

STATE OF HAWAI'I
DEPARTMENT OF HAWAIIAN HOME LANDS
HAWAIIAN HOMES COMMISSION MEETING/WORKSHOP AGENDA

91-5420 Kapolei Parkway, Kapolei, O'ahu, Hawai'i
Tuesday, August 18, 2020, at 9:30 a.m. via Teleconference
Livestream available at www.dhhl.hawaii.gov/live

Note: Commission Meeting Packets will be available at dhhl.hawaii.gov, by Thursday, August 13, 2020.

I. ORDER OF BUSINESS

- A. Roll Call
- B. Approval of Agenda
- C. Approval of Minutes for July 21, 2020 HHC Meeting
- D. Public Testimony on Agendized Items -Via weblink only; see information below

II. ITEMS FOR DECISION MAKING

A. CONSENT AGENDA

Homestead Services Division

- D-2 Ratification of Loan Approvals (see exhibit)
- D-3 Approval of Consent to Mortgage (see exhibit)
- D-4 Approval of Refinance of Loans (see exhibit)
- D-5 Approval of Streamline Refinance of Loans (see exhibit)
- D-6 Approval of Homestead Application Transfers/Cancellations (see exhibit)
- D-7 Approval of Designation of Successors to Leasehold Interest and Designation of Persons to Receive the Net Proceeds (see exhibit)
- D-8 Approval of Assignment of Leasehold Interest (see exhibit)
- D-9 Approval of Amendment of Leasehold Interest (see exhibit)
- D-10 Approval to Issue Non-Exclusive Licenses for Rooftop Photovoltaic Systems for Certain Lessees (see exhibit)

B. REGULAR AGENDA

Office of the Chairman

- C-1 Approval of Lease Awards Kakaina Subdivision, Waimanalo, Hawaii (see exhibit)
- C-2 Appointment of a Permitted Interaction Group Pursuant to Hawaii Revised Statutes (HRS) Section 92-2.5 and Hawaii Administrative Rules (HAR) Section 10-2-16 (b) (1), to Participate in an Investigative Committee for the Update of the DHHL General Plan Statewide
- C-3 Acceptance of the 2020 Annual Performance Report (APR) – Native Hawaiian Housing Block Grant (NHHBG)
- C-4 Approval to Extend the DHHL COVID-19 Emergency Rental Assistance Program from Not More Than Six (6) Months to Twelve (12) Months of Assistance
- C-6 Approval of Activities for the July 9, 2021 – July 8, 2022 Centennial Celebration of the Hawaiian Homes Commission Act of 1920, as Amended

Land Development Division

- E-1 Budget Approval for Additional Funding not to Exceed \$200,000 for Honokaia Non-Potable Water System Improvements

Land Management Division

- F-1 Approval to Authorize 2020 Renewable Energy Project Solicitations and for Delegation of Authority to the Chairman to Facilitate Implementation of these Solicitations: Various Hawaiian Home Lands listed herein : Islands of O’ahu, Maui, Molokai and Hawaii Island (see exhibit)
- F-2 Approval to Amendment of General Lease 290, Kapolei Community Development Corp. (KCDC), East Kapolei, Oahu, TMK (1) 91151002
- F-3 Approval of Annual Renewal of Right of Entry Permit(s), Kaua’i Island (see exhibit)

Planning Office

- G-1 Delegate Authority to the Chairman to Respond to the Notice of Availability for Surplus Property from the General Services Administration, concerning the Selection of up to 80 acres of the Former National Oceanic and Atmospheric Administration National Weather Service Pacific Tsunami Warning Center ‘Ewa Beach, O’ahu, TMK (1) 9-001-001 (por.)

III. ITEMS FOR INFORMATION/DISCUSSION

A. GENERAL AGENDA

Requests to Address the Commission – In writing via weblink only; see information below

- J-1 Emma Yap – Director, Pa’upena Community Development Corporation
- J-2 Maile Atay – Waiehu Kou Community Cultural Center
- J-3 Cora Schnackenberg – President, Ahonui Homestead Association
- J-4 Kaulana Costa- President, The Hawaiian Council

B. WORKSHOPS

Office of the Chairman

- C-5 For Information Only – Summary of Responses to Proposed Legislative Action Request for 2021 & Draft Legislative Proposals
- C-7 For Information Only – Report of the Investigative Committee on Native Hawaiian Qualification Process

Land Development Division

- E-2 For Information Only – Update of Development Agreement between the Department of Hawaiian Home Lands and Ikaika Ohana/A0597 Kona LP for “Hawaiian Home Lands Rental Housing in the Village of Laiopua

Land Management Division

- F-4 For Information Only – Moanalua Kai Redevelopment Options, Shafter Flats, Island of O’ahu

Planning Office

- G-2 For Information Only – UH-CTAHR Hawai'i Island Extension Agent Update and DHHL Agriculture Program Plan Process Update
- G-3 For Information Only – Update on Kalaupapa Management, Kalawao County, Island of Moloka'i

Administrative Services Officer

- H-1 For Information Only – Postponement of Mortgage Payments – Impact on Loan Fund

C. REGULAR AGENDA

Homestead Services Division

- D-1 HSD Status Reports
 - A - Homestead Lease and Application Totals and Monthly Activity Reports
 - B - Delinquency Report
 - C - DHHL Guarantees for USDA-RD Mortgage Loans

IV. EXECUTIVE SESSION

The Commission anticipates convening in executive meeting pursuant to Section 92-5(a)(4), HRS, to consult with its attorney on questions and issues pertaining to the Commission's powers, duties, privileges, immunities, and liabilities on these matters.

1. Update on issues related to Sandwich Isles Communications
2. Update on Honokaia Non-Potable Water System Settlement
3. Update of Laiopua Rent with Option to Purchase Project Offering
4. Notice of Availability of Surplus Real Property Former National Oceanic and Atmospheric Administration, National Weather Service Pacific Tsunami Warning Center, 'Ewa Beach, O'ahu, TMK (1) 9-001-001 (por.)

V. ANNOUNCEMENTS AND ADJOURNMENT

- A. Next Meeting –September 22, 2020, TBA
- B. Adjournment



William J. Aifa Jr., Chairman
Hawaiian Homes Commission

COMMISSION MEMBERS

Randy K. Awo, Maui
Patricia L. Teruya, O'ahu
Pauline N. Namu'o, O'ahu
Michael L. Kaleikini, East Hawai'i

Zachary Z. Helm, Moloka'i
David B. Ka'apu, West Hawai'i
Dennis L. Neves, Kaua'i
Russell K. Kaupu, O'ahu

Public testimony can be submitted in writing via the Department of Hawaiian Home Lands website at www.dhhl.hawaii.gov/hhc/hhc-contact

Livestream available at www.dhhl.hawaii.gov/live

Pursuant to the Governor's July 17, 2020 Supplementary Emergency Proclamation for COVID-19, Hawai'i Revised Statutes Chapter 92 regarding public agency meetings and records is currently suspended through till August 31, 2020 to the extent necessary to enable boards to conduct business without holding meetings open to the public and to allow state agencies the ability to effectively and efficiently provide emergency relief and engage in emergency management functions.

ITEM C-1 EXHIBIT

APPROVAL OF LEASE AWARDS KAKAINA SUBDIVISION, WAIMANALO

NAME	APPL DATE	LOT NO	TAX MAP KEY	LEASE NO
Daniel Grace	04/01/1970	5	(1) 4-1-041:005	12920
Nadine Pang Kee	06/20/1972	33	(1) 4-1-041:033	12921

ITEM D-2 EXHIBIT

RATIFICATION OF LOAN APPROVALS

LESSEE	LEASE NO.	AREA
KAAHANUI-PERALTA, Yasha-Ann	10980	Lanai

ITEM D-3 EXHIBIT

APPROVAL OF CONSENT TO MORTGAGE

LESSEE	LEASE NO.	AREA
AH SUI-AGLIPAY, Dawnmarie A.	584	Nanakuli, Oahu
AKAU, Randall H.	11885	Kanehili, Oahu
AKIU, Estelle	12907	Kanehili, Oahu
ANAHU-AMBROSIO, Hezekiah L. K.	7218	Kawaihae, Hawaii
ANDERSON, Kaulana S.	12242	Waiehu 4, Maui
ANTONIO, Darius	1634	Nanakuli, Oahu
AUNA, Harvey L.	12616	Kanehili, Oahu
AYAU, Burrelle	9578	Kalawahine, Oahu
BAUTISTA, Chaz A. K. R.	12602	Kanehili, Oahu
CACHOLA, Kerri K. K.	12572	Kanehili, Oahu
CASTRO, Tracie N. S.	12629	Kanehili, Oahu
CHANDLER, Ashley K.	12865	Kauluokahi, Oahu
COSNER, Joseph Elua	9546	Waiehu 2, Maui
COSTALES, Austi S.	5307	Waianae, Oahu
DESANTOS, Jay A.	9559	Kalawahine, Oahu
DOLFO, Ryan I.	3737	Waimanalo, Oahu
GOMES HOOHULI, Samson L. K.	309	Nanakuli, Oahu
GOMES, Anthony E.	4636	Waianae, Oahu
GONZALES, Kekoa K. K.	12665	Kanehili, Oahu
GOSHERT, Bernard W., Jr.	9457	Waiehu 2, Maui

HAPAKUKA, Dayneen L. O.	7639	Waiohuli, Maui
HATCHER, Leinaala O.	12446	Kanehili, Oahu
HELM, Kekamaikaikamaikalani	2304	Kalamaula, Molokai
HEW LEN, Aaron	12908	Kanehili, Oahu
IRVINE, Pua P. M. H.	10269	Waianae, Oahu
ISAACS-RAMIRO, Leinaala O.	3045	Waimanalo, Oahu
JOAQUIN, Lance K.	9845	Kawaihae, Hawaii
KAHALEHILI, Roven P.	12123	Kaupea, Oahu
KAHELE, Blaine T., Jr.	2977	Waimanalo, Oahu
KAHELE, Jerica K.	2977	Waimanalo, Oahu
KALANI, Lecotia R. K.	5727	Nanakuli, Oahu
KALEIKINI, Lopaka	11758	Kanehili, Oahu
KAMAKELE, Nicole K. P.	11693	Kanehili, Oahu
KAMANA, Lopena K. K. K.	3893	Nanakuli, Oahu
KAMAU, George P., Jr.	9607	Kalawahine, Oahu
KAUHANE, Dezrae L. J. N.	250	Nanakuli, Oahu
KAUWE, Keith K., Jr.	8795	Waimanalo, Oahu
KEAWE, Steven K.	9974	Waimanalo, Oahu
LESLIE, Gordon K.	11867	Kanehili, Oahu
LOVELL, Alike L.	12133	Kaupea, Oahu
MARTINEZ, Joan P.	11423	Kaupea, Oahu
MAYEDA, Juanita K.	12057	Kaupea, Oahu
MONTGOMERY, Alan	11781	Kanehili, Oahu
NAKAHARA, Violenda K.	3537	Kewalo, Oahu
NIHEU, Yvonne	12919	Kanehili, Oahu
NOA, Vonne H. K.	5707	Nanakuli, Oahu
PAGAN, Prudence N.	7738	Waiohuli, Maui
PAHIA, Matthew J.	9883	Maluohai, Oahu
PENNINGTON, Edwina	11597	Kanehili, Oahu
POEPOE, Jason K. H. W.	10372	Waiohuli, Maui
RAMIRO, Ryan M. K.	3045	Waimanalo, Oahu
REZANTES, Kahaamaikai J. J.	11882	Kanehili, Oahu
RUBIN, Veronica	5349	Waianae, Oahu
SANG, Lynette K.	12016	Kaupea, Oahu
SCHUTTE, Barney J.	3392E	Puukapu, Hawaii
SYLVA, Ikaikakane A.	5619	Lualualei, Oahu
TIMARIO, Edna K.	12055	Kaupea, Oahu
TIOGANGCO, Daylan J. K.	10942	Piihonua, Hawaii
VIERRA, Annette	11669	Kanehili, Oahu
WATTS, Gail H.	8436	Princess Kahanu Estates, Oahu
WINCHESTER, Eugene E. K.	12495	Kauluokahi, Oahu
WOODS, Robert P.	12605	Kanehili, Oahu

ITEM D-4 EXHIBIT

APPROVAL OF REFINANCE OF LOANS

LESSEE	LEASE NO.	AREA
TAM, Russell K.	6813	Keaukaha, Hawaii

ITEM D-5 EXHIBIT

APPROVAL OF STREAMLINE REFINANCE OF LOANS

LESSEE	LEASE NO.	AREA
BRIGHT, Darnell T. K.	8303	Princess Kahanu Estates, Oahu
CAUTON, Brendan A. P. H.	8303	Princess Kahanu Estates, Oahu
CAUTON, Brendanette M. M.	8303	Princess Kahanu Estates, Oahu
GUNDERSON, Cheryl K.	9279	Kaniohale, Hawaii
KAAIALII, Doreen M.	9898	Nanakuli, Oahu
KAHUMOKU, Sharleen U.	9279	Kaniohale, Hawaii
PAVAO, Desiree A. N.	8303	Princess Kahanu Estates, Oahu

ITEM D-6 - EXHIBIT

HOMESTEAD APPLICATION TRANSFERS / CANCELLATIONS

APPLICANT	AREA
AKANA, Clifford D.	Kauai IW Res
AKANA, Lewellyn B.	Kauai IW Res
AWANA, Christopher J.	Hawaii IW Res to Oahu IW Res
BALLES, Joretta J.R.K.	Kauai IW Agr to Oahu IW Agr
BALLES, Joretta J.R.K.	Kauai IW Res to Oahu IW Res
BASQUES, Winifred I.K.	Lanai IW Res
BRANCO, Lola Ann L.	Hawaii IW Agr to Hawaii IW Pas
CHU HING, Scott K.	Hawaii IW Res
GANER, Dyana P.	Lanai IW Res
KEALOHA, Roland	Lanai IW Res
KEKAHUNA, Ioane K.	Hawaii IW Agr
KEKAHUNA, Lauae K.	Hawaii IW Agr
LENCHANKO, Michael F.	Nanakuli Area / Oahu IW Res
LICAYAN, Samuel K.	Kauai IW Res
MANO, Leinaala K.	Lanai IW Res
MEDEIROS, Rosemary L.	Maui IW Res to Hawaii IW Res
MOKU, Delvin K., Jr.	Lanai IW Res
MOORE, Samlynn N.	Hawaii IW Agr to Oahu IW Agr
TWIST, Lahela W.P.	Maui IW Agr to Maui IW Pas

ITEM D-7 EXHIBIT

**LIST OF LESSEES WHO DESIGNATED SUCCESSORS TO THEIR LEASEHOLD INTEREST FOR
MONTH OF JULY 2020**

LESSEE	LEASE NO.	AREA
MAHOE, Hannah K.	5250	Nanakuli, Oahu
ROY, Robert J. K.	8061	Puukapu, Hawaii
WILLIAMS, Francis K.	248	Nanakuli, Oahu

ITEM D-8 EXHIBIT

APPROVAL OF ASSIGNMENT OF LEASEHOLD INTEREST

LESSEE	LEASE NO.	AREA
BILERMO, Marveleen K.	2410	Waimanalo, Oahu
GUERPO, Shawn K.	9836	Kawaihae, Hawaii
HINCH, Rosaline S.	12905	Kanehili, Oahu
KUNI, Jacob K.	1687A	Nanakuli, Oahu
LOPES, Lloyd K.	7753	Waiohuli, Maui
AWAI, Greg K.	7753	Waiohuli, Maui
SERIA, Elliott H.	12063	Kaupea, Oahu
VESPOLI, Domic K. P.	12616	Kanehili, Oahu
WAECHTLER, Samuel K.	948	Papakolea, Oahu
NAKI, George K., III	12382	Kapolei, Oahu
NIHEU, Yvonne	7815	Hoolehua, Molokai

ITEM D-9 EXHIBIT

APPROVAL OF AMENDMENT OF LEASEHOLD INTEREST

LESSEE	LEASE NO.	AREA
BILERMO, Marveleen K.	2410	Waimanalo, Oahu
CANN, Ernest K.	1894	Keaukaha, Hawaii
CUMMINGS, Emilie K.	861	Kewalo, Oahu
PENNINGTON, Edwina L.	11597	Kapolei, Oahu
WILLIAMS, Francis K.	248	Nanakuli, Oahu

ITEM D-10 EXHIBIT

APPROVAL TO ISSUE A NON-EXCLUSIVE LICENSE FOR ROOFTOP PHOTOVOLTAIC SYSTEMS FOR CERTAIN LESSEES

LESSEE	LEASE NO.	AREA
HANAWAHINE, Joseph K.	11403	Kaupea, Oahu
NOA, Vonne H. K.	5707	Nanakuli, Oahu
SABATE, Corri	2821	Keaukaha, Hawaii
TOWNSEND, Reynolds T.	744	Nanakuli, Oahu

ITEM F-1 EXHIBIT

APPROVAL TO AUTHORIZE 2020 RENEWABLE ENERGY PROJECT SOLICITATIONS AND FOR DELEGATION OF AUTHORITY TO THE CHAIRMAN TO FACILITATE IMPLEMENTATION OF THESE SOLICITATIONS: VARIOUS HAWAIIAN HOME LANDS LISTED HEREIN

ISLAND	TMK	ACRES*	LOCATION	NOTES
Oahu	8-9-007:002 (portion)	448.48	Nanakuli	
Maui	1-9-001:003 (portion)	15,620	Kahikinui	Up to 1000 acres for due diligence purposes; up to 500 acres under general lease
Molokai	5-2-001:004 (portion)	462.5	Hoolehua	
Molokai	5-2-011:016	104.991	Pala'au	
Molokai	5-4-003:003 (portion)	4993.3	Makakupa'ia	

Hawaii	6-1-001:003 (portion)	7563.83	Kawaihae	Up to 1,950 acres in the southern portion of the parcel
Hawaii	6-1-006:003 (portion)	20.82	Kawaihae	
Hawaii	6-1-006:010	20.37	Kawaihae	
Hawaii	7-3-010:007 (portion)	200	Kalaoa	Up to 100 acres in the lower half.
Hawaii	9-3-001:002 (portion)	10,089.74	Kama'oa-Pu'ueo	

*Approximate

ITEM F-3 EXHIBIT
RIGHT OF ENTRY PERMITS, KAUA'I ISLAND

NO.	ACRE	USE	PERMITTEE	AREA	Date Started
533	11	Agriculture	Don Mahi	Anahola	10/1/1990
550	0.344	Agriculture	Kuini Contrades	Anahola	5/1/2003
554	8	Agriculture	Linda Kaauwai-Iwamoto	Anahola	11/1/2000
558	1.07	Agriculture	Frank S. Rivera, Sr. and Amber Rivera	Anahola	5/1/2005
543	20	Agriculture	Palahiko Farms	Kekaha	7/28/2009
575	18	Agriculture	Gary Cummings, Jr.	Anahola	7/23/2013
565	12	Agriculture	Angelina Koli	Anahola	7/1/2005
540	0.25	Caretaker	Michael J. DeMotta	Hanapepe	9/1/2002
549	0.188	Caretaker	William Leleo	Anahola	9/1/2005
553	0.092	Caretaker	Sunny L. Honda	Anahola	6/1/1992
560	3.6	Caretaker	Valerie Woods	Anahola	3/8/2002
536	0.009	Commercial	Patricia Contrades	Anahola	7/23/2013
564	0.023	Commercial	Woodrow K. Contrades	Anahola	4/1/1994
475	16.072	Industrial	Honsador Lumber, LLC/Mona Lisa Boyer	Kapaa	5/13/1997
538	0.46	Industrial	Kauai Habitat for Humanity	Hanapepe	7/1/1996
542	0.58	Industrial	Kauai Farm Fuels	Hanapepe	4/1/2007
574	0.059	Industrial	Paul T. Esaki	Kapaa	2/1/1986
537	0.23	Industrial	Roger Palama	Hanapepe	10/1/1995
541	0.344	Industrial	Wallace Rita and Clyde Odo	Hanapepe	7/1/2005
544	0.367	Industrial	Akita Enterprises, Ltd.	Hanapepe	7/1/1999
546	0.55	Industrial	Akita Enterprises, Ltd.	Kapaa	7/22/2013
566	0.918	Industrial	Jack L. and Margaret C. Phillips	Kapaa	3/1/2001
531	3.264	Pastoral	Solomon Lovell	Anahola	12/1/1981
532	14.903	Pastoral	Esther K. Medeiros	Anahola	2/1/1984
535	13	Pastoral	Gordon Rosa	Anahola	4/1/1994
545	2.866	Pastoral	Clay Kelekoma	Anahola	4/15/1982
547	50	Pastoral	Patrick Kelekoma and Clay Kelekoma	Anahola	7/5/2005
552	2.849	Pastoral	Lono K.M. Fu	Anahola-Kamalomaloo	9/1/2005
556	0.55	Pastoral	Richard and Kuulei Ornellas	Anahola/ Kamalomaloo	8/1/2003
557	173	Pastoral	Tarey Low	Anahola/ Kamalomaloo	4/1/2004
562	21.03	Pastoral	Joseph Borden	Anahola/ Kamalomaloo	7/23/2013
583	80	Pastoral	Edward K Taniguchi	Anahola/ Kamalomaloo	5/23/2016

**HAWAIIAN HOMES COMMISSION
AUGUST 18, 2020
TELECONFERENCE
9:30 A.M.**

**C – ITEMS
OFFICE OF THE CHAIRMAN**

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THROUGH: Paula Aila, Acting Administrator, Contact & Awards Division 

FROM: Michelle Hitzeman, HALE Manager

SUBJECT: Approval of Lease Award

RECOMMENDED MOTION/ACTION

Approve the awards of Department of Hawaiian Home Lands Residence Lot Leases to the applicants listed below for ninety-nine (99) years, subject to the purchase of the existing improvements on the lot by way of a loan or cash.

DISCUSSION

Kakaina Residential Subdivision, Waimanalo, Hawaii

<u>NAME</u>	<u>APPL DATE</u>	<u>LOT NO</u>	<u>TAX MAP KEY</u>	<u>LEASE NO</u>
Daniel Grace	04/01/1970	5	(1) 4-1-041:005	12920
Nadine Pang Kee	06/20/1972	33	(1) 4-1-041:033	12921

With the execution of the foregoing leases, two (2) single family home awards have been completed.

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Members, Hawaiian Homes Commission

From: William J. Aila, Jr., Chairman

Subject: Appointment of an investigative committee pursuant to HRS section 92-2.5 and HAR section 10-2-16(b)(1) to participate in permitted interaction group meetings for the update of the DHHL General Plan statewide.

RECOMMENDED ACTION:

For information only. No action required.

DISCUSSION:

A investigative committee of the Hawaiian Homes Commission is appointed effective August 18, 2020. The purpose of this group is to participate in permitted interaction group meetings related to the update of the DHHL General Plan. Per HAR 10-4-55, the General Plan shall establish statewide policies that guide land management and DHHL programs. The committee shall engage on a more frequent basis with DHHL staff on beneficiary outreach methods and policy considerations that are based on feedback from DHHL beneficiaries.

The members of the permitted interaction group include Randy K. Awo, Russell K. Kaapu, Zachary Z. Helm, and William Aila, Jr., Chair. The group's work is expected to be completed over a series of five meetings spread out over the course of a 20-month planning process beginning in September 2020 with anticipated conclusion in May 2022. A draft General Plan Update and final General Plan Update will be presented to the full Commission at regularly scheduled Commission meetings for review and ultimate approval.

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission
From: Lehua Kinilau-Cano, HHL Legislative Analyst *Lehua Kinilau-Cano*
Subject: Acceptance of the 2020 Annual Performance Report (APR)
- Native Hawaiian Housing Block Grant

RECOMMENDATION MOTION/ACTION:

To accept the 2020 Annual Performance Report (APR) - Native Hawaiian Housing Block Grant (NHHBG) for transmittal to the U.S. Department of Housing & Urban Development (HUD).

DISCUSSION

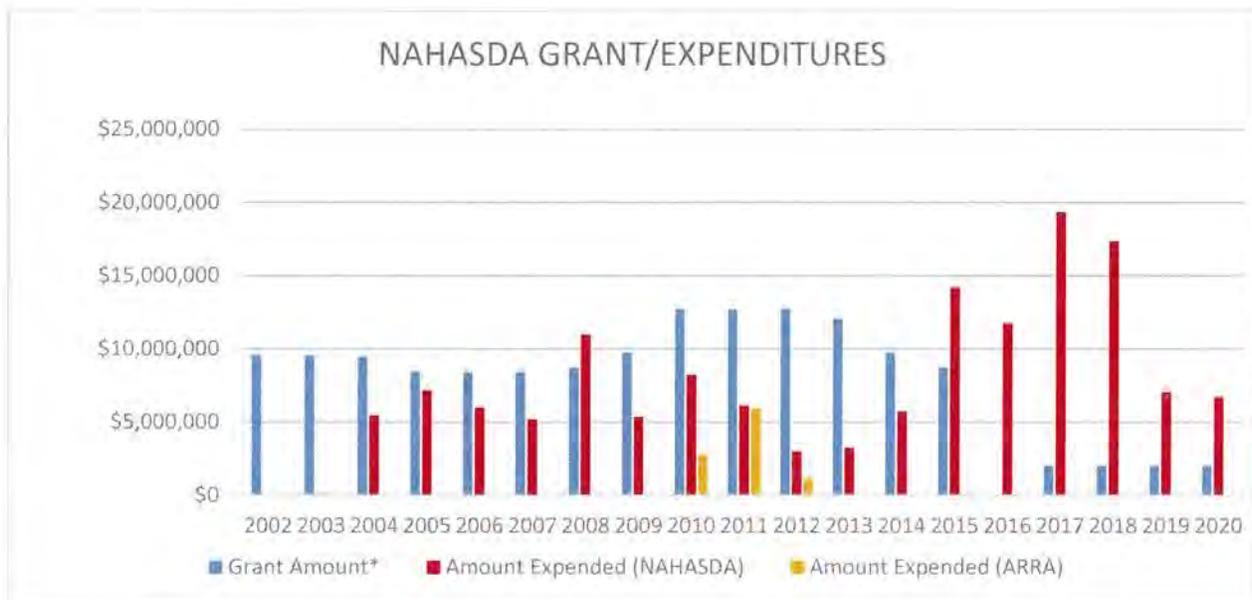
Title VIII of the Native American Housing Assistance and Self Determination Act requires the Department of Hawaiian Home Lands, as the sole recipient of Native Hawaiian Housing Block Grant funds, to report annually on activities performed in the past year. The report, disseminated for thirty days of public comment on July 21, 2020 will be finalized and submitted to the U.S. Office of Housing and Urban Development (HUD) by August 28, 2020.

A request for a hardcopy of the APR was received and provided to a kupuna who resides in the Waimanalo Kupuna Housing Project. A neighbor island DHHL staff member explained to a beneficiary that the current and past APR are available on DHHL's website and the beneficiary wanted to ensure that funding for the Keaukaha Residential Lots Rehabilitation and Infill New Construction is still moving forward. An emailed comment noted that this NAHASDA grant is a welcomed assistance program for people to comfortably afford their home and should be made available to those who are still on the waitlist and seek a property not on Hawaiian Home Lands. Another emailed comment asked how DHHL determines who gets help with homeowner financing since downpayment assistance was not provided to turnkey lessees in Kauluokahai. Additional comments will be received and incorporated into the APR that will be submitted to HUD.

The shaded sections of the APR report on activities approved as the Annual Housing Plan in April 2019.

Fiscal Year 2019 - 2020 Expenditures by AHP Activity:

AHP 1.	2019 Capital Improvement Projects	\$ 308,137.52
AHP 2.	Developer Financing	\$ 0
AHP 3.	HALE Program - Risk Mitigation	\$ 10,101.04
AHP 4.	Homeowner Financing	\$3,355,711.00
AHP 5.	Home Assistance Program	\$ 196,160.00
AHP 6.	Emergency Financing	\$ 0
AHP 7.	Rental Operating Subsidy	\$ 250,000.00
AHP 8.	Rental Vouchers	\$2,063,191.55
	TOTAL EXPENDITURES	\$6,683,383.52



Current NAHASDA Balance: \$15,544,787.60
 Encumbered by Contract: \$11,564,147.34
 Available NAHASDA Balance: \$ 3,980,640.26

RECOMMENDED MOTION/ACTION

Staff respectfully requests approval of the motion as recommended.

For DHHL's Use: July 1, 2019 thru June 30, 2020 Annual Performance Report

ANNUAL PERFORMANCE REPORT
(NAHASDA §§ 803(b)(1), 803(c)(1) and 820(a)(2))

This form meets the requirements for a Native Hawaiian Housing Plan (NHHP) and Annual Performance Report (APR) required by the United States Department of Housing and Urban Development. The information requested does not lend itself to confidentiality.

Regulatory and statutory citations are provided throughout this form as applicable. The Department of Hawaiian Home Lands (DHHL) is encouraged to review these citations when completing the NHHP and APR sections of the form.

Under Title VIII of the Native American Housing Assistance and Self-Determination Act of 1996 (NAHASDA) (25 U.S.C. 4101 et seq.), HUD will provide grants under the Native Hawaiian Housing Block Grant (NHHBG) program to DHHL to carry out affordable housing activities for Native Hawaiian families who are eligible to reside on the Hawaiian Home Lands. To be eligible for the grants, DHHL must submit a NHHP that meets the requirements of the Act. To align the NHHBG program with recent improvements made to the Indian Housing Block Grant program, HUD is requiring DHHL to submit the NHHP to HUD at least 75 days prior to the start of its 12-month fiscal year. The APR is due no later than 60 days after the end of DHHL's fiscal year (24 CFR § 1006.410).

The NHHP and the APR (previously two separate forms) are now combined into one form. The sections pertaining to the NHHP are submitted **before** the beginning of the 12-month fiscal year, leaving the APR (shaded) sections blank. If the NHHP has been updated or amended, use the most recent version when preparing the APR. After the 12-month fiscal year, enter the results from the 12-month fiscal year in the shaded sections of the form to complete the APR. More details on how to complete the NHHP and APR sections of the form can be found in the body of this form. In addition, DHHL may find it helpful to refer to the IHP/APR form guidance available at http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih/codetalk/nahasda/guidance until a guidance specific to the NHHP/APR form is made available.

FORM COMPLETION OPTIONS: The NHHP/APR form may be completed either in hard copy or electronically. Hard copy versions may be completed either by hand or typewriter. Alternatively, the form may be completed electronically as it is a Word document. It is recommended that the form be completed electronically because it is more efficient to complete, submit, and review the form. Furthermore, electronic versions of the form may be submitted to HUD as an email attachment. To document official signatures on the electronic version, you should sign a hard copy of the pages and either fax (808-457-4694) that signed page or email (claudine.c.allen@hud.gov) it as an attachment to the Office of Native American Programs – Attention: Claudine Allen in the HUD Honolulu Field Office. The sections of the NHHP that require an official signature are the Cover Page and Sections 13 and 14, if applicable. For the APR, the Cover Page requires an official signature.

The NHHP data is used to verify that planned activities are eligible, expenditures are reasonable, and DHHL certifies compliance with related requirements. The APR data is used to audit the program accurately and monitor DHHL's progress in completing approved activities, including reported expenditures, outputs, and outcomes. This form is exempt from OMB Approval pursuant to 5 CFR 1320.3(4)(c).

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE NUMBER</u>
COVER PAGE	3
SECTION 1: FIVE YEAR PLAN	5
SECTION 2: HOUSING NEEDS	10
SECTION 3: PROGRAM DESCRIPTIONS	14
SECTION 4: AFFORDABLE HOUSING RESOURCES	34
SECTION 5: BUDGETS	40
SECTION 6: OTHER SUBMISSION ITEMS	43
SECTION 7: NATIVE HAWAIIAN HOUSING PLAN CERTIFICATION OF COMPLIANCE	45
SECTION 8: SELF-MONITORING	46
SECTION 9: INSPECTIONS	47
SECTION 10: AUDITS	48
SECTION 11: PUBLIC AVAILABILITY	49
SECTION 12: JOBS SUPPORTED BY NAHASDA	50
SECTION 13: NHHP WAIVER REQUESTS	51
SECTION 14: NHHP AMENDMENTS	52

Note: The page numbers in the Table of Contents can update automatically as the NHHP or APR is completed. To update the page numbers, right-click anywhere in the table, select "Update Field" and select "update page numbers only."

COVER PAGE

(1) Grant Number: **14HBGHI0001; 15HBGHI0001; 17HBGHI0001; 18HBGHI0001; 19HBGHI0001**

(2) Recipient Fiscal Year: **2019**

(3) Federal Fiscal Year: **2019**

(4) Initial Plan (Complete this Cover Page then proceed to Section 1)

(5) Amended Plan (Complete this Cover Page and Section 14)

(6) Annual Performance Report (Complete items 24-27 and proceed to Section 3)

(7) Name of Recipient: Department of Hawaiian Home Lands		
(8) Contact Person: Niniau Simmons, NAHASDA Manager		
(9) Telephone Number with Area Code: 808-620-9513		
(10) Mailing Address: PO Box 1879		
(11) City: Honolulu	(12) State: HI	(13) Zip Code: 96805
(14) Fax Number with Area Code (if available): 808-620-9529		
(15) Email Address (if available): Niniau.Simmons@hawaii.gov		

(16) Tax Identification Number: 99-0266483
(17) DUNS Number: 809935661
(18) CCR/SAM Expiration Date: 03/17/20
(19) NHHBG Annual Grant Amount: \$2,000,000
(20) Name of Authorized NHP Submitter: Jobie M. K. Masagatani
(21) Title of Authorized NHP Submitter: Chairman, Hawaiian Homes Commission
(22) Signature of Authorized NHP Submitter:
(23) NHP Submission Date:
(24) Name of Authorized APR Submitter: William J. Aila, Jr.
(25) Title of Authorized APR Submitter: Chairman, Hawaiian Homes Commission
(26) Signature of Authorized APR Submitter:
(27) APR Submission Date:

Certification: The information contained in this document is accurate and reflects the activities actually planned or accomplished during the program year. Activities planned and accomplished are eligible under applicable statutes and regulations.

Warning: If you knowingly make a false statement on this form, you may be subject to civil or criminal penalties under 18 U.S.C 1001. In addition, any person who knowingly and materially violates any required disclosure of information, including intentional disclosure, is subject to a civil money penalty not to exceed \$10,000 for each violation.

SECTION 1: FIVE YEAR PLAN

The Five Year Plan is intended to cover the Department of Hawaiian Home Lands' (DHHL) long range plans for affordable housing. Each housing plan must contain, for the five-year period beginning with the fiscal year for which the plan is first submitted, the following information.

Five Year Period: **2018** through **2023**

MISSION STATEMENT (NAHASDA § 803(b)(2)(A))

A Mission Statement describes the mission of the DHHL to serve the needs of Native Hawaiian low-income families.

Enter the DHHL's Mission Statement here:

To manage the Hawaiian Home Lands Trust effectively and to develop and deliver land to native Hawaiians.

GOALS, OBJECTIVES AND PROGRAMS/ACTIVITIES (NAHASDA § 803(b)(2)(B) and (C))

DHHL must provide a statement of the goals, objectives, and programs/activities planned for the beneficiaries over the five year period. The goals are the intended result of the NHHBG activity and are based on the types of outcomes that the DHHL will report in the APR. The objectives are the means or approach that the DHHL will use to reach the goal. The programs/activities are the specific programs/activities that will be funded in order to achieve the goal and the objective.

Goals May Include:

- | | |
|--|--|
| (1) Reduce over-crowding | (6) Assist affordable housing for college students |
| (2) Assist renters to become homeowners | (7) Provide accessibility for disabled/elderly persons |
| (3) Improve quality of substandard units | (8) Improve energy efficiency |
| (4) Address homelessness | (9) Reduction in crime reports |
| (5) Create new affordable rental units | (10) Other |

Objectives May Include:

- | | |
|--|---|
| (1) [RESERVED – DO NOT USE THIS NUMBER] | (14) Lending subsidies for homebuyers |
| (2) [RESERVED – DO NOT USE THIS NUMBER] | (15) Other homebuyer assistance activities |
| (3) Acquisition of rental housing | (16) Rehabilitation assistance to existing homeowners |
| (4) Construction of rental housing | (17) Tenant based rental assistance |
| (5) Rehabilitation of rental housing | (18) Other Housing Service |
| (6) Acquisition of land for rental housing development | (19) Housing Management Services |
| (7) Development of emergency shelters | (20) Operation and maintenance of NHHBG units |
| (8) Conversion of other structures to affordable housing | (21) Crime Prevention and Safety |
| (9) Other rental housing development | (22) Model Activities |
| (10) Acquisition of land for homebuyer unit development | (23) [RESERVED – DO NOT USE THIS NUMBER] |
| (11) New construction of homebuyer units | (24) Infrastructure to support housing |
| (12) Acquisition of homebuyer units | (25) [RESERVED – DO NOT USE THIS NUMBER] |
| (13) Downpayment/Closing cost assistance | |

Use the sections below to describe the DHHL's goals, objectives, and programs/activities during the five year period.

Goal(s) Number: I	(2) Assist renters to become homeowners
------------------------------	---

Select from the goals listed above.

Objective(s) Number: Ia.	(24) Infrastructure to support housing
-------------------------------------	--

Select from the objectives listed above.

Program/Activity Description: Infrastructure Development (Statewide)	To develop lots statewide.
---	----------------------------

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: II	(2) Assist renters to become homeowners
-------------------------------	---

Select from the goals listed above.

Objective(s) Number: IIa.	(11) New construction of homebuyer units; (14) Lending subsidies for homebuyers; (13) Downpayment/Closing cost assistance
--------------------------------------	--

Select from the objectives listed above.

Program/Activity Description: Homeowner Financing (Statewide)	To provide NHHBG-funded home loans (including down payment assistance, individual development accounts) to lessee families participating in new construction. This activity also provides for down payment/closing cost assistance where NHHBG funds are not the primary loan source.
--	---

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: III	(2) Assist renters to become homeowners
--------------------------------	---

Select from the goals listed above.

Objective(s) Number: IIIa.	(8) Conversion of other structures to affordable housing
---------------------------------------	--

Select from the objectives listed above.

Program/Activity Description: Housing Conversion	This activity supports the exploration of converting existing land and structures to affordable housing whose general lease or license may soon expire and revert back to the department.
---	---

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: IV.	(5) Create new affordable rental units
--------------------------------	--

Select from the goals listed above.

Objective(s) Number: IVa.	(4) Construction of rental housing
--------------------------------------	------------------------------------

Select from the objectives listed above.

Program/Activity Description: Lai Opua Rent with Option to Purchase, Developer Financing	This activity will provide NAHASDA funding as part of a capital stack to conduct vertical construction of 118 units in Village 4 of Lai Opua.
--	---

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: V.	(5) Create new affordable rental units
-------------------------------	--

Select from the goals listed above.

Objective(s) Number: Va.	(4) Construction of rental housing
-------------------------------------	------------------------------------

Select from the objectives listed above.

Program/Activity Description: Kupuna Housing Development	This activity will support the development of elderly housing for the aging native Hawaiian population. Sites may include the department's land at Isenberg and East Kapolei II.
---	--

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: VI.	(7) Provide accessibility for disabled/elderly persons
--------------------------------	--

Select from the goals listed above.

Objective(s) Number: VIa.	(16) Rehabilitation assistance to existing homeowners
--------------------------------------	---

Select from the objectives listed above.

Program/Activity Description: Home Assistance Program (Statewide)	<p>This activity provides three types of assistance: (1) a deferred, no payment loan up to \$100,000; (2) a small repayment loan (up to \$50,000) for costs exceeding the original \$100,000 amount; and (3) a demolition/new build loan for properties who cost to repair exceed the appraised or tax assessed value.</p> <p>Over 60 families identified for this program are located in: Kalamaula/Hoolehua, Molokai; Keaukaha-Panaewa, Hawaii; Nanakuli/Waianae/Waimanalo/Papakolea, Oahu.</p>
--	---

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: VII.	(1) Reduce over-crowding; (5) Create new affordable rental units; (2) Assist renters to become homeowners
---------------------------------	---

Select from the goals listed above.

Objective(s) Number: VIIa.	(10) Acquisition of land for homebuyer unit development; (6) Acquisition of land for rental housing development;
---------------------------------------	--

Select from the objectives listed above.

Program/Activity Description: Land Acquisition (Oahu – Priority)	This activity will support land purchase(s) for home development.
---	---

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: VIII.	(1) Reduce over-crowding
----------------------------------	--------------------------

Select from the goals listed above.

Objective(s) Number: VIIIa.	(18) Other Housing Service
--	----------------------------

Select from the objectives listed above.

Program/Activity Description: Alternative Housing Design	This activity will support the design of alternative housing models, to include multi-family; multi-lease; and culturally-relevant housing models.
---	--

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: IX.	(8) Improve energy efficiency
--------------------------------	-------------------------------

Select from the goals listed above.

Objective(s) Number: IXa.	(16) Rehabilitation assistance to existing homeowners
--------------------------------------	---

Select from the objectives listed above.

Program/Activity Description: Energy Retrofits	This program reduces the high cost of energy in the State by installing solar panels or photovoltaic panels on lessee homes thru the use of new construction loans.
--	---

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

Goal(s) Number: X.	(3) Improve quality of substandard units
-------------------------------	--

Select from the goals listed above.

Objective(s) Number: Xa.	(19) Housing Management Services
-------------------------------------	----------------------------------

Select from the objectives listed above.

Program/Activity Description: Waimanalo Kupuna Housing Operating Subsidy	This activity establishes an Operating Subsidy for the Waimanalo Kupuna Housing from 2017 – 2046. Built in 2002 utilizing Low Income Housing Tax Credits, the operating subsidy will assist in stabilizing rental increases over the remainder of the project's LIHTC existence. The use of NHHBG funds in the project will result in tenant's maximum contribution not exceeding 30% of their gross monthly income.
--	--

Describe the planned program/activity and indicate how it will enable DHHL to meet its mission, goals, and objectives.

ONE YEAR PLAN & ANNUAL PERFORMANCE REPORT

SECTION 2: HOUSING NEEDS

(NAHASDA § 803(c)(2)(B))

(1) Type of Need: Check the appropriate box(es) below to describe the estimated types of housing needs and the need for other assistance for low-income Native Hawaiian families (columns B and C) and non-low-income Native Hawaiian families, including non-Native Hawaiian essential families [809(a)(2)(B) and (C)] (column D) eligible to be served by DHHL.

(A) Type of Need	Check All That Apply		
	(B) Low-Income Native Hawaiian Families on Hawaiian Home Lands	(C) Low-Income Native Hawaiian Families on Wait List	(D) Non-Low- Income Native Hawaiian Families
(1) Overcrowded Households	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) Renters Who Wish to Become Owners	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(3) Substandard Units Needing Rehabilitation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(4) Homeless Households	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(5) Households Needing Affordable Rental Units	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(6) College Student Housing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(7) Disabled Households Needing Accessibility	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(8) Units Needing Energy Efficiency Upgrades	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(9) Infrastructure to Support Housing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(10) Other (specify below)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(2) Other Needs. *(Describe the "Other" needs below. Note: this text is optional for all needs except "Other.")*:

The Hawaiian Homes Commission Act of 1920, as amended, established the Hawaiian Home Lands Trust and defined the population eligible to reside on Hawaiian home lands as those native Hawaiians with at least 50% Hawaiian blood and their successors or assignees of less than 50% Hawaiian blood. With approximately 8,876 leases on homesteads stretching from Hawaii Island unto Kauai, the Department of Hawaiian Home Lands was created at statehood to assist the commission in meeting its fiduciary obligations.

In 2014, DHHL contracted with SMS Research & Marketing Services, Inc. (SMS) to update the Beneficiary Needs Survey conducted in 1995, 2002 and 2008. The results estimate *half* of all existing lessees; *almost half* of all waitlist applicants; and *over half* of all potential applicants are at or below 80% of the area median income as determined by the US Department of Housing & Urban Development. Thus, over 34,000 native Hawaiian individuals/households are eligible for services under Title VIII of the Native American Housing and Self Determination Act.

Of that amount, approximately 12,000 are applicants and 17,000 are potential applicants. If we extrapolate and say that the average DHHL turnkey home is \$350,000, then the sufficient sums amount for NAHASDA new construction would look like this:

$$30,000 \times \$350,000 = \text{\$10.5 billion funding for NAHASDA new homes}$$

Of the balance of individuals/households residing on the home lands, approximately 4,500 need home repair or rehabilitation. If the average cost for home repair is \$100,000, then the sufficient sums amount for NAHASDA home rehabilitation would look like this:

$$4,500 \times \$100,000 = \text{\$450,000,000 funding for NAHASDA rehab}$$

Native Hawaiian Rehabilitation

The kupuna of our past left the native Hawaiian people a wealth of information held in the Hawaiian newspapers and the archives of the many entities that Prince Jonah Kuhio Kalaniana'ole was credited with founding. One of those entities, the Ahahui Puuhonua o na Hawaii, served as the catalyst toward the chronicling of the despair and destitution of the makaainana (commoner) in 1911. By 1918, one of the Prince's closest confidants and the kahu (pastor) of Kawaiahao Church, put the results of many years of study in publishing, "*The Sineus for Racial Development.*"¹ This book, which the Prince carried with him every day, was dedicated, "...for leaders, for those whose hearts are touched by the pressing needs of the race and are willing to offer the very best of their lives and service freely for its uplift."

The book provides a guide to the rehabilitation of the native Hawaiian people from the perspective of those who developed and championed the Hawaiian Homes Commission Act. It covers the following areas and seeks to offer counsel to any whose direction may not be clear:

1. Race Consciousness: to mean pride for, and faith in the race. That "Hawaiians must play the primary part in the solution" and that self-respect for oneself and others was a "true foundation for a successive progression in life."
2. Broadmindedness: to maintain a broad outlook on life and "a sympathetic attitude toward humanity as a whole." It encourages natives to "Give out to those about us, and to the community in which we live, the very best that we possess" and to "cultivate the ability to observe, to absorb, and to assimilate the good in other races."

1. Akana, Akaiko. (1992) *Light Upon the Midst*. Mahina Productions: Kailua-Kona, Hawaii.

3. Education: both 1 and 2 above need the “discerning power and the balanced judgment of proper education.” He describes a “Thoroughly trained mind, and a broadly cultivated hear are luminous in the soul of a nation.”
4. The Home Life: the home life is the foundation of the development of 1, 2 and 3. It is the “starting point of all social organization, the foundation of civilization.”
5. Systematic Living: the execution of the afore-mentioned activities cannot be achieved at once or in burst of energy but rather cultivated over time in a systematic fashion. Regular, good habits such as mindful eating and exercise can help to develop the fortitude to continue no matter the circumstance.
6. Godliness: the thought of ke Akua; the worship and observance of His laws provides a stabilizing relationship that leads to one’s fulfillment of one’s purpose in life. Today, with the many religious beliefs, spirituality is important to the self-fulfillment each experiences in his/her own life.

The work of the Ahahui Puuhonua o na Hawaii and its members provided Prince Kuhio the much-needed support, both at home in Hawaii and abroad in Washington, D.C. to finally pass the Hawaiian Homes Commission Act of 1920. It was an arduous task that encouraged and/or developed the following community strengthening organizations:

Royal Order of Kamehameha
Mamakakaua
Hale O Na Alii
Counties of Hawaii, Maui, Oahu and Kauai
Honolulu Civic Club
Territorial Legislature
Hawaii Republican Party

Through the Prince’s leadership and participation in each of these community endeavors, the legacy of the Prince lives on for us today. This housing plan, a descendant of Kuhio’s legacy thru the HHCA, is but a small piece of a much broader articulation of need in the State of Hawaii today. By focusing on housing, this most basic of needs acknowledged in the Western world by Maslow, the department attempts to participate in the rehabilitation of the Hawaiian people. Should every Hawaiian have a safe, affordable, decent home, with fresh water for bathing and eating and cooking and food grown or gathered nearby, we could claim success. But with over \$10 billion in need and as the average 57-year-old applicant dies on the waiting list, it does not seem likely we will be able to make such a claim without immediate and swift monetary assistance in the next few years.

(3) Planned Program Benefits. *(Describe below how your planned programs and activities will address the needs of low income families identified above. Also describe how your planned programs will address the various types of housing assistance needs. NAHASDA § 803(c)(2)(B)):*

Over the past four housing plans, DHHL has developed nearly 400 lots for vertical development. Focus has been on homeowner financing and leveraged loans with USDA Rural Housing to provide new awardees with the opportunity for safe, affordable and decent housing. However, with the drastic drop in Title VIII funding the past two years (zero in 2016 and \$2 million in 2017/2018/2019) and currently being zeroed out in the present HUD budget, the department realizes it will no longer be able to aggressively address the need identified in the preceding paragraph but rather focus on smaller, less costly activities like housing assistance vouchers.

The DHHL did release the draft AHP for thirty days of public comment; only one verbal comment was received from Mr. Bo Kahui of Lai Opua 2020. Mr. Kahui encouraged the department to include funding for model activity and to utilize New Market Tax Credit methodology in calculating whether a homestead is 80% AMI instead of census tract data.

The department was able to clarify the Commission's approval of its Model Activity Policy wherein U.S. census tract data is used and/or Community Development Block Grant census tract data. The department also clarified that the Commission had a strong focus of using NHHBG funding for lot development and vertical construction of housing.

(4) Geographic Distribution. *(Describe below how the assistance will be distributed throughout the geographic area and how this geographic distribution is consistent with the needs of low income families, including the needs for various categories of housing assistance. NAHASDA § 803(c)(2)(B)(i)):*

In early 2013, the Department confirmed the Hawaiian Homes Commission's commitment in the \$75 million NAHASDA spend down to addressing new housing opportunities for home ownership. Since the need for housing was statewide, a priority had to be developed that beneficiaries and lessees could readily understand and accept. It was determined that prioritizing based on the homestead mookuauhau would serve as the best methodology in prioritizing NAHASDA funding and the initial first three homesteads of Kalamaula, Hoolehua and Keaukaha were chosen. The programmatic funding of Home Assistance Program (home rehabilitation); HALE (financial literacy/foreclosure prevention); and Homeowner Financing (60/40 split; Deferred Sales Price; Self Help; IDA; DPA) were utilized in these areas and then expanded to other homestead areas in the last two years. Homeowner Financing are direct loans (or DPA) from the department and the availability is limited to new homestead awards coming online.

SECTION 3: PROGRAM DESCRIPTIONS

(NAHASDA § [803(c)(2)(A)], [802(c)], [820(b)], 24 CFR §1006.410(b)(2) and (3))

Planning and Reporting on Program Year Activities

For the NHHP, the purpose of this section is to describe each program that will be operating during the 12-month fiscal year. Each program must include the eligible activity, its planned outputs, intended outcome, who will be assisted, and types and levels of assistance. Each of the eligible activities has a specific, measurable output. The first column in the table below lists all eligible activities, the second column identifies the output measure for each eligible activity, and the third column identifies when to consider an output as completed for each eligible activity. Copy and paste text boxes 1.1 through 1.10 as often as needed so that all of your planned programs are included.

For the APR, the purpose of this section is to describe your accomplishments, actual outputs, actual outcomes, and any reasons for delays.

Eligible Activities May Include (citations below reference sections in NAHASDA)

Eligible Activity	Output Measure	Output Completion
(1) RESERVED – DO NOT USE THIS NUMBER		
(2) RESERVED – DO NOT USE THIS NUMBER		
(3) Acquisition of Rental Housing [810(b)(1)]	Units	When recipient takes title to the unit
(4) Construction of Rental Housing [810(b)(1)]	Units	All work completed and unit passed final inspection
(5) Rehabilitation of Rental Housing [810(b)(1)]	Units	All work completed and unit passed final inspection
(6) Acquisition of Land for Rental Housing Development [810(b)(1)]	Acres	When recipient takes title to the land
(7) Development of Emergency Shelters [810(b)(1)]	Households	Number of households served at any one time, based on capacity of the shelter
(8) Conversion of Other Structures to Affordable Housing [810(b)(1)]	Units	All work completed and unit passed final inspection
(9) Other Rental Housing Development [810(b)(1)]	Units	All work completed and unit passed final inspection
(10) Acquisition of Land for Homebuyer Unit Development [810(b)(1)]	Acres	When recipient takes title to the land
(11) New Construction of Homebuyer Units [810(b)(1)]	Units	All work completed and unit passed final inspection
(12) Acquisition of Homebuyer Units [810(b)(1)]	Units	When recipient takes title to the unit
(13) Down Payment/Closing Cost Assistance [810(b)(1)]	Units	When binding commitment signed
(14) Lending Subsidies for Homebuyers (Loan) [810(b)(1)]	Units	When binding commitment signed
(15) Other Homebuyer Assistance Activities [810(b)(1)]	Units	When binding commitment signed
(16) Rehabilitation Assistance to Existing Homeowners [810(b)(1)]	Units	All work completed and unit passed final inspection
(17) Tenant Based Rental Assistance [810(b)(2)]	Households	Count each household once per year

(18) Other Housing Service [810(b)(2)]	Households	Count each household once per year
(19) Housing Management Services [810(b)(3)]	Households	Count each household once per year
(20) Operation and Maintenance of NHHBG-Assisted Units [810(b)(3)]	Units	Number of units in inventory at Fiscal Year End
(21) Crime Prevention and Safety [810(b)(4)]	Dollars	Dollars spent (report in Uses of Funding Table only)
(22) Model Activities [810(b)(5)]	Dollars	Dollars spent (report in Uses of Funding Table only)
(23) RESERVED – DO NOT USE THIS NUMBER		
(24) Infrastructure to Support Housing [810(b)(1)]	Improved Lots	All work completed and lot passed final inspection
(25) RESERVED – DO NOT USE THIS NUMBER		

Outcome May Include:

(1) Reduce over-crowding	(7) Create new affordable rental units
(2) Assist renters to become homeowners	(8) Assist affordable housing for college students
(3) Improve quality of substandard units	(9) Provide accessibility for disabled/elderly persons
(4) Improve quality of existing infrastructure	(10) Improve energy efficiency
(5) Address homelessness	(11) Reduction in crime reports
(6) Assist affordable housing for low income households	(12) Other – must provide description in boxes 1.4 (NHHP) and 1.5 (APR)

NHHP: PLANNED FISCAL YEAR ACTIVITIES (NAHASDA § 803(c)(2)(A))

For each planned activity, complete all the non-shaded sections below. It is recommended that for each program name you assign a unique identifier to help distinguish individual programs. This unique number can be any number of your choosing, but it should be simple and clear so that you and HUD can track tasks and results under the program and collect appropriate file documentation tied to this program.

- One way to number your programs is chronologically. For example, you could number your programs 2014-1, 2014-2, 2014-3, etc.
- Or, you may wish to number the programs based on type. For example rental 1, rental 2, homebuyer 1, homebuyer 2, etc. This type of numbering system might be appropriate if you have many programs that last over several years.
- Finally, you may wish to use an outline style of numbering. For example, all programs under your first eligible activity would start with the number 1 and then be consecutively numbered as 1.1, 1.2, 1.3, etc. The programs under the second eligible activity would be numbered as 2.1, 2.2., 2.3, etc.

APR: REPORTING ON PROGRAM YEAR PROGRESS (NAHASDA § 820(b))

Complete the shaded section of text below to describe your completed program tasks and actual results. Only report on activities completed during the 12-month fiscal year. Financial data should be presented using the same basis of accounting as the Schedule of Expenditures of Federal Awards (SEFA) in the annual OMB Circular A-133' audit. For unit accomplishments, only count units when the unit was completed and occupied during the year. For households, only count the household if it received the assistance during the previous 12-month fiscal year.

*DHHL should note that new Federal government regulations on Administrative Requirements, Cost Principles, and Audit Requirements were promulgated on December 26, 2013 at 2 C.F.R. Part 200. HUD intends to update its regulations by December 26, 2014 to implement these new requirements in its programs. In the meantime, applicable OMB Circulars and the regulations at 2 C.F.R. Part 225 will continue to apply to existing grants. After HUD implements the new requirements in 2 C.F.R. Part 200 (after December 26, 2014), all grants will be subject to 2 C.F.R. Part 200, as implemented by HUD.

1.1 Program Name and Unique Identifier: 2019 Capital Improvement Projects (AHP I)

1.2 Program Description *(This should be the description of the planned program.):*

Panaewa

This activity provides infrastructure and lot development of 16 subsistence ag lots in Panaewa, Hawaii. Draft ERR being updated and awaiting County approval of DHHL zoning and subdivision request.

1.3 Eligible Activity Number *(Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):*

(24) Infrastructure to Support Housing [810(b)(1)]

1.4 Intended Outcome Number *(Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):*

(2) Assist renters to become homeowners

Describe Other Intended Outcome *(Only if you selected "Other" above.):*

1.5 Actual Outcome Number *(In the APR identify the actual outcome from the Outcome list.):*

(2) Assist renters to become homeowners

Describe Other Actual Outcome *(Only if you selected "Other" above.):*

1.6 Who Will Be Assisted *(Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a separate program within this section.):*

Applicant lessees or undivided interest lessees who meet NAHASDA criteria will receive vacant or improved lots for new home construction.

1.7 Types and Level of Assistance *(Describe the types and the level of assistance that will be provided to each household, as applicable.):*

This activity covers the cost of the infrastructure for each of the projects. As most of the infrastructure is completed, and no new moneys exist to start new CIP developments, the outputs for this housing plan year will be expenditures made for planning and design.

1.8 APR: (Describe the accomplishments for the APR in the 12-month fiscal year in accordance with 24 CFR § 1006.410(b)(2) and (3)):

Construction for the 16 subsistence ag lots in Panaewa, Hawaii expected to be completed next fiscal year will be funded with Trust funds instead of NHHBG funds. However, any NAHASDA eligible family who would like to build a residence on the subsistence ag lot could request NHHBG homeowner financing subject to funding availability.

Construction management services continued as the subdivision process is still ongoing in Keokea-Waiohuli, Maui for Phase 1A (45 lots) and Laiopua Village 4 Akau (118 lots) and Hema (125 lots), Hawaii Island. Engineering is in progress for East Kapolei IIC, Oahu (130 lots); Anahola Farm Lots Water System, Kauai; and Hoolehua Water System, Molokai. Although infrastructure in East Kapolei IIB, Oahu (160 lots) was completed long before this fiscal year, retainage was disbursed during this fiscal year. The number of lots for NAHASDA eligible families will be apportioned based on the amount of NAHASDA funds utilized as part of the overall cost for each of these projects.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Improved Lots	0	0

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

As reported in the 2018 APR, Panaewa fell behind schedule because the County of Hawaii was asserting its zoning responsibilities under chapter 205, Hawaii Revised Statutes. The State Attorney General issued an opinion during this fiscal year essentially concluding that to the extent the Land Use Commission’s classifications conflict with DHHL’s uses of its lands for homesteading purposes, the Hawaiian Homes Commission Act will control and the Land Use Commission’s classifications cannot be enforced. This AG opinion should allow for the project to move forward without further delay.

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

DHHL should broaden the project description because although the primary planned priority this fiscal year was to complete the development of 16 subsistence ag lots in Panaewa, Hawaii. Programs from prior fiscal years including Keokea-Waiohuli, Maui; Laiopua Village 4, Hawaii Island; East Kapolei IIC, Oahu; Anahola Farm Lots Water System, Kauai; and Hoolehua Water System, Molokai are still in progress and slated for completion in future fiscal years.

NOTE: Remember to complete all the text boxes in Section 3 for each NHHBG-funded program. If you are completing an electronic version of this form, you may copy and paste text boxes 1.1 through 1.11 as needed to describe each of your programs. If you are completing this form in hard copy, you may photocopy Section 3 as needed to describe each of your programs.

1.1 Program Name and Unique Identifier: Developer Financing (AHP II)

1.2 Program Description *(This should be the description of the planned program.):*

This activity will provide for funding as part of a capital stack to conduct vertical construction of Phase 1 with 60 rent with option to purchase units in Lai Opua, Village 4. Developer selected and DHHL waiting on completion of ERR to begin construction. It is not anticipated that expenditures will result in units being built until 2021.

1.3 Eligible Activity Number *(Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):*

(4) Construction of Rental Housing [810(b)(1)]

1.4 Intended Outcome Number *(Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):*

(7) Create new affordable rental units

Describe Other Intended Outcome *(Only if you selected "Other" above.):*

1.5 Actual Outcome Number *(In the APR identify the actual outcome from the Outcome list.):*

(2) Assist renters to become homeowners

Describe Other Actual Outcome *(Only if you selected "Other" above.):*

1.6 Who Will Be Assisted *(Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a separate program within this section.):*

Undivided interest lessees meeting the 80% AMI income guidelines will have the opportunity to rent with an option to purchase their unit. NAHASDA guidelines for rental projects keep the unit rents at or below 30% of the tenant's gross monthly income.

1.7 Types and Level of Assistance *(Describe the types and the level of assistance that will be provided to each household, as applicable.):*

The assistance being provided will go directly to the developer as part of the capital stack for vertical construction financing.

1.8 APR: *(Describe the accomplishments for the APR in the 12-month fiscal year in accordance with 24 CFR § 1006.410(b)(2) and (3)):*

As reported in the 2018 APR, the developer for this project was unfamiliar with NAHASDA rental requirements. After clarification from HUD, the developer opted not to utilize NHHBG funds in the project in the fourth quarter of the fiscal year after the 2019 Native Hawaiian Housing Plan was prepared.

Nevertheless, as reported in the 2017 APR, DHHL utilized this activity for its East Kapolei IIB, Oahu project to provide assistance to the developer for vertical construction of turnkey units resulting in assistance for 25 NAHASDA eligible families as explained in supplemental communication to HUD.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Units	0	0

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

As previously noted, the developer for the project opted against using NHHBG funds in light of the NAHASDA requirements regarding rentals. Nevertheless, trust funds were substituted for NHHBG funds and the goal is still to have units being built in 2021.

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

DHHL should consider if broadening the project description would be appropriate because although the primary planned priority this fiscal year was to provide developer financing in Lai Opua, Village 4, the East Kapolei IIB project providing assistance to the developer for vertical construction of turnkey units is still ongoing.

1.1 Program Name and Unique Identifier: HALE Program – Risk Mitigation (AHP III)

1.2 Program Description *(This should be the description of the planned program.):*

The HALE Program has two branches: 1) Risk Mitigation, in the form of homebuyer education services; and 2) Loss Mitigation, in the form of lease cancellation/foreclosure prevention services. This first activity will deal with Risk Mitigation. Only the Risk Mitigation is being funded with NAHASDA at this time.

The department began the HALE program pilot in August 2013, and identified barriers to loan approval and developed risk mitigation efforts to address/remove those barriers.

1.3 Eligible Activity Number *(Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):*

(18) Other Housing Service [810(b)(2)]

1.4 Intended Outcome Number *(Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):*

(2) Assist renters to become home owners

Describe Other Intended Outcome *(Only if you selected "Other" above.):*

1.5 Actual Outcome Number *(In the APR identify the actual outcome from the Outcome list.):*

(2) Assist renters to become homeowners

Describe Other Actual Outcome *(Only if you selected "Other" above.):*

1.6 Who Will Be Assisted *(Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a separate program within this section.):*

HALE's risk mitigation services will serve the families located on Oahu, Kauai and Hawaii Island in assisting beneficiaries to become loan qualified.

1.7 Types and Level of Assistance *(Describe the types and the level of assistance that will be provided to each household, as applicable.):*

In the past three years, the department has discovered that many lessees who are attempting to qualify for homestead offerings simply do not have the credit to do so. Many of these lessees have taken homebuyer education courses that have had no impact to their behavior and as a result, for example, within six months of pre-qualifying for a self-help loan, they are debt ridden and not on a budget.

The following vendors have agreements that will complete this goal and activity in July and November 2019, respectively, and will be reported as follows in the Annual Performance Report to enhance transparency and facilitate information dissemination:

Executed Agreements:

- Hawaii Home Ownership Center, 2014 Award, (Assist families on Hawaii Island & Kauai with homeownership preparation)
- Helen Wai, LLC, 2014 Award, (Assist families on Oahu with homeownership preparation)

1.8 APR: (Describe the accomplishments for the APR in the 12-month fiscal year in accordance with 24 CFR § 1006.410(b)(2) and (3)):

Two homeownership workshops held on August 17 and September 14, 2019 with 85 attendees registered and intake services, initial counseling and follow up provided for 23 NAHASDA eligible clients.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Households	5	23

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

This activity is coming to an end with new contracts being procured with non-federal funds.

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

Although new contracts are being procured with non-federal funds, there may be opportunity in the future to consider providing services to NAHASDA eligible families who are navigating through the owner builder experience.

NOTE: Remember to complete all the text boxes in Section 3 for each NHHBG-funded program. If you are completing an electronic version of this form, you may copy and paste text boxes 1.1 through 1.11 as needed to describe each of your programs. If you are completing this form in hard copy, you may photocopy Section 3 as needed to describe each of your programs.

1.1 Program Name and Unique Identifier: Homeowner Financing (AHP IV)

1.2 Program Description *(This should be the description of the planned program.):*

Financing will be provided by the department through its Direct Loan Program.

1.3 Eligible Activity Number *(Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):*

(14) Lending Subsidies for Homebuyers (Loan) [810(b)(1)]

1.4 Intended Outcome Number *(Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):*

(2) Assist renters to become homeowners

Describe Other Intended Outcome *(Only if you selected "Other" above.):*

1.5 Actual Outcome Number *(In the APR identify the actual outcome from the Outcome list.):*

(2) Assist renters to become homeowners

Describe Other Actual Outcome *(Only if you selected "Other" above.):*

1.6 Who Will Be Assisted *(Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a separate program within this section.):*

Kauai: 1 lessees, Piilani Mai Ke Kai (pending ERR)

Maui: 5 Waiohuli lessees

Molokai: 3 Package Home Lessees

Molokai: 1 Home Repair lessees

Oahu: 4 Kakaina lessees for self-help units

Hawaii: 3 Package Home lessees in Keaukaha (pending ERR)

Hawaii: 3 Home Repair lessees in Keaukaha (pending ERR)

Total: 20 lessees

1.7 Types and Level of Assistance *(Describe the types and the level of assistance that will be provided to each household, as applicable.):*

Financing for home loans statewide utilizing NHHBG funds for projects afore-mentioned.

1.8 APR: (Describe the accomplishments for the APR in the 12-month fiscal year in accordance with 24 CFR § 1006.410(b)(2) and (3)):

Five homes built in partnership with Habitat for Humanity – 3 in Piilani Mai Ke Kai, Kauai, 1 on Hawaii Island, and 1 in Kakaina, Oahu were completed and occupied in this fiscal year. The funding for four of these five homes were from prior fiscal years. In addition, financing was also provided for 1 lessee in Waimanalo, Oahu.

An additional five homes are near completion and will be counted in the next fiscal year – 2 in Waiohuli, Maui, 1 on Hawaii Island, 1 in Kakaina, Oahu, and 1 in Kanehili, Oahu. Three of these five homes were built in partnership with Habitat for Humanity and the funding for four of these five homes were also from prior fiscal years.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Units	5	6

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

The construction process is lengthy and although an estimate of one year is projected, delays in securing permits, contractors willing to complete the necessary certified payroll to comply with labor requirements, and additional excavation work can extend the construction timeline.

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

Homeowner financing is a critical component for NAHASDA eligible families, so expanding options to include down payment assistance and individual development accounts before and during construction are additional programs that could stretch NHHBG funds across more families.

NOTE: Remember to complete all the text boxes in Section 3 for each NHHBG-funded program. If you are completing an electronic version of this form, you may copy and paste text boxes 1.1 through 1.11 as needed to describe each of your programs. If you are completing this form in hard copy, you may photocopy Section 3 as needed to describe each of your programs.

1.1 Program Name and Unique Identifier: Home Assistance Program (HAP) (AHP V)

1.2 Program Description *(This should be the description of the planned program.):*

This program covers the department's attempt to address substandard, aging housing on the homelands. Using its existing partnerships with community agencies, the goal is to service the beneficiary lessees of: Kalamaula/Hoolehua/Kapaakea; Keaukaha-Panaewa; Nanakuli/Waianae; and Papakolea/Waimanalo. There are already 50 families identified or being served at present by the department.

1.3 Eligible Activity Number *(Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):*

(16) Rehabilitation Assistance to Existing Homeowners [810(b)(1)]

1.4 Intended Outcome Number *(Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):*

(3) Improve quality of substandard units

Describe Other Intended Outcome *(Only if you selected "Other" above.):*

1.5 Actual Outcome Number *(In the APR identify the actual outcome from the Outcome list.):*

(3) Improve quality of substandard units

Describe Other Actual Outcome *(Only if you selected "Other" above.):*

1.6 Who Will Be Assisted *(Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a separate program within this section.):*

Families determined and identified by HAP or subrecipient staff as eligible will be assisted.

1.7 Types and Level of Assistance *(Describe the types and the level of assistance that will be provided to each household, as applicable.):* Families determined and identified by HAP or subrecipient staff as eligible will be assisted. This includes the 20 families who were waiting for help from the C&C of Honolulu program.

Deferred, no-payment loans, subject to conditional recapture, as defined by Home Assistance Program will be provided. NAHASDA eligible families will receive \$100,000 to repair their home according to HUD Housing Quality Standards. The standards prioritize repairs for the home. Only two families remain in active home repair of the original 20 from the City & County of Honolulu's 2011 program.

1.8 APR: *(Describe the accomplishments for the APR in the 12-month fiscal year in accordance with 24 CFR § 1006.410(b)(2) and (3)).*

Two home repairs were completed in Keaukaha, Hawaii and Nanakuli, Oahu. Another two home repairs in Nanakuli and Waimanalo, Oahu were anticipated. However, burdensome sewer requirements are being conditioned by the City and County of Honolulu, so since DHHL is in the process of assessing sewers for turnover to the City and County of Honolulu, the recommended approach was to finalize these projects as

part of DHHL's ongoing sewer improvement projects. An additional three homes in Keaukaha, Hawaii and Papakolea and Waimanalo, Oahu are near completion and construction has begun on a home in Hoolehua, Molokai, which are all expected to be counted in the next fiscal year.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Units	5	2

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

As similarly reported under homeowner financing, the construction process for home repair is also lengthy and although an estimate of one year is projected, delays in securing permits and contractors willing to complete the necessary certified payroll to comply with labor requirements can extend the construction timeline. In addition, the burdensome sewer requirements for two lessees will delay completion with the goal of having this issue addressed as part of DHHL's ongoing sewer improvement projects.

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

This program, though valuable, should be re-examined to consider the high cost of abatement whether for lead based paint or asbestos and other issues such as sewer and energy requirements as well as unpermitted improvements to determine the best way forward in assisting lessees with substandard housing.

NOTE: Remember to complete all the text boxes in Section 3 for each NHHBG-funded program. If you are completing an electronic version of this form, you may copy and paste text boxes 1.1 through 1.11 as needed to describe each of your programs. If you are completing this form in hard copy, you may photocopy Section 3 as needed to describe each of your programs.

1.1 Program Name and Unique Identifier: Emergency Financing (AHP VI)

1.2 Program Description *(This should be the description of the planned program.):*

This activity provides emergency funding (CIP, fee for services) for the DHHL to use on behalf of existing lessees. In the instance where health or safety of lessee(s) may be compromised, this activity will allow for the use of NHHBG funds for emergency CIP or contract services to assist eligible families.

1.3 Eligible Activity Number *(Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):*

(24) Infrastructure to Support Housing [810(b)(1)]

1.4 Intended Outcome Number *(Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):*

(4) Improve quality of existing infrastructure

Describe Other Intended Outcome *(Only if you selected "Other" above.):*

1.5 Actual Outcome Number *(In the APR identify the actual outcome from the Outcome list.):*

(4) Improve quality of existing infrastructure

Describe Other Actual Outcome *(Only if you selected "Other" above.):*

1.6 Who Will Be Assisted *(Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a separate program within this section.):*

Assistance would be for lessees who have need for help on an emergency basis (retaining wall collapse; sewer/septic tank backup; shifting foundation; earthquake/flood/tsunami/lava flow)

1.7 Types and Level of Assistance *(Describe the types and the level of assistance that will be provided to each household, as applicable.):*

The DHHL would use NHHBG funds to carry out assistance for lessees who may be in imminent danger or health/sanitation compromised by an existing/new situation.

1.8 APR: *(Describe the accomplishments for the APR in the 12-month fiscal year in accordance with 24 CFR § 1006.410(b)(2) and (3)):*

State funding for repair and maintenance of existing infrastructure has reduced the need to utilize NHHBG funds for this purpose and no funds were expended for this program during the fiscal year.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Improved Lots	2	0

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

The aging infrastructure for some of the older homesteads is an ongoing issue, but State funding for sewer improvements in Papakolea and other communities is aimed at addressing these types of health and safety improvements.

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

DHHL eliminated this program from the housing plan for July 1, 2020 thru June 30, 2021 based on the experience from this fiscal year.

NOTE: Remember to complete all the text boxes in Section 3 for each NHHBG-funded program. If you are completing an electronic version of this form, you may copy and paste text boxes 1.1 through 1.11 as needed to describe each of your programs. If you are completing this form in hard copy, you may photocopy Section 3 as needed to describe each of your programs.

1.1 Program Name and Unique Identifier: Rental Operating Subsidy (AHP VII)

1.2 Program Description *(This should be the description of the planned program.):*

This activity provides funds for use as a rental operating subsidy to eligible rental housing on Trust Lands in Waimanalo.

1.3 Eligible Activity Number *(Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):*

(20) Operation and Maintenance of NHHBG-assisted Units

1.4 Intended Outcome Number *(Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):*

(6) Assist Affordable Housing for Low-Income Households

Describe Other Intended Outcome *(Only if you selected "Other" above.):*

1.5 Actual Outcome Number *(In the APR identify the actual outcome from the Outcome list.):*

(6) Assist affordable housing for low income households

Describe Other Actual Outcome *(Only if you selected "Other" above.):*

1.6 Who Will Be Assisted *(Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a separate program within this section.):*

The rental housing project, with up to 85 units, on Trust Lands in Waimanalo will be assisted.

1.7 Types and Level of Assistance *(Describe the types and the level of assistance that will be provided to each household, as applicable.):*

The project would be assisted with an annual operating subsidy paid directly to the development company. This elderly housing project was first occupied in 2002 and was constructed with funds from the state's Low Income Housing Trust Fund and Rental Housing Trust Fund along with funds from DHHL and the Office of Hawaiian Affairs. Many of the elderly are living on fixed income and cannot afford current rental rates under Hawaii Housing and Finance Development Corporation (HHFDC) which oversees the project and approves the rates from the developer.

1.8 APR: *(Describe the accomplishments for the APR in the 12-month fiscal year in accordance with 24 CFR § 1006.410(b)(2) and (3):*

A subsidy agreement for the Waimanalo Kupuna Housing Project provides an annual subsidy of \$250,000 per year, which amounted to over \$11,000/month ranging from \$10/month to \$513/month for 81 Kupuna and the remaining funds covered other operating expenses as provided for in the agreement. The use of NHHBG funds to cover Project rental assistance, including operating and other expenses is aimed at maintaining the affordability of rents for Kupuna residing within the Project.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Units in Inventory	40	81

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

This program was expected to start in the prior fiscal year. Nevertheless, the subsidy agreement allows for the term to be retroactive to July 1, 2018 – June 30, 2019 upon confirmation that tenants rents were charged and calculated to comply with 24 CFR Part 1006.310(a) and shall not exceed 30% of the tenants adjusted gross monthly income (24 CFR Part 1006.10).

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

None.

NOTE: Remember to complete all the text boxes in Section 3 for each NHHBG-funded program. If you are completing an electronic version of this form, you may copy and paste text boxes 1.1 through 1.11 as needed to describe each of your programs. If you are completing this form in hard copy, you may photocopy Section 3 as needed to describe each of your programs.

<p>I.I Program Name and Unique Identifier: Rental Vouchers (AHP VIII)</p>
<p>1.2 Program Description (This should be the description of the planned program.):</p> <p>This activity provides funds for rental housing vouchers (first month rent/deposit/emergency rent) to non-profits already engaged in this activity. Eligible families will be 80% AMI and beneficiaries of the Hawaiian Homes Commission Act of 1920.</p>
<p>1.3 Eligible Activity Number (Select one activity from the Eligible Activity list. Do not combine homeownership and rental housing in one activity, so that when housing units are reported in the APR they are correctly identified as homeownership or rental.):</p> <p>(17) Tenant Based Rental Assistance [8I0(b)(2)]</p>
<p>1.4 Intended Outcome Number (Select one outcome from the Outcome list. Each program can have only one outcome. If more than one outcome applies, create a separate program for each outcome.):</p> <p>(6) Assist Affordable Housing for Low-Income Households</p>
<p>Describe Other Intended Outcome (Only if you selected "Other" above.):</p>
<p>1.5 Actual Outcome Number (In the APR identify the actual outcome from the Outcome list.):</p> <p>(6) Assist affordable housing for low income households</p>
<p>Describe other Actual Outcome (Only if You selected "Other." above.):</p>
<p>1.6 Who Will Be Assisted (Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median should be included as a <u>separate program</u> within this section.):</p> <p>Eligible families under the HHCA and Title VIII of NAHASDA.</p>
<p>1.7 Types and Level of Assistance (Describe the types and the level of assistance that will be provided to each household, as applicable.):</p> <p>At present, a number of non-profits provide deposit/first months rent/emergency rent for families at risk of homelessness, overcrowding, or without shelter. The goal of this activity will have the DHHL conduct a Request for Proposals to provide funding to families eligible for this activity. With the average rent/deposit at approximately \$2000 per family, the DHHL anticipates assisting over 500 families with funds recently appropriated in the US Congress' FY18 Omnibus legislation. In this first year of this activity's setup, the DHHL is being conservative in its outputs listed under 1.9</p>

1.8 APR.: (Describe the accomplishments for the APR in the 12 months in accordance with 24 .CFR §1006.4JQ(b)(2) and (3)):

Assistance for the four families identified in the prior fiscal year continued this fiscal year and assistance for one additional lessee was provided at the end of the fiscal year. Funding for two of the four families were paid in the prior fiscal year. The monthly rent of \$2550/month for a lessee in Papakolea continued from May 2019, the security deposit and monthly rent of \$2916.65 for a lessee in Maui started with a prorated portion in June 2019, and the security deposit and monthly rent of \$1375 for a lessee in East Hawaii was paid for with funds from this fiscal year, but will cover rental assistance for the next fiscal year.

The Hawaiian Homes Commission in April 2020 authorized the establishment of the DHHL COVID-19 Emergency Rental Assistance Program utilizing NHHBG funds to provide security deposit and/or rent for up to six months to eligible Native Hawaiian families impacted by COVID-19. The program originally aimed at assisting Native Hawaiians currently on the Applicant Waiting List who may be experiencing difficulty paying rent as a result of income/job loss due to COVID-19 was expanded in June to include undivided interest lessees. After executing a contract with Aloha United Way (AUW), the program officially launched on May 11, 2020. As of June 30, AUW reported that 25 families – 16 on Oahu, 5 on Maui, 3 on Hawaii Island, and 1 on Kauai comprised of households with 52 adults and 42 minors have been approved for rental assistance ranging from \$111.50/month to \$2101.65/month.

1.9: Planned and Actual Outputs for 12-Month Fiscal Year

Type of Output to be Completed in Fiscal Year Under this Program. Enter <u>one</u> of following choices in accordance with the Eligible Activity: Units; Households; Improved Lots; Acres	Planned Number of Outputs to be completed in Fiscal Year Under this Program	APR: Actual Number of Outputs Completed in Fiscal Year
Households	15	30

1.10: APR: If the program is behind schedule, explain why. (24 CFR § 1006.410(b)(2))

The program as originally planned prior to COVID-19 anticipated a Request for Proposal (RFP) modeling programs such as the State Rental Assistance Program and Rapid Re-Housing. As the work was underway, COVID-19 required a program be launched immediately for NAHASDA eligible families currently experiencing financial difficulty.

1.11: APR: Describe the manner in which DHHL would change its housing plan as a result of its experiences. (24 CFR § 1006.410(b)(4)). NOTE: It is sufficient to provide one response to this item rather than an individual response for each NHHBG-funded program.

The lessons learned from the experience of the DHHL COVID-19 Emergency Rental Assistance Program is helping to shape how a rental assistance program may operate outside of COVID-19.

NOTE: Remember to complete all the text boxes in Section 3 for each NHHBG-funded program. If you are completing an electronic version of this form, you may copy and paste text boxes 1.1 through 1.11 as needed to describe each of your programs. If you are completing this form in hard copy, you may photocopy Section 3 as needed to describe each of your programs.

SECTION 4: AFFORDABLE HOUSING RESOURCES

This section of the NHHP is designed to provide the public with basic background information on the characteristics shaping DHHL's affordable housing programs. Each portion of the text below has several required components that must be discussed. DHHL is encouraged to carefully review the instructions for each section and provide text covering all required elements.

Housing Market (NAHASDA § 803(c)(2)(D)(i) and (ii)) *(Describe the key characteristics of the housing market in the State of Hawaii, currently, and in the period of time covered by the plan. Include a description of the availability of housing from other public sources and private market housing, and how this supply of housing affected the DHHL's program/activity choices.):*

Wages remain relatively low in Hawai'i making housing affordability a major issue for residents of the state. Because wages remain low, families living in Hawai'i often work more than one job to make ends meet. The SMS Study of 2006 indicated that 44% of all households in the state were at or below 80% of median income. According to the same report, even families with household incomes between 120% and 140% of median income in Hawai'i require affordable housing units given the high costs of housing.

Almost one fourth (22.7%) of all Hawai'i residents pay over 40% of their monthly household income toward their shelter costs and approximately one third (34%) pay over 30% of their monthly household income toward their shelter costs. However, when examined closer it is clear that those households with income levels below 80% of the area median income are more likely to be paying over 30% of their household income toward shelter costs. More specifically, for all households in the state that are at or below 80% of area median income levels, about half (52.22%) pay over 30% of their monthly income toward shelter costs and approximately 38.33% pay over 40% of their monthly income toward shelter costs. As stated previously, shelter to income ratios are higher for native Hawaiian households in that 45.5% pay over 40% of their monthly household income toward their shelter costs whereas only 36.6% of non-native households pay over 40% of their monthly household income toward shelter costs.

The department's NHHBG funded mortgage loans provide single family housing for the same or lower price than a studio in a multi-family high rise built by another housing agency in the urban core. Without NHHBG funding, the department would be unable to build or finance housing for the 80% AMI or below target population.

Cooperation (NAHASDA § 803(c)(2)(D)(iii) *(Describe the structure, coordination, and means of cooperation between DHHL and other relevant partners and organizations [including private nonprofit organizations experienced in the planning and development of affordable housing] in the development, submission, or implementation of its housing plan. In addition, DHHL must indicate if it plans to use loan guarantees under Section 184A of the Housing and Community Development Act of 1992 and any other housing assistance provided by the Federal Government.):*

The department currently partners with a number of housing agencies and organizations either thru subject matter meetings or formal MOUs or agreements. Included in each of the activities of the plan above were the names of the organizations currently or about to receive, monies from the NHHBG.

The Section 184A Loan Guarantee Program, which is similar to the Section 184 Loan Guarantee Program giving Native Americans access to private mortgage financing by providing loan guarantees to lenders, was implemented in 2007. Currently, Home Street Bank and Bank of Hawai'i are approved lenders for the Section 184 A loan program.

DHHL has been utilizing the FHA 247 loan program since 1987. Almost \$390 million in mortgage loans are outstanding through the FHA 247 loan program to lessees on Hawaiian home lands. Also available is the FHA 203K program for rehabilitation of homes. The Veterans Affairs direct loan, Rural Development (U.S. Department of Agriculture) loan programs, Federal Home Loan Bank (Seattle) Affordable Housing Program grants and low-income housing tax credits are other financing options and tools utilized on Hawaiian home lands.

Demolition and Disposition (NAHASDA § 803(c)(2)(D)(viii), 24 CFR 1006.101(b)(4)(viii) *(Describe any planned demolition or sale of NHHBG-assisted housing units, or any other demolition or disposition that will be carried out with NHHBG funds. Be certain to include a financial analysis of the proposed demolition, the timetable for any planned demolition or disposition and any other information that is required by HUD with respect to the demolition or disposition.):*

There are no 1937 Act housing on Hawaiian home lands. The DHHL does not anticipate demolishing any units funded by the NHHBG.

Coordination (NAHASDA § 803(c)(2)(D)(ix) *(Describe how DHHL will coordinate with partners to promote employment and self-sufficiency opportunities for residents of affordable housing.)*):

The State of Hawai'i Department of Human Services (DHS) administers individual and family financial assistance programs that provide cash payments to help individuals and families meet their basic needs. The programs include Temporary Assistance to Needy Families (TANF), Temporary Assistance to Other Needy Families (TAONF), General Assistance (GA), Aid to the Aged, Blind and Disabled (AABD) and the Food Stamps program. Medical assistance is provided through the Hawai'i QUEST and Medicaid fee-for-services programs. Vocational rehabilitation services are provided to persons with disabilities. Whenever the DHHL staff is made aware of a lessee in need, the families are referred to DHS or to an appropriate non-profit service provider.

Safety (NAHASDA § 803(c)(2)(D)(x)) *(Describe how DHHL will promote crime prevention and resident involvement in affordable housing.)*:

The DHHL continues to coordinate efforts with the Police Narcotics Division, the Sherriff's Office and the Attorney General's Office—Investigative Division to do surveillance and to evict the offending occupants whenever there is evidence of drug problems or other crimes in the homestead areas. If investigation results in a conviction, the lessee is taken to a contested case hearing for lease cancellation.

Capacity (NAHASDA § 803(c)(2)(D)(xi)) *(Describe the structure, capacity, and key personnel of the entities that will carry out the program/activities of the housing plan.):*

The DHHL was created by the State Legislature in 1964 to administer the Hawaiian home lands program and manage the Hawaiian home lands trust. The DHHL is one of eighteen principal agencies of the Executive Branch of the State of Hawai'i.

The DHHL serves native Hawaiians or individuals of at least 50% Hawaiian blood, as defined by the Hawaiian Homes Commission Act of 1920, as amended, and their successors and assigns. These native Hawaiians are the beneficiaries of the Hawaiian home lands trust consisting of a land trust of over 200,000 acres, settlement monies from the State for the mismanagement of trust lands, funds received from the State general fund for a portion of its operating costs, and revenues and earnings from the land leasing program.

The DHHL is governed by a nine-member board of commissioners headed by the Chairman, who also serves as the executive officer of the DHHL. The Governor of the State of Hawai'i appoints each commissioner and Chairman to a four-year term. The terms of the commissioners are staggered.

Currently, there are 99 full time employees in DHHL with six offices statewide. DHHL's main administrative office is located in Kapolei, Oahu and the five (5) district offices are located on neighbor islands. There are two (2) district offices on the Big Island, one in Hilo (East Hawaii) and one in Waimea (West Hawai'i), Hawai'i; one (1) district office in Lihue, Kauai; one (1) district office in Wailuku, Maui; and one (1) district office in Kalamaula, Molokai. DHHL is organized into five offices and three divisions under the Hawaiian Homes Commission and Office of the Chairman. The various offices and divisions are described as follows:

Office of the Chairman (OCH) — 20 staff members

The Office of the Chairman consists of the Chairman of the Hawaiian Homes Commission, who is also the Director of Department of Hawaiian Home Lands; the Deputy to the Chairman, the Executive Assistant; the NAHASDA Manager, HALE Manager, NAHASDA Program Specialist, NAHASDA Compliance Specialist, NAHASDA Clerk; and executive staff.

Administrative Services Office (ASO) – 7 staff members

The Administrative Services Office provides DHHL staff support in the areas of personnel, budgeting, program evaluation, information and communication systems, risk management, facilities management, clerical services and other administrative services. This office also provides support services in preparation of legislative proposals and testimonies, coordinates the preparation of reports to the legislature and facilitates the rule-making process.

Fiscal Office (FO) – 12 staff members

The Fiscal Office provides accounting support for DHHL. One accountant is dedicated to the NHHBG whose position is currently vacant.

Planning Office (PO) - 8 staff members

The Planning Office conducts research and planning studies required in the development of policies, programs, and projects to benefit native Hawaiians. The PO coordinates and develops the Regional Plans, administers the Native Hawaiian Development Program, provides capacity building training

for homestead organizations, and provides community based grants for the implementation of Regional priority projects, community based economic development, and membership development.

Information and Community Relations Office (ICRO) – 2 staff members

The Information and Community Relations Office disseminates information to the public on Department issues, oversees community relations with the various homestead communities and coordinates DHHL's ceremonies. They also publish DHHL's annual reports to the State Legislature.

Homestead Services Division (HSD) – 32 staff members

HSD is composed of three branches: 1) Homestead Applications, 2) District Operations, and 3) Loan Services. HSD is the largest division in DHHL, has staff on all islands, and services more than 25,000 applicants and 8,000 lessees on five islands.

Land Management Division (LMD) – 12 staff members

LMD is responsible for managing Hawaiian home lands that are not used for homestead purposes. Unencumbered lands are managed and disposed of for long and short term uses in order to generate revenues and keep the lands productive while minimizing the occurrence of vegetative overgrowth, squatting or illegal dumping. LMD is responsible for properly managing the lands in DHHL's inventory.

Land Development Division (LDD) – 17 staff members

LDD is charged with the responsibility of developing trust lands for homesteading and income-producing purposes. This is accomplished through the development of properties for residential, agricultural, pastoral, and economic development uses. LDD has three operating branches: 1) Design and Construction – concentrating on the design and construction of off-site and on-site improvements for the various subdivisions; and 2) Master-Planned Community – expediting the construction of housing options through partnerships with private sector and exploring other housing opportunities; and, 4) Housing Project—awards leases.

The following is a listing of the key personnel responsible for the implementation of DHHL and NAHASDA assisted programs:

Hawaiian Homes Commission (HHC)

Jobie M.K. Masagatani, Chairman
David Kaapu, West Hawaii Commissioner
Wallace "Wally" Ishibashi, East Hawaii Commissioner
Randy Awo, Maui Commissioner
Zachary Helm, Molokai Commissioner
Pauline Namuo, Oahu Commissioner
Michael P. Kahikina, Oahu Commissioner
Wren Wescoatt, Oahu Commissioner
Dennis Neves, Kauai Commissioner

Department of Hawaiian Home Lands

Jobie M. K. Masagatani, Director
William J. Aila, Jr., Deputy to the Chairman
Rodney Lau, Administrative Services Officer
Pearl Teruya, Fiscal Management Officer
Andrew Choy, Acting Planning Program Manager

Kip Akana, HHL Compliance and Community Relations Officer
Niniau Simmons, Manager (NAHASDA)
Trisha Paul, Program Specialist (NAHASDA)
Cynthia Rezentes, NAHASDA Compliance Specialist
Michelle Hitzeman, HALE Manager
Paula Aila, Finance and Development Manager
Cedric Duarte, Information & Community Relations Officer
Juan Garcia, Homestead Services District Supervisor III
Nina Fisher, East Hawaii Homestead District Supervisor
James Du Pont, West Hawaii Homestead District Supervisor II
Gene Ross Davis, Molokai Homestead District Supervisor II
Dean Oshiro, Housing Services Division Administrator
Carol Ann Takeuchi, Housing Specialist
Nadine Pomroy, Clerk (NAHASDA)
Stewart Matsunaga, Land Development Division Administrator
Kelbert Yoshida, Engineer III
Jeff Fujimoto, Engineer IV

SECTION 5: BUDGETS

(1) Sources of Funding (NAHASDA § 803(c)(2)(C)(i) and 820(b)(1)) (Complete the **non-shaded** portions of the chart below to describe your estimated or anticipated sources of funding for the 12-month fiscal year. **APR Actual Sources of Funding -- Please complete the shaded portions of the chart below to describe your actual funds received. Only report on funds actually received and under a grant agreement or other binding commitment during the 12-month fiscal year.**)

SOURCE	NHHP					APR					
	(A) Estimated amount on hand at beginning of fiscal year	(B) Estimated amount to be received during 12-month fiscal year	(C) Estimated total sources of funds (A + B)	(D) Estimated funds to be expended during 12-month fiscal year	(E) Estimated unexpended funds remaining at end of fiscal year (C minus D)	(F) Actual amount on hand at beginning of fiscal year	(G) Actual amount received during 12-month fiscal year	(H) Actual total sources of funding (F + G)	(I) Actual funds expended during 12-month fiscal year	(J) Actual unexpended funds remaining at end of 12-month fiscal year (H minus I)	(K) Actual unexpended funds obligated but not expended at end of 12-month fiscal year
1. NHHBG Funds	8,400,000	2,000,000	10,400,000	7,570,000	2,830,000	14,638,221.26	2,000,000	16,638,221.26	1,093,433.66	15,544,787.60	11,564,147.34
2. NHHBG Program Income	0	480,000	480,000	480,000	0	0	1,473,781.71	1,473,781.71	1,473,781.71	0	0
LEVERAGED FUNDS											
3. Other Federal Funds							4,116,168.15	4,116,168.15	4,116,168.15		
4. LIHTC											
5. Non-Federal Funds											
TOTAL	8,400,000	2,480,000	10,880,000	8,050,000	2,830,000	14,638,221.26	7,589,949.86	22,228,171.12	6,683,383.52	15,544,787.60	11,564,147.34

Notes:

- For the NHHP, fill in columns A, B, C, D, and E (non-shaded columns). For the APR, fill in columns F, G, H, I, J, and K (shaded columns).
- Total of Column D should match the total of Column N from the Uses Table on the following page.
- Total of Column I should match the Total of Column Q from the Uses Table on the following page.**
- For the NHHP, describe any estimated leverage in Line 3 below. For the APR, describe actual leverage in Line 4 below (APR).

(2) **Uses of Funding** (NAHASDA § 803(c)(2)(C)(ii)) (Note that the budget should not exceed the total funds on hand (Column C) and insert as many rows as needed to include all the programs identified in Section 3. **Actual expenditures in the APR section are for the 12-month fiscal year.**)

PROGRAM NAME (tie to program names in Section 3 above)	Unique Identifier	NHP				APR			
		(L) Prior and current year NHHBG (only) funds to be expended in 12-month fiscal year	(M) Total all other funds to be expended in 12-month fiscal year	(N) Total funds to be expended in 12-month fiscal year (L + M)	(O) Total NHHBG (only) funds expended in 12-month fiscal year	(P) Total all other funds expended in 12-month fiscal year	(Q) Total funds expended in 12-month fiscal year (O+P)		
2019 CIP	AHP I	250,000	100,000	350,000	2,389.20	305,748.32	308,137.52		
Developer Financing	AHP II	5,000,000		5,000,000					
HALE Risk Mitigation	AHP III	50,000		50,000		10,101.04	10,101.04		
Homeowner Financing	AHP IV	1,000,000	280,000	1,280,000	662,065.22	2,693,645.78	3,355,711		
HAP	AHP V	400,000		400,000	100,000	96,160	196,160		
Emergency Financing	AHP VI	100,000	100,000	200,000					
Rental Operating Subsidy	AHP VII	250,000		250,000		250,000	250,000		
Rental Vouchers	AHP VIII	20,000		20,000	5,833.30	2,057,358.25	2,063,191.55		
Planning and Administration Loan Repayment – describe in 3 and 4 below.		500,000		500,000	323,145.94	176,936.47	500,082.41		
TOTAL		7,570,000	480,000	8,050,000	1,093,433.66	5,589,949.86	6,683,383.52		

Notes:

- Total of Column L cannot exceed the NHHBG funds from Column C, Row 1 from the Sources Table on the previous page.
- Total of Column M cannot exceed the total from Column C, Rows 2-10 from the Sources Table on the previous page.
- Total of Column O cannot exceed total NHHBG funds received in Column H, Row 1 from the Sources Table on the previous page.**
- Total of Column P cannot exceed total of Column H, Rows 2-10 of the Sources Table on the previous page.**
- Total of Column Q should equal total of Column I of the Sources Table on the previous page.**

(3) Estimated Sources or Uses of Funding (NAHASDA § 803(c)(2)(C)). (Provide any additional information about the estimated sources or uses of funding, including leverage (if any). You must provide the relevant information for any planned loan repayment. The text must describe which specific loan is planned to be repaid and the NAHASDA-eligible activity and program associated with this loan):

The department anticipates using only program income and block grant balances for activities in this housing plan.

(4) APR (NAHASDA § 820(b)(1)) (Enter any additional information about the actual sources or uses of funding, including leverage (if any)).

This program year saw the reimbursement of over \$4 million of NHHBG funds planned for expenditure under an agreement with a developer to finance the construction of 100 housing units in the East Kapolei IIB project on Oahu. Although the intended target for this development were families who are income eligible with an undivided interest lease, the initial response to this offering appeared to indicate that a higher number of families would be above the income eligibility requirement. In order to ensure that the NHHBG funds were utilized for families who met the income eligibility requirement, the decision was made to reimburse \$5 million of NHHBG funds with trust funds. A little less than \$1 million of NHHBG funds were reimbursed in the prior fiscal year. In addition, over \$1.4 million in program income was realized as a result of NAHASDA loans.

SECTION 6: OTHER SUBMISSION ITEMS

(1) Useful Life/Affordability Period(s) (NAHASDA § 813, 24 CFR § 1006.305) *(Describe your plan or system for determining the useful life/affordability period of the housing assisted with NHHBG funds. A record of the current, specific useful life/affordability period for housing units assisted with NHHBG funds must be maintained in DHHL's files and available for review for the useful life/affordability period.):*

DHHL has established the following affordability periods to describe the term during which DHHL will keep the unit affordable:

<u>NHHBG Funds Invested</u>	<u>Affordability Period</u>
Up to \$24,999	6 months
\$25,000 to \$50,000	1 year
\$50,001 to \$100,000	10 years
\$100,001 to \$150,000	20 years
\$150,001 and above	30 years

The affordability period is based on the total amount of NHHBG funds invested in the development and/or rehabilitation of a housing unit. Resale and recapture provisions will be included as a condition of the Hawaiian homestead lease to enforce the affordability restriction for each assisted housing unit.

(2) Model Housing and Over-Income Activities (NAHASDA § 810(b)(5) and 809(a)(2)(B), 24 CFR § 1006.225 and 1006.301(b)) *(If you wish to undertake a model housing activity or wish to serve non-low-income households during the 12-month fiscal year, those activities may be described here. Each approved model activity must be included as a separate program in Section 3 (Program Descriptions) and the APR portions of Section 3 must be completed in the APR submission for any approved model activity.):*

The department does not intend to service non-low-income families or conduct model activities in the program year.

(3) Anticipated Planning and Administration Expenses (NAHASDA § 802(d), 24 CFR § 1006.230)

Do you intend to exceed your allowable spending cap for Planning and Administration? Yes No

If yes, describe why the additional funds are needed for Planning and Administration.

SECTION 7: NATIVE HAWAIIAN HOUSING PLAN CERTIFICATION OF COMPLIANCE
(NAHASDA § 803(c)(2)(E))

By signing the NHHP, you certify that you have all required policies and procedures in place in order to operate any planned NHHBG programs.

- (1) In accordance with applicable statutes, the recipient certifies that it will comply with Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.) or with the Fair Housing Act (42 U.S.C. 3601 et seq.) in carrying out the NHHBG program, to the extent that such Acts are applicable, and other applicable federal statutes.

Yes No

The following certifications will only apply where applicable based on program activities.

- (2) The recipient will require adequate insurance coverage for housing units that are owned and operated or assisted with grant amounts provided under NAHASDA, in compliance with such requirements as may be established by HUD.

Yes No Not Applicable

- (3) Policies are in effect and are available for review by HUD and the public governing the eligibility, admission, and occupancy of families for housing assisted with grant amounts provided under NAHASDA.

Yes No Not Applicable

- (4) Policies are in effect and are available for review by HUD and the public governing rents charged, including the methods by which such rents or homebuyer payments are determined, for housing assisted with grant amounts provided under NAHASDA.

Yes No Not Applicable and

- (5) Policies are in effect and are available for review by HUD and the public governing the management and maintenance of housing assisted with grant amounts provided under NAHASDA.

Yes No Not Applicable

SECTION 8: SELF-MONITORING

(NAHASDA § 819(b), 24 CFR § 1006.401)

(1) Do you have a procedure and/or policy for self-monitoring?

Yes No

(2) Did you conduct self-monitoring, including monitoring sub-recipients?

Yes No

(3) Self-Monitoring Results. *(Describe the results of the monitoring activities, including inspections for this program year.):*

Self-monitoring was conducted through July 2020. The areas reviewed included: 1) Audit Report, 2) Financial Health Assessment, 3) Fiscal & Financial Management, 4) Procurements & Contract, 5) Resident Eligibility & Service Standards, 6) Organizational Control Environment, 7) Labor Standards & Contract Administration, 8) Complaint Management, 9) APR Development, 10) Assuming Environmental Review, and 11) Physical Assets. A few highlights from these different areas include the following: 1) The Audit report for fiscal year ending June 30, 2019 was received by the Federal Audit Clearing house on March 13, 2020. 2) NHHBG funds were not obligated within two years because last fiscal year saw the reimbursement of nearly \$5 million of NHHBG funds - \$4 million for the Lalamilo project and nearly \$1 million for developer financing in East Kapolei and this fiscal year saw the reimbursement of an additional \$4 million for developer financing in East Kapolei. This \$9 million needed to be spent before other funds could be obligated. With the expenditure of these funds, DHHL is anticipating the obligation of NHHBG funds within two years. 3) Financial reports are submitted in a timely manner and expenditures are supported with appropriate documentation for each program year. 4) Two NAHASDA staff completed state procurement training during the fiscal year. 5) In addition to ensuring continued determination of income eligibility for NAHASDA assisted families, the expenditure of funds in this fiscal year for the Waimanalo Kupuna Housing project resulted in review of the rent, occupancy, and management of this project. 6) The NAHASDA Loan Assistant position was filled on May 1, 2020, although adequate staffing remains an issue. Given the budget limitations and hiring freeze, DHHL will continue to deploy as many resources as possible including contracting services through organizations like AUW, the vendor for the emergency rental assistance program. 7) DHHL continues to ensure compliance with Davis-Bacon wage rates and other labor requirements. 8) The Information & Community Relations Officer is largely responsible for Complaint Management and has indicated that a software workflow will be added to improve reporting on complaints. 9) HUD Honolulu staff provided training on the Annual Performance Report and Monitoring on June 18, 2020. 10) The open finding as it pertains to environmental review was partially addressed through additional training by two DHHL staff during this fiscal year and through continued discussion with HUD Honolulu staff. 11) The final inspection report for East Kapolei IIB was provided and as previously noted the inspection and maintenance of the Waimanalo Kupuna Housing project was reviewed.

SECTION 9: INSPECTIONS

(NAHASDA § 819(b))

(1) Inspection of Units (Use the table below to record the results of inspections of assisted housing.)

(A)		(B)	(C)
Activity		Total number of units inspected	Total number of units (Inventory)
NAHASDA-Assisted Units: Running inventory as of Fiscal Year Beginning (July 1) a 12-month total.			
a.	New Construction Completed	5	584
b.	Rehab/Repair Completed	2	97
c.	Rental Assistance (if applicable)	81	
d.	Other		
Total		88	681

(2) Did you comply with your inspection policy: Yes No:

(3) If no, why not:

SECTION 10: AUDITS

(24 CFR § 1006.375(d))

This section is used to indicate whether an Office of Management and Budget Circular A-133* audit is required, based on a review of your financial records.

Did you expend \$500,000* or more in total Federal awards during the APR reporting period?

Yes No

If Yes, an audit is required to be submitted to the Federal Audit Clearinghouse and the Office of Native American Programs.

If No, an audit is not required.

*DHHL should note that new Federal government regulations on Administrative Requirements, Cost Principles, and Audit Requirements were promulgated on December 26, 2013 at 2 C.F.R. Part 200. HUD intends to update its regulations by December 26, 2014 to implement these new requirements in its programs. Audits covering recipients' fiscal years that begin in January 2015 will be subject to the revised audit requirements. In the meantime, applicable OMB Circulars and the regulations at 2 C.F.R. Part 225 will continue to apply to grants until implementation of the new requirements.

SECTION 11: PUBLIC AVAILABILITY

(NAHASDA § 820(d), 24 CFR § 1006.410(c))

(1) Did you make this APR available to the beneficiaries of the Hawaiian Homes Commission Act before it was submitted to HUD?

Check one: Yes No

(2) If you answered “No” to question #1, provide an explanation as to why not and indicate when you will do so.

(3) Summarize any comments received from the beneficiaries (NAHASDA § 820(d)(2)).

Public comment will be received from July 21, 2020 thru August 27, 2020. The final draft of this APR will be submitted to HUD by August 28, 2020.

SECTION 12: JOBS SUPPORTED BY NAHASDA
(NAHASDA § 820)

Use the table below to record the number of jobs supported with NHHBG funds each year (including DHHL staff, Subrecipient staff, Contractors, etc.).

Native Hawaiian Housing Block Grant Assistance (NHHBG)	
(1) Number of Permanent Jobs Supported	33
(2) Number of Temporary Jobs Supported	9

(3) Narrative (optional):

SECTION 13: NHHP WAIVER REQUESTS

(NAHASDA § 802(b)(2), 24 CFR 1006.20(b))

THIS SECTION IS ONLY REQUIRED IF DHHL IS REQUESTING A WAIVER OF A NHHP SECTION OR A WAIVER OF THE NHHP SUBMISSION DUE DATE. Fill out the form below if you are requesting a waiver of one or more sections of the NHHP. **NOTE:** This is NOT a waiver of the NHHBG program requirements but rather a request to waive some of the NHHP submission items because DHHL cannot comply due to circumstances beyond its control.

(1) List below the sections of the NHHP where you are requesting a waiver and/or a waiver of the NHHP due date. *(List the requested waiver sections by name and section number):*

(2) Describe the reasons that you are requesting this waiver *(Describe completely why you are unable to complete a particular section of the NHHP or could not submit the NHHP by the required due date.):*

(3) Describe the actions you will take in order to ensure that you are able to submit a complete NHHP in the future and/or submit the NHHP by the required due date. *(This section should completely describe the procedural, staffing or technical corrections that you will make in order to submit a complete NHHP in the future and/or submit the NHHP by the required due date.):*

(4) Recipient:	
(5) Authorized Official's Name and Title:	
(6) Authorized Official's Signature:	
(7) Date (MM/DD/YYYY):	

SECTION 14: NHHP AMENDMENTS

(24 CFR § 1006.101(d))

Use this section for NHHP amendments only.

Fill out the text below to summarize your NHHP amendment. Copy and paste Section 14 for each amendment. This amendment is only required to be submitted to the HUD Office of Native American Programs when the recipient is adding a new activity that was not described in the current One-Year Plan that has been determined to be in compliance by HUD. All other amendments will be reflected in the APR and do not need to be submitted to HUD.

NOTE: A Cover Page is strongly recommended but not required with a NHHP Amendment submission.

APR: REPORTING ON PROGRAM YEAR PROGRESS (NAHASDA § 820(b))

Complete the shaded section of text below to describe your completed program tasks and actual results. Only report on activities completed during the 12-month fiscal year. Financial data should be presented using the same basis of accounting as the Schedule of Expenditures of Federal Awards (SEFA) in the annual OMB Circular A-133* audit. For unit accomplishments, only count units when the unit was completed and occupied during the year. For households, only count the household if it received the assistance during the previous 12-month fiscal year.

*DHHL should note that new Federal government regulations on Administrative Requirements, Cost Principles, and Audit Requirements were promulgated on December 26, 2013 at 2 C.F.R. Part 200. HUD intends to update its regulations by December 26, 2014 to implement these new requirements in its programs. In the meantime, applicable OMB Circulars and the regulations at 2 C.F.R. Part 225 will continue to apply to existing grants. After HUD implements the new requirements in 2 C.F.R. Part 200 (after December 26, 2014), all grants will be subject to 2 C.F.R. Part 200, as implemented by HUD.

(1) Program Name and Unique Identifier:
(2) Program Description (<i>This should be the description of the planned program.</i>):
(3) Eligible Activity Number (<i>Select one activity from the Eligible Activities list in Section 3. Do not combine homeownership and rental housing in one activity, so that when units are reported in the APR they are correctly identified as homeownership or rental.</i>):

(4) Intended Outcome Number (Select one Outcome from the Outcome list in Section 3.):

Describe Other Intended Outcome (Only if you selected "Other" above.):

(5) Actual Outcome Number (Select one Outcome from the Outcome list in Section 3.):

Describe Other Actual Outcome (Only if you selected "Other" above.):

(6) Who Will Be Assisted (Describe the types of households that will be assisted under the program. Please note: assistance made available to families whose incomes exceed 80 percent of the median income should be included as a separate program within this Section.):

(7). Types and Level of Assistance (Describe the types and the level of assistance that will be provided to each household, as applicable.):

(8). APR: (Describe the accomplishments for the APR in the 12-month fiscal year. In accordance with 24 CFR § 1006.410(b)(2) and (3), provide an analysis and explanation of cost overruns or high unit costs.):

(9). Planned and Actual Outputs for 12-Month Fiscal Year

Planned Number of Units to be Completed in Year Under this Program	Planned Number of Households To Be Served in Year Under this Program	Planned Number of Acres To Be Purchased in Year Under this Program	APR: Actual Number of Units Completed in Fiscal Year	APR: Actual Number of Households Served in Fiscal Year	APR: Actual Number of Acres Purchased in Fiscal Year

(11) Amended Sources of Funding (NAHASDA § 803(c)(2)(C)(i)) (Complete the non-shaded portions of the chart below to describe your estimated or anticipated sources of funding for the 12-month fiscal year. **APR Actual Sources of Funding -- Please complete the shaded portions of the chart below to describe your actual funds received. Only report on funds actually received and under a grant agreement or other binding commitment during the 12-month fiscal year.**)

SOURCE	NHHP				APR						
	(A) Estimated amount on hand at beginning of fiscal year	(B) Estimated amount to be received during 12-month fiscal year	(C) Estimated total sources of funds (A + B)	(D) Estimated funds to be expended during 12-month fiscal year	(E) Estimated unexpended funds remaining at end of fiscal year (C minus D)	(F) Actual amount on hand at beginning of fiscal year	(G) Actual amount received during 12-month fiscal year	(H) Actual total sources of funding (F + G)	(I) Actual funds expended during 12-month fiscal year	(J) Actual unexpended funds remaining at end of 12-month fiscal year (H minus I)	(K) Actual unexpended funds obligated but not expended at end of 12-month fiscal year
6. NHHBG Funds											
7. NHHBG Program Income											
LEVERAGED FUNDS											
8. Other Federal Funds											
9. LIHTC											
10. Non-Federal Funds											
TOTAL											

Notes:

- a. For the NHHP, fill in columns A, B, C, D, and E (non-shaded columns). For the APR, fill in columns F, G, H, I, J, and K (shaded columns).
- b. Total of Column D should match the total of Column N from the Uses Table on the following page.
- c. Total of Column I should match the Total of Column Q from the Uses Table on the following page.

(13) Estimated Sources or Uses of Funding (NAHASDA § 803(c)(2)(C)). (Provide any additional information about the estimated sources or uses of funding, including leverage (if any). You must provide the relevant information for any planned loan repayment listed in the Uses Table on the previous page. The text must describe which specific loan is planned to be repaid and the NAHASDA-eligible activity and program associated with this loan):

(14) APR (NAHASDA § 820(b)(1)) (Enter any additional information about the actual sources or uses of funding, including leverage (if any). You must provide the relevant information for any actual loan repayment listed in the Uses Table on the previous page. The text must describe which loan was repaid and the NAHASDA-eligible activity and program associated with this loan.):

(15) Recipient:	
(16) Authorized Official's Name and Title:	
(17) Authorized Official's Signature:	I certify that all other sections of the NHP approved on _____ are accurate and reflect the activities planned.
(18) Date (MM/DD/YYYY):	

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission
From: Lehua Kinilau-Cano, HHL Legislative Analyst *Lehua Kinilau-Cano*
Subject: Approval to Extend the DHHL COVID-19 Emergency Rental Assistance Program from Not More Than Six (6) Months to Twelve (12) Months of Assistance

RECOMMENDATION/ACTION:

The Hawaiian Homes Commission (HHC) approve the extension of the DHHL COVID-19 Emergency Rental Assistance Program from Not More Than Six (6) Months to Twelve (12) Months of Assistance.

DISCUSSION

On April 21, the HHC authorized the establishment of the DHHL COVID-19 Emergency Rental Assistance Program utilizing Native Hawaiian Housing Block Grant (NHHBG) funds made available in accordance with the Native American Housing Assistance and Self-Determination Act (NAHASDA) and other federal laws including Public Law 115-141, the Consolidated Appropriations Act, 2018, which provided that NHHBG funds may be used to provide rental assistance to eligible Native Hawaiian families both on and off the Hawaiian Home Lands. The Commission action was aimed at assisting Native Hawaiians currently on the Applicant Waiting List who may be experiencing difficulty paying rent as a result of income/job loss due to COVID-19 and was expanded in June to include Undivided Interest Lessees. The DHHL COVID-19 Emergency Rental Assistance Program as initially proposed would provide for the payment of security deposit and/or rent for up to six months with an additional six months on a case-by-case basis subject to funding availability.

This original Commission action was subsequent to the Governor's initial through the Fifth Supplementary Proclamations for COVID-19 implementing enhanced social distancing requirements and an eviction moratorium continuing through April 30, 2020 unless terminated by separate proclamation. Since that time, the Governor has issued the Eleventh Proclamation related to the COVID-19 Emergency extending the disaster emergency relief period through August 31, 2020. In light of the four-month extension and the expected continued extension with the increased number of COVID-19 cases, a six-month extension of the DHHL COVID-19

Emergency Rental Assistance Program is reasonable given the information available at this time.

Since the Commission action, the DHHL COVID-19 Emergency Rental Assistance Program officially launched on May 11 and in a little over 3 months of the program, 50 Native Hawaiians currently on the Applicant Waiting List and 3 Undivided Interest Lessees were approved for assistance, 129 applications are pending documentation and verification, and 12 were disqualified (8 are not on the Applicant Waiting List, 2 didn't meet the income requirement, and 2 doesn't have a legitimate landlord). Of the 53 approved, 7 are on Hawaii Island, 1 on Kauai, 11 on Maui, and 34 on Oahu ranging in assistance from \$111.50 to \$2642.96/month assisting 108 adults and 79 minors.

The contract with the Aloha United Way (AUW) requires a determination that Native Hawaiians seeking assistance meet the requirements of the program. The contract also included a provision that the names of those assisted would be provided to DHHL for attendance for financial counseling. While the current HALE program is geared to provide homeownership assistance services, these Native Hawaiians currently on the Applicant Waiting List and Undivided Interest Lessees who have sought emergency rental assistance may require assistance navigating through the various programs or case management beyond which DHHL currently provides. Thus, an amendment to the current NAHASDA Annual Housing Plan may be needed to provide these case management services, which will likely be a requirement for Native Hawaiian Applicants and Undivided Interest Lessees receiving DHHL COVID-19 Emergency Rental Assistance.

RECOMMENDED MOTION/ACTION

Staff respectfully requests approval of the motion as recommended.

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission
From: Lehua Kinilau-Cano, HHL Legislative Analyst *Lehua Kinilau-Cano*
Subject: For Information Only - Summary of Responses to Proposed Legislative Action Request for 2021 & Draft Legislative Proposals

RECOMMENDED ACTION/MOTION:

None; For information only.

DISCUSSION

Outreach commenced since last month's Hawaiian Homes Commission meeting requesting input on DHHL's Legislative Package for the 2021 legislative session. An email was sent to the 9 Commissioners, 129 staff, 187 testifiers on DHHL related measures from the 2016-2020 legislative sessions, 39 legislative talk story attendees, and 113 homestead associations and other stakeholders. The outreach list is attached as Exhibit 'A'. ICRO assisted by posting the information on DHHL's website and social media platforms.

26 proposals were received. Here's a summary of the proposals:

Issue	Submitted by	Result
Operation of a Kupuna Day Care Center or one care home in the community	Homestead association	Sufficient sums budget included \$250,000 from Puwalu for feasibility study
Hawaiian Homes Commission nomination process	Homestead association	Consider a study
\$7 million for water source development	Homestead association	Sufficient sums budget included \$15.5 million from Puwalu
\$500,000 for community park	Homestead association	Sufficient sums budget included \$300,000 from Puwalu
Riparian Rights	Homestead association	More review
ADU homes limited to immediate family or qualified lessee's only	Lessee	Proposed rules for SDUs would allow for pilot on res lots

Issue	Submitted by	Result
Managing available funds to prepare beneficiaries to move quickly onto DHHL lands	Lessee	Legislation not required
Children of those who died on the waitlist have higher percentage than some of the recipients who have land passed on to them	Stakeholder	Kuhio Lease Option
Allow beneficiaries to grow marijuana to be sold in dispensaries managed by community associations	Lessee	Included
Private mortgage insurance should not be required for loans with a loan-to-value less than 80%	Lessee	More review
Streamline sales of existing homes where lessee failed to sell the home within 90 days at fair market value	Lessee	More review
Funding for Naiwa to provide infrastructure so lessees can build on the lots	Lessee	Sufficient sums budget included \$9 million
Counties responsible for infrastructure developed in compliance with county requirements	Lessee	Included
Independent legal counsel	Stakeholder	HHC approved proposal for 2017 & 2020 Sessions
Address Invasive Species	Staff	More review
Representation on the Commission on Water Resource Management	Staff	HHC approved proposal for 2017 Session
Representation on the Board of Agriculture	Staff	Model after representation on CWRM
Representation on the Board of Directors of the Agribusiness Development Corporation	Staff	Model after representation on CWRM
Reduce development fees	Staff	Included
Streamline grants process	Staff	More review
Community reinvestment	Staff	More review
Ensure DHHL's allocation of Statewide resources	Staff	More review
Financing Cesspool conversion	Staff	Included

Issue	Submitted by	Result
Counties treatment of DHHL in the management of water & awarding of water credits	Staff	Included
Increase cost of water license	Staff	Included
Exempt DHHL housing development from general excise tax	Staff	Included

After considering the responses received, twelve draft legislative proposals are summarized below and the actual draft of the bills and/or justification sheets are enclosed in Exhibit 'B'.

PROPOSAL SUMMARY

Proposal HHL-01(21)
RELATING TO INDEPENDENT LEGAL COUNSEL.

This proposal allows the Department to retain independent legal counsel to be paid by the State and use the services of the attorney general as needed when the interests of the State and the department are aligned.

The Department has a trust duty to its beneficiaries and in the fulfillment of its trust obligations, the department may at times be at odds with the interests of the State. It is at these times that the department must be assured that its counsel provides legal guidance strictly in the interest of its client. Independent counsel that is hired and retained by the department eliminates any cloud of uncertainty that there is a conflict of interest that the department is represented by the Attorney General's office that also represents the State of Hawai'i.

This measure has not been part of the Administration's legislative package, but has been introduced by several legislators over the past few years and has not passed.

Proposal HHL-02(21)
RELATING TO THE COMMISSION ON WATER RESOURCE MANAGEMENT

This proposal adds the Chairman of the Hawaiian Homes Commission or the Chairman's designee to the Commission on Water Resource Management.

The Water Code requires that planning decisions of the Commission on Water Resource Management ensure that sufficient water remain available for current and foreseeable development

and use of Hawaiian Home Lands. In order to further the interest of beneficiaries, the Chairman of the Hawaiian Homes Commission or the Chair's designee should serve as an ex officio voting member of the Commission on Water Resource Management.

This measure has not been part of the Administration's legislative package, but has been introduced and has not passed.

Proposal HHL-03(21)
RELATING TO AGRICULTURE

This proposal adds the Chairman of the Hawaiian Homes Commission to the Board of Agriculture.

The Hawaii Department of Agriculture headed by the Board of Agriculture works to support, enhance, promote, and protect Hawaii's agriculture and aquaculture industries. The Hawaiian Homes Commission Act authorizes the Department to lease agricultural lands or lands used for aquaculture purposes. As the State looks to increase food security across the State, the interests of agricultural homestead lessees should be represented on the Board of Agriculture.

Proposal HHL-04(21)
RELATING TO AGRICULTURE

This proposal adds the Chairman of the Hawaiian Homes Commission to the Board of Directors of the Agribusiness Development Corporation.

The mission of the Agribusiness Development Corporation is to provide leadership and advocacy for the conversion of agribusiness into a dynamic growth industry. The Hawaiian Homes Commission Act authorizes the Department to lease agricultural lands or lands used for aquaculture purposes. As the State looks to increase food security across the State, the interests of agricultural homestead lessees should be represented on the Board of Directors of the Agribusiness Development Corporation.

Proposal HHL-05(21)
RELATING TO HOUSING

This proposal exempts any housing development for the Department of Hawaiian Home lands from school impact fee requirements.

Lands set aside for use as Hawaiian Home Lands were withdrawn for other purposes, including public schools, since the enactment of the Hawaiian Homes Commission Act. Additionally, the Department provides affordable housing that often account for

the educational facilities that may be needed to support the community with the siting of public schools, public charter schools, early learning facilities, and other similar facilities on or near Hawaiian Home Lands.

Proposal HHL-06(21)
RELATING TO HOUSING

This proposal exempts any housing development for the Department of Hawaiian Home lands from general excise taxes.

The Department provides housing at affordable rates when compared to similar housing available in Hawaii. In order to further the interest of beneficiaries, any housing development for the Department should be exempt from general excise taxes.

Proposal HHL-07(21)
RELATING TO CESSPOOLS

This proposal establishes a low interest loan program to offer financial assistance for lessees on Hawaiian Home Lands with cesspools to be upgraded or converted to septic systems or aerobic treatment unit systems, or connected to existing sewer systems or any other wastewater treatment systems approved by the Department of Health.

Cesspools are a nonpoint contamination source of great concern. Collectively, the State's cesspools release more than 53 million gallons of untreated sewage into the ground each day. In response to the State's cesspool pollution problem, legislation was enacted in 2017 that requires all cesspools not excluded by the Director of Health to be upgraded or converted to septic systems or aerobic treatment unit systems, or connected to sewage systems by January 1, 2050. In order to work toward meeting this deadline, cesspools on Hawaiian Home Lands could be a good place to start.

Proposal HHL-08(21)
RELATING TO THE COUNTY BOARDS OF WATER SUPPLY

This proposal clarifies requirements on the County Boards of Water Supply to reserve water credits for the use of the Department of Hawaiian Home Lands.

The lack of available water has been and remains a significant barrier to the State's ability to develop Hawaiian Homes projects. Working with the Department of Hawaiian Home Lands, the Commission on Water Resource Management has set some

ground water and surface water reservations for Hawaiian Homes projects on each island with lands set aside for homesteading purposes. Nevertheless, some Counties treat the Department of Hawaiian Home Lands like any other developer without differentiating or prioritizing water for Hawaiian Homes projects.

Only the draft bill proposal is attached, the justification sheet will be provided next month.

Proposal HHL-09(21)
RELATING TO WATER RIGHTS

This proposal sets the upset price for water that is leased to no less than 80% of the total cost of the least expensive actually practicable source of water for the given use, as determined by an independent third-party appraiser.

The Native Hawaiian Rehabilitation Fund benefits from revenues generated by the disposition of water rights.

Only the draft bill proposal is attached, the justification sheet will be provided next month.

Proposal HHL-10(21)
RELATING TO COUNTIES

This proposal requires the Counties to maintain infrastructure on Hawaiian Home Lands that were built to County standards.

The Department of Hawaiian Home Lands complies with County requirement when developing subdivisions, yet the maintenance of roads, sewers, sidewalks, and other improvements are often still the responsibility of the Department.

Only the justification sheet is attached, the bill proposal will be provided next month.

Proposal HHL-11(21)
RELATING TO MEDICAL MARIJUANA

This proposal expands the pilot marijuana dispensary program administered by the Department of Health to add 7 additional licenses - (1) West Hawai'i, (1) East Hawai'i, (1) Maui, (1) Molokai, (2) O'ahu, and (1) Kaua'i - to the Department of Hawaiian Home Lands.

The Department's purpose of rehabilitating native Hawaiians would be furthered by affording the Department the opportunity to enter this highly profitable and successful market. Under the current pilot program, only eight (8) licenses were issued Statewide, which limits competition and the opportunity for native Hawaiian communities to participate. Moreover, this would provide additional opportunity for utilization of the Department's agricultural lands.

Only the justification sheet is attached, the bill proposal will be provided next month.

Proposal HHL-12(21)
RELATING TO INDUSTRIAL HEMP

This proposal expands the pilot industrial hemp program administered by the Department of Agriculture to make the Department of Hawaiian Home Lands an eligible applicant for an industrial hemp license and cultivation of industrial hemp.

The Department's large agricultural land holdings provide great opportunity for the State to diversify its economic outputs and revenue. The opportunity to cultivate industrial hemp would increase jobs and training for native Hawaiians in the development of this new sector.

Only the justification sheet is attached, the bill proposal will be provided next month.

CONCLUSION

These draft legislative proposals will be finalized and submitted for approval by the Commission next month and submitted for review by the Governor, Department of the Attorney General, and the Department of Budget & Finance. The proposals are pending final approval and no proposal is considered part of the package until final approval is granted by the Governor. In this phase of the review process, the department may amend or withdraw any measure.

RECOMMENDED ACTION/MOTION:

None; For information only.

TESTIFIERS ON DHHL RELATED MEASURES FROM 2016	
Name	Organization
Kihei Ahuna	
Paula Aila	
Kainea Aiwohi	
Micah Alameda	
Aldene Albinio	
Kahana Albinio	
Annelle Amaral	Association of Hawaiian Civic Clubs
Amber	
Kamakana Aquino	Waimanalo Hawaiian Homes Association
Don Aweau	
Natasha Boteilho	
Quenton Browm	
Michelle Brown	
Bill Brown	Pana'ewa Hawaiian Home Lands Community Association
Doreen N. Canto	
S Carreira	
Kathleen Pua Chin	
Demont Conner	Ho`omana Pono, LLC
Leimana DaMate	Aha Moku Advisory Council
Robin Danner	Sovereign Councils of the Hawaiian Homelands Assembly
Rosie F Davis	
Vince Kanai Dodge	
Jeffrey Fujimoto	
Doreen Gaspar	Kapaakea Hawaiian Homestead Assn
Makanalani Gomes	
Kama Hopkins	
Wallace A. Ishibashi Jr.	
Sharronlee Joseph	
Wilma Noelani Joy	
Elmer Ka`ai	
Kaala	
Patrick Kahawaiolaa	Keaukaha Community Association
Kate Kahoano	
Craig "Bo" Kahui	Villages of Laiopua Association
Rachel L. Kailianu	Ho`omana Pono, LLC
Carol Lee Kamekona	
Diane Kanealii	Kailapa Community Association
Roger Kanealii	
Lilia Kapuniai	
Marion Kapuniai	
Michelle Kauhane	
Puni Kekauoha	
Kapua Keliikoa-Kamai	
Leimomi Khan	Kalihi Palama Hawaiian Civic Club
Derek Kimura	

TESTIFIERS ON DHHL RELATED MEASURES FROM 2017	
Name	Organization
Lawrence Lasua	Kalamaula Homesteaders Association
Alexander Akana	
Melody Alcon	
Carl M Jellings Sr	
Jim Cisler	
Asti Merino	
Teri Heede	
Robert K. Lindsey, Jr.	
Lorry A Merino	
Stephen Park	
Piilani Akana	
Melissa Rietfors	
Suzanne Marciel	
Kalola Kaulili	
Faataatia Lauifi Jr	
Shaye K Lauifi	
Tanya Lauifi	
Shane Nelsen	
Puanani Etcheverry	
Mapu Kekahuna	
Dawn Tanimoto	
Noelani	
Reis Haitsuka	
Kalani Johnston	
Robert Kaaihue	
Jerry Wayne Flowers Jr	
Solomon P Kahooalahala	
Crystal Kia Paul	
Jimmy Gomes	
Tyson Kubo	
Verna Uyetake	
Kealakai Knoche	
Sherry Sasada	
Frances Dinnan	
Ronald Lee	
Kahili Norman	
Debbie Kini	
Kimberlee Woodward	
Maxine Anderson	
Shon Bowden III	

TESTIFIERS ON DHHL RELATED MEASURES FROM 2018	
Name	Organization
	League of Women Voters
Melodie Aduja	OCC Legislative Priorities Committee
Kuheha Asiu	
Rhiannon Chandler-lao	
Randy Ching	
Robert Chong	
Kris Coffield	Imua Alliance
Henry Curtis	Life of the Land
Kaipo Gomes	
Jean Lilley	Hawaii Habitat for Humanity
Terrence L. Walsh, Jr.	Catholic Charities Hawaii
TESTIFIERS ON DHHL RELATED MEASURES FROM 2019	
Name	Organization
Peter Apo	
Rochelle Kawelo	Waianae Hawaiian Civic Club
Maile Luuwai	Keaukaha Panaewa Farmers Association
Jodi Akau	Kanehile NSW Patrol Coordinator
Josiah Jury	
Linda Jury	
Benton Kealii Pang	Ke One O Kakuhihewa
Harold Johnston, Jr.	
Raytan Vares	
Bobby Hall	
TESTIFIERS ON DHHL RELATED MEASURES FROM 2020	
Name	Organization
Mahealani Cypher	Ko'olaupoko Hawaiian Civic Club
Pauline Namuo	
	Kupuna for the Mo'opuna
Lacey Akau	
Kekailoa Perry	
Oz Stender	
Cheryl Burghardt	
Antoinette Almeida	
Paul Shinkawa	
Jonathan Likeke Scheuer	
Maydeen Lu	
Kapua Medeiros	
Herring Kalua Jr.	
Ku Ching	
Kelii Ioane Jr.	
Lance Nobriga	
Daniel Arias	
Leah Pereira	
Melvin Ioane Hanohano Sr	
Sharon Freitas	

OTHER STAKEHOLDERS	
Name	Organization
Keeaumoku Kapu	Aha Moku o Maui Inc.
Kammy Purdy	Ahupua`a o Moloka`i
Black Ho`ohuli	Ahupua`a o Nanakuli
Dre Kalili	Association of Hawaiian Civic Clubs
Jalna Keala	Association of Hawaiian Civic Clubs
Blossom Feiteira	Association of Hawaiians for Homestead Lands
Samson Brown	Au Puni O Hawaii
Lahela Williams	Hawaiian Community Assets, Inc.
Jeff Gilbreath	Hawaiian Community Assets, Inc.
Kealii Lopez	Imua Hawaii
Piilani Hanohano	Kamehameha Schools
Melissa Pavlicek	Kamehameha Schools
Vivian Ainoa	Kamiloloa One Alii Homestead Association
Roth Puahala	Ke One O Kakuhihewa
Paula Kekahuna	Maku`u Farmers Association
Uilani Kapu	Na Aikane O Maui
Mililani Trask	Na Koa Ikaika Ka Lahui Hawaii
Roxanne Hanawahine	Na Ohana o Puaoi a me Hanawahine
Paige Kapiolani Barber	Nanakuli Housing Corporation
	Native Hawaiian Education Council
Pohai Ryan	Native Hawaiian Hospitality Association
Camille Kalama	Native Hawaiian Legal Corporation
Alan Murakami	Native Hawaiian Legal Corporation
Kaliko Chun	Nelson case
Sterling Wong	Office of Hawaiian Affairs
Apela Peahi	Peahi Ohana
Ronald Kodani	Piihonua Hawaiian Homestead Community Association
Roy Oliveira	Waiehu Kou Phase 3 Association
Daniel Ornellas	Waiehu Kou Phase 3 Association
Cynthia Rezentes	
Keoni Agard	
Keoni Bunag	
Sharlette Poe	
Randy Akee	
Carrie Ann Shirota	
Puahai Hookano	
Nina Fisher	
Kahunawai Wright	
Patti Barbee	
Walterbea Aldeguar	
Karen Awana	
Jolyn Ballenti	
Esther Kiaaina	
Geanine Gomes	
Georgie Navarro	

OTHER STAKEHOLDERS	
Name	Organization
Kaukaohu Wahilani	
Kali Watson	Hawaiian Community Development
Scott Abrigo	Kapolei Community Development Corporation
Eric Enos	Ka'ala Farms
	Queens
	Papa Ola Lokahi
Kawika Riley	Liliuokalani Trust
Namaka Rawlins	Aha Punana Leo
Davis Price	Office of Hawaiian Affairs
Angela Correa-Pei	Kamehameha Schools
Sylvia Hussey	Office of Hawaiian Affairs
Keola Lindsey	Office of Hawaiian Affairs
Keone Nakoa	Office of Hawaiian Affairs
Lisa Watkins	Office of Hawaiian Affairs
Sheri Daniels	Papa Ola Lokahi
Tercia Ku	Papa Ola Lokahi
Mervina Cash-Kaeo	Alu Like
Sommerset Wong	Kamehameha Schools
Ka'ano'i Walk	Kamehameha Schools
Kau'i Burgess	Kamehameha Schools
Melissa Umemori Hampe	Kamehameha Schools
Olu Campbell	Kamehameha Schools
Sam Kippen	Kamehameha Schools
Kanakolu Noa	Kamehameha Schools
Diane Paloma	Lunalilo Home
Hailama Farden	Association of Hawaiian Civic Clubs
Makana Paris	Association of Hawaiian Civic Clubs
Kaiwi Yoon	Bishop Museum
Kanoe Tjorvatjoglou-Cup Choy	Council for Native Hawaiian Advancement
Colin Kippen	Council for Native Hawaiian Advancement
Zuri Aki	Council for Native Hawaiian Advancement
Capsun Poe	Department of Education
Kau'i Sang	Department of Education
Kevin Chang	Kuaaiana Ulu Auamo
Summer Keliipio	Liliuokalani Trust
Taffi Wise	Kanu o ka Aina Learning Ohana
Joseph Lapilio	Waianae Economic Development Council
David Forman	William S Richardson School of Law
Kapua Sproat	William S Richardson School of Law
Kukui Maunakea-Forth	MA'O Organic Farms

A BILL FOR AN ACT

RELATING TO INDEPENDENT LEGAL COUNSEL.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. Section 28-8.3, Hawaii Revised Statutes, is
2 amended as follows:

3 (1) By amending subsection (a) to read as follows:

4 "(a) No department of the State other than the attorney
5 general may employ or retain any attorney, by contract or
6 otherwise, for the purpose of representing the State or the
7 department in any litigation, rendering legal counsel to the
8 department, or drafting legal documents for the department;
9 provided that the foregoing provision shall not apply to the
10 employment or retention of attorneys:

11 (1) By the public utilities commission, the labor and
12 industrial relations appeals board, and the Hawaii
13 labor relations board;

14 (2) By any court or judicial or legislative office of the
15 State; provided that if the attorney general is
16 requested to provide representation to a court or
17 judicial office by the chief justice or the chief
18 justice's designee, or to a legislative office by the

____.B. NO.____

- 1 speaker of the house of representatives and the
2 president of the senate jointly, and the attorney
3 general declines to provide such representation on the
4 grounds of conflict of interest, the attorney general
5 shall retain an attorney for the court, judicial, or
6 legislative office, subject to approval by the court,
7 judicial, or legislative office;
- 8 (3) By the legislative reference bureau;
- 9 (4) By any compilation commission that may be constituted
10 from time to time;
- 11 (5) By the real estate commission for any action involving
12 the real estate recovery fund;
- 13 (6) By the contractors license board for any action
14 involving the contractors recovery fund;
- 15 (7) By the office of Hawaiian affairs;
- 16 (8) By the department of commerce and consumer affairs for
17 the enforcement of violations of chapters 480 and
18 485A;
- 19 (9) As grand jury counsel;
- 20 (10) By the Hawaii health systems corporation, or its
21 regional system boards, or any of their facilities;
- 22 (11) By the auditor;

____.B. NO.____

- 1 (12) By the office of ombudsman;
- 2 (13) By the insurance division;
- 3 (14) By the University of Hawaii;
- 4 (15) By the Kahoolawe island reserve commission;
- 5 (16) By the division of consumer advocacy;
- 6 (17) By the office of elections;
- 7 (18) By the campaign spending commission;
- 8 (19) By the Hawaii tourism authority, as provided in
- 9 section 201B-2.5;
- 10 (20) By the division of financial institutions for any
- 11 action involving the mortgage loan recovery fund;
- 12 (21) By the office of information practices; [~~or~~]
- 13 (22) By the department of Hawaiian home lands; provided
- 14 that:
- 15 (A) The department of Hawaiian home lands may use the
- 16 services of the attorney general as needed and
- 17 when the interests of the State and the
- 18 department of Hawaiian home lands are aligned;
- 19 and
- 20 (B) Legal fees owed to independent counsel shall be
- 21 paid by the State; or

.B. NO.

1 [~~(22)~~] (23) By a department, if the attorney general, for
2 reasons deemed by the attorney general to be good and
3 sufficient, declines to employ or retain an attorney
4 for a department; provided that the governor waives
5 the provision of this section."

6 (2) By amending subsection (c) to read as follows:

7 "(c) Every attorney employed by any department on a full-
8 time basis, except an attorney employed by the public utilities
9 commission, the labor and industrial relations appeals board,
10 the Hawaii labor relations board, the office of Hawaiian
11 affairs, the Hawaii health systems corporation or its regional
12 system boards, the department of commerce and consumer affairs
13 in prosecution of consumer complaints, insurance division, the
14 division of consumer advocacy, the University of Hawaii, the
15 Hawaii tourism authority as provided in section 201B-2.5, the
16 office of information practices, the department of Hawaiian home
17 lands, or as grand jury counsel, shall be a deputy attorney
18 general."

19 SECTION 2. Statutory material to be repealed is bracketed
20 and stricken. New statutory material is underscored.

21
22

____.B. NO.____

1 SECTION 3. This Act shall take effect upon its approval.

2

3 INTRODUCED BY: _____

4

BY REQUEST

____.B. NO.____

Report Title:

Department of Hawaiian Home Lands; Legal Counsel

Description:

Allows the Department of Hawaiian Home Lands to retain independent legal counsel as needed. Authorizes the Department of Hawaiian Home Lands to use the services of the Attorney General as needed and when the interests of the State and the Department of Hawaiian Home Lands are aligned. Provides that funds owed to independent legal counsel shall be paid by the State.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO INDEPENDENT LEGAL COUNSEL.

PURPOSE: Allows the Department of Hawaiian Home Lands to retain independent legal counsel to be paid by the State and also use the services of the Attorney General as needed when the interests of the State and the Department of Hawaiian Home Lands are aligned.

MEANS: Amend section 28-8.3(a) and (c), Hawaii Revised Statutes.

JUSTIFICATION: The department has a trust duty to its beneficiaries and in the fulfillment of its trust obligations, the department may at times be at odds with the interests of the State. It is at these times that the department must be assured that its counsel provides legal guidance strictly in the interest of its client. Independent counsel that is hired and retained by the department eliminates any cloud of uncertainty that there is a conflict of interest that the department is represented by the Attorney General's office that also represents the State of Hawaii.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by allowing the department to retain independent legal counsel.

Impact on the department and other agencies: This proposal could reduce the legal services provided by the Attorney General's office.

GENERAL FUND: \$500,000.

HHL-01(21)

EXHIBIT B

OTHER FUNDS: None.

PPBS PROGRAM
DESIGNATION: HHL 625.

OTHER AFFECTED
AGENCIES: None.

EFFECTIVE DATE: Upon approval.

A BILL FOR AN ACT

RELATING TO THE COMMISSION ON WATER RESOURCE MANAGEMENT.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that the requirements of
2 section 174C-101(a), Hawaii Revised Statutes, providing that
3 adequate reserves of water for current and foreseeable
4 development of Hawaiian Home Lands be incorporated and protected
5 decisions of the commission on water resource management can be
6 improved through representation on the commission on water
7 resource management. The purpose of this bill is to add the
8 chairman of the hawaiian homes commission or the chairman's
9 designated representative to the commission on water resource
10 management similar to the director of health or the director's
11 designee.

12 SECTION 2. Section 174C-7, Hawaii Revised Statutes, is
13 amended by amending subsections (a) and (b) to read as follows:

14 "(a) There is established within the department a
15 commission on water resource management consisting of [~~seven~~
16 eight members which shall have exclusive jurisdiction and final
17 authority in all matters relating to implementation and

____.B. NO.____

Report Title:

Water Commission; Membership; Chairman of the Hawaiian Homes Commission or Designee

Description:

Adds the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative to the Commission on Water Resource Management.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO THE COMMISSION ON WATER RESOURCE MANAGEMENT.

PURPOSE: Adds the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative to the Commission on Water Resource Management.

MEANS: Amend section 174C-7 (a) and (b), Hawaii Revised Statutes.

JUSTIFICATION: The Water Code requires that planning decisions of the Commission on Water Resource Management ensure that sufficient water remain available for current and foreseeable development and use of Hawaiian Home Lands. In order to further the interest of beneficiaries of the Hawaiian Homes Commission Act, the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative should serve as an ex officio voting member of the Commission on Water Resource Management.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by allowing the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative to serve as an ex officio voting member of the Commission on Water Resource Management.

Impact on the department and other agencies: An additional member would now serve on the Commission on Water Resource Management.

GENERAL FUND: None.

OTHER FUNDS: None.

HHL-02(21)

EXHIBIT B

Page 2

PPBS PROGRAM
DESIGNATION:

HHL 625.

OTHER AFFECTED
AGENCIES:

None.

EFFECTIVE DATE:

Upon approval.

HHL-02(21)

EXHIBIT B

A BILL FOR AN ACT

RELATING TO AGRICULTURE.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that section 207(a) of
2 the Hawaiian Homes Commission Act, 1920, as amended, authorizes
3 the department of hawaiian home lands to lease to native
4 Hawaiians the right to the use and occupancy of not more than
5 forty acres of agricultural lands or lands used for aquaculture
6 purposes. As the State of Hawaii looks to increase food
7 security across the State, the interests of agricultural
8 homestead lessees should be represented. The purpose of this
9 bill is to add the chairman of the hawaiian homes commission or
10 the chairman's designated representative to the board of
11 agriculture, similar to the chairperson of the board of land and
12 natural resources and the director of business, economic
13 development, and tourism.

14 SECTION 2. Section 26-16, Hawaii Revised Statutes, is
15 amended by amending subsection (a) to read as follows:

16 "(a) The department of agriculture shall be headed by an
17 executive board to be known as the board of agriculture. The
18 board shall consist of [~~ten~~] eleven members:

____.B. NO.____

- 1 (1) One who shall be a resident of the county of Hawaii;
- 2 (2) One who shall be a resident of the county of Maui;
- 3 (3) One who shall be a resident of the county of Kauai;
- 4 (4) Four at large; and
- 5 (5) The chairperson of the board of land and natural
6 resources; the chairman of the hawaiian homes
7 commission; the director of business, economic
8 development, and tourism; and the dean of the
9 University of Hawaii college of tropical agriculture
10 and human resources, or their designated
11 representatives, who shall serve as ex officio voting
12 members.

13 The majority of the members of the board shall be from the
14 agricultural community or the agricultural support sector. The
15 appointment, tenure, and removal of the members and the filling
16 of vacancies on the board shall be as provided in section 26-34.
17 The governor shall appoint a chairperson of the board from the
18 members."

19 SECTION 3. Statutory material to be repealed is bracketed
20 and stricken. New statutory material is underscored.

21

22

____.B. NO.____

1 SECTION 4. This Act shall take effect upon its approval.

2

3

INTRODUCED BY: _____

4

BY REQUEST

____.B. NO.____

Report Title:

Board of Agriculture; Membership; Chairman of the Hawaiian Homes Commission

Description:

Adds the Chairman of the Hawaiian Homes Commission to the Board of Agriculture.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO AGRICULTURE.

PURPOSE: Adds the Chairman of the Hawaiian Homes Commission to the Board of Agriculture.

MEANS: Amend section 26-16(a), Hawaii Revised Statutes.

JUSTIFICATION: The Hawaii Department of Agriculture headed by the Board of Agriculture works to support, enhance, promote, and protect Hawaii's agriculture and aquaculture industries. In order to further the interest of beneficiaries of the Hawaiian Homes Commission Act, the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative should serve as an ex officio voting member of the Board of Agriculture.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by allowing the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative to serve as an ex officio voting member of the Board of Agriculture.

Impact on the department and other agencies: An additional member would now serve on the Board of Agriculture.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM DESIGNATION: HHL 625.

OTHER AFFECTED AGENCIES: None.

HHL-03(21)

EXHIBIT B

Page 2

EFFECTIVE DATE: Upon approval.

HHL-03 (21)

EXHIBIT B

A BILL FOR AN ACT

RELATING TO AGRICULTURE.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that section 207(a) of
2 the Hawaiian Homes Commission Act, 1920, as amended, authorizes
3 the department of hawaiian home lands to lease to native
4 Hawaiians the right to the use and occupancy of not more than
5 forty acres of agricultural lands or lands used for aquaculture
6 purposes. As the State of Hawaii looks to increase food
7 security across the State, the interests of agricultural
8 homestead lessees should be represented. The purpose of this
9 bill is to add the chairman of the hawaiian homes commission or
10 the chairman's designated representative to the board of
11 directors of the agribusiness development corporation, similar
12 to the director of business, economic development, and tourism;
13 the chairperson of the board of agriculture; and the chairperson
14 of the board of land and natural resources.

15 SECTION 2. Section 163D-3, Hawaii Revised Statutes, is
16 amended by amending subsection (b) to read as follows:

17 "(b) The board of directors of the corporation shall
18 consist of [~~eleven~~] twelve voting members, of whom eight shall

.B. NO.

1 be appointed by the governor. The terms of these eight members
2 shall be four years; provided that, commencing on July 1, 2005,
3 the governor shall reduce the terms of those initially appointed
4 so as to provide, as nearly as can be, for the expiration of an
5 equal number of terms at intervals of one year. The eight
6 members shall be selected on the basis of their knowledge,
7 experience, and proven expertise in small and large businesses
8 within the agricultural industry, agricultural economics,
9 banking, real estate, finance, promotion, marketing, and
10 management. Of these eight members, one shall be from the city
11 and county of Honolulu, one shall be from the county of Hawaii,
12 one shall be from the county of Maui, one shall be from the
13 county of Kauai, and four shall be appointed at-large. The
14 director of business, economic development and tourism; the
15 chairperson of the board of agriculture; ~~and~~ the chairperson
16 of the board of land and natural resources; and the chairman of
17 the hawaiian homes commission, or their designated
18 representatives, shall be ex-officio, voting members of the
19 board. All members shall continue in office until their
20 respective successors have been appointed and qualified. The
21 board shall annually elect its chairperson from among its

____.B. NO.____

1 members; provided that the chairperson shall not be an ex-
2 officio member."

3 SECTION 3. Statutory material to be repealed is bracketed
4 and stricken. New statutory material is underscored.

5 SECTION 4. This Act shall take effect upon its approval.

6

7

INTRODUCED BY: _____

8

BY REQUEST

____.B. NO.____

Report Title:

Agribusiness Development Corporation; Board Membership; Chairman of the Hawaiian Homes Commission

Description:

Adds the Chairman of the Hawaiian Homes Commission to the Board of Directors of the Agribusiness Development Corporation.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO AGRICULTURE.

PURPOSE: Adds the Chairman of the Hawaiian Homes Commission to the Board of Directors of the Agribusiness Development Corporation.

MEANS: Amend section 163D-3(b), Hawaii Revised Statutes.

JUSTIFICATION: The mission of the Agribusiness Development Corporation is to provide leadership and advocacy for the conversion of agribusiness into a dynamic growth industry. In order to further the interest of beneficiaries of the Hawaiian Homes Commission Act, the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative should serve as an ex officio voting member of the Board of Directors of the Agribusiness Development Corporation.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by allowing the Chairman of the Hawaiian Homes Commission or the Chairman's designated representative to serve as an ex officio voting member of the Board of Directors of the Agribusiness Development Corporation.

Impact on the department and other agencies: An additional member would now serve on the Board of Directors of the Agribusiness Development Corporation.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM DESIGNATION: HHL 625.

HHL-04(21)

EXHIBIT B

OTHER AFFECTED
AGENCIES:

None.

EFFECTIVE DATE:

Upon approval.

A BILL FOR AN ACT

RELATING TO HOUSING.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that lands utilized by
2 the department of hawaiian home lands to provide housing for
3 native Hawaiians are offered at affordable rates when compared
4 to similar housing available in Hawaii. Since the enactment of
5 the Hawaiian Homes Commission Act, 1920, as amended, lands set
6 aside for use as hawaiian home lands have been withdrawn for
7 other purposes, including public schools. Moreover, development
8 on hawaiian home lands often account for the educational
9 facilities that may be needed to support the community with the
10 siting of public schools, public charter schools, early learning
11 facilities, and other similar facilities on or near hawaiian
12 home lands. The purpose of this bill is to exempt any housing
13 development for the department of hawaiian home lands from
14 school impact fee requirements.

15 SECTION 2. Section 302A-1603, Hawaii Revised Statutes, is
16 amended by amending subsection (b) to read as follows:

17 "(b) The following shall be exempt from this section:

____.B. NO. _____

- 1 (1) Any form of housing permanently excluding school-aged
- 2 children, with the necessary covenants or declarations
- 3 of restrictions recorded on the property;
- 4 (2) Any form of housing that is or will be paying the
- 5 transient accommodations tax under chapter 237D;
- 6 (3) All nonresidential development; [~~and~~]
- 7 (4) Any development with an executed contribution
- 8 agreement or other like document with the department
- 9 for the contribution of school sites or payment of
- 10 fees for school land or school construction; and
- 11 (5) Any housing development for the department of hawaiian
- 12 home lands."

13 SECTION 3. Statutory material to be repealed is bracketed
 14 and stricken. New statutory material is underscored.

15 SECTION 4. This Act shall take effect upon its approval.

16

17 INTRODUCED BY: _____

18

BY REQUEST

____.B. NO. _____

Report Title:

School Impact Fees; Exemption

Description:

Exempts any housing development for the Department of Hawaiian Home Lands from school impact fee requirements.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO HOUSING.

PURPOSE: Exempts any housing development for the Department of Hawaiian Home Lands from school impact fees.

MEANS: Amend section 302A-1603(b), Hawaii Revised Statutes.

JUSTIFICATION: Lands set aside for use as Hawaiian Home Lands were withdrawn for other purposes, including public schools, since the enactment of the Hawaiian Homes Commission Act, 1920, as amended. Additionally, the Department of Hawaiian Home Lands provides affordable housing that often account for the educational facilities that may be needed to support the community. In order to further the interest of beneficiaries of the Hawaiian Homes Commission Act, any housing development for the Department of Hawaiian Home Lands should be exempt from school impact fees.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by exempting any housing development for the Department of Hawaiian Home Lands from school impact fees.

Impact on the department and other agencies: More funding could be allocated toward the development of housing instead of fees.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM DESIGNATION: HHL 625.

HHL-05(21)

EXHIBIT B

Page 2

OTHER AFFECTED
AGENCIES:

None.

EFFECTIVE DATE:

Upon approval.

HHL-05(21)

EXHIBIT B

___ .B. NO. ___

A BILL FOR AN ACT

RELATING TO HOUSING.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that lands utilized by
2 the department of hawaiian home lands to provide housing for
3 native Hawaiians are offered at affordable rates when compared
4 to similar housing available in Hawaii. The purpose of this
5 bill is to exempt any housing development for the department of
6 hawaiian home lands from general excise taxes.

7 SECTION 2. Section 237-29, Hawaii Revised Statutes, is
8 amended to read as follows:

9 "(a) All gross income received by any qualified person or
10 firm for the planning, design, financing, construction, sale, or
11 lease in the State of a housing project that has been certified
12 or approved under section 201H-36 shall be exempt from general
13 excise taxes.

14 (b) All gross income received by a nonprofit or a limited
15 distribution mortgagor for low- and moderate-income housing
16 project certified or approved under section 201H-36 shall be
17 exempt from general excise taxes.

.B. NO.

1 (c) All gross income received by any qualified person or
2 firm for the planning, design, financing, or construction of any
3 housing development for the department of hawaiian home lands
4 shall be exempt from general excise taxes.

5 (d) The director of taxation and the Hawaii housing
6 finance and development corporation shall adopt rules pursuant
7 to chapter 91 for the purpose of this section, including any
8 time limitation for the exemptions."

9 SECTION 3. Statutory material to be repealed is bracketed
10 and stricken. New statutory material is underscored.

11 SECTION 4. This Act shall take effect upon its approval.

12

13

INTRODUCED BY: _____

14

BY REQUEST

____.B. NO.____

Report Title:

Housing; General Excise Tax Exemption

Description:

Exempts any housing development for the Department of Hawaiian Home Lands from general excise taxes.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO HOUSING.

PURPOSE: Exempts any housing development for the Department of Hawaiian Home Lands from general excise taxes.

MEANS: Amend section 237-29, Hawaii Revised Statutes.

JUSTIFICATION: The Department of Hawaiian Home Lands provides housing at affordable rates when compared to similar housing available in Hawaii. In order to further the interest of beneficiaries of the Hawaiian Homes Commission Act, any housing development for the Department of Hawaiian Home Lands should be exempt from general excise taxes.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by exempting any housing development for the Department of Hawaiian Home Lands from general excise taxes.

Impact on the department and other agencies: More funding could be allocated toward the development of housing instead of taxes.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM DESIGNATION: HHL 625.

OTHER AFFECTED AGENCIES: None.

EFFECTIVE DATE: Upon approval.

HHL-06(21)

EXHIBIT B

A BILL FOR AN ACT

RELATING TO CESSPOOLS.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that the State's streams,
2 groundwater, and ocean are being harmed by nonpoint
3 contamination sources that flow directly off the land, rather
4 than through pipes or ditches. Cesspools are a nonpoint
5 contamination source of great concern. These substandard
6 systems are essentially holes in the ground that do not treat
7 wastewater but merely dispose of it.

8 The legislature further finds that there are approximately
9 88,000 cesspools in the State, with nearly 50,000 on Hawaii
10 island, approximately 14,000 on Kauai, over 12,000 on Maui, over
11 11,000 on Oahu, and approximately 1,400 on Molokai.

12 Collectively, the State's cesspools release more than 53,000,000
13 gallons of untreated sewage into the ground each day. Hawaii
14 relies on groundwater for ninety per cent of its drinking water.

15 In response to the State's cesspool pollution problem,
16 legislation was enacted in 2017 that requires all cesspools not
17 excluded by the director of health to be upgraded or converted
18 to septic systems or aerobic treatment unit systems, or

1 connected to sewage systems by January 1, 2050. In order to
2 work toward meeting this deadline, cesspools on hawaiian home
3 lands could be a good place to start.

4 The purpose of this Act is to establish a low interest loan
5 program to offer financial assistance for lessees on hawaiian
6 home lands with cesspools to be upgraded or converted to septic
7 systems or aerobic treatment unit systems, or connected to
8 existing sewer systems or any other wastewater treatment systems
9 approved by the department of health.

10 SECTION 2. Chapter 342D, Hawaii Revised Statutes, is
11 amended by adding a new section to be appropriately designated
12 and to read as follows:

13 "§342D- Cesspool remediation and conversion loan
14 program. (a) There is established the cesspool remediation and
15 conversion loan program to be administered by the department in
16 coordination with each county water and sewage department. The
17 program may provide low interest loans to lessees of the
18 department of hawaiian home lands who:

- 19 (1) Upgrade or convert a cesspool to:
20 (A) A septic system; or

.B. NO.

1 (B) An aerobic treatment unit system, as defined in
2 section 342D-72 and approved by the department;
3 or

4 (2) Connect a cesspool to:

5 (A) An existing sewer system; or

6 (B) Any wastewater treatment system approved by the
7 department

8 (b) The loan program may include an on-bill financing
9 option supported by the water pollution control revolving fund
10 established in section 342D-83."

11 SECTION 3. Section 342D-83, Hawaii Revised Statutes, is
12 amended by amending subsection (b) to read as follows:

13 "(b) The purpose of the revolving fund is to provide
14 financial assistance to eligible parties for projects or
15 activities to:

16 (1) Enable counties and state agencies to plan, design,
17 and construct publicly owned wastewater treatment
18 works in accordance with title 33 United States Code
19 sections 1381 to 1387;

20 (2) Enable eligible parties to implement management
21 programs established under title 33 United States Code
22 section 1329;

.B. NO.

- 1 (3) Enable eligible parties to implement conservation and
2 management plans established under title 33 United
3 States Code section 1330;
- 4 (4) Enable eligible parties to construct, repair, or
5 replace a privately owned decentralized wastewater
6 treatment system and individual wastewater system that
7 treats municipal wastewater or domestic sewage under
8 title 33 United States Code section 1383;
- 9 (5) Enable eligible nonprofit entities to provide
10 assistance to small and medium sized publicly owned
11 treatment works for training activities, planning,
12 design, and associated preconstruction activities
13 under title 33 United States Code section 1383;
- 14 (6) Enable eligible parties to manage, reduce, treat, or
15 recapture stormwater or subsurface drainage water
16 under title 33 United States Code section 1383;
- 17 (7) Enable eligible parties to develop and implement
18 watershed projects meeting the criteria under title 33
19 United States Code section 1274;
- 20 (8) Enable counties and state agencies to reduce the
21 demand for publicly owned treatment works capacity

.B. NO.

1 through water conservation, efficiency, or reuse under
2 title 33 United States Code section 1383;

3 (9) Enable counties and state agencies to reduce the
4 energy consumption needs for publicly owned treatment
5 works under title 33 United States Code section 1383;

6 (10) Enable eligible parties to reuse or recycle
7 wastewater, stormwater, or subsurface drainage water
8 under title 33 United States Code section 1383; [~~and~~]

9 (11) Enable eligible parties to increase the security of
10 publicly owned treatment works under title 33 United
11 States Code section 1383[~~+~~]; and

12 (12) Enable the department to coordinate with each county
13 agency responsible for wastewater to establish a low
14 interest loan program to upgrade or convert cesspools
15 for lessees on hawaiian home lands to septic systems
16 or aerobic treatment unit systems, or to connect
17 cesspools to existing sewer systems or any other
18 wastewater treatment systems approved by the
19 department. "

20 SECTION 4. Statutory material to be repealed is bracketed
21 and stricken. New statutory material is underscored.

22

____.B. NO.____

1 SECTION 5. This Act shall take effect upon its approval.

2

3

INTRODUCED BY: _____

4

BY REQUEST

____.B. NO.____

Report Title:

Cesspools; Upgrade and Conversion; Low Interest Loan Program

Description:

Authorizes the Department of Health to coordinate with each county wastewater agency to establish a low interest loan program for lessees on Hawaiian Home Lands to upgrade or convert cesspools to septic systems or aerobic treatment unit systems, or to connect cesspools to existing sewer systems or other wastewater treatment systems approved by the department.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO CESSPOOLS.

PURPOSE: Establishes a low interest loan program to offer financial assistance for lessees on Hawaiian Home Lands with cesspools to be upgraded or converted to septic systems or aerobic treatment unit systems, or connected to existing sewer systems or any other wastewater treatment systems approved by the Department of Health.

MEANS: Adds a new section to Chapter 342D, Hawaii Revised Statutes.

JUSTIFICATION: Cesspools are a nonpoint contamination source of great concern. Collectively, the State's cesspools release more than 53 million gallons of untreated sewage into the ground each day. In response to the State's cesspool pollution problem, legislation was enacted in 2017 that requires all cesspools not excluded by the Director of Health to be upgraded or converted to septic systems or aerobic treatment unit systems, or connected to sewage systems by January 1, 2050. In order to work toward meeting this deadline, cesspools on Hawaiian Home Lands could be a good place to start.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by establishing a low interest loan program to offer financial assistance for lessees on Hawaiian Home Lands with cesspools to be upgraded or converted to septic systems or aerobic treatment unit systems, or connected to existing sewer systems or any other wastewater treatment systems approved by the Department of Health.

HHL-07(21)

EXHIBIT B

Impact on the department and other agencies:
Reduce the number of cesspools across the
State.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM
DESIGNATION: HHL 625.

OTHER AFFECTED
AGENCIES: None.

EFFECTIVE DATE: Upon approval.

A BILL FOR AN ACT

RELATING TO THE COUNTY BOARDS OF WATER SUPPLY.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that Article XII, Section
2 1 of the Constitution, states in part that "The State and its
3 people do further agree and declare that the spirit of the
4 Hawaiian Homes Commission Act looking to the continuance of the
5 Hawaiian homes projects for the further rehabilitation of the
6 Hawaiian race shall be faithfully carried out." This obligation
7 held by the State is also held by the counties, which are under
8 Article VIII of the Constitution administrative subdivisions of
9 the state.

10 The legislature further finds that the lack of available
11 water has been and remains a significant barrier to the state's
12 ability to faithfully carry out hawaiian homes projects. The
13 county boards and departments of water supply have no
14 administrative rules or policies for differentiating and
15 prioritizing the development and provision of water for hawaiian
16 homes projects when compared to other State or even private
17 projects, and therefore some counties have treated the
18 department of hawaiian home lands like any other developer.

.B. NO.

1 The legislature further finds that working with the
2 department of hawaiian home lands, the commission on water
3 resource management has set some ground water and surface water
4 reservations for hawaiian homes projects on Kaua'i, O`ahu,
5 Moloka`i, Lāna`i, Maui, and Hawai`i islands, and continues to
6 set additional reservations in partial fulfillment of the
7 requirements of section 174C-101(a), Hawaii Revised Statutes.

8 The legislature further finds that this necessary action by
9 the commission on water resource management will result in being
10 nothing more than the noting of numbers on paper unless the
11 counties as administrative subdivisions of the state, and
12 particularly their boards and departments of water supply,
13 fulfill their legal obligations to faithfully take actions
14 within their powers to fulfill the Hawaiian Homes Commission Act
15 in spirit and practice.

16 The purpose of this bill is to clarify requirements on the
17 county boards of water supply to fulfill the Constitutional
18 mandate.

19 SECTION 2. Chapter 54, Hawaii Revised Statutes, is amended
20 by adding a new section to be appropriately designated and to
21 read as follows:

____.B. NO.____

1 "§54- County boards of water supply and their obligation
2 to the department of hawaiian home lands. (a) All boards have,
3 as parts of their counties which are subdivisions of the State,
4 legal obligations to faithfully take actions within their powers
5 to fulfill the Hawaiian Homes Commission Act in spirit and
6 practice.

7 (b) Prior to June 30 of each fiscal year, the boards shall
8 transmit to the department of hawaiian home lands an accounting
9 of all water credits held by the county for all of their
10 respective systems. The department of hawaiian home lands shall
11 inform the counties by no later than September 30 of that same
12 fiscal year which credits it will need to be allocated towards
13 its uses under Section 221 of the Hawaiian Homes Commission Act.
14 The boards shall reserve those credits for the use of the
15 department of hawaiian home lands and not allocate them to any
16 other user unless the department of hawaiian home lands
17 surrenders those credits.

18 (c) In the negotiation of any water development, water
19 credit, or similar agreement, the counties shall not withhold
20 any water developed by the department of hawaiian home lands for
21 the board's own use and allocation, but shall instead credit the

1 department of hawaiian home lands the full amount of credits
2 justified by the water development.

3 (d) The boards shall develop policies to implement in case
4 of water shortage that do not call for equal percentage
5 reductions in use, but rather first require reductions in non
6 public trust uses of water, including the uses on Hawaiian home
7 lands under Section 221 of the act.

8 (e) No later than July 30, 2022, the boards shall apply
9 for water licenses of any waters they develop or have in their
10 system emanating from state lands, under section 171-58, Hawaii
11 Revised Statutes.

12 (f) One member of each of the boards shall be a
13 beneficiary of the Hawaiian homes commission act.

14 (g) All sections in this Part shall apply, any provisions
15 in a county charter or ordinance notwithstanding."

16 SECTION 3. Statutory material to be repealed is bracketed
17 and stricken. New statutory material is underscored.

18 SECTION 4. This Act shall take effect upon its approval.

19

20 INTRODUCED BY: _____

21 BY REQUEST

____.B. NO.____

Report Title:

County Boards of Water Supply; DHHL

Description:

Clarify requirements on the County Boards of Water Supply.

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

A BILL FOR AN ACT

RELATING TO WATER RIGHTS

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that programs for
2 watershed management by the department of land and natural
3 resources, the betterment of the conditions of native Hawaiians
4 and Hawaiians by the office of Hawaiian affairs, and operation
5 of the native hawaiian rehabilitation fund all benefit from
6 revenues generated by the disposition of water rights.

7 SECTION 2. Section 171-58, Hawaii Revised Statutes, is
8 amended by adding two new sections to be designated and to read
9 as follows:

10 (h) Any disposition of water rights by the state, or land
11 with associated water rights, must comply with this
12 section. Permits issued under Part IV of HRS 174C must also
13 have a disposition under this section issued by the board no
14 later than December 31, 2025.

15 (i) The upset price if the disposition is by lease, or the
16 minimum price if disposed by direct negotiation, shall be no
17 less than 80% of the total cost of the least expensive actually

____.B. NO. _____

1 practicable source of water for the given use, as determined by
2 an independent third-party appraiser.

3 SECTION 3. Statutory material to be repealed is bracketed
4 and stricken. New statutory material is underscored.

5 SECTION 4. This Act shall take effect upon its approval.

6

7

INTRODUCED BY: _____

8

BY REQUEST

____.B. NO.____

Report Title:

Water Rights

Description:

XXX

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO COUNTIES.

PURPOSE: Requires the Counties to maintain infrastructure on Hawaiian Home Lands that were built to County standards.

MEANS: Add a new section to Chapter 46, Hawaii Revised Statutes and amend section 46-20.1, Hawaii Revised Statutes.

JUSTIFICATION: The Department of Hawaiian Home Lands complies with County requirements when developing subdivisions, yet the maintenance of roads, sewers, sidewalks, and other improvements are often still the responsibility of the Department.

Impact on the public: This proposal further protects the interest of beneficiaries of the Hawaiian Homes Commission Act by requiring the Counties to maintain infrastructure on Hawaiian Home Lands that were built to County standards.

Impact on the department and other agencies: More funding could be allocated toward the development of housing instead of repair and maintenance of infrastructure.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM DESIGNATION: HHL 625.

OTHER AFFECTED AGENCIES: None.

EFFECTIVE DATE: Upon approval.

HHL-10(21)

EXHIBIT B

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO MEDICAL MARIJUANA.

PURPOSE: Expands the pilot marijuana dispensary program administered by the Department of Health to add 7 additional licenses - (1) West Hawai'i, (1) East Hawai'i, (1) Maui, (1) Molokai, (2) O'ahu, and (1) Kaua'i - to the Department of Hawaiian Home Lands.

MEANS: Amend section 329D-2(d) Hawaii Revised Statutes, with additional adjustments within HRS Chapters 329D and 329 Part IX.

JUSTIFICATION: The Department's purpose of rehabilitating native Hawaiians would be furthered by affording the Department the opportunity to enter this highly profitable and successful market. Under the current pilot program, only eight (8) licenses were issued Statewide, which limits competition and the opportunity for native Hawaiian communities to participate.

Further, in furtherance of our vision for agricultural development, this would provide additional opportunity for utilization of our agricultural lands and diversification of the State's economic revenue streams to improve the long-term economic outlook post-COVID 19.

Impact on the public: This proposal merely increases the number of licenses within the pilot program, presenting no discernable impact to the public at large. Beneficiary rights and protections are not impacted, and the potential benefits and opportunities to beneficiaries are increased.

Impact on the department and other agencies:

The Department of Health would potentially need to amend its Administrative Rules to comply with the amended statute. The Department of Hawaiian Home Lands would likely sub-license the individual dispensaries and would have to dedicate staff to strict compliance monitoring for all dispensaries.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM
DESIGNATION: HHL 625.

OTHER AFFECTED
AGENCIES: Department of Health.

EFFECTIVE DATE: Upon approval.

JUSTIFICATION SHEET

DEPARTMENT: Hawaiian Home Lands

TITLE: A BILL FOR AN ACT RELATING TO INDUSTRIAL HEMP.

PURPOSE: Expands the pilot industrial hemp program administered by the Department of Agriculture to make the Department of Hawaiian Home Lands an eligible applicant for an industrial hemp license and Hawaiian Home Lands eligible for the cultivation of industrial hemp.

MEANS: Amend section 141-31(a) Hawaii Revised Statutes to include the Department of Hawaiian Home Lands as an eligible applicant, and section 141-33(11)(1) to expand eligible lands to include Hawaiian Home Lands.

JUSTIFICATION: The Department's large agricultural land holdings provide great opportunity for the State to diversify its economic outputs and revenue. The opportunity to cultivate industrial hemp would increase jobs and training for native Hawaiians in the development of this new sector.

Impact on the public: The Department, its beneficiaries, and its licensees would have increased opportunity to take advantage of a burgeoning economic sector.

Impact on the department and other agencies: The Department of Hawaiian Home Lands, the Department of Agriculture, and the Board of Agriculture would need to collaborate to ensure proper compliance and development of the industrial hemp industry within the confines of the pilot program.

GENERAL FUND: None.

OTHER FUNDS: None.

HHL-12(21)

EXHIBIT B

PPBS PROGRAM
DESIGNATION:

HHL 625.

OTHER AFFECTED
AGENCIES:

Department of Agriculture.

EFFECTIVE DATE:

Upon approval.

STATE OF HAWAI'I
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission
Through: Tyler I. Gomes, Deputy to the Chairman 
From: Niniau Simmons, Special Assistant 
Cedric Duarte, Information & Community Relations
Officer 
Subject: Approval of Activities for the July 9, 2021 - July 8,
2022 Centennial Celebration of the Hawaiian Homes
Commission Act of 1920, as Amended

RECOMMENDED MOTION:

To approve the proposed activities for the July 9, 2021 - July 8, 2022 Centennial Celebration of the Hawaiian Homes Commission Act of 1920, as amended.

DISCUSSION:

The Hawaiian Homes Commission Act of 1920 was passed in session I of the Sixty-Seventh United States Congress by voice votes on the Senate floor on June 27, 1921 and the House floor on June 30, 1921 before being signed into law on July 9, 1921 by newly-elected President William G. Harding. The Hawaiian Homes Commission approved Resolution No. 303 at its March 16, 2020 meeting prior to the escalation of the COVID19 pandemic.

Suggested Activities:

- A. Creation of a Centennial Logo/Theme: to be used throughout the Centennial Year on applicable letterhead; banners; website; social media; and if any, sponsored events.

- E. Creation of Twelve (12) Documentaries: 50 minutes, 1 episode per month for twelve months. Chronicling the life and public policy work of Prince Jonah Kūhiō Kalaniana'ole and the men and women who were instrumental in passing the HHCA. Also, a look at the evolution of the Commission from its inception; thru Statehood and the creation of the Department of Hawaiian Home Lands; thru the Hawaiian Renaissance and the U.S. Civil Rights Task Force; thru to the present.

- I. Ho'onui 'Ike Lecture Series: social media hosting of a lecture series by notable scholars on Prince Kūhiō.
- O. Creation of a printed calendar: featuring photos of the Prince; historic accounts/documents; homestead settlements.
- U. Publishing of a Commemorative Book: composed of the Commission's first five annual reports.
- H. Huaka'i to Mauna 'Ala: for Commission and DHHL employees to honor the 100th anniversary of the Prince's passing, January 7, 2022.
- K. Viral Music Video: Project Kuleana will be invited to produce a video honoring the Centennial.
- L. Nā Hōkū Hanohano Awards Special Category: Commission will request a special category for Haku Mele (new songs about a homestead) and to have the awards show debut the Project Kuleana video.
- M. Commemorative Promotional Items: Centennial logo items for distribution at commission, community, orientation, lot selection, etc. Items may include pens, caps, lanyards, face masks, etc.




HAWAIIAN HOME LANDS
HAWAIIAN HOMES COMMISSION · DEPARTMENT OF HAWAIIAN HOME LANDS

C-6

**Hawaiian Homes Commission Act
Centennial Activities**

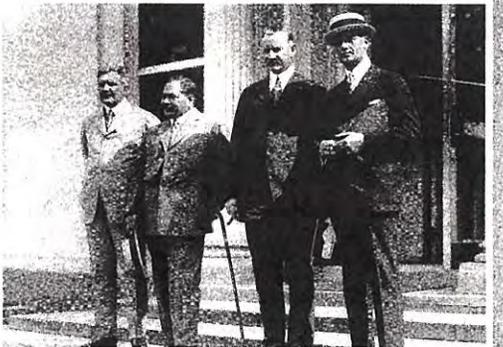
August 18, 2020

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

1



**Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022**

- On July 9, 1921, President Warren G. Harding signed the Hawaiian Homes Commission Act of 1920 as amended, an effort spearheaded by Prince Jonah Kūhiō Kalanianaʻōle.
- Through its passage, the United States set aside approximately 200,000 acres of land to establish a permanent homeland for native Hawaiians who were identified as a landless and “dying” people as the result of loss of lands, disease, and forced assimilation.

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

2

**Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022**

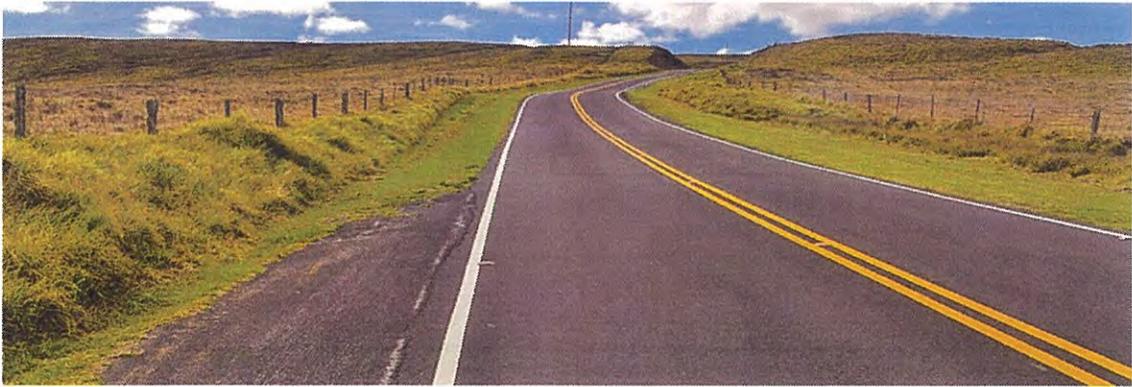


- As of July 2020, the Hawaiian Homes Commission has succeeded in creating homestead opportunities for nearly 10,000 native Hawaiians and their families.
- The Department of Hawaiian Home Lands has over 1,300 lots in its production pipeline to be built over the next five years.

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

3

**Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022**



In observance of the centennial, the Department of Hawaiian Home Lands is proposing a series of projects and events in recognition of this milestone.

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

4

**Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022**

Creation of a Centennial Logo/Theme

- Logo to be used throughout the Centennial year.
- The commemorative logo can be used in all applicable letterhead, banners, website, social media, and sponsored events.
- Estimated Investment: \$5,000








DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

5

**Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022**

Creation of a Documentary




- The Department of Hawaiian Home Lands will honor this milestone with a special documentary series commemorating 100 years of the HHCA. This documentary series will bring stories of success and adversity over the past 100 years as the Department continues its efforts to place native Hawaiian Beneficiaries back on their land.
- Estimated Investment: \$300,000
 - 50 minutes, 1 episode per month for 12 months.
 - To air on major television network(s) and be made available online.
 - Partnership with a third-party entity to assist in establishing sponsorships to underwrite cost of production.

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

6

Hawaiian Homes Commission Act 1921-2021 Centennial Celebration

Ho'onui 'Ike Lecture Series

- DHHL will host a lecture series by notable scholars of Prince Kūhiō.
 - Davianna McGregor
 - Manu Boyd
 - Kalani Akana
- The lectures will be held at Hale Pono'i in Kapolei and livestreamed through the DHHL Facebook page.



DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

7

Hawaiian Homes Commission Act Centennial July 9, 2021 – July 8, 2022

Creation of a Printed Calendar

- 2021 Calendar featuring photos of Homestead settlements, Prince Kūhiō, historic stories, and/or sections of the HHCA.
- Calendar ordered in September for December distribution.
- Estimated Investment: \$20,000 for 10,000 units






HAWAIIAN HOME LANDS



HAWAIIAN HOME LANDS

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

8

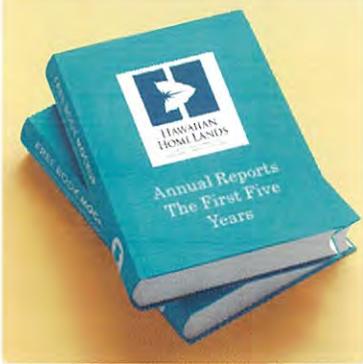
Hawaiian Homes Commission Act Centennial

Creation of a Commemorative Book

Estimated price quotes based on the following criteria:

General Information	
Number of pages:	250
Double Sided or Single Sided:	Double Sided
Finished Size:	6" x 9"
Bindery Style:	Case Bound - hard cover
Inside Text Color:	Black and White
Inside Text Stock:	Uncoated Text 60#
Total	
QTY A: 5,000	Total: \$38,046
QTY B: 8,000	Total: \$56,337
QTY C: 10,000	Total: \$67,835

*Estimate is from bestbookprinting.com and does not include cost of typeset or transcriptions if required.



- Commemorative book composed of the first five annual reports. These first five years were crucial to the success of the HHCA and in 1926, the US Congress approved the expansion of the Act throughout the rest of the Territory. This book will give Annual Report details of those critical years and show the history of the first homesteaders and commission during those times.
- Estimated Investment: \$70,000
 - *DHHL Staff will approach Kamehameha Schools Publishing to explore a potential partnership.

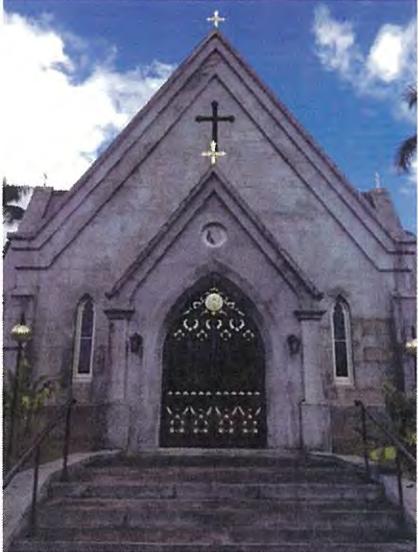
DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

9

Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022

Huaka'i to Mauna 'Ala

- DHHL to host a Huaka'i for current employees and commissioners to the Royal Mausoleum at Mauna 'Ala to honor Prince Kūhiō.

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

10

**Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022**

Viral Music Video

- Project Kuleana’s viral music videos have been seen by millions all over the world
- DHHL would invite Project Kuleana to create a music video honoring the Centennial of the HHCA.
- The music video would feature musicians who represents Hawaiian Homestead communities.
- The song(s) would compositions about Hawaiian Homesteads or composed by a homesteader.
- The music video will be filmed on location at different homesteads across the state.
- Estimated Investment - \$50,000



DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

11

**Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022**



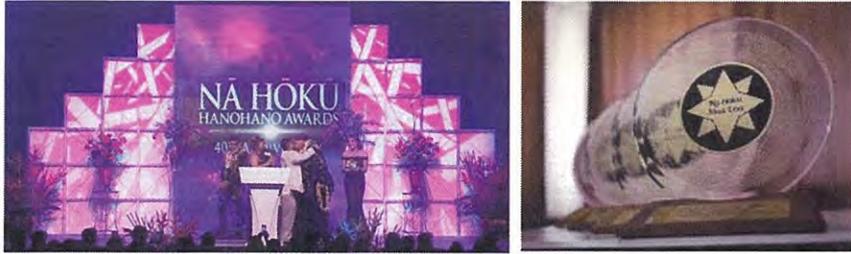
Prince Kūhiō Parade & Homestead Events in 2022

- Depending on the status of COVID-19 in the Spring of 2022
- Estimated Investment: \$10,000

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

12

Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022



- Founded in 1978, the Nā Hōkū Hanohano Awards is the premier music awards show in Hawaii and often considered Hawaii's equivalent of the Grammy Awards. Nā Hōkū Hanohano" means "Stars of Distinction" in Hawaiian – "hōkū" means "star", "nā" makes it plural, and "hanohano" means "glorious, worthy of praises".
- Many of Hawai'i's entertainers were and still are lessees and beneficiaries of the HHCA.
 - Gabby Pahinui (Waimānalo) | Genoa Keawe (Papakōlea) | Raymond Kane (Nānākuli) | Kawika Kahiapo (Waimānalo)
 - Raiatea Helm (Moloka'i) | And MORE!
 - The Awards show to air the Project Kuleana music video.
 - Special category for Haku Mele (new songs about a homestead)
- Estimated investment: \$5,000

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

13

Hawaiian Homes Commission Act Centennial
July 9, 2021 – July 8, 2022

Commemorative Promotional Items



- 100th Anniversary logo items for distribution at commission, community, orientation, lot selection, and beneficiary consultation meetings.
 - Items may include t-shirts, pens, caps, lanyards, face masks, etc.
- Estimated Investment: \$10,000

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

14



Hawaiian Homes Commission Act Centennial July 9, 2021 – July 8, 2022

BUDGET:

• Logo Development	\$5,000
• Documentary Series (12 Episodes)	\$300,000
• Music Video	\$50,000
• Mauna 'Ala Visit	\$0
• Ho'ouui Lecture Series	\$0
• Calendar	\$20,000
• Annual Report Book	\$70,000
• Nā Hōkū Hanohano Awards	\$5,000
• Logo Merchandise	\$10,000
TOTAL:	\$460,000

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

15



Mahalo



DEPARTMENT OF HAWAIIAN HOME LANDS

www.dhhl.hawaii.gov

DEPARTMENT OF HAWAIIAN HOME LANDS – OFFICE OF THE CHAIRMAN

16

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission
FROM: Jobie Masagatani, Executive Assistant to the Chairman
SUBJECT: C-7 For Information Only – Report of the Investigative Committee on Native
Hawaiian Qualification Process

RELEVANT MATERIAL WILL BE DISTRIBUTED UNDER SEPARATE COVER.

ITEM NO. C-7

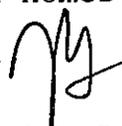
**HAWAIIAN HOMES COMMISSION
AUGUST 18, 2020
TELECONFERENCE
9:30 A.M.**

**D – ITEMS
HOMESTEAD SERVICES DIVISION**

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission
From: Juan Garcia, HSD Administrator 
SUBJECT: **Homestead Services Division Status Reports**

RECOMMENDED MOTION/ACTION

NONE

DISCUSSION

The following reports are for information only:

- Exhibit A: Homestead Lease & Application Totals
and Monthly Activity Reports
- Exhibit B: Delinquency Report
- Exhibit C: DHHL Guarantees for USDA-RD Mortgage
Loans

August 18, 2020

SUBJECT: Homestead Lease and Application Totals and Monthly Activity Reports

LEASE ACTIVITY REPORT

Month through July 31, 2020

	As of 6/30/20	Add	Cancel	As of 7/31/20
Residential	8,427	12	2	8,437
Agricultural	1,096	0	1	1,095
Pastoral	410	0	0	410
Total	9,933	12	3	9,942

The number of Converted Undivided Interest Lessees represents an increase of 517 families moving into homes. Their Undivided Interest lease was converted to a regular homestead lease.

	As of 6/30/20	Converted	Rescinded/ Surrendered/ Cancelled	As of 7/31/20
Undivided	806	2	0	804

Balance as of 7/31/2020

Awarded	1,434
Relocated to UNDV	7
Rescinded	111
Surrendered	5
Cancelled	4
Converted	517
Balance to Convert	804

Lease Report For the Month Ending July 31, 2020

	RESIDENCE				AGRICULTURE				PASTURE				TOTAL LEASES			
	Last Month	Add	Cancel	TOTAL	Last Month	Add	Cancel	TOTAL	Last Month	Add	Cancel	TOTAL	Last Month	Add	Cancel	TOTAL
OAHU																
Kaka'ia	24	0	0	24	0	0	0	0	0	0	0	0	24	0	0	24
Kalawahine	90	0	0	90	0	0	0	0	0	0	0	0	90	0	0	90
Kanehili	373	6	0	379	0	0	0	0	0	0	0	0	373	6	0	379
Kapolei	194	0	1	193	0	0	0	0	0	0	0	0	194	0	1	193
Kauluokahal	99	1	0	100	0	0	0	0	0	0	0	0	99	1	0	100
Kaupea	326	0	0	326	0	0	0	0	0	0	0	0	326	0	0	326
Kaupuni	19	0	0	19	0	0	0	0	0	0	0	0	19	0	0	19
Kewalo	248	0	0	248	0	0	0	0	0	0	0	0	248	0	0	248
Kumuhau	52	0	0	52	0	0	0	0	0	0	0	0	52	0	0	52
Luuluaiei	148	0	0	148	31	0	0	31	0	0	0	0	179	0	0	179
Malu'ohai	226	0	0	226	0	0	0	0	0	0	0	0	226	0	0	226
Nanakuli	1,045	0	0	1,045	0	0	0	0	0	0	0	0	1,045	0	0	1,045
Papakolea	65	0	0	65	0	0	0	0	0	0	0	0	65	0	0	65
Princess Kahanu Estates	271	0	0	271	0	0	0	0	0	0	0	0	271	0	0	271
Waiahole	0	0	0	0	16	0	0	16	0	0	0	0	16	0	0	16
Walanae	421	0	0	421	11	0	0	11	0	0	0	0	432	0	0	432
Waimanalo	721	0	0	721	2	0	0	2	0	0	0	0	723	0	0	723
TOTAL	4,322	7	1	4,328	60	0	0	60	0	0	0	0	4,382	7	1	4,388
MAUI																
Hikina	31	0	0	31	0	0	0	0	0	0	0	0	31	0	0	31
Kahikinui	0	0	0	0	0	0	0	0	75	0	0	75	75	0	0	75
Keokea	0	0	0	0	65	0	0	65	0	0	0	0	65	0	0	65
Lealii	104	0	0	104	0	0	0	0	0	0	0	0	104	0	0	104
Paukukalo	179	0	0	179	0	0	0	0	0	0	0	0	179	0	0	179
Waiehu 1	39	0	0	39	0	0	0	0	0	0	0	0	39	0	0	39
Waiehu 2	109	0	0	109	0	0	0	0	0	0	0	0	109	0	0	109
Waiehu 3	114	0	0	114	0	0	0	0	0	0	0	0	114	0	0	114
Waiehu 4	97	0	0	97	0	0	0	0	0	0	0	0	97	0	0	97
Waiohuli	593	0	0	593	0	0	0	0	0	0	0	0	593	0	0	593
TOTAL	1,266	0	0	1,266	65	0	0	65	75	0	0	75	1,406	0	0	1,406
EAST HAWAII																
Discovery Harbour	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2
Kamaoa	0	0	0	0	0	0	0	0	25	0	0	25	25	0	0	25
Kaumana	42	0	0	42	0	0	0	0	0	0	0	0	42	0	0	42
Keaukaha	471	0	0	471	0	0	0	0	0	0	0	0	471	0	0	471
Kuristown	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3
Makuu	0	0	0	0	122	0	0	122	0	0	0	0	122	0	0	122
Panaewa	0	0	0	0	262	0	0	262	0	0	0	0	262	0	0	262
Piihonua	17	0	0	17	0	0	0	0	0	0	0	0	17	0	0	17
Puuao	0	0	0	0	12	0	0	12	0	0	0	0	12	0	0	12
University Heights	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4
Waialakea	299	0	0	299	0	0	0	0	0	0	0	0	299	0	0	299
TOTAL	838	0	0	838	396	0	0	396	25	0	0	25	1,259	0	0	1,259
WEST HAWAII																
Honokala	0	0	0	0	0	0	0	0	24	0	0	24	24	0	0	24
Humuula	0	0	0	0	0	0	0	0	5	0	0	5	5	0	0	5
Kamoku	0	0	0	0	0	0	0	0	16	0	0	16	16	0	0	16
Kaniohale	224	0	0	224	0	0	0	0	0	0	0	0	224	0	0	224
Kawaihae	191	0	0	191	0	0	0	0	1	0	0	1	192	0	0	192
Laiopua	284	0	0	284	0	0	0	0	0	0	0	0	284	0	0	284
Laiamiko	30	0	0	30	0	0	0	0	0	0	0	0	30	0	0	30
Nienie	0	0	0	0	0	0	0	0	21	0	0	21	21	0	0	21
Puukapu/Waimea/Kuhio VII	116	0	0	116	110	0	0	110	215	0	0	215	441	0	0	441
Puupulehu	33	0	0	33	0	0	0	0	0	0	0	0	33	0	0	33
TOTAL	878	0	0	878	110	0	0	110	282	0	0	282	1,270	0	0	1,270
KAUAI																
Anahola	533	0	1	532	46	0	0	46	0	0	0	0	579	0	1	578
Hanapepe	47	0	0	47	0	0	0	0	0	0	0	0	47	0	0	47
Kekaha	117	0	0	117	0	0	0	0	0	0	0	0	117	0	0	117
Puu Opaa	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
TOTAL	697	0	1	696	46	0	0	46	1	0	0	1	744	0	1	743
MOLOKAI																
Hoolehua	154	0	0	154	345	0	1	344	21	0	0	21	520	0	1	519
Kalamaula	165	0	0	165	71	0	0	71	3	0	0	3	239	0	0	239
Kapaakea	47	0	0	47	0	0	0	0	3	0	0	3	50	0	0	50
Moomomi	0	0	0	0	3	0	0	3	0	0	0	0	3	0	0	3
O'ne Aii	27	0	0	27	0	0	0	0	0	0	0	0	27	0	0	27
TOTAL	393	0	0	393	419	0	1	418	27	0	0	27	839	0	1	838
LANAI																
Lanai	33	5	0	38	0	0	0	0	0	0	0	0	33	5	0	38
TOTAL	33	5	0	38	0	0	0	0	0	0	0	0	33	5	0	38
STATEWIDE TOTAL	8,427	12	2	8,437	1,096	0	1	1,095	410	0	0	410	9,933	12	3	9,942

HOMESTEAD AREA AND ISLANDWIDE APPLICATIONS WAITING LIST MONTHLY REPORT FOR THE MONTH ENDING
July 31, 2020

AREA WAITING LIST

DISTRICT AREA	RESIDENCE			AGRICULTURE			PASTURE			TOTAL
	Last Month	Add	Cancel	Last Month	Add	Cancel	Last Month	Add	Cancel	
Oahu District	955	0	3	0	0	0	0	0	0	952
Maui District	50	0	0	4	0	0	5	0	0	59
Hawaii District	130	0	0	28	0	0	46	0	0	204
Kauai District	51	0	0	3	0	0	28	0	0	82
Molokai District	20	0	0	18	0	0	1	0	0	39
TOTAL	1,206	0	3	53	0	0	80	0	0	1,336

ISLANDWIDE WAITING LIST

ISLAND	RESIDENCE			AGRICULTURE			PASTURE			TOTAL
	Last Month	Add	Cancel	Last Month	Add	Cancel	Last Month	Add	Cancel	
Oahu	9,893	29	15	3,792	14	1	0	0	0	13,712
Maui	3,803	6	2	4,669	2	7	611	4	0	9,086
Hawaii	5,768	6	7	7,245	3	6	1,878	4	2	14,889
Kauai	1,652	2	3	2,236	1	1	300	0	1	4,186
Molokai	816	1	0	1,069	6	0	204	0	0	2,096
Lanai	79	2	0	0	0	0	0	0	0	81
TOTAL	22,011	46	27	19,011	26	15	2,993	8	3	44,050

AREA AND ISLANDWIDE LISTS

AREA AND ISLANDWIDE LISTS	RES			AG			PAS			TOTAL	CANCELLATIONS																
	Last Month	Add	Cancel	Last Month	Add	Cancel	Last Month	Add	Cancel		New Applications	Application Transfers	Lease Rescissions	App Reinstatements	HHC Adjustments	TOTAL	New Lease Awards	Application Transfers	Succ'd and Cancel Own	Public Notice Cancel	Voluntary Cancellations	Lease Successorships	HHC Adjustments	Dec'd No Successor	Additional Acreage	NHQ Unqualified	TOTAL
OAHU	10,859	3,805	0	3,792	14	1	0	0	0	14,664	47	0	0	0	80	47	33	0	0	0	0	0	0	0	0	0	14
MAUI	3,857	4,668	620	4,669	2	7	611	4	0	9,145	33	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0	33
HAWAII	5,897	7,270	1,926	7,245	3	6	1,878	4	2	15,093	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KAUAI	1,702	2,239	327	2,236	1	1	300	0	1	4,268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLOKAI	837	1,093	205	1,069	6	0	204	0	0	2,135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LANAI	81	0	0	0	0	0	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	23,233	19,075	3,078	19,011	26	15	2,993	8	3	45,386	80	0	0	0	80	80	33	0	0	0	0	0	0	0	0	0	48

HOMESTEAD AREA AND ISLANDWIDE APPLICATIONS WAITING LIST MONTHLY REPORT FOR THE MONTH ENDING

July 31, 2020

	RESIDENCE			AGRICULTURE			PASTURE			TOTAL
	Last Month	Add	Cancel	Last Month	Add	Cancel	Last Month	Add	Cancel	
OAHU DISTRICT										
Nanakuli	169	0	1	0	0	0	0	0	0	168
Waianae	142	0	0	0	0	0	0	0	0	142
Luaiualei	0	0	0	0	0	0	0	0	0	0
Papakolea/Kewalo	71	0	1	0	0	0	0	0	0	70
Waimanalo	573	0	1	0	0	0	0	0	0	572
Subtotal Area	955	0	3	0	0	0	0	0	0	952
Islandwide	9,893	29	15	3,792	14	1	0	0	0	13,712
TOTAL OAHU APPS	10,848	29	18	3,792	14	1	0	0	0	14,664
MAUI DISTRICT										
Paukukalo	50	0	0	0	0	0	0	0	0	50
Kula	0	0	0	4	0	0	5	0	0	9
Subtotal Area	50	0	0	4	0	0	5	0	0	59
Islandwide	3,803	6	2	4,669	2	7	611	4	0	9,086
TOTAL MAUI APPS	3,853	6	2	4,673	2	7	616	4	0	9,145
HAWAII DISTRICT										
Keaukaha/Waiakea	69	0	0	0	0	0	0	0	0	69
Panaewa	0	0	0	16	0	0	0	0	0	16
Humuula	0	0	0	0	0	0	0	0	0	0
Kawaitae	16	0	0	0	0	0	0	0	0	16
Waimea	45	0	0	12	0	0	46	0	0	103
Subtotal Area	130	0	0	28	0	0	46	0	0	204
Islandwide	5,768	6	7	7,245	3	6	1,878	4	2	14,889
TOTAL HAWAII APPS	5,898	6	7	7,273	3	6	1,924	4	2	15,093
KAUAI DISTRICT										
Anahola	43	0	0	3	0	0	21	0	0	67
Kekaha/Puu Opae	8	0	0	0	0	0	7	0	0	15
Subtotal Area	51	0	0	3	0	0	28	0	0	82
Islandwide	1,652	2	3	2,236	1	1	300	0	1	4,186
TOTAL KAUAI APPS	1,703	2	3	2,239	1	1	328	0	1	4,268
MOLOKAI DISTRICT										
Kalamaula	4	0	0	0	0	0	0	0	0	4
Hoolihua	8	0	0	18	0	0	1	0	0	27
Kapaakea	7	0	0	0	0	0	0	0	0	7
One Aili	1	0	0	0	0	0	0	0	0	1
Subtotal Area	20	0	0	18	0	0	1	0	0	39
Islandwide	816	1	0	1,069	6	0	204	0	0	2,096
TOTAL MOLOKAI APPS	836	1	0	1,087	6	0	205	0	0	2,135
LANAI DISTRICT										
Islandwide	79	2	0	0	0	0	0	0	0	81
TOTAL LANAI APPS	79	2	0	0	0	0	0	0	0	81
TOTAL AREA ONLY	1,206	0	3	53	0	0	80	0	0	1,336
TOTAL ISLANDWIDE	22,011	46	27	19,011	26	15	2,993	8	3	44,050
TOTAL STATEWIDE	23,217	46	30	19,064	26	15	3,073	8	3	45,386

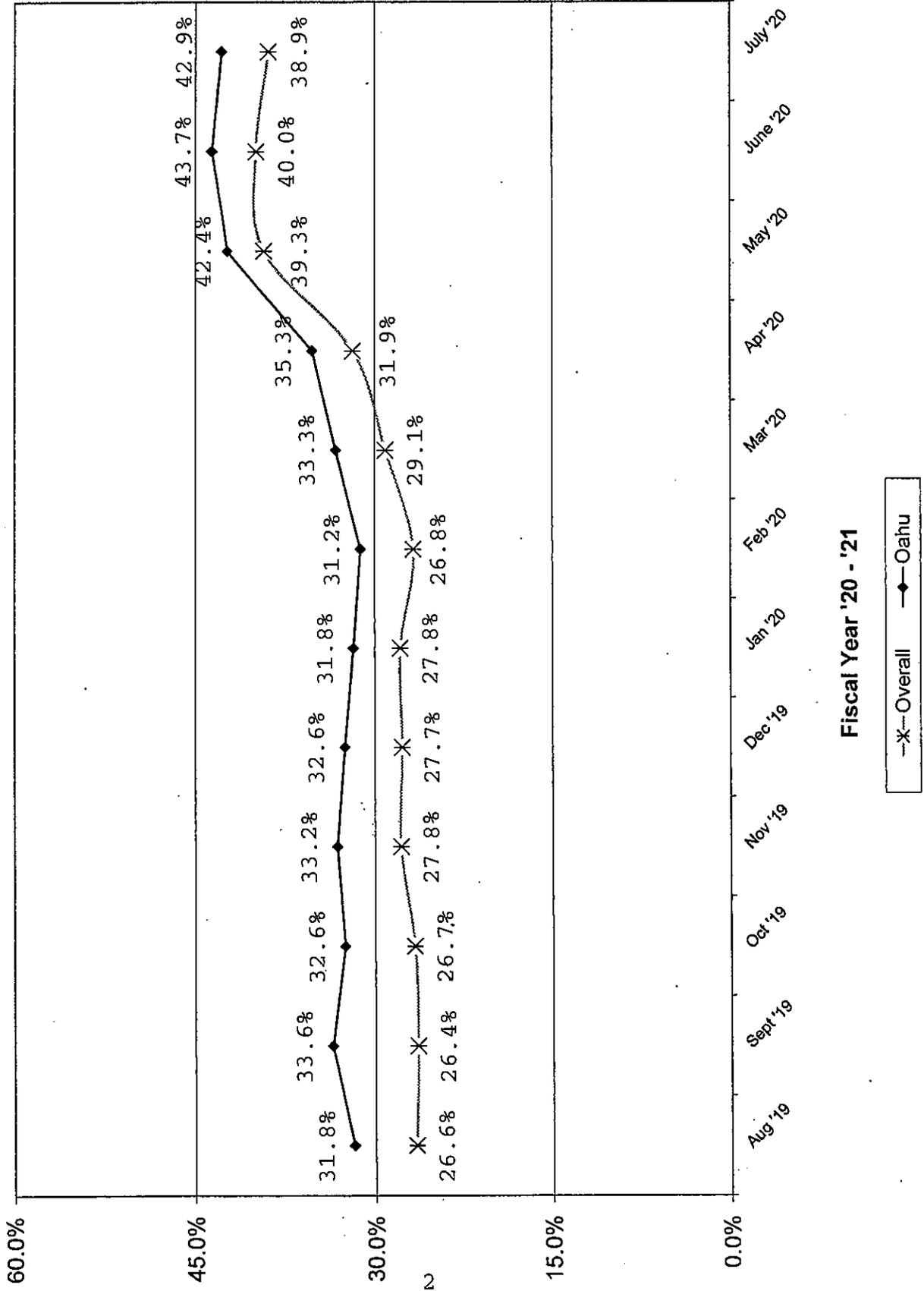
DELINQUENCY REPORT - STATEWIDE

August 18, 2020
(\$Thousands)

DIRECT LOANS OAHU	No.	Amt. (000s)	Total Delinquency (000s)	R I S K						180 Days (Severe) (000s)	No.	Amt. (000s)	% of Totals 7/31/2020		
				30 Days (low)		60 Days (Medium)		90 Days (High)							
				No.	Amt. (000s)	No.	Amt. (000s)	No.	Amt. (000s)						
	394	37,071	159	15,904	19	1,516	13	1,601	62	5,766	65	7,021	40.4%	\$	42.9%
EAST HAWAII	211	12,775	94	6,148	9	354	8	413	36	1,968	41	3,413	44.5%		48.1%
WEST HAWAII	86	8,743	19	1,856	0	0	2	208	12	1,277	5	371	22.1%		21.2%
MOLOKAI	86	6,881	23	1,064	4	178	3	185	5	205	11	496	26.7%		15.5%
KAUAI	98	7,588	29	2,112	4	187	2	283	17	1,281	6	362	29.6%		27.8%
MAUI	93	12,419	48	6,195	3	162	5	754	27	3,232	13	2,046	51.6%		49.9%
TOTAL DIRECT	968	85,478	372	33,281	39	2,398	33	3,444	159	13,728	141	13,710	38.4%		38.9%
	100.0%	100.0%	38.4%	38.9%	4.0%	2.8%	3.4%	4.0%	16.4%	16.1%	14.6%	16.0%			
Advances (including RPT)	244	8,304	244	8,304	0	0	0	0	244	8,304	0	0	100%		100%
DHHL LOANS & Advances	1,212	93,782	616	41,585	39	2,398	33	3,444	403	22,032	141	13,710	50.8%		44.3%
LOAN GUARANTEES as of June 30, 2019															
SBA	1	88	0	0	0	0	0	0	0	0	0	0	0.0%		0.0%
USDA-RD	297	35,079	53	6,039	0	0	0	0	53	6,039	0	0	17.8%		17.2%
Habitat for Humanity	56	2,142	22	896	0	0	0	0	22	896	0	0	39.3%		41.8%
Maui County	5	74	0	0	0	0	0	0	0	0	0	0	0.0%		0.0%
Nanakuli NHS	1	7	1	7	0	0	0	0	1	7	0	0	100.0%		100.0%
City & County	14	274	12	258	0	0	0	0	12	258	0	0	85.7%		94.2%
FHA Interim	11	1,445	0	0	0	0	0	0	0	0	0	0	0.0%		0.0%
OHA	21	87	1	6	0	0	0	0	1	6	0	0	4.8%		6.9%
TOTAL GUARANTEE	406	39,196	89	7,206	0	0	0	0	89	7,206	0	0	21.9%		18.4%
PMI Loans	167	25,281	5	1,000	3	697	2	303	0	0	0	0	3.0%		4.0%
HUD REASSIGNED for Recovery	157	19,244	135	17,659	0	0	3	202	5	409	127	17,048	86.0%		91.8%
FHA Insured Loans	2,819	460,207	346	58,361	0	0	0	0	346	58,361	0	0	12.3%		12.7%
TOTAL INS. LOANS	3,143	504,732	486	77,020	3	697	5	505	351	58,770	127	17,048	15.5%		15.3%
OVERALL TOTALS(EXC Adv/RP)	4,517	629,406	947	117,506	42	3,095	38	3,949	599	79,705	268	30,758	21.0%		18.7%
ADJUSTED TOTALS	4,761	637,710	1,191	125,810	42	3,095	38	3,949	843	88,009	268	30,758			19.7%

Note: HUD 184A loan program has 499 loans, with a total outstanding principal balance of \$111,905,370.46 as of June 30, 2019. 23 loans, totalling \$5,381,378.94 are delinquent.

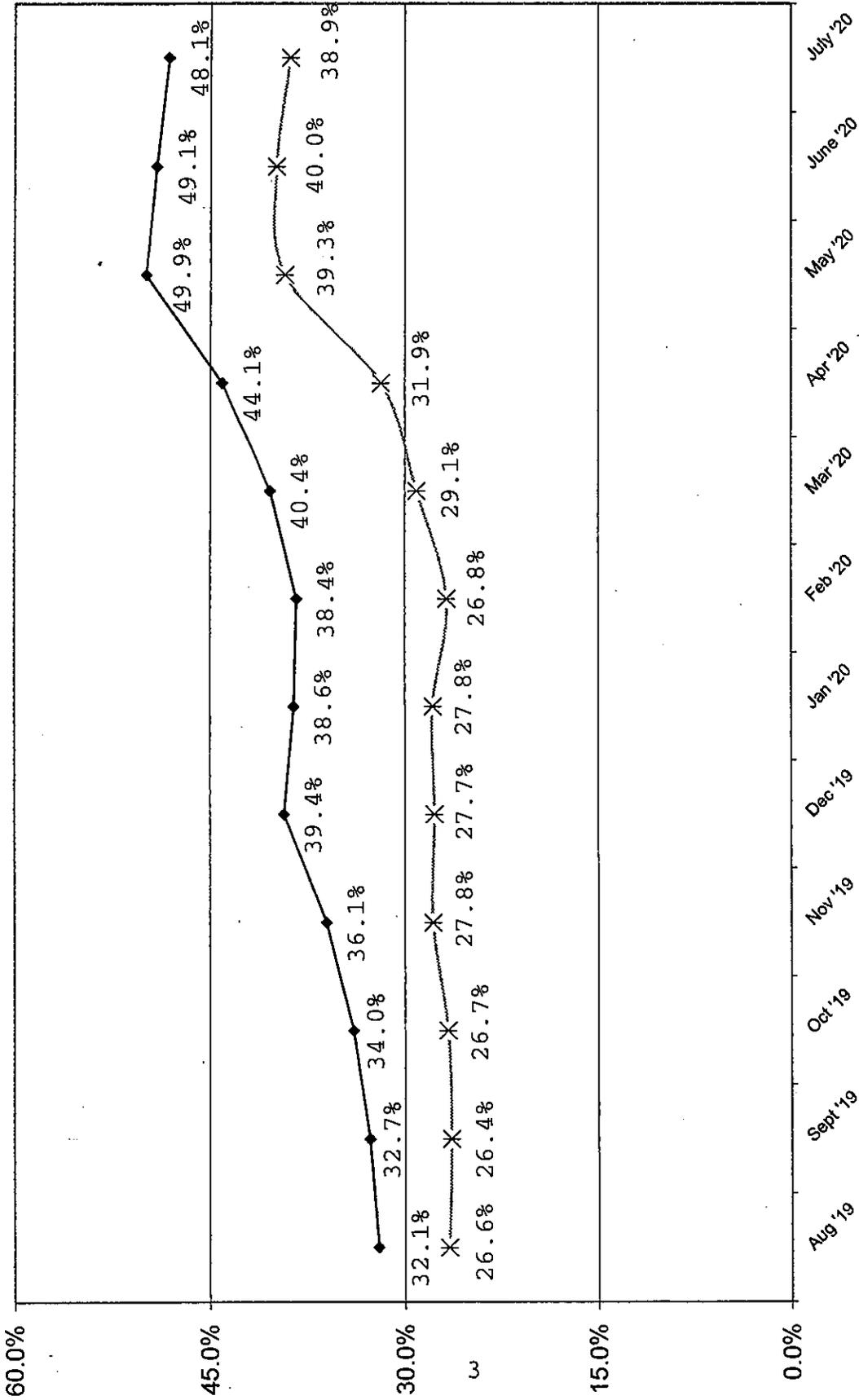
OAHU
Direct Loans
Delinquency Ratio Report



Fiscal Year '20 - '21

-x- Overall ♦- Oahu

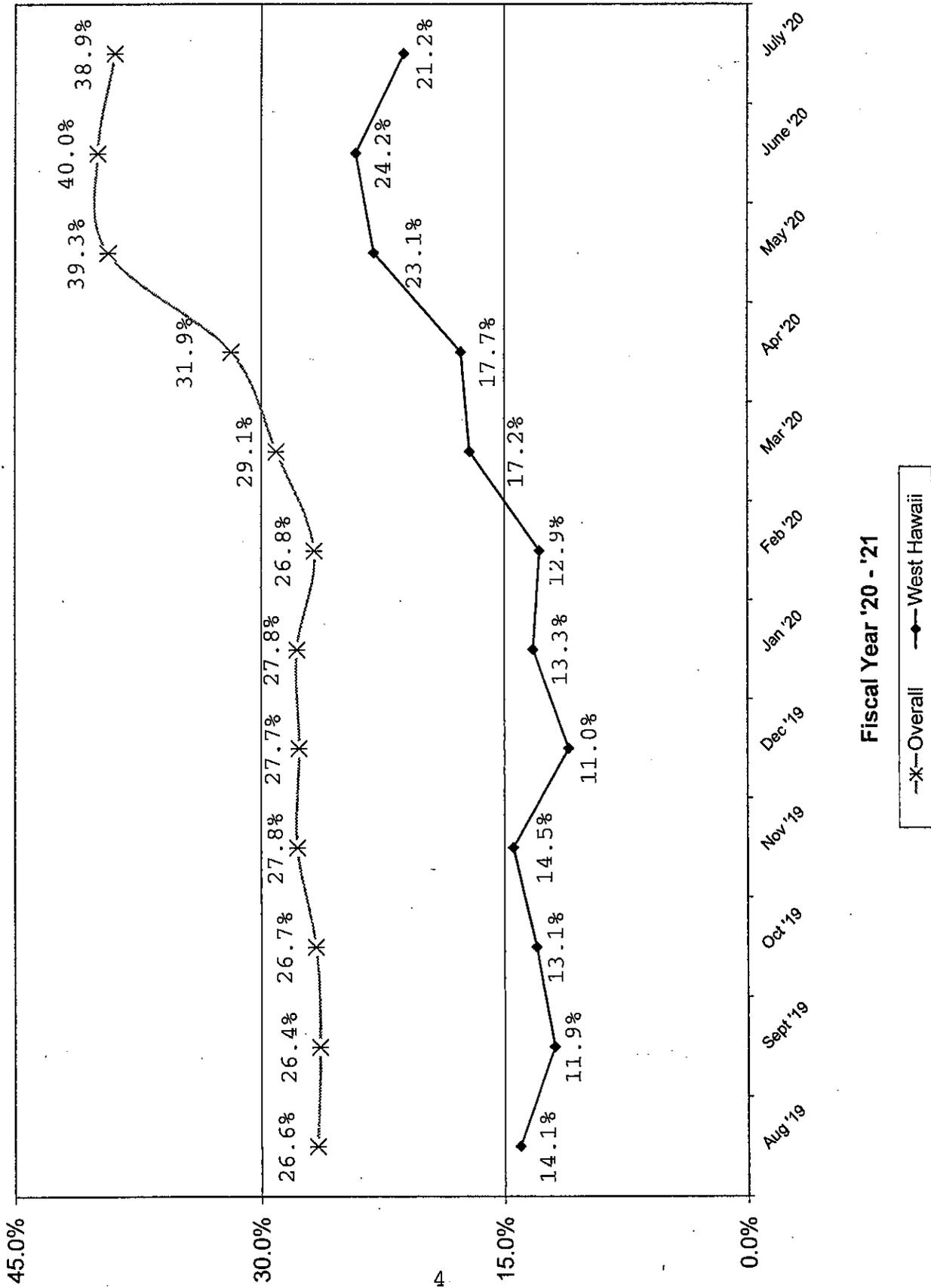
**EAST HAWAII
Direct Loans
Delinquency Ratio Report**



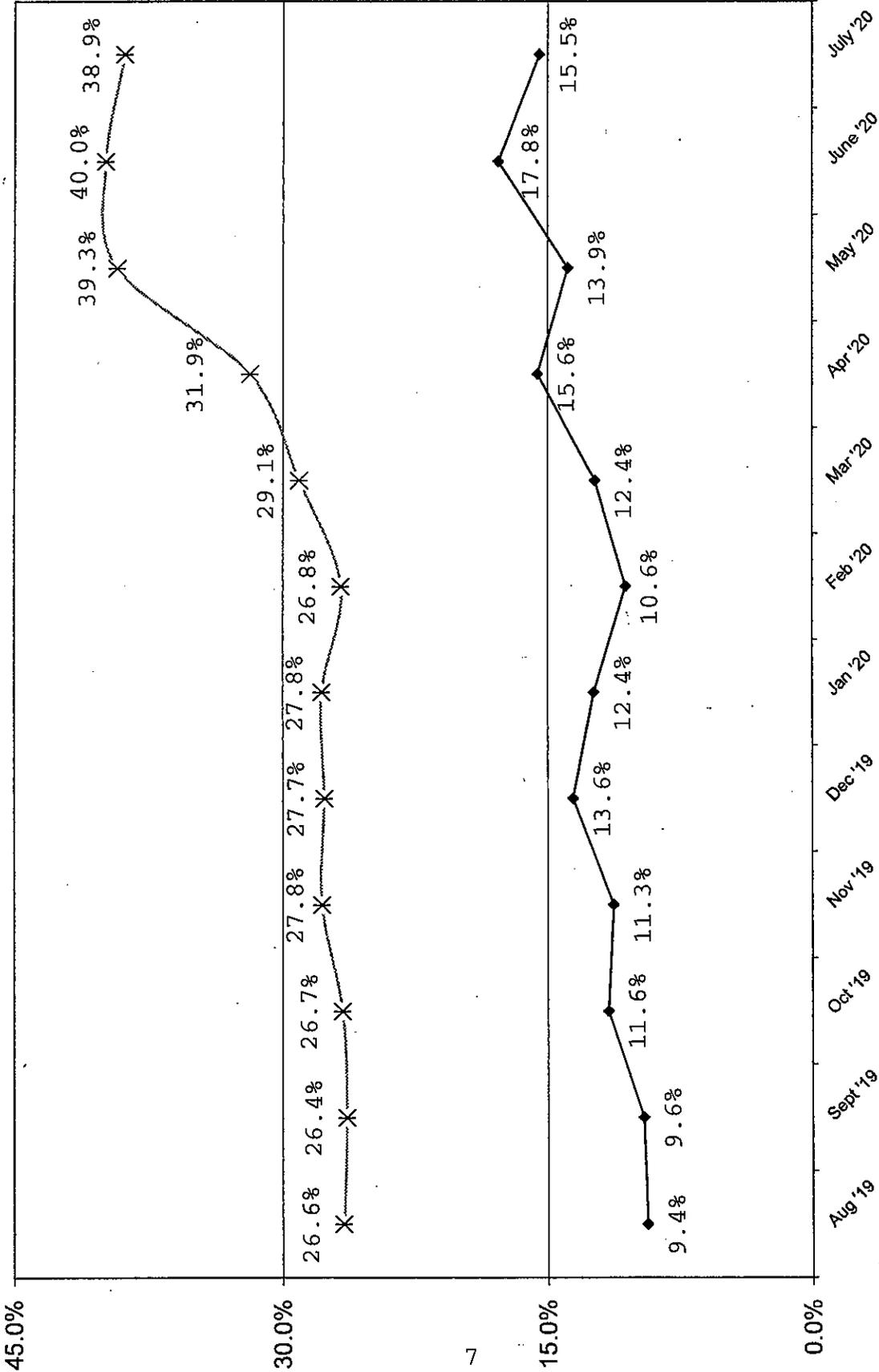
Fiscal Year '20 - '21

---x--- Overall ---◆--- East Hawaii

**WEST HAWAII
Direct Loans
Delinquency Ratio Report**



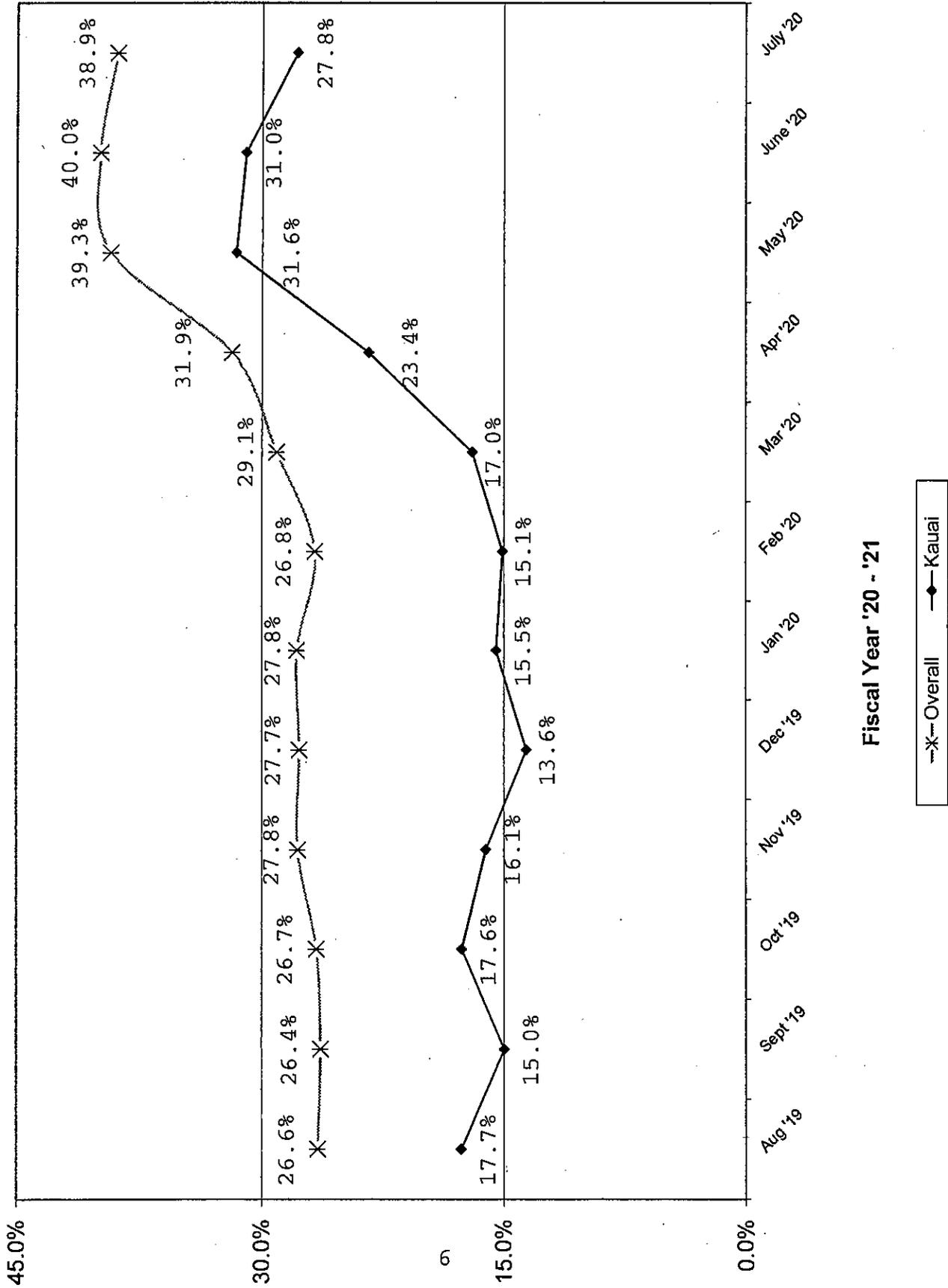
MOLOKAI
Direct Loans
Delinquency Ratio Report



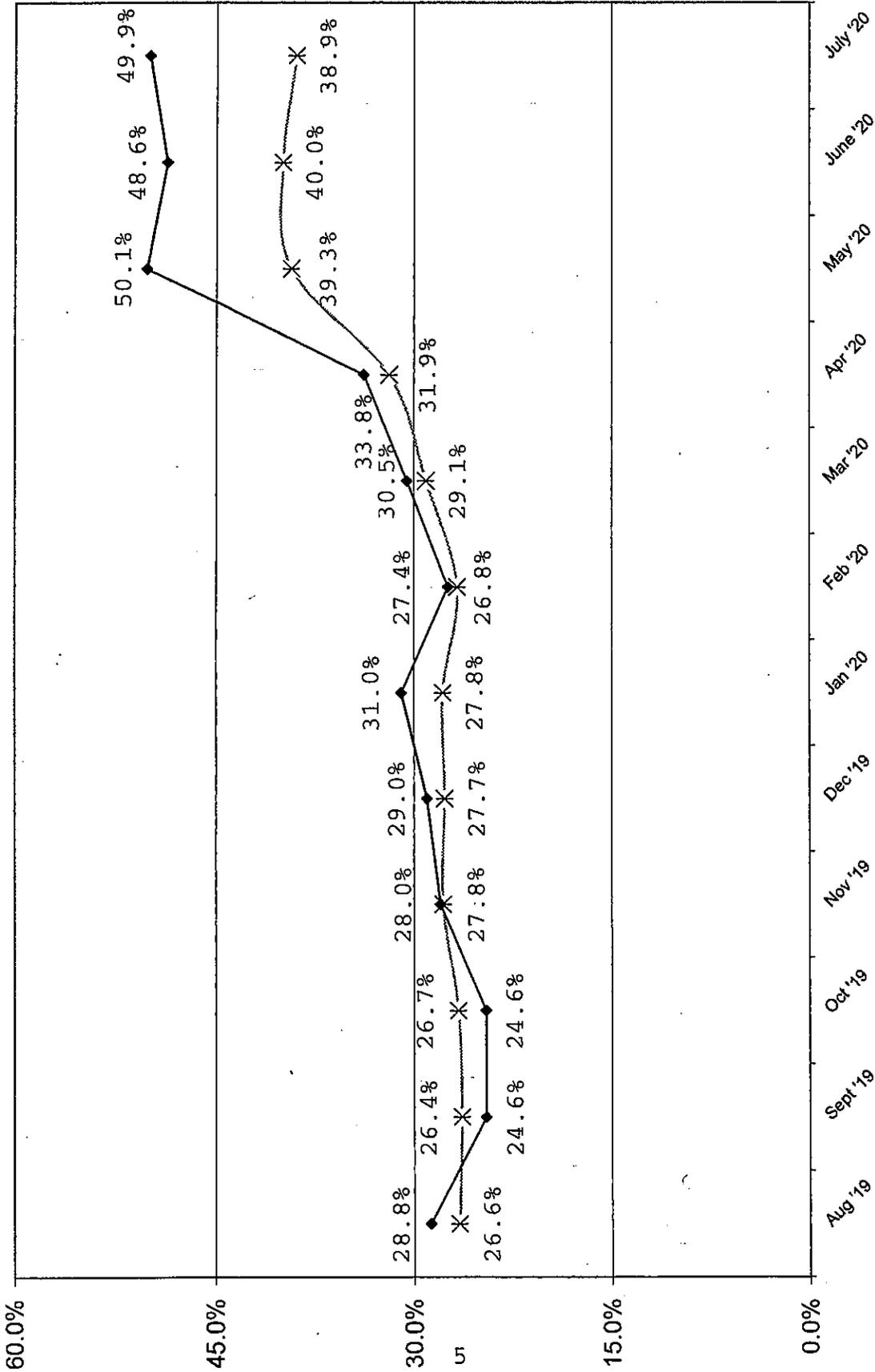
Fiscal Year '20 - '21

x Overall ◆ Molokai

KAUAI
Direct Loans
Delinquency Ratio Report



MAUI
Direct Loans
Delinquency Ratio Report



Fiscal Year '20 - '21

---x--- Overall ---◆--- Maui

August 18, 2020

SUBJECT: **DHHL Guarantees for USDA-Rural Development Mortgage Loans**

DISCUSSION: The Department issued guarantees for the following USDA Rural Development loans:

<u>LOT NO.</u>	<u>AREA</u>	<u>LESSEE</u>	<u>Loan Amount</u>	<u>Date Approved</u>
98	Kalamaula	Buchanan, Anthony C.K., Jr.	\$320,000	7/17/20

	<u>No.</u>	<u>Balance</u>
FY Ending 6/30/20	9	\$ 2,414,140
Previous Months	1	\$ 229,333
This Month	<u>1</u>	<u>320,000</u>
FY '20-'21 to date	2	\$ 549,333

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THRU: Juan Garcia, HSD Administrator 
 Homestead Services Division

FROM: Dean Oshiro, Loan Services Branch Manager 

SUBJECT: **Ratification of Loan Approvals**

RECOMMENDED MOTION/ACTION

To ratify the approval of the following loan previously approved by the Chairman, pursuant to section 10-2-17, Ratification of chairman's action, of the Department of Hawaiian Home Lands Administrative Rules.

<u>LESSEE</u>	<u>LEASE NO. & AREA</u>	<u>LOAN TERMS</u>
Kaahanui-Peralta, Yasha-Ann	10980, Lanai	NTE \$222,000 @ 4.5% interest per annum, NTE \$1,150 monthly, repayable over 30 years

Loan Purpose: Refinance Advance No. 18190 to reduce the interest rate from 8% to 4.5% and to fully amortize the obligation. This advance was assigned to DHHL from Central Pacific Bank. A Contested Case Hearing was not held for this account.

<u>REFINANCE</u>	<u>NO.</u>	<u>LOAN AMOUNT</u>
FY Ending 6/30/20	4	\$ 560,760
Prior Months	0	-0-
This Month	1	222,000
Total FY '20-'21	1	\$ 222,000

<u>REPAIR</u>	<u>NO.</u>	<u>LOAN AMOUNT</u>
FY Ending 6/30/20	0	\$ -0-
Prior Months	0	-0-
This Month	0	-0-
Total FY '20-'21	0	\$ -0-

<u>HOME CONSTRUCTION</u>	<u>NO.</u>	<u>LOAN AMOUNT</u>
FY Ending 6/30/20	0	\$ -0-
Prior Months	0	-0-
This Month	0	-0-
Total FY '20-'21	0	\$ -0-

<u>FARM</u>	<u>NO.</u>	<u>LOAN AMOUNT</u>
FY Ending 6/30/20	0	\$ -0-
Prior Months	0	-0-
This Month	0	-0-
Total FY '20-'21	0	\$ -0-

<u>TRANSFER WITH LOAN</u>	<u>NO.</u>	<u>LOAN AMOUNT</u>
FY Ending 6/30/20	0	\$ -0-
Prior Months	0	-0-
This Month	0	-0-
Total FY '20-'21	0	\$ -0-

<u>AWARD</u>	<u>NO.</u>	<u>LOAN AMOUNT</u>
FY Ending 6/30/20	4	\$ 491,818
Prior Months	0	-0-
This Month	0	-0-
Total FY '20-'21	0	\$ -0-

<u>OTHER</u>	<u>NO.</u>	<u>LOAN AMOUNT</u>
FY Ending 6/30/20	0	\$ -0-
Prior Months	0	-0-
This Month	0	-0-
Total FY '20-'21	0	\$ -0-

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THROUGH: Juan Garcia, HSD Administrator
Homestead Services Division 

FROM: Dean Oshiro, Loan Services Manager

SUBJECT: **Approval of Consent to Mortgage**

RECOMMENDED MOTION/ACTION

To approve the following consents to mortgages for Federal Housing Administration (FHA) insured loans, Department of Veterans Affairs (VA) loans, United States Department of Agriculture, Rural Development (USDA, RD) guaranteed loans, United States Housing and Urban Development (HUD 184A) guaranteed loans and Conventional (CON) loans insured by private mortgage insurers.

DISCUSSION

<u>PROPERTY</u>	<u>LESSEE</u>	<u>LENDER</u>	<u>LOAN AMOUNT</u>
<u>OAHU</u>			
Kanehili Lease No. 11885 TMK: 1-9-1-152:013	AKAU, Randall H. (HUD 184A) Cash Out Refi	HomeStreet Bank	\$ 322,000
Nanakuli Lease No. 309 TMK: 1-8-9-005:050	GOMES HOOHULI, Samson L. K. (FHA) Cash Out Refi	Mid America Mortgage Inc.	\$ 390,000
Waianae Lease No. 4636 TMK: 1-8-5-030:111	GOMES, Anthony E. (FHA) Cash Out Refi	Mid America Mortgage Inc.	\$ 188,000

OAHU

Kauluokahi Lease No. 12865 TMK: 1-9-1-017:110	CHANDLER, Ashley K. (USDA, RD) Purchase	Guild Mortgage Co.	\$ 492,000
Princess Kahanu Estates Lease No. 8436 TMK: 1-8-7-043:079	WATTS, Gail H. (FHA)Cash Out Refi	HighTechLen- ding Inc.	\$ 333,000
Waianae Lease No. 10269 TMK: 1-8-5-032:021	IRVINE, Pua P. M. H. (FHA)Cash Out Refi	HighTechLen- ding Inc.	\$ 197,000
Nanakuli Lease No. 5727 TMK: 1-8-9-015:008	KALANI, Lecotia R. K. (FHA)Cash Out Refi	HighTechLen- ding Inc.	\$ 450,000
Kanehili Lease No. 12572 TMK: 1-9-1-153:126	CACHOLA, Kerri K. K. (FHA)Purchase	Freedom Mortgage Corp.	\$ 452,000
Kaupea Lease No. 12057 TMK: 1-9-1-140:107	MAYEDA, Juanita K. (FHA)Cash Out Refi	Freedom Mortgage Corp.	\$ 367,000
Kanehili Lease No. 12616 TMK: 1-9-1-152:085	AUNA, Harvey L. (FHA)Purchase	Guild Mortgage Co.	\$ 536,000
Kanehili Lease No. 11882 TMK: 1-9-1-153:173	REZANTES, Kahaamaikai J. J. (FHA)Cash Out Refi	Mid America Mortgage Inc.	\$ 390,000
Nanakuli Lease No. 584 TMK: 1-8-9-005:042	AH SUI-AGLIPAY, Dawnmarie A. (FHA)Cash Out Refi	HighTechLen- ding Inc.	\$ 294,000

ITEM NO. D-3

OAHU

Kaupea Lease No. 12055 TMK: 1-9-1-140:108	TIMARIO, Edna K. (FHA)Rate Term Refi	HomeStreet Bank	\$ 220,000
Waimanalo Lease No. 9974 TMK: 1-4-1-037:077	KEAWE, Steven K. (FHA)Cash Out Refi	Guild Mortgage Co.	\$ 469,000
Kaupea Lease No. 12123 TMK: 1-9-1-140:080	KAHALEHILI, Roven P. (FHA)Cash Out Refi	First Federal Bank	\$ 355,000
Kanehili Lease No. 11867 TMK: 1-9-1-153:151	LESLIE, Gordon K. (FHA)Streamline Refi	Mid America Mortgage Inc.	\$ 385,000
Kalawahine Lease No. 9578 TMK: 1-2-4-043:081	AYAU, Burrelle (FHA)Streamline Refi	Mid America Mortgage Inc.	\$ 274,000
Kewalo Lease No. 3537 TMK: 1-2-4-040:025	NAKAHARA, Violenda K. (FHA)Cash Out Refi	HighTechLen- ding Inc.	\$ 255,000
Kanehili Lease No. 12602 TMK: 1-9-1-152:072	BAUTISTA, Chaz A. K. R. (FHA)Streamline Refi	Freedom Mortgage Corp.	\$ 552,000
Kanehili Lease No. 11693 TMK: 1-9-1-153:165	KAMAKELE, Nicole K. P. (FHA)Purchase	Freedom Mortgage Corp.	\$ 512,000

ITEM NO. D-3

OAHU

Kalawahine Lease No. 9607 TMK: 1-2-4-043:046	KAMAU, George P., Jr. (FHA)Streamline Refi	Freedom Mortgage Corp.	\$ 182,000
Lualualei Lease No. 5619 TMK: 1-8-6-023:024	SYLVA, Ikaikakane A. (FHA)Cash Out Refi	Bank of Hawaii	\$ 277,475
Waianae Lease No. 5307 TMK: 1-8-5-033:018	COSTALES, Austi S. (FHA)Cash Out Refi	Bank of Hawaii	\$ 171,080
Kaupea Lease No. 12016 TMK: 1-9-1-139:025	SANG, Lynette K. (FHA)Cash Out Refi	Bank of Hawaii	\$ 322,628
Nanakuli Lease No. 3893 TMK: 1-8-9-004:142	KAMANA, Lopena K. K. K. (FHA)Purchase	Guild Mortgage Co.	\$ 282,000
Kanehili Lease No. 12605 TMK: 1-9-1-152:101	WOODS, Robert P. (FHA)Cash Out Refi	Bank of Hawaii	\$ 586,280
Kalawahine Lease No. 9559 TMK: 1-2-4-043:070	DESANTOS, Jay A. (HUD 184A) Cash Out Refi	HomeStreet Bank	\$ 310,000
Waianae Lease No. 5349 TMK: 1-8-5-033:060	RUBIN, Veronica (FHA)Purchase	HomeStreet Bank	\$ 259,500

ITEM NO. D-3

OAHU

Nanakuli Lease No. 250 TMK: 1-8-9-006:032	KAUHANE, Dezrae L. J. N. (FHA)1 Step Construction	HomeStreet Bank	\$ 275,459
Kanehili Lease No. 12446 TMK: 1-9-1-151:028	HATCHER, Leinaala O. (FHA)Cash Out Refi	HighTechLen- ding Inc.	\$ 450,000
Nanakuli Lease No. 5707 TMK: 1-8-9-015:001	NOA, Vonne H. K. (FHA)Streamline Refi	Mid America Mortgage Inc.	\$ 545,000
Waimanalo Lease No. 8795 TMK: 1-4-1-038:031	KAUWE, Keith K., Jr. (FHA)Cash Out Refi	HomeStreet Bank	\$ 415,200
Waimanalo Lease No. 3045 TMK: 1-4-1-020:034	ISAACS-RAMIRO, Leinaala O. & RAMIRO, Ryan M. K. (FHA)Purchase	Cardinal Financial	\$ 585,976
Nanakuli Lease No. 1634 TMK: 1-8-9-002:017	ANTONIO, Darius (FHA)Rate Term Refi	Cardinal Financial	\$ 233,550
Kaupea Lease No. 11423 TMK: 1-9-1-139:063	MARTINEZ, Joan P. (FHA)Cash Out Refi	Mid America Mortgage Inc.	\$ 245,000
Kaupea Lease No. 12133 TMK: 1-9-1-139:001	LOVELL, Alika L. (FHA)Rate Term Refi	Mid America Mortgage Inc.	\$ 376,000

ITEM NO. D-3

OAHU

Kauluokahi Lease No. 12495 TMK: 1-9-1-017:088	WINCHESTER, Eugene E. K. (VA)Streamline Refi	Department of Veterans Affairs	\$ 393,000
Kanehili Lease No. 12665 TMK: 1-9-1-151:008	GONZALES, Kekoa K. K. (VA)Streamline Refi	Department of Veterans Affairs	\$ 555,000
Kanehili Lease No. 11758 TMK: 1-9-1-153:038	KALEIKINI, Lopaka (FHA)Cash Out Refi	Freedom Mortgage Corp.	\$ 430,000
Maluohai Lease No. 9883 TMK: 1-9-1-120:041	PAHIA, Matthew J. (HUD 184A) Purchase	HomeStreet Bank	\$ 435,726
Kanehili Lease No. 11669 TMK: 1-9-1-153:001	VIERRA, Annette (FHA)Purchase	Freedom Mortgage Corp.	\$ 389,000
Kanehili Lease No. 12907 TMK: 1-9-1-153:004	AKIU, Estelle (FHA)Purchase	HomeStreet Bank	\$ 395,000
Kanehili Lease No. 12908 TMK: 1-9-1-153:005	HEW LEN, Aaron (FHA)Purchase	Guild Mortgage Co.	\$ 420,000
Kanehili Lease No. 11597 TMK: 1-9-1-153:011	PENNINGTON, Edwina (FHA)Purchase	Guild Mortgage Co.	\$ 350,000
Kanehili Lease No. 11781 TMK: 1-9-1-153:006	MONTGOMERY, Alan (HUD 184A) Purchase	Bank of Hawaii	\$ 375,000

ITEM NO. D-3

OAHU

Kanehili
Lease No. 12919
TMK: 1-9-1-153:010

NIHEU,
Yvonne
(FHA) Purchase

Bank of
Hawaii \$ 405,000

Waimanalo
Lease No. 3737
TMK: 1-4-1-029:102

DOLFO,
Ryan I.
(FHA) Cash Out Refi

Guild
Mortgage Co. \$ 490,000

Kanehili
Lease No. 12629
TMK: 1-9-1-152:073

CASTRO,
Tracie N.S.
(FHA) Cash Out Refi

Freedom
Mortgage
Corp. \$ 547,000

Waimanalo
Lease No. 2977
TMK: 1-4-1-020:023

KAHELE, Jerica K.
&, KAHELE, Blaine
T. Jr.
(FHA) Streamline
Refi

Guild
Mortgage Co. \$ 452,000

MOLOKAI

Kalamaula
Lease No. 2304
TMK: 2-5-2-008:038

HELM,
Kekamaikaikamaikal-
ani
(FHA) Cash Out Refi

Mid America
Mortgage
Inc. \$ 292,000

MAUI

Waiehu 2
Lease No. 9546
TMK: 2-3-2-023:053

COSNER,
Joseph Elua
(FHA) Rate Term Refi

Homebridge
Financial
Services,
Inc. \$ 285,000

Waiohuli
Lease No. 7738
TMK: 2-2-2-027:098

PAGAN,
Prudence N.
(FHA) Purchase

Bank of
Hawaii \$ 648,560

Waiohuli
Lease No. 7639
TMK: 2-2-2-027:149

HAPAKUKA,
Dayneen L. O.
(FHA) Cash Out Refi

Mid America
Mortgage
Inc. \$ 251,000

ITEM NO. D-3

MAUI

Waiehu 4
Lease No. 12242
TMK: 2-3-2-026:018

ANDERSON,
Kaulana S.
(FHA)Cash Out Refi

Mid America
Mortgage
Inc.

\$ 396,000

Waiohuli
Lease No. 10372
TMK: 2-2-2-027:085

POEPOE,
Jason K. H. W.
(FHA)Cash Out Refi

Mid America
Mortgage
Inc.

\$ 245,000

Waiehu 2
Lease No. 9457
TMK: 2-3-2-022:019

GOSHERT,
Bernard W. Jr.
(FHA)Cash Out Refi

Mid America
Mortgage
Inc.

\$ 329,000

HAWAII

Kawaihae
Lease No. 9845
TMK: 3-6-1-010:016

JOAQUIN,
Lance K.
(FHA)Cash Out Refi

Mid America
Mortgage
Inc.

\$ 214,000

Piihonua
Lease No. 10942
TMK: 3-2-3-025:067

TIOGANGCO,
Daylan J. K.
(FHA)Cash Out Refi

Homebridge
Financial
Services,
Inc.

\$ 217,201

Puukapu
Lease No. 3392E
TMK: 3-6-4-004:059

SCHUTTE,
Barney J.
(FHA)Streamline
Refi

Mid America
Mortgage
Inc.

\$ 401,000

Kawaihae
Lease No. 7218
TMK: 3-6-1-009:034

ANAHU-AMBROSIO,
Hezekiah L. K.
(FHA)Cash Out Refi

Mid America
Mortgage
Inc.

\$ 272,000

<u>RECAP</u>			<u>FHA</u> <u>AMOUNT</u>		<u>VA</u> <u>AMOUNT</u>
	<u>No.</u>			<u>No.</u>	
FY Ending 6/30/20	295	\$	94,516,967	18	\$ 7,261,256
Prior Months	47	\$	16,152,531	1	\$ 435,000
This Month	53		19,254,909	2	948,000
Total FY '20- '21	100	\$	35,407,440	3	\$ 1,383,000
			<u>HUD 184A</u> <u>AMOUNT</u>		<u>USDA-RD</u> <u>AMOUNT</u>
FY Ending 6/30/20	61	\$	18,080,394	12	\$ 3,322,000
Prior Months	2	\$	666,840	0	\$ 0
This Month	4		1,442,726	1	492,000
Total FY '20- '21	6	\$	2,109,566	1	\$ 492,000

ITEM NO. D-3

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THRU: Juan Garcia, HSD Administrator 
Homestead Services Division

FROM: Dean Oshiro, Loan Services Branch Manager 

SUBJECT: **Approval of Refinance of Loans**

RECOMMENDED MOTION/ACTION

To approve the refinancing of loans from the Hawaiian Home General Loan Fund.

DISCUSSION

There are lessees who are seriously delinquent on their loans, but have been making consistent payments for twelve (12) months or more. These lessees have been trying to pay an additional amount above and beyond the required payment in an effort to reduce their delinquency amount. However, because the delinquency amount is large, it would take years for that amount to be paid in full.

HSD's recommendation for approval is based on actual payment history, at minimum, over the preceding twelve (12) months. If a lessee has demonstrated a conscientious effort to reduce the delinquency amount by making consistent monthly payments for twelve months, HSD will recommend that the lessee's loan balance be refinanced. Loan refinancing will provide a deserving lessee a new start in establishing a credit standing.

The following lessee(s) has met the aforementioned criteria and is recommended for loan refinancing:

<u>LESSEE</u>	<u>LEASE NO. & AREA</u>	<u>REFINANCING LOAN TERMS</u>
Tam, Russell K.	6813, Keaukaha	NTE \$113,900, @3% interest per annum, payment NTE \$481 monthly, repayable over 30 years.

Loan Purpose: Refinance and combine two (2) OHA Advances No. 17546 and 17547. Original advance amounts of \$18,136 and \$94,349, respectively, and both at 3% per annum. Contested Case Hearings were not held for these accounts.

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission
THRU: Juan Garcia, HSD Administrator 
Homestead Services Division
FROM: Dean Oshiro, Loan Services Branch Manager 
SUBJECT: **Approval of Streamline Refinance of Loans**

RECOMMENDED MOTION/ACTION

To approve the refinancing of loans from the Hawaiian Home General Loan Fund.

DISCUSSION

The following lessees have met the "Streamline/Interest rate reduction loan" criteria, which was approved by the Hawaiian Homes Commission at its August 19, 2013 meeting. This criteria includes twelve (12) consecutive monthly payments, borrower's current interest rate is higher than the current DHHL interest rate, current with their Homeowners Insurance, Real Property Tax, Lease Rent, county sewer/refuse fees, and does not have any advances made by DHHL on the borrowers behalf.

HSD's recommendation for approval is based on actual payment history, over the past twelve (12) months and the review of the above-mentioned criteria. Streamline/Interest Rate Loan refinancing will provide lessees a chance to simply reduce their interest rate and payments without DHHL having to credit and/or income qualify the borrower.

The following lessee(s) has met the aforementioned criteria and is recommended for Streamline/Interest rate reduction loan refinance program:

<u>LESSEE</u>	<u>LEASE NO. & AREA</u>	<u>REFINANCING LOAN TERMS</u>
Kaaialii, Doreen M.	9898, Nanakuli	NTE \$93,000 @4.5% interest per annum, NTE \$472 monthly, repayable over 30 years.

Loan Purpose: Refinance Contract of Loan No. 19034. Original loan amount of \$103,011 at 4.5% per annum, \$522 monthly, repayable over 30 years. A Contested Case Hearing was not held for this account.

Bright, Darnell T.K. Cauton, Brendan A.P.H., Pavao, Desiree A.N. & Cauton, Bredanette M.M.	8303, PKE	NTE \$144,450 @4.5% interest per annum, NTE \$1,100 monthly, repayable over 16 years.
---	-----------	---

Loan Purpose: Refinance Contract of Loan No. 18539. Original loan amount of \$173,400 at 7% per annum, \$1,209 monthly, repayable over 26 years. A Contested Case Hearing was not held for this account.

Kahumoku, Sharleen U. & Gunderson, Cherilyn K.	9279, Kaniohale	NTE \$128,900 @4.5% interest per annum, NTE \$987 monthly, repayable over 15 years.
--	-----------------	---

Loan Purpose: Refinance Contract of Loan No. 17683. Original loan amount of \$157,506.93 at 8.5% per annum, \$1,212 monthly, repayable over 30 years. A Contested Case Hearing was not held for this account.

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission
THROUGH: Juan Garcia, HSD Administrator 
FROM: Nicole F. Bell, Specialist V
Application Branch, Homestead Services Division
SUBJECT: **Approval of Homestead Application Transfers/Cancellations**

RECOMMENDED MOTION/ACTION

To approve the transfers and cancellations of applications from the Application Waiting Lists for reasons described below:

DISCUSSION

1. Requests of Applicants to Transfer

MAUI ISLANDWIDE AGRICULTURAL LEASE LIST

TWIST, Lahela W.P.	07/19/2007	MAUI	PAS	02/14/2020
--------------------	------------	------	-----	------------

MAUI ISLANDWIDE RESIDENTIAL LEASE LIST

MEDEIROS, Rosemary L.	07/17/2014	HAWAII	RES	10/14/2019
-----------------------	------------	--------	-----	------------

HAWAII ISLANDWIDE AGRICULTURAL LEASE LIST

BRANCO, Lola Ann L.	07/26/1989	HAWAII	PAS	06/22/2020
MOORE, Samlynn N.	09/13/1995	OAHU	AGR	02/06/2020

HAWAII ISLANDWIDE RESIDENTIAL LEASE LIST

AWANA, Christopher J. 09/03/2010 OAHU RES 02/19/2020

KAUAI ISLANDWIDE AGRICULTURAL LEASE LIST

BALLES, Joretta J.R.K. 06/10/2008 OAHU AGR 11/19/2019

KAUAI ISLANDWIDE RESIDENTIAL LEASE LIST

BALLES, Joretta J.R.K. 06/10/2008 OAHU RES 11/19/2019

2. Deceased Applicants

NONE FOR SUBMITTAL

3. Awards of Leases

NANAKULI AREA / OAHU ISLANDWIDE RESIDENTIAL LEASE LIST

LENCHANKO, Michael F. Assigned Residential Lease
#12898, Lot 18486 in Kanehili,
Oahu dated 07/15/2020. Remove
application dated 02/17/1977.

HAWAII ISLANDWIDE AGRICULTURAL LEASE LIST

KEKAHUNA, Ioane K. Assigned Agricultural Lease
#6973-A, Lot 29-B in Makuu,
Hawaii dated 03/02/2020.
Remove application dated
03/11/2005.

KEKAHUNA, Lauae K. Assigned Agricultural Lease
#6973-B, Lot 29-C in Makuu,
Hawaii dated 03/02/2020.
Remove application dated
12/27/2006.

HAWAII ISLANDWIDE RESIDENTIAL LEASE LIST

CHU HING, Scott K. Assigned Residential Lease
#1192, Lot 76-A in Keaukaha,
Hawaii dated 06/25/2020.
Remove application dated
05/18/2000.

KAUAI ISLANDWIDE RESIDENTIAL LEASE LIST

AKANA, Clifford D. Assigned Residential Lease
#3811, Lot 71 in Kekaha, Kauai
dated 05/13/2020.
Remove application dated
04/20/1990.

AKANA, Lewellyn B. Assigned Residential Lease
#3811, Lot 71 in Kekaha, Kauai
dated 05/13/2020. Remove
application dated 07/19/2012.

LICAYAN, Samuel K. Assigned Residential Lease
#3631, Lot 66 in Kekaha, Kauai
dated 05/11/2020. Remove
application dated 04/22/1986.

LANAI ISLANDWIDE RESIDENTIAL LEASE LIST

BASQUES, Winifred I.K. Assigned Residential Lease
#12888, Lot 1179 in Lanai City,
Lanai dated 07/15/2020.
Remove application dated
04/26/2000.

GANER, Dyana P. Assigned Residential Lease
#12916, Lot 1181 in Lanai City,
Lanai dated 07/13/2020. Remove
application dated 02/21/2002.

KEALOHA, Roland Assigned Residential Lease
#12886, Lot 1196 in Lanai City,
Lanai dated 07/10/2020. Remove
application dated 12/12/1983.

MANO, Leinaala K.

Assigned Residential Lease
#12917, Lot 1202 in Lanai City,
Lanai dated 07/13/2020. Remove
application dated 06/27/2005.

MOKU, Delvin K., Jr.

Assigned Residential Lease
#12875, Lot 1190 in Lanai City,
Lanai dated 07/10/2020. Remove
application dated 04/26/2000.

4. Native Hawaiian Qualification

NONE FOR SUBMITTAL

5. Voluntary Cancellation

NONE FOR SUBMITTAL

6. Successorship

NONE FOR SUBMITTAL

7. Additional Acreage

NONE FOR SUBMITTAL

8. HHC Adjustments

NONE FOR SUBMITTAL

Last Month's Cumulative FY 2020-2021 Transaction Total	48
Transfers from Island to Island	7
Deceased	0
Cancellations:	
Awards of Leases	12
NHQ	0
Voluntary Cancellations	0
Successorship	0
Additional Acreage	0
HHC Adjustments	0
This Month's Transaction Total	19
This Month's Cumulative FY 2020-2021 Transaction Total	67

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THROUGH: Juan Garcia, Administrator
Homestead Services Division 

FROM: Ross K. Kapeliela, Acting ODO Supervisor 
Homestead Services Division

SUBJECT: **Approval of Designation of Successors to Leasehold Interest and Designation of Persons to Receive the Net Proceeds**

RECOMMENDED MOTION/ACTION

To approve the designation of successor to the leasehold interest and person to receive the net proceeds, pursuant to Section 209, Hawaiian Homes Commission Act, 1920, as amended.

*See attached list of Lessee.

Leasehold Interest:

Ratified for August 2020	3
Previous FY 2020 - 2021	<u>5</u>
FY 2020 - 2021 Total to Date	8

Ratified for FY '19 - '20 72

Net Proceeds

Ratified for August 2020	0
Previous FY 2020- 2021	<u>0</u>
FY 2020 - 2021 Total to Date	0

Ratified for FY '19 - '20 0

**LIST OF LESSEES WHO DESIGNATED SUCCESSORS TO THEIR
LEASEHOLD INTEREST
FOR MONTH OF AUGUST 2020**

<u>Deceased Lessee</u>	<u>Designated Successor</u>
1. Hannah K. Mahoe Lot No.: 22 Area: Nanakuli, Oahu Lease No. 5250	<u>PRIMARY:</u> Christy Mahelani Yasue, Daughter <u>ALTERNATE:</u> *Melanie Kalaniopua Mahoe *Omit due to lack of genealogy documents to determine eligibility to successorship. <u>DESIGNEE TO RECEIVE NET PROCEEDS:</u> N/A
2. Robert J. K. Roy Lot No.: 87 Area: Puukapu, Hawaii Lease No. 8061	<u>PRIMARY:</u> Sheila Lou M. Roy, Wife <u>ALTERNATE:</u> N/A <u>DESIGNEE TO RECEIVE NET PROCEEDS:</u> N/A
3. Francis K. Williams Lot No.: 8-A Area: Nanakuli, Oahu Lease No. 248	<u>PRIMARY: Joint Tenants</u> Coreena S. P. Williams, Daughter, Punaupaka N. Williams, Daughter Puaohaialii H. Williams, Daughter Francis K. Williams, Son <u>ALTERNATE:</u> N/A <u>DESIGNEE TO RECEIVE NET PROCEEDS:</u> N/A

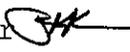
STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THROUGH: Juan Garcia, Administrator
Homestead Services Division 

FROM: Ross K. Kapeliela, Acting ODO Supervisor 
Homestead Services Division

SUBJECT: **Approval of Assignment of Leasehold Interest**

RECOMMENDED MOTION/ACTION

To approve the assignment of the leasehold interest, pursuant to Section 208, Hawaiian Homes Commission Act, 1920, as amended, and subject to any applicable terms and conditions of the assignment, including but not limited to the approval of a loan.

DISCUSSION

Eleven (11) assignments of lease.

1. Lessee Name: Marveleen K. Bilermo
Res. Lease No. 2410, Lot No. 89
Lease Date: 11/13/1950
Area: Waimanalo, Oahu
Property Sold & Amount: No, N/A
Improvements: 4 bedroom, 2 bath dwelling

Transferee Name: Cynthia Vierra
Relationship: Daughter
Loan Assumption: No
Applicant: No

Reason for Transfer: "Giving lease to relative."

2. Lessee Name: Shawn K. Guerpo
Res. Lease No. 9836, Lot No. 154
Lease Date: 11/1/2002
Area: Kawaihae, Hawaii
Property Sold & Amount: Yes, \$225,000.00
Improvements: 4 bedroom, 2 bath dwelling

Transferee Name: Shawn K. Guerpo, Jr.
Relationship: Son
Loan Assumption: No
Applicant: No

Reason for Transfer: "Financial reasons." Special
Condition: Transferee to obtain funds to pay purchase price.

3. Lessee Name: Rosaline S. Hinch
Res. Lease No. 12905, Lot No. 249
Lease Date: To be determined
Area: Kanehili, Oahu
Property Sold & Amount: Yes, \$381,175.00
Improvements: 4 bedroom, 3 bath dwelling

Transferee Name: Jesse K. Maiola-Davis
Relationship: Grandson
Loan Assumption: No
Applicant: No

Reason for Transfer: "Giving lease to relative." Special
Condition: Transferee to obtain funds to pay purchase price.

4. Lessee Name: Jacob K. Kuni
Res. Lease No. 1687A, Lot No. 177-A
Lease Date: 11/29/1946
Area: Nanakuli, Oahu
Property Sold & Amount: Yes, \$250,000.00
Improvements: 5 bedroom, 3 bath dwelling

Transferee Name: Duane Douglas S. Kuni
Relationship: Son
Loan Assumption: No
Applicant: No

Reason for Transfer: "Giving lease to relative." Special
Condition: Transferee to obtain funds to pay purchase price.

5. Lessee Name: Lloyd K. Lopes
Res. Lease No. 7753, Lot No. 216
Lease Date: 2/7/2002
Area: Waiohuli, Maui
Property Sold & Amount: Yes, \$228,000.00
Improvements: 3 bedroom, 2 bath dwelling

Transferee Name: Greg K. Awai
Relationship: None
Loan Assumption: No
Applicant: No

Reason for Transfer: "Moving off island." Special
Condition: Transferee to obtain funds to pay purchase
price. See simultaneous transfer below.

6. Lessee Name: Greg K. Awai
Res. Lease No. 7753, Lot No. 216
Lease Date: 2/7/2002
Area: Waiohuli, Maui
Property Sold & Amount: Yes, \$228,000.00
Improvements: 3 bedroom, 2 bath dwelling

Transferee Name: Danica L. A. Awai
Relationship: Daughter
Loan Assumption: No
Applicant: No

Reason for Transfer: "Giving lease to relative." Special
Condition: Transferee to obtain funds to pay purchase price.

7. Lessee Name: Elliott H. Seria
Res. Lease No. 12063, Lot No. 17026
Lease Date: 10/30/2007
Area: Kaupea, Oahu
Property Sold & Amount: Yes, \$550,000.00
Improvements: 3 bedroom, 3 bath dwelling

Transferee Name: Samuel E. Ho
Relationship: Uncle
Loan Assumption: No
Applicant: Yes, Oahu IW Res., 11/13/2012

Reason for Transfer: "Moving off island." Special
Condition: Transferee to obtain funds to pay purchase
price.

8. Lessee Name: Domonic K. P. Vespoli
Res. Lease No. 12616, Lot No. 18365
Lease Date: 7/19/2010
Area: Kanehili, Oahu
Property Sold & Amount: Yes, \$630,000.00
Improvements: 5 bedroom, 3 bath dwelling

Transferee Name: Harvey L. Auna
Relationship: None
Loan Assumption: No
Applicant: Yes, Oahu IW Res., 6/14/2017

Reason for Transfer: "Financial reasons." Special
Condition: Transferee to obtain funds to pay purchase
price.

9. Lessee Name: Samuel K. Waechtler
Res. Lease No. 948, Lot No. 74
Lease Date: 4/30/1946
Area: Papakolea, Oahu
Property Sold & Amount: No, N/A
Improvements: 4 bedroom, 2 bath dwelling

Transferee Name: Mark K. K. Kauanui
Relationship: Grandson
Loan Assumption: No
Applicant: No

Reason for Transfer: "Giving lease to relative."

10. Lessee Name: George K. Naki, III
Res. Lease No. 12382, Lot No. UNDV063
Lease Date: 12/6/2008
Area: Kapolei, Oahu
Property Sold & Amount: No, N/A
Improvements: None

Transferee Name: Tanji K. L. Naki
Relationship: Granddaughter
Loan Assumption: No
Applicant: No

Reason for Transfer: "Giving lease to relative."

11. Lessee Name: Yvonne Niheu
Agr. Lease No. 7815, Lot No. 54
Lease Date: 2/1/1987
Area: Hoolehua, Molokai
Property Sold & Amount: No, N/A
Improvements: None

Transferee Name: Charles Niheu
Relationship: Son
Loan Assumption: No
Applicant: No

Reason for Transfer: "Giving lease to relative."

Assignments for the Month of August '20	11
Previous FY '20 - '21 balance	<u>16</u>
FY '20 - '21 total to date	27
Assignments for FY '19 - '20	176

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THROUGH: Juan Garcia, HSD Administrator 

FROM: Ross Kapeliela , Acting Oahu District Office 
Supervisor, Homestead Services Division

SUBJECT: **Approval of Amendment of Leasehold Interest**

RECOMMENDED MOTION/ACTION

To approve the amendment of the leasehold interest listed below.

DISCUSSION

Five (5) amendments of lease.

1. Lessee: Marveleen K. Bilermo
Lease No.: 2410
Lot No., Area, Island: 89, Waimanalo, Oahu
Amendment: To amend the Lease title and Lessor's name, to update the property description, to incorporate the currently used terms, conditions, and covenants to the lease, and to extend the lease term to an aggregated term of 199 years.

2. Lessee: Ernest K. Cann
 Lease No.: 1894
 Lot No., Area, Island: 37-A, Keaukaha, Hawaii
 Amendment: To amend the Lease title and Lessor's name, to incorporate the currently used terms, conditions, and covenants to the lease, and to extend the lease term to an aggregated term of 199 years.
3. Lessee: Emilie K. Cummings
 Lease No.: 861
 Lot No., Area, Island: 78, Kewalo, Oahu
 Amendment: To amend the Lease title and Lessor's name, to incorporate the currently used term, covenants, and conditions in the lease, and to extend the lease term to an aggregate term of 199 years.
4. Lessee: Edwina L. Pennington
 Lease No.: 11597
 Lot No., Area, Island: UNDV, Kapolei, Oahu
 Amendment: To amend the commencement date, lot number, and property description due to final subdivision approval.
5. Lessee: Francis K. Williams
 Lease No.: 248
 Lot No., Area, Island: 8-A, Nanakuli, Oahu
 Amendment: To amend the Lease title and Lessor's name, to incorporate the currently used term, covenants, and conditions in the lease, and to extend the lease term to an aggregate term of 199 years.

Amendments for the Month of August '20	5
Previous FY '19 - '20 balance	<u>149</u>
FY '19 - '20 total to date	154
Amendments for FY '18 - '19	153

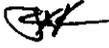
STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 17, 2020

TO: Chairman and Members, Hawaiian Homes Commission

THROUGH: Juan Garcia, HSD Administrator
Homestead Services Division

FROM: Ross K. Kapeliela, Acting ODO Supervisor 
Homestead Services Division

SUBJECT: **Approval to Issue a Non-Exclusive License for Rooftop Photovoltaic Systems for Certain Lessees**

RECOMMENDED MOTION/ACTION

To approve the issuance of a non-exclusive license to allow the Permittee to provide adequate services related to the installation, maintenance, and operation of a photovoltaic system on the premises leased by the respective Lessees.

The non-exclusive license is necessary as the Lessee cannot issue his/her own licenses.

DISCUSSION

Four (4) non-exclusive licenses.

1. Lessee: Joseph K. Hanawahine
Res. Lease No.: 11403
Lot No., Area, Island: 17192, Kaupea, Oahu
Permittee: Sunrun Installation Service Inc.

2. Lessee: Vonne H.K. Noa
Res. Lease No.: 5707
Lot No., Area, Island: 1, Nanakuli, Oahu
Permittee: Sunrun Installation Service Inc.

3. Lessee: Corri Sabate
 Res. Lease No.: 2821
 Lot No., Area, Island: 19A-2, Keaukaha, Hawaii
 Permittee: Sunrun Installation Services
4. Lessee: Reynolds T. Townsend
 Res. Lease No.: 744
 Lot No., Area, Island: 46-A-1, Nanakuli, Oahu
 Permittee: Sunrun Installation Services

Non-Exclusive License for the Month of July '20	4
Previous FY '20 - '21 balance	<u>6</u>
FY '20 - '21 total to date	10
Non-Exclusive License for FY '19 - '20	53

**HAWAIIAN HOMES COMMISSION
AUGUST 18, 2020
TELECONFERENCE
9:30 A.M.**

E – ITEMS

LAND DEVELOPMENT DIVISION

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

FROM: Stewart Matsunaga, Acting Administrator 
Land Development Division

SUBJECT: Budget Approval for Additional Funding not to Exceed \$200,000 for Honokaia Non-Potable Water System Improvements

RECOMMENDED MOTION/ACTION

1. The Land Development Division (LDD) requests Hawaiian Homes Commission approval to increase the funding ceiling for the design and construction of the Honokaia Non-Potable Water System project not to exceed an additional amount of \$200,000 from \$1,665,000.00 up to \$1,865,000, subject to assurances provided by the Plaintiffs in *Honokaia 'Ohana et al. v. Hawaiian Homes Commission et al.* of their plans for the water system's operation and maintenance.

DISCUSSION

1. The Stipulated Settlement Agreement attached as Exhibit "A" from the *Honokaia 'Ohana* case provides for a funding ceiling of \$1,165,000.00 to design and construct the Honokaia Water System. The current design cost is \$357,580.00, which leaves a balance of \$807,420.00 for construction.
2. Bid Opening for the subject project was held on December 19, 2018. Two (2) sealed bids were received were greater than the \$807,420.00 balance remaining for construction under the settlement's funding ceiling.
3. LDD worked with the Honokaia 'Ohana to value-engineer the project to bring the construction cost within the settlement amount. However, any further reductions to the scope of the project will make the project's construction infeasible.
4. On May 30, 2019, HHC approved to increase the funding ceiling by \$300,000, which would allow LDD to recommend award of the construction contract for the Honokaia Non-Potable Water System project to the lowest responsible and responsive bidder. Isemoto Construction Co., Ltd. was awarded the contract for \$1,069,756.00. Pursuant

to HHC, construction of the subject water system could not commence until operations and maintenance agreement and license was executed.

5. Contract NTP was held in abeyance since June 2019, until O&M agreement is reached in accordance with the HHC's authorization of the May 2019 action. The DHHL construction general conditions, Article 3, Section 3.1.4 states that contractor may submit a claim for increased labor and material costs which are directly attributed to the delay if the notice to proceed (NTP) is not issued within 180 days after the date the contract is executed. The contract with Isemoto Contracting Co., Ltd. was executed on June 18, 2019. Therefore, the NTP would have had to be issued by December 14, 2019 to avoid contract escalation increase. Isemoto Construction Co., Ltd. has provided an escalation estimate of \$75,000 for the period December 15, 2019 to September 1, 2020, for a delay of 8.5 months. The escalation estimate represents a 1% per month increase in contract amount. LDD engineers believe this is a reasonable amount, given this delay, assuming notice to proceed can be issued no later than September 1, 2020.

6. LDD respectfully recommends additional funding for:

a) Contract escalation cost	\$ 75,000
b) Installation of a spray on liner coating to further protect the steel bolted tank	\$ 50,000
c) Project contingency	\$ 45,000
d) Construction management services	<u>\$ 30,000</u>
	\$200,000

RECOMMENDATION

The Department recommends favorable consideration for the recommended motion above.

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission

FROM: Stewart Matsunaga, Acting Administrator 
Land Development Division

SUBJECT: For Information Only
Update of Development Agreement between the Department of Hawaiian Home Lands and Ikaika Ohana/A0597 Kona LP for "Hawaiian Home Lands Rental Housing in the Villages of Laiopua"

RECOMMENDED MOTION/ACTION

For information only

DISCUSSION

1. On August 25, 2017, DHHL awarded Ikaika Ohana rights to develop 163 affordable housing units in Villages 4 and 5 of the Villages of Laiopua, pursuant to RFP-16-HHL-004. The project concept is a 15-year rent with an option to purchase. Families whose incomes do not exceed 60% of the area median income (AMI) can rent a unit, which must remain as an affordable rental for 15 years, and after which, if qualified, can purchase their unit. Upon the sale of the homes, tenants would also be granted 99-year homestead residential leases.
2. The project is funded through a combination of Low Income Housing Tax Credits and debt. Pursuant to RFP-16-HHL-004, in May 2019, the Hawaiian Homes Commission committed \$5,000,000 in Trust Funds for this project.
3. On February 12, 2019, DHHL and Ikaika Ohana executed a Development Agreement. On April 30, 2020, Ikaika Ohana partially assigned its rights to develop the first phase of 60 units in Village 4 Akau Subdivision to its subsidiary: A0597 Kona L.P. (the Phase 1 Units).
4. On, June 19, 2019 the Hawaii Housing Finance Development Corporation (HHFDC) awarded \$1,056,996 each in Federal and State LIHTC for the Phase 1 Units.

5. On July 9, 2020, A0597 Kona L.P. was granted additional LIHTC financing to bridge a gap in their financing, and was awarded an additional \$811,944 each in Federal and State LIHTC.
6. Ikaika Ohana will pursue LIHTC financing for the remaining 103 lots in Village 5 (45 lots) and Village 4, Akau Subdivision (43 lots).
7. Under the Development Agreement, DHHL committed to grant the necessary land rights to the developer on the closing of financing. A0597 is nearing the closing of a syndicated credit facility with American Savings Bank and additional funding via the Rental Housing Revolving Fund. DHHL continues to negotiate the final terms and conditions of the repayment of its \$5M contribution to the financing of the project and the land agreement.
8. Due to the timetable requirements to expend the LIHTC financing and to complete the rent up, A0597 Kona L.P. requested that DHHL initiate the offering process now. DHHL intended to first offer units to those 222 families on the Laiopua Village 4 and 5 Undivided Interest list. After response from the project offering is provided to A0597 Kona L.P., developer's operations team will review financial applications for selection of homes projected for occupancy in February 2021.

RECOMMENDATION

For Information Only.

**HAWAIIAN HOMES COMMISSION
AUGUST 18, 2020
TELECONFERENCE
9:30 A.M.**

F – ITEMS

LAND MANAGEMENT DIVISION

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission

Through: Peter "Kahana" Albinio, Jr., Acting Administrator
Land Management Division 
Andrew H. Choy, Acting Planning Program Manager 
Planning Office

From: Allen G. Yanos, Property Development Agent 
Land Management Division
Julie-Ann Cachola, Planner
Planning Office

Subject: REQUEST FOR APPROVAL TO PROCEED WITH 2020 RENEWABLE ENERGY
PROJECT SOLICITATIONS AND FOR DELEGATION OF AUTHORITY TO THE
CHAIRMAN TO FACILITATE THEIR IMPLEMENTATION
Various Hawaiian Home Lands listed herein
Islands of Oahu, Maui, Molokai, and Hawaii Island

RECOMMENDED MOTION/ACTION:

That the Hawaiian Homes Commission ("HHC") approves:

- 1) The department to solicit proposals for renewable energy projects, including Community-Based Renewable Energy projects, on one or more parcels of the available lands shown in Table 2; and
- 2) To delegate authority to the Chairman to take all actions necessary and appropriate to implement, execute, and otherwise facilitate the solicitations (as described below) and offering of those available lands, except that the HHC reserves the following actions:
 - a) approval to conduct beneficiary consultation meetings for the selected applicants
 - b) approval of the beneficiary consultation reports issued for the selected applicants and their respective projects as the official record of comments
 - c) approval of the Right-of-Entry permits for due diligence tasks and options for general leases

DISCUSSION:

Hawaiian Home Lands Identified for Renewable Energy Projects

In response to a December 12, 2016 Request for Information to landowners by the Hawaiian Electric Companies ("HECO") regarding available Hawaiian home lands for future utility-scale renewable energy projects, DHHL provided information regarding the lands shown in Table 1. This is also the same list that

Land Management Division shared at informational briefings conducted for the HHC in January 2018 and December 2018, prior to issuance of DHHL’s solicitations for 2018 and 2019. The list was the result of discussions between representatives of Land Management Division, Land Development Division, and Planning Office. These were lands not required for homestead use, culled from those identified in each of the respective Island Plans for general agriculture, industrial or commercial use and specifically those that lacked infrastructure that would not support development for the foreseeable future. DHHL submitted the information to HECO with the condition that the lands would not be available until DHHL issued an RFP or a formal solicitation for renewable energy developers.

Table 1. DHHL Lands Identified in 2016 for Potential Renewable Energy Projects.

ISLAND	TMK	ACRES*	LOCATION	NOTES
Oahu	8-9-007:002 (portion)	448.48	Nanakuli	
Oahu	9-1-013:038	97.54	Kalaeloa	
Oahu	9-1-013:040	49.18	Kalaeloa	
Oahu	9-1-013:117	57.51	Kalaeloa	
Oahu	9-1-013:118	43.62	Kalaeloa	
Maui	1-9-001:003 (portion)	15,620	Kahikinui	Up to 1000 acres for due diligence purposes; up to 500 acres under general lease.
Molokai	5-2-001:004 (portion)	462.5	Hoolehua	
Molokai	5-2-011:016	104.991	Pala’au	
Molokai	5-4-003:003 (portion)	4993.3	Makakupa’ia	
Hawaii	6-1-001:003 (portion)	7563.83	Kawaihae	
Hawaii	6-1-006:003 (portion)	20.82	Kawaihae	
Hawaii	6-1-006:010	20.37	Kawaihae	
Hawaii	7-3-010:007 (portion)	200	Kalaoa	Up to 100 acres in the lower half.
Hawaii	9-3-001:002 (portion)	10,089.74	Kama’oa-Pu’ueo	

*Approximate

DHHL’s 2020 Renewable Energy Projects Solicitation

The Hawaii Public Utilities Commission’s Order No. 37070, filed on April 9, 2020, (“Order”) directed HECO to develop Request for Proposals (“RFPs”) for Community-Based Renewable Energy (“CBRE”), including community solar projects, beginning in late 2020. The Order authorized various renewable energy technologies for the RFPs, including solar and wind projects. This new round of RFPs gives DHHL another opportunity to leverage its under-used available lands for income-producing purposes.

Community solar can be a model for residential and commercial customers to get the benefits of solar energy but who cannot otherwise afford or install their own rooftop solar system. They might be renters or customers in locations that are not ideal for rooftop solar, or they may not be able to finance the cost of a system alone. Under the Hawaii PUC’s rules, customers can participate in the benefits (and share the burdens and expenses) by contracting to participate in a project directly with approved subscriber organizations. These subscriber organizations will build and operate a community solar facility of a set capacity in and for the benefit of a particular community. Customers who participate in the project are called “subscribers”, receive a credit on their monthly electric bill based on the output of the community solar project and their level of participation in the project. (Hawaiian Electric, 2020) For more information

about the community solar model envisioned by Hawaiian Electric Company *see* <https://www.hawaiianelectric.com/products-and-services/customer-renewable-programs/community-solar>.

A community solar project on Hawaiian home lands may have the potential to benefit both waitlist applicants and homestead lessees that participate in a project. Smaller scale cooperative models that let beneficiaries pool assets, share risks, and ultimately share the rewards of owning a portion of the energy generated by a project could lead to benefits like lower energy bills. However, community solar is still new to Hawaii, and DHHL must explore potential policies programs and models to maximize the benefits to the trust and its beneficiaries.

Table 2. Updated List of DHHL Lands Identified for CBRE Projects.

ISLAND	TMK	ACRES'	LOCATION	NOTES
Oahu	8-9-007:002 (portion)	448.48	Nanakuli	
Maui	1-9-001:003 (portion)	15,620	Kahikinui	Up to 1000 acres for due diligence purposes; up to 500 acres under general lease.
Molokai	5-2-001:004 (portion)	462.5	Hoolehua	
Molokai	5-2-011:016	104.991	Pala'au	
Molokai	5-4-003:003 (portion)	4993.3	Makakupa'ia	
Hawaii	6-1-001:003 (portion)	7563.83	Kawaihae	Up to 1,950 acres in the southern portion of the parcel.
Hawaii	6-1-006:003 (portion)	20.82	Kawaihae	
Hawaii	6-1-006:010	20.37	Kawaihae	
Hawaii	7-3-010:007 (portion)	200	Kalaoa	Up to 100 acres in the lower half.
Hawaii	9-3-001:002 (portion)	10,089.74	Kama'oa-Pu'ueo	

Approximate

Land Management Division, following consultation with the Planning Office, is seeking approval from the HHC to issue solicitations for CBRE projects on the parcels shown in Table 2. Parcels or portions suitable for the purposes of the project and aligned with DHHL's plans, goals, and objectives will be identified with the assistance of DHHL's renewable energy consultants in coordination with DHHL staff. Specific parcels cannot be identified now because of unknown variables with the RFP.

Approval for Delegation of Authority to the Chairman

Land Management Division and the Planning Office believe timely action is important to take advantage of opportunities to lease available lands that have already been designated for revenue-generating purposes and participate in HECO's RFPs. For that reason, and to provide the greatest flexibility, approval is requested for the HHC to delegate authority to the Chairman to approve the final list of parcels to include in the solicitations following their assessment by the renewable energy consultants and staff's recommendations. The delegation of authority to the Chairman is also being requested to take whatever action is needed to facilitate the solicitation and leasing process, including, but not limited to, modifying the process schedule shown in Exhibit "A". The HHC will still make the final decision on whether to approve the issuance of the Right-of-Entry and a general lease as prescribed by law.

LEGAL AUTHORITY:

Under Section 204(a)(2), the department is authorized to manage and dispose of lands not required for leasing under Section 207(a). Section 204(a)(2) of the Hawaiian Homes Commission Act, 1920, as amended, reads in part...“In the management of any retained available lands not required for leasing under Section 207(a), the department may dispose of such lands to the public, including native Hawaiians, on the same terms, conditions, restrictions and uses applicable to the disposition of public lands as provided in Chapter 171, Hawaii Revised Statutes, provided that the Department may not sell or dispose of such land in fee simple....”

Pursuant to Section 202 of the Hawaiian Homes Commission Act, 1920, as amended, “the Commission may delegate to the chairman such duties, powers, and authority, or so much thereof, as may be lawful or proper for the performance of the functions vested in the Commission....”

Section 10-4-1 of the DHHL’s Administrative Rules, as amended, also states in part that... “The department may lease, license or otherwise deal with any available lands as may not be immediately needed for the purposes of the Act as provided by Section 204(a)(2) of the act and Chapter 171, HRS, upon such terms and conditions as to it may deem fair reasonable.”

Section 171-95, HRS, as amended, authorizes disposition to public utilities and renewable energy producers of public lands for terms up to, but not in excess of, sixty-five years at such rental and on such other terms and conditions as the Board may determine. For the purposes of this section, “renewable energy producer” means “any producer or developer of electrical or thermal energy produced by wind, solar energy hydropower, geothermal resources, landfill gas, waste-to-energy; ocean thermal energy conversion, cold seawater, wave energy, biomass, including municipal solid waste...that sell all of the net power produced from the demised premises to an electric utility company regulated under Chapter 269....”

Section 171-95.3, HRS, authorizes the lease or renewal of a lease of public lands “to renewable energy producers, as defined in section 171-95, without public auction only pursuant to a public process that includes public notice under Section 1-28.5 providing other interested renewable energy producers opportunity to participate in the process....”

RECOMMENDATION:

Land Management Division and the Planning Office recommend approval of the motions as stated.

EXHIBIT "A"

GENERAL LEASING PROCESS AND SCHEDULE

ACTION/TASK	DEADLINES/ TIMEFRAME
1. Issue Public Notice of solicitation; post solicitation Information Packet on DHHL's website	August 25, 2020
2. Solicitation questions due	September 11 , 2020
3. Post solicitation addendum on DHHL's website, compiling all solicitation questions and responses	September 15 , 2020
4. Applications due	October 2, 2020 at 2:00 pm HST
5. Evaluate, score and rank applications	Three weeks after application deadline*
6. Issue application status letters; select applicants for negotiations on draft lease terms	Five days after selection of applicants*
7. Negotiate draft lease terms <ul style="list-style-type: none">• Upon agreement, staff prepares request for Hawaiian Homes Commission (HHC) approval to proceed with Beneficiary Consultation (BC) meetings for selected applicants• If agreement not reached, negotiations are terminated; DHHL begins negotiations with next-ranked applicant	Upon selection of applicants*
8. Issue selection status letters; selected applicants to proceed with leasing process; \$10,000 Right-of Entry permit deposit due	Upon completion of negotiations for acceptable lease terms*
9. Provide solicitation status to HHC; request approval to conduct BC meetings	November 16-17, 2020 HHC Meeting
10. Mail notices to affected beneficiaries inviting participation in the BC meetings and attend the public hearings	One week after HHC Meeting*
11. Conduct BC meetings	Two weeks following mail-out*

ACTION/TASK	DEADLINES/ TIMEFRAME
12. Negotiate final lease terms, as necessary, to address beneficiary issues and concerns	Two weeks after BC meeting*
13. BC comments due	30 days after BC meeting*
14. Submit BC report to HHC for acceptance as official record of comments	January 19-20, 2021 HHC Meeting
15. Publish public hearings notice in newspapers	Three days after HHC meeting*
16. HHC conducts two (2) public hearings followed by decision-making to issue Right-of-Entry permit with option for General Lease (ROE)	Two weeks after public hearing notice published*
17. Issue approval letter to selected applicants confirming issuance of ROE	Four days after HHC approval* (March 2021)
18. Issue ROE for execution; balance of ROE fees due, in advance, under initial two-year term	One week after approval letter issued*
19. Permittee completes due diligence work, technical studies and secures Chapter 343, HRS compliance, and satisfaction of all other conditions	Within ROE term: initial two years with three one-year options
20. Issue General Lease for execution	Upon payment of Option Fee and satisfaction of all conditions

**DHHL may extend or accelerate the timeframes shown at any time, at its sole discretion. Any dates shown following these timeframes are provided for reference purposes only and are subject to change.*

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission

From: Peter "Kahana" Albinio, Jr., Acting Administrator
Land Management Division 

Subject: Approval to Amendment of General Lease No. 290, Kapolei Community Development Corp. (KCDC), East Kapolei, Oahu, TMK (1) 91151002

RECOMMENDED MOTION/ACTION

That the Hawaiian Homes Commission (HHC) grant its approval to the following:

A. Declare and grant a perpetual nonexclusive easement for pedestrian, vehicular, and other access and utilities over, under, across, and through Kekahili Street, appurtenant to and for the benefit of the Benefited Property subject to the following conditions:

1. The "premises" leased to KCDC by GL 290 shall be amended to include perpetual nonexclusive easement rights in Easement 10092 for pedestrian, vehicular, and other access and utilities over, under, across, and through Kekahili Street, appurtenant to and for the benefit of the Benefited Property;
2. The Declaration shall express LESSOR's intent to declare and grant a perpetual nonexclusive easement for pedestrian, vehicular, and other access and utilities over, under, across, and through Easement 10092, for the purposes as described and for no other purpose whatsoever;
3. To delegate authority to the Chairman to all actions necessary and appropriate to implement, and otherwise execute a Declaration and Grant of Easement Rights document;
4. The Declaration and Grant of Easement Rights document draft (See Exhibit "A") shall be subject to the review and approval of the State of Hawaii Department of Attorney General; and
5. The Chairman of the Hawaiian Homes Commission may set forth other terms and conditions deemed prudent and necessary.

B. To amend General Lease No. 290 as follows:

1. Delete Article One, Section 1, titled Lease, which reads in its entirety as follows:

“LESSOR, for and in consideration of the rent to be paid and of the terms, covenants and conditions herein contained, all on the part of LESSEE to be kept, observed and performed, does lease to LESSEE, and LESSEE does lease from LESSOR, those certain premises located at Kapolei, Island of Oahu, City and County of Honolulu, Tax Map Key No. (1) 9-1-151:002, comprising of 4.992 acre, more or less, of Hawaiian home lands, more particularly shown on the map marked **Exhibits “A” & “B”**, attached hereto and made a part hereof (“Premises”).

2. Insert new Article One, Section 1, titled Lease, to read as follows:

“LESSOR, for and in consideration of the rent to be paid and of the terms, covenants and conditions herein contained, all on the part of LESSEE to be kept, observed and performed, does lease to LESSEE, and LESSEE does lease from LESSOR, those certain premises located at Kapolei, Island of Oahu, City and County of Honolulu, Tax Map Key No. (1) 9-1-151:002, comprising of 4.992 acre, more or less, of Hawaiian home lands, more particularly shown on the map marked **Exhibits “A” & “B”**, and further described in **Exhibit “B-1”**, all attached hereto and made a part hereof (“Premises”).

3. Delete Article One, Section 3, titled Progress Evaluation, as amended by Section 1 of the Second Amendment, which reads in its entirety as follows:

“During the term of the General Lease, LESSEE shall cause Sublessee to make significant progress toward completion of LESSEE’s economic development (self-sustaining) component. Progress shall be measured against milestones set over the first ten (10) years of the General Lease. Failure to meet any milestone or an otherwise negative evaluation of LESSEE’S project may be grounds for early termination of the General Lease. The milestones that must be met in reference to the commencement date of this General Lease are as follows:

- 1) Complete HRT Chapter 343 compliance.
- 2) Grub, clear and maintain entire Premises.
- 3) Submit preliminary development plan for review and comment.
- 4) Initiate design for all backbone infrastructures - access roads, water meter, water lines, waste water system, drainage and utilities connection.
- 5) Submit development plans for review and approval.
- 6) Application of all required permits for the development of the project. LESSEE shall seek and secure all approvals and permits which may be required from any governmental authority

having division. LESSEE shall bear all costs and expenses of obtaining the necessary approvals and permits.

- 7) Entire project completed as planned.”

LESSOR acknowledges that with respect to the foregoing obligations set forth in Article One, Section 3, LESSEE has caused Sublessee to satisfy conditions (1)-(3), as of the date of this Amendment. LESSOR further acknowledges that in connection with condition (5), LESSOR has reviewed and approved the development plans attached hereto as Exhibit “A”.

4. Insert new Section 3, titled Progress Evaluation, to read as follows:

“During the term of the General Lease, LESSEE shall cause Sublessee to make significant progress toward completion of LESSEE’s economic development (self-sustaining) component. Progress shall be measured against milestones set over the first eleven (11) years of the General Lease. Failure to meet any milestone or an otherwise negative evaluation of LESSEE’S project may be grounds for early termination of the General Lease. The milestones that must be met in reference to the commencement date of this General Lease are as follows:

- 1) Complete HRS Chapter 343 compliance.
- 2) Grub, clear and maintain entire Premises.
- 3) Submit preliminary development plan for review and comment.
- 4) Initiate design for all backbone infrastructures - access roads, water meter, water lines, waste water system, drainage and utilities connection.
- 5) Submit development plans for review and approval.
- 6) Application of all required permits for the development of the project. LESSEE shall seek and secure all approvals and permits which may be required from any governmental authority having jurisdiction. LESSEE shall bear all costs and expenses of obtaining the necessary approvals and permits.
- 7) Entire infrastructure and majority of buildings on project substantially completed as planned.”

LESSOR acknowledges that with respect to the foregoing obligations set forth in Article One, Section 3, LESSEE has caused Sublessee to satisfy conditions (1)-(3), as of the date of this Amendment. LESSOR further

acknowledges that in connection with condition (5), LESSOR has reviewed and approved the development plans attached hereto as Exhibit "A".

5. Delete the last paragraph of Article Four, Section 10, titled Subletting, as set out in the Second Amendment, which reads in its entirety as follows:

"Without limiting the generality of the foregoing, LESSOR consents to that certain Sublease dated June 6, 2017, by and between LESSEE, as Sublessor, and KZ Companies, LLC, as Sublessee. LESSOR further consents to the following: (1) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Longs Drug Stores California, L.L.C, as Sublessee; and (2) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Par Hawaii, Inc., as Sublessee."

6. Insert new last paragraph of Article Four, Section 10, titled Subletting, as set out in the Second Amendment, to read as follows:

"Without limiting the generality of the foregoing, LESSOR consents to that certain Sublease dated June 6, 2017, by and between LESSEE, as Sublessor, and KZ Companies, LLC ("KZC"), as Sublessee, as amended by that certain unrecorded First Amendment to Ground Sublease dated as of February 28, 2019, as further amendment by that certain unrecorded Second Amendment to Ground Sublease dated as of June 11, 2020, and as it may be further amended from time to time (the "Sublease"), and assigned by KZC to HO'OMAKA MARKETPLACE LP, a Hawaii limited partnership, pursuant to that certain unrecorded Assignment of Sublease dated September 25, 2019. LESSOR further consents to the following: (1) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Longs Drug Stores California, L.L.C, as Sublessee; (2) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Par Hawaii, Inc., as Sublessee; and (3) that certain Ground Sub-Sublease, by and between HO'OMAKA MARKETPLACE LP, as Sublessor, and CHICK-FIL-A, INC., as Sublessee."

7. Delete Article Five, Section 15(h), which reads in its entirety as follows:

"(h) For good cause shown, the Chairman of the Hawaiian Homes Commission may extend the three (3) year construction period for an additional three (3) years; such approval is subject to the ratification by the Hawaiian Homes Commission."

8. Insert new Article Five, Section 15(h) to read in its entirety as follows:

"(h) *Intentionally omitted.*"

9. Delete Article Five, Section 15(i), as set out in Section 11 of the Second Amendment, which reads in its entirety as follows:

“(i) LESSOR acknowledges that Sublessee intends to establish a condominium property regime on the Premises, in accordance with Chapter 514B of the Hawaii Revised Statutes, by recording a Declaration of Condominium Property Regime, Bylaws, and a Condominium Map in the Bureau of Conveyances of the State of Hawaii (collectively, the “Condominium Documents”). Prior to any such recording of the Condominium Documents, LESSEE shall cause Sublessee to submit the Condominium Documents to LESSOR for its prior written approval, which shall not be unreasonably withheld or delayed.”

10. Insert a new Article Five, Section 15(i) to read in its entirety as follows:

“(i) LESSOR acknowledges that Sublessee intends to establish a condominium property regime (the “Condominium”) on the Premises, in accordance with Chapter 514B of the Hawaii Revised Statutes, by recording a Declaration of Condominium Property Regime, Bylaws, and a Condominium Map in the Bureau of Conveyances of the State of Hawaii (collectively, the “Condominium Documents”). LESSOR has approved the Condominium Documents submitted to LESSOR for its prior written approval. If LESSOR, LESSEE, and Sublessee submit their respective interests in the Premises to a Condominium, then for so long as the Sublease is in effect, Sublessee, and Sublessee’s successor as the sublessee under the Sublease, if any, shall be deemed to be the “unit owner” of all units in the Condominium, with all rights and privileges, and responsibilities, of an “Owner” of the Condominium units for all purposes including the exercise of voting rights, as set out in the Condominium Documents, any supplementary declaration, and other Condominium documents, amendments thereto, and restatements thereof, and also notwithstanding any sub-sublease of any Condominium unit, and in the event that the Sublease is no longer in effect, then for so long as this Lease is in effect, the LESSEE, and LESSEE's successor as the lessee under this Lease, if any, shall be deemed to be the "unit owner" as the same is described herein.”

11. Insert a new **Exhibit “B-1”** in the form attached hereto as **Exhibit “B-1”**.
12. The Chairman of the Hawaiian Homes Commission may set forth other terms and conditions deemed prudent and necessary;

13. The Amendment to Lease document draft (See Exhibit “B”) shall be subject to the review and approval of the State of Hawaii Department of Attorney General; and
- 14) Except as amended herein, all of the terms, covenants, conditions and provisions of General Lease No. 290 shall remain in full force and effect and shall be binding upon the parties hereto.

DISCUSSION

The Hawaiian Homes Commission, at its regular monthly meeting of July 20, 2010, approved the issuance of a General Lease No. 290 to Kapolei Community Development Corporation to use a portion of Hawaiian home lands in Kapolei for the purpose of facilitating an economic development venture by subleasing the parcel to a private developer whereby the rental revenue received would be used to support its community project, the Cultural Heritage Center that would encompass a community center, and social service facilities to provide services benefitting the Department of Hawaiian Home Lands (DHHL) or native Hawaiians residing in the Kapolei region and the broader West O’ahu area. General Lease No. 290 was issued to La’i’Ōpua 2020 for a term of sixty-five (65) years effectively commencing on May 17, 2011.

A First Amendment to General Lease No. 290, fully executed as of June 25, 2012 is filed with the Department of Hawaiian Home Lands but is not recorded with the Bureau of Conveyances of the State of Hawaii. The subject amendment provides LESSEE an opportunity to explore some alternative residential opportunities that may be feasible and prudent for native Hawaiian beneficiaries of the Hawaiian Home Lands Trust.

A Second Amendment to General Lease No. 290, fully executed as of June 27, 2018 is filed with the Department of Hawaiian Home Lands but is not recorded with the Bureau of Conveyances of the State of Hawaii. The subject amendment provided LESSEE an opportunity to facilitate its intent to develop the demised premises into a shopping center called the Ho’omaka Market Place (the “Shopping Center”), which development will fulfill certain of Lessee’s obligations under the Lease.

The following pertinent information on GL No. 290 are as follows:

General Lessee:	Kapolei Community Development Corporation, a Hawaii 501(c)(3) non-profit corporation	
Location:	Kapolei, Island of O’ahu	
TMK No./Land Area:	(1) 91151002 / 4.992 Acre (217,452 sq.ft.)	
Land Area:	4.992 Acre (217,452 sq.ft.)	
Term:	Sixty-five (65) years; 05/17/2011 – 05/16/2076	
Rent:	Annau Rent for Yrs. 1 – 10	\$520,000

Annual Rent for Yrs. 11 – 15	\$572,000
Annual Rent for Yrs. 16 – 20	\$692,200
Annual Rent for 10 yr. option periods thereafter shall be determined by Fair Market Value	

Zoning Designation: Commercial Mixed Use (BMX3)

On behalf of the Kapolei Community Development Corporation, its legal consultant Mr. David Lau, of the Law Firm of Imanaka Asato, requested that the Hawaiian Homes Commission grant approval for a Third Amendment to General Lease No. 290 (See Exhibit "C").

In summary, the Third Amendment to General Lease 290 ("Third Amendment") is needed primarily to (1) include in the General Lease 290 ("GL 290") access and utility rights over Kekahili Street and (2) address unforeseen permitting delays and other delays caused by the COVID-19 pandemic. Other changes to the GL 290 are being made to bring certain provisions up to date. Below is a summary of the changes that will be made by the Third Amendment:

- Change in Premises Description. The "premises" leased to KCDC by GL 290 is being amended to include rights in Easement 10092 (as described in my other email regarding the Declaration and Grant of Easement Rights over Kekahili Street). This change will confirm that KCDC and Ho'omaka Marketplace LP will be able to use Kekahili Street for access and utility purposes.
- Extension of Project Completion Deadline. Under GL 290, failure to complete the entire project as planned by May 17, 2021 may be grounds for early termination of the GL 290 by DHHL. This "project completion deadline" was not an issue in the beginning stages of project planning. However, due to delays in permitting and the unforeseen consequences of the COVID-19 pandemic, this deadline is being extended by one year. Additionally, with the fluid COVID-19 pandemic situation, it is difficult to predict other delays, so the benchmark of "entire project completed as planned" is being changed to "entire infrastructure and majority of buildings on project substantially completed as planned."
- Subletting. The "Subletting" provision of GL 290 is being amended to recognize DHHL's consent to the various Ground Sublease amendments and sub-subleases.
- Removal of Outdated Provision. Removes a section that was rendered non-applicable due to changes made by the Second Amendment to GL 290.
- Condominium Property Regime ("CPR"). Amends the CPR provision of GL 290 to recognize DHHL's approval of the CPR documents (map, bylaws, and declaration) and confirm that Ho'omaka Marketplace LP is the "unit owner" of the CPR units for so long as the Sublease is in effect, and further that if the Sublease is terminated, that KCDC is the "unit owner" of the CPR units as long as the GL 290 is in effect.

RECOMMENDATION

Land Management Division respectfully request approval of the motion/action as stated.

right of State or the Constructing Party against them or any person acting under them. The Constructing Party shall deposit certificates of such insurance with State.

6. Discharge of Liens. Benefited Parties shall not commit or permit any act or neglect whereby the Easement or any portion thereof shall become subject to any attachment, judgment, lien, charge, or encumbrance whatsoever resulting from the acts or omissions of Benefited Parties or Benefited Parties' respective agents or contractors, and Benefited Parties shall each (and not jointly or severally) indemnify and hold harmless State from and against all loss, cost, and expenses, including reasonable attorneys' fees and costs related thereto. Benefited Parties shall each promptly discharge or cause to be discharged or dismissed every such attachment, judgment, lien, charge, or encumbrance caused by the applicable Benefited Party that may be filed against the Easement or Roadway Lot(s).

7. Dedication. If the Easement or the Roadway Lots are conveyed or dedicated to and accepted by the City and County of Honolulu or the State of Hawaii for public road purposes, Benefited Parties' rights and obligations set forth in this Declaration shall automatically terminate and extinguish effective as of the date of such conveyance or dedication, and if only a portion of the Easement or Roadway Lots is conveyed or dedicated, such termination and extinguishment shall be only as to the portion of the Easement or Roadway Lots so conveyed or dedicated.

8. Easement Runs With the Land. This Declaration and the Easement shall be appurtenant to and for the benefit of the Benefited Property, and shall run with the land. This Declaration shall be binding on and inure to the benefit of State, Benefited Parties, and all persons and entities claiming by and through them, respectively, as above set forth. The terms "State" and "Benefited Parties" as used herein shall include State and Benefited Parties respectively, and their respective successors in interest as above set forth, and all persons and entities who may have or acquire an interest in the Benefited Property shall be deemed to have notice of, and shall be bound by the terms of this Declaration.

9. No Waiver. The failure to enforce any provision of this Declaration shall not constitute a waiver thereof or of the right to enforce such provision thereafter.

10. Interpretation. The captions of the sections of this Declaration are for convenience only and shall not be considered to expand, modify, or aid in the interpretation, construction or meaning of this Declaration. As used herein, the singular shall include the plural and the masculine shall include the feminine and neuter.

11. Enforcement. In the event of any legal action or other proceeding to enforce this Declaration, or as a result of an alleged dispute, breach, default, or misrepresentation in connection with any provision of this Declaration, the prevailing party or parties shall be entitled to recover from the non-prevailing party or parties all costs, expenses, and reasonable attorneys' fees incurred. Notwithstanding the generality of the foregoing, nothing in this section or this instrument shall be construed, interpreted, or deemed to be a waiver of State's sovereign immunity nor to allow Benefited Parties, or those claiming by through or under them, their successors in interests and assigns, to damages, costs, expenses, or reasonable attorneys' fees exceeding those that may be allowed by law or rule.

12. Applicable Law; Jurisdiction. This Declaration shall be governed by and construed under the laws of the State of Hawaii. Any legal action under this Declaration shall be filed in the Hawaii judicial system only, and the parties hereby unconditionally submit themselves to the jurisdiction of the courts of the State of Hawaii and the United States District Court for the District of Hawaii, and waive the right to assert that such courts are in an inconvenient forum.

13. Invalidity; Partial Invalidity. If this Declaration or any term, provision, covenant or condition hereof should be held to be invalid, void or unenforceable, or shall be found to be ineffective to

achieve the stated purpose and intent, then all affected parties, including State and the owner of the Benefited Property, agree to act reasonably and to cooperate to achieve the intent and purpose herein set forth.

[End of Declaration; signature on next page]

EXHIBIT A
Roadway Lots
Tax Map Key No. (1) 9-1-151-055

ITEM FIRST:

That certain parcel of land situate at Kapolei, Island of Oahu, City and County of Honolulu, State of Hawaii, more particularly described as follows:

Lot 18700, area 19.083 acres, more or less, as shown on Map 1460 filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii with Land Court Application No. 10669 of the Trustees Under the Will and of the Estate of James Campbell, Deceased.

Being a portion of the lands described in and covered by Certificate of Title No. 830,719.

ITEM SECOND:

That certain parcel of land situate at Kapolei, Island of Oahu, City and County of Honolulu, State of Hawaii, more particularly described as follows:

Lot 18701, area 2,988 square feet, more or less, as shown on Map 1460 filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii with Land Court Application No. 10669 of the Trustees Under the Will and of the Estate of James Campbell, Deceased.

Being a portion of the lands described in and covered by Certificate of Title No. 830,719.

END OF EXHIBIT A

EXHIBIT B
Benefitted Property
Tax Map Key No. (1) 9-1-151-002

That certain parcel of land situate at Kapolei, Island of Oahu, City and County of Honolulu, State of Hawaii, more particularly described as follows:

Lot 18698, area 4.992 acres, more or less, as shown on Map 1460 filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii with Land Court Application No. 10669 of the Trustees Under the Will and of the Estate of James Campbell, Deceased.

Being a portion of the lands described in and covered by Certificate of Title No. 830,719.

END OF EXHIBIT B

EXHIBIT "B"

ITEM NO. F-2

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOMELANDS
THIRD AMENDMENT TO GENERAL LEASE NO. 290

THIS THIRD AMENDMENT TO GENERAL LEASE NO. 290 (this "Amendment"), is made this day of _____, 2020, by and between the STATE OF HAWAII, by its DEPARTMENT OF HAWAIIAN HOME LANDS, whose principal place of business is 91-5420 Kapolei Parkway, Kapolei, Hawaii, and whose mailing address is P.O. Box 1879, Honolulu, Hawaii 96805, hereinafter "LESSOR," and KAPOLEI COMMUNITY DEVELOPMENT CORPORATION, a Hawaii Non-Profit 501(c)(3) Corporation, hereinafter "LESSEE," whose mailing and business address is P.O. Box 700911, Kapolei, Hawaii 96709, collectively the "PARTIES";

DRAFT
WITNESSETH:

WHEREAS, by that certain unrecorded Lease dated May 3, 2011 (the "Lease"), LESSOR leased to LESSEE, and LESSEE leased from LESSOR, the premises located at Kapolei, Island of Oahu, City and County of Honolulu, Tax Map Key No. (1) 9-1-151:002, comprising 4.992 acres, more or less of Hawaiian Home Lands, as more particularly described therein (the "Premises");

WHEREAS, by that First Amendment to General Lease No. 290 dated June 25, 2012, and by that Second Amendment to General Lease No. 290 dated June 27, 2018 (the "Second Amendment"), LESSOR and LESSEE amended said Lease;

WHEREAS, LESSEE, as Sublessor, subleased the Premises to KZ Companies, LLC ("KZC") pursuant to that certain Ground Sublease dated June 6, 2017, as amended by that certain unrecorded First Amendment to Ground Sublease dated as of February 28, 2019, and as further amended by that certain unrecorded Second Amendment to Ground Sublease dated as of June 11, 2020, between Sublessor and KZC (as amended, the "Sublease"), and KZC assigned the sublessee's interest in the Ground Sublease to HO'OMAKA MARKETPLACE LP, a Hawaii limited partnership ("Sublessee") pursuant to that certain unrecorded Assignment of Sublease dated September 25, 2019;

WHEREAS, Sublessee intends to develop the Premises into a shopping center called Ho'omaka Marketplace (the "Shopping Center"), which development will fulfill certain of LESSEE'S obligations under the Lease;

WHEREAS, in order to facilitate Sublessee's development of the Premises, LESSOR and LESSEE desire to further amend the Lease as more fully set forth herein;

NOW THEREFORE, for and in consideration of the foregoing and mutual covenants, terms and conditions hereinafter provided, the PARTIES, for and on behalf of

themselves, their successors and assigns, do here by agree to amend General Lease No. 290 as follows:

- 1) Delete Article One, Section 1, titled Lease, which reads in its entirety as follows:

"LESSOR, for and in consideration of the rent to be paid and of the terms, covenants and conditions herein contained, all on the part of LESSEE to be kept, observed and performed, does lease to LESSEE, and LESSEE does lease from LESSOR, those certain premises located at Kapolei, Island of Oahu, City and County of Honolulu, Tax Map Key No. (1) 9-1-151:002, comprising of 4.992 acre, more or less, of Hawaiian home lands, more particularly shown on the map marked Exhibits "A" & "B", attached hereto and made a part hereof ("Premises")."

- 2) Insert new Article One, Section 1, titled Lease, to read as follows:

"LESSOR, for and in consideration of the rent to be paid and of the terms, covenants and conditions herein contained, all on the part of LESSEE to be kept, observed and performed, does lease to LESSEE, and LESSEE does lease from LESSOR, those certain premises located at Kapolei, Island of Oahu, City and County of Honolulu, Tax Map Key No. (1) 9-1-151:002, comprising of 4.992 acre, more or less, of Hawaiian home lands, more particularly shown on the map marked Exhibits "A" & "B", and further described in Exhibit "B-1", all attached hereto and made a part hereof ("Premises")."

- 3) Delete Article One, Section 3, titled Progress Evaluation, as amended by Section 1 of the Second Amendment, which reads in its entirety as follows:

"During the term of the General Lease, LESSEE shall cause Sublessee to make significant progress toward completion of LESSEE'S economic development (self-sustaining) component. Progress shall be measured against milestones set over the first ten (10) years of the General Lease. Failure to meet any milestone or an otherwise negative evaluation of LESSEE'S project may be grounds for early termination of the General Lease. The milestones that must be met in reference to the commencement date of this General Lease are as follows:

- 1) Complete HRT Chapter 343 compliance.
- 2) Grub, clear and maintain entire Premises.
- 3) Submit preliminary development plan for review and comment.
- 4) Initiate design for all backbone infrastructures - access roads, water meter, water lines, waste water system, drainage and utilities connection.
- 5) Submit development plans for review and approval.
- 6) Application of all required permits for the development of the project. LESSEE shall seek and secure all approvals and permits which may be required from any governmental authority having division. LESSEE

shall bear all costs and expenses of obtaining the necessary approvals and permits.

- 7) Entire project completed as planned.”

LESSOR acknowledges that with respect to the foregoing obligations set forth in Article One, Section 3, LESSEE has caused Sublessee to satisfy conditions (1)-(3), as of the date of this Amendment. LESSOR further acknowledges that in connection with condition (5), LESSOR has reviewed and approved the development plans attached hereto as Exhibit “A”.

- 4) Insert new Section 3, titled Progress Evaluation, to read as follows:

“During the term of the General Lease, LESSEE shall cause Sublessee to make significant progress toward completion of LESSEE’s economic development (self-sustaining) component. Progress shall be measured against milestones set over the first eleven (11) years of the General Lease. Failure to meet any milestone or an otherwise negative evaluation of LESSEE’S project may be grounds for early termination of the General Lease. The milestones that must be met in reference to the commencement date of this General Lease are as follows:

- 1) Complete HRS Chapter 343 compliance.
- 2) Grub, clear and maintain entire Premises.
- 3) Submit preliminary development plan for review and comment.
- 4) Initiate design for all backbone infrastructures - access roads, water meter, water lines, waste water system, drainage and utilities connection.
- 5) Submit development plans for review and approval.
- 6) Application of all required permits for the development of the project. LESSEE shall seek and secure all approvals and permits which may be required from any governmental authority having jurisdiction. LESSEE shall bear all costs and expenses of obtaining the necessary approvals and permits.
- 7) Entire infrastructure and majority of buildings on project substantially completed as planned.”

LESSOR acknowledges that with respect to the foregoing obligations set forth in Article One, Section 3, LESSEE has caused Sublessee to satisfy conditions (1)-(3), as of the date of this Amendment. LESSOR further acknowledges that in connection with condition (5), LESSOR has reviewed and approved the development plans attached hereto as Exhibit “A”.

- 5) Delete the last paragraph of Article Four, Section 10, titled Subletting, as set out in the Second Amendment, which reads in its entirety as follows:

“Without limiting the generality of the foregoing, LESSOR consents to that certain Sublease dated June 6, 2017, by and between LESSEE, as Sublessor, and KZ Companies, LLC, as Sublessee. LESSOR further consents to the following: (1) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Longs Drug Stores California, L.L.C., as Sublessee; and (2) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Par Hawaii, Inc., as Sublessee.”

- 6) Insert new last paragraph of Article Four, Section 10, titled Subletting, as set out in the Second Amendment, to read as follows:

“Without limiting the generality of the foregoing, LESSOR consents to that certain Sublease dated June 6, 2017, by and between LESSEE, as Sublessor, and KZ Companies, LLC (“KZC”), as Sublessee, as amended by that certain unrecorded First Amendment to Ground Sublease dated as of February 28, 2019, as further amendment by that certain unrecorded Second Amendment to Ground Sublease dated as of June 11, 2020, and as it may be further amended from time to time (the “Sublease”), and assigned by KZC to HO’OMAKA MARKETPLACE LP, a Hawaii limited partnership, pursuant to that certain unrecorded Assignment of Sublease dated September 25, 2019. LESSOR further consents to the following: (1) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Longs Drug Stores California, L.L.C., as Sublessee; (2) that certain Ground Sub-Sublease, by and between KZ Companies, LLC, as Sublessor, and Par Hawaii, Inc., as Sublessee; and (3) that certain Ground Sub-Sublease, by and between HO’OMAKA MARKETPLACE LP, as Sublessor, and CHICK-FIL-A, INC., as Sublessee.”

- 7) Delete Article Five, Section 15(h), which reads in its entirety as follows:

“(h) For good cause shown, the Chairman of the Hawaiian Homes Commission may extend the three (3) year construction period for an additional three (3) years; such approval is subject to the ratification by the Hawaiian Homes Commission.”

- 8) Insert new Article Five, Section 15(h) to read in its entirety as follows:

“(h) *Intentionally omitted.*”

- 9) Delete Article Five, Section 15(i), as set out in Section 11 of the Second Amendment, which reads in its entirety as follows:

“(i) LESSOR acknowledges that Sublessee intends to establish a condominium property regime on the Premises, in accordance with Chapter 514B of the Hawaii Revised Statutes, by recording a Declaration of Condominium

Property Regime, Bylaws, and a Condominium Map in the Bureau of Conveyances of the State of Hawaii (collectively, the "Condominium Documents"). Prior to any such recording of the Condominium Documents, LESSEE shall cause Sublessee to submit the Condominium Documents to LESSOR for its prior written approval, which shall not be unreasonably withheld or delayed."

10) Insert a new Article Five, Section 15(f) to read in its entirety as follows:

"(i) LESSOR acknowledges that Sublessee intends to establish a condominium property regime (the "Condominium") on the Premises, in accordance with Chapter 514B of the Hawaii Revised Statutes, by recording a Declaration of Condominium Property Regime, Bylaws, and a Condominium Map in the Bureau of Conveyances of the State of Hawaii (collectively, the "Condominium Documents"). LESSOR has approved the Condominium Documents submitted to LESSOR for its prior written approval. If LESSOR, LESSEE, and Sublessee submit their respective interests in the Premises to a Condominium, then for so long as the Sublease is in effect, Sublessee, and Sublessee's successor as the sublessee under the Sublease, if any, shall be deemed to be the "unit owner" of all units in the Condominium, with all rights and privileges, and responsibilities, of an "Owner" of the Condominium units for all purposes including the exercise of voting rights, as set out in the Condominium Documents, any supplementary declaration, and other Condominium documents, amendments thereto, and restatements thereof, and also notwithstanding any sub-sublease of any Condominium unit, and in the event that the Sublease is no longer in effect, then for so long as this Lease is in effect, the LESSEE, and LESSEE's successor as the lessee under this Lease, if any, shall be deemed to be the "unit owner" as the same is described herein."

11) Insert a new **Exhibit "B-1"** in the form attached hereto as **Exhibit "B-1"**.

12) Except as amended herein, all of the terms, covenants, conditions and provisions of General Lease No. 290 shall remain in full force and effect and shall be binding upon the parties hereto.

[The Remainder of Page is Intentionally Left Blank; Signature Page Follows.]

IN WITNESS HEREOF, the parties hereto have caused these presents to be executed as of the day and year first above written.

APPROVED BY THE HHC
State of Hawaii
DEPARTMENT OF HAWAIIAN HOME LANDS
AT ITS MEETING HELD ON _____, 2020

APPROVED AS TO FORM:

Deputy Attorney General
State of Hawaii

By _____
William J. Aila, Jr.
Chairman
Hawaiian Homes Commission

LESSOR

KAPOLEI COMMUNITY DEVELOPMENT
CORPORATION,
a Hawaii 501(c)(3) Non-Profit Corporation

By _____
Scott A. Abrigo
Its President

LESSEE

STATE OF HAWAII)
)
CITY & COUNTY OF HONOLULU)

On _____, 2020, in the First Circuit, State of Hawaii, before me appeared SCOTT A. ABRIGO, to me personally known, who, being by me duly sworn or affirmed, did say that such person is the President of Kapolei Community Development Corporation, a Hawaii 501(c)(3) Non-Profit Corporation, and the person executed the foregoing instrument identified or described in this THIRD AMENDMENT TO GENERAL LEASE NO. 290, as the free act and deed of such person, and if applicable, in the capacity shown, having been duly authorized to execute such instrument in such capacity.

The foregoing instrument is undated, and contained _____ () pages at the time of this acknowledgment/certification.

Print Name: _____
Notary Public, State of Hawaii
My commission expires: _____

STATE OF HAWAII)
)
CITY & COUNTY OF HONOLULU)

On _____, 2020, in the First Circuit, State of Hawaii, before me appeared WILLIAM J. AILA, JR., to me personally known, who, being by me duly sworn or affirmed, did say that he is the deputy to Hawaiian Homes Commission Chairman WILLIAM J. AILA, JR, and who executed the foregoing instrument identified or described as THIRD AMENDMENT TO GENERAL LEASE NO. 290, as the free act and deed of such person, and if applicable, in the capacity shown, having been duly authorized to execute such instrument in such capacity.

The foregoing instrument is undated, and contained _____ () pages at the time of this acknowledgment/certification.

Print Name: _____
Notary Public, State of Hawaii
My commission expires: _____

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission

From: Peter "Kahana" Albinio, Jr., Acting Administrator
Land Management Division *PA*

Subject: Approval of Annual Renewal of Right of Entry Permit(s), Kaua'i Island

RECOMMENDED MOTION/ACTION: That the Hawaiian Homes Commission (HHC) approve the following actions while developing a process to making short-term agricultural and pastoral land dispositions available to beneficiaries:

- A) Renew all Kaua'i Island Right of Entry Permit(s) as listed on Exhibit "A" and identified by approximate location on the Kaua'i Island Map Exhibit "A-1" that are in compliance and issued temporary approvals, as of September 1, 2020.
- B) The annual renewal period, shall be on a month-to-month basis, for up to twelve (12) months, but no longer than August 31, 2021, or at the next scheduled HHC meeting on Kauai island whichever occurs sooner.
- C) Authorize the Chairman to negotiate and set forth other terms and conditions that may be deemed to be appropriate and necessary.

DISCUSSION

This submittal represents annual renewals for all Kaua'i Island ROE permit(s) only, which shall effectively expire on August 31, 2020. As a means of maintaining a process by which PERMITEE'S can be assured that their permits have been renewed, notification letters will be transmitted accordingly.

For information purposes Exhibit "A" references all Right of Entry Permits on Kaua'i Island by order of commencement date, land use, then by acreage. While Right of Entry Permits generate additional revenue to the Trust, its primary purpose provides DHHL the ability to efficiently manage its lands through the issuance of these short-term dispositions which are typically not needed for longer-term dispositions (such as homesteading or general leases) over a 20-year time period or as dictated by DHHL's respective island plans. DHHL's total Kaua'i Island land inventory covers approximately 20,565.0 acres¹ or 10% of DHHL's statewide inventory. The short-term disposition(s) within the Kaua'i Island inventory cover approximately 698.0 acres or 3% of its inventory.

Right of Entry Permits help in having presence on DHHL lands thereby reducing costs for land management activity functions (i.e. signage, landscaping, fencing, removing trash and derelict

¹ DHHL Kaua'i Island Plan – Final Report, Group 70 International, June 2004

vehicles, and prevents trespassing on unencumbered lands) that DHHL would bear if the lands were to sit vacant. Permittees are required to assume responsibility for the land, post insurance, indemnify the department, and manage and maintain the land.

Until improvements to the Revocable Permit Program can be implemented, this process will be used for Annual Renewals of these month-to-month ROE Permit dispositions.

The table below reflects the revenue generated from ROE permit(s) on Kaua'i Island, which is approximately 4.0% (\$94,332) of the ROE total revenues (\$2,575,985) that DHHL receives statewide. Kaua'i Island holds 32 of the 145 ROE permits Statewide. The permits fall under a variety of land use purposes.

FY 2020		Total	FY 2021		Total
Agriculture	\$4,740	7	Agriculture	\$3,792	7
Caretaker/Landscape	\$1,464	4	Caretaker/Landscape	\$1,464	4
Commercial	\$965	2	Commercial	\$965	2
Community	\$0	-	Community	\$0	-
Industrial	\$76,519	9	Industrial	\$76,519	9
Office	\$0	-	Office	\$0	-
Pastoral	\$10,644	10	Pastoral	\$10,644	10
Preservation	\$0	-	Preservation	\$0	-
Recreation	\$0	-	Recreation	\$0	-
Research	\$0	-	Research	\$0	-
Stabling	\$0		Stabling	\$0	-
	\$94,332	32		\$94,332	32

According to research done by Colliers International, (See Exhibit "B") "the Oahu Industrial vacancy rate will likely remain near 2.0%... during the past year, the Oahu direct weighted average asking base rent stabilized at \$1.21 per square foot per month ("psf/mo"). In light of this research, and the current COVID-19 global pandemic, LMD respectfully recommends maintaining its current rental rates without any increase.

Rental fees for agricultural and pastoral use permits vary and are typically established at less than fair market rates (discounted) but not less than \$240/annum due to various site issues such as, insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc. In regards to ROE Permits that reflect a delinquency LMD staff will proceed with issuing its Notice of Revocation/Cancellation to said permittees'

AUTHORITY / LEGAL REFERENCE:

§171-55, Hawaii Revised Statutes, as amended, a "permit on a month-to-month basis may continue for a period not to exceed one year from the date of issuance; provided that the commission may allow the permit to continue on a month-to-month basis for additional one-year periods."

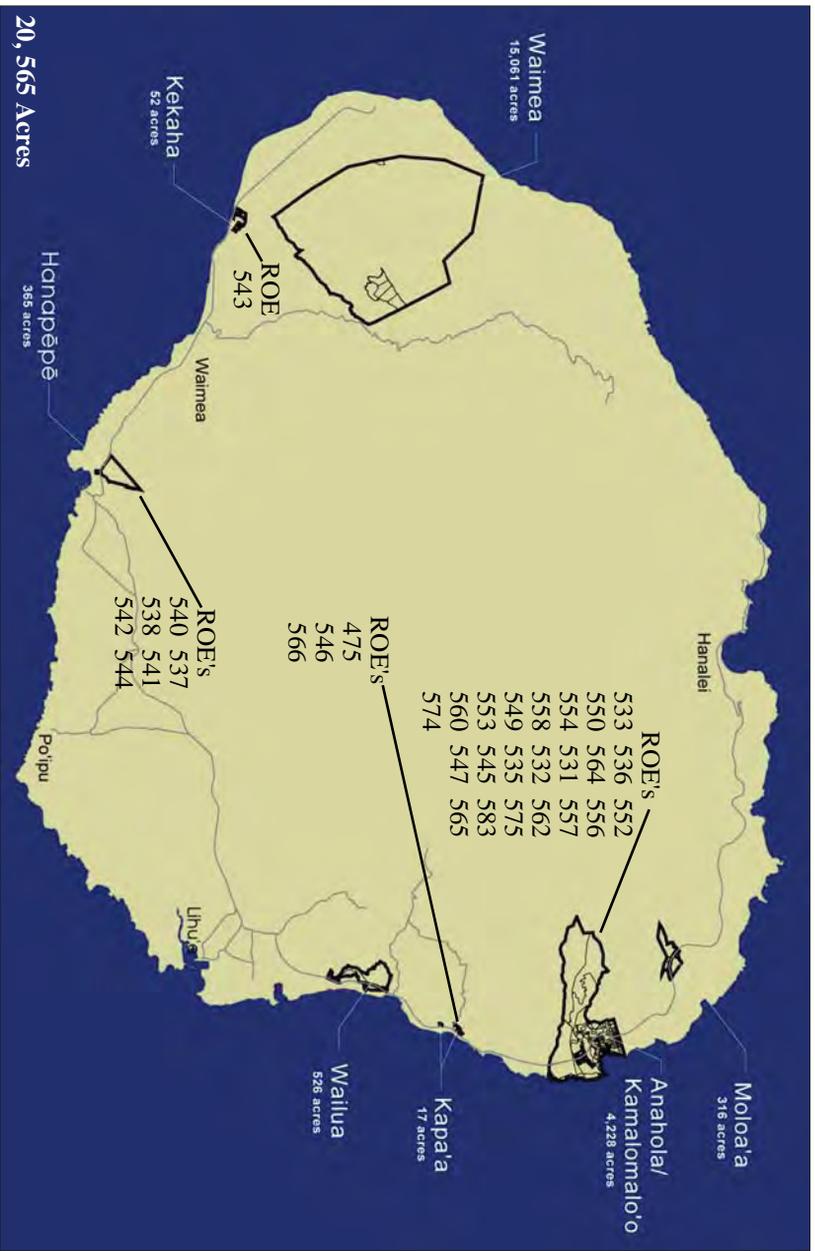
RECOMMENDATION:

Land Management Division respectfully requests approval of the motion as stated.

RIGHT OF ENTRY PERMITS - KAUAI ISLAND, as of JULY 2020

NO.	ACRE	USE	PERMITTEE	TMK	Date Started	Current Annual Rent	Proposed Annual Rent	Denotes Beneficiary	Denotes Delinquent
								Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition	
533	11	Agriculture	Don Mahi	(4) 4-8-018:031	10/1/1990	\$1,488.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
550	0.344	Agriculture	Kuini Contrades	(4) 4-8-008:001 (p)	5/1/2003	\$264.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
554	8	Agriculture	Linda Kaauwai-Iwamoto	(4) 4-8-005:042 (p)	11/1/2000	\$576.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
558	1.07	Agriculture	Frank S. Rivera, Sr. and Amber Rivera	(4) 4-8-003:020 (p)	5/1/2005	\$264.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
543	20	Agriculture	Palahiko Farms	(4) 1-2-002:023 (p)	7/28/2009	\$1,200.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
575	18	Agriculture	Gary Cummings, Jr.	(4) 4-8-008:049 (p)	7/23/2013	\$240.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
565	12	Agriculture	Angelina Koi	(4) 4-8-005:038 & .044	7/1/2005	\$708.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
540	0.25	Caretaker	Michael J. DeMotta	(4) 1-8-007:021 (p)	9/1/2002	\$408.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
549	0.188	Caretaker	William Leleo	(4) 4-8-003:018 (p)	9/1/2005	\$264.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
553	0.092	Caretaker	Sunny L. Honda	(4) 4-8-009:010 (p)	6/1/1992	\$264.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
560	3.6	Caretaker	Valerie Woods	(4) 4-8-006:046 (p)	3/8/2002	\$528.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
536	0.009	Commercial	Patricia Contrades	(4) 4-8-011:045 (p)	7/23/2013	\$396.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
564	0.023	Commercial	Woodrow K. Contrades	(4) 4-8-011:045 (p)	4/1/1994	\$569.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
475	16.072	Industrial	Honsador Lumber, LLC/Mona Lisa Boyer	(4) 4-5-015:003 (p) & 034		\$36,641.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
538	0.46	Industrial	Kauai Habitat for Humanity	(4) 1-8-008:035 (p)	7/1/1996	\$568.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
542	0.58	Industrial	Kauai Farm Fuels	(4) 1-8-008:081 (p)	4/1/2007	\$10,798.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
574	0.059	Industrial	Paul T. Esaki	(4) 4-5-015:048	2/1/1986	\$514.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
537	0.23	Industrial	Roger Palama	(4) 1-8-008:035 (p)	10/1/1995	\$1,414.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
541	0.344	Industrial	Wallace Rita and Clyde Odo	(4) 1-8-008:035 (p)	7/1/2005	\$7,160.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
544	0.367	Industrial	Akita Enterprises, Ltd.	(4) 1-8-008:035 (p)	7/1/1999	\$5,797.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition
546	0.55	Industrial	Akita Enterprises, Ltd.	(4) 4-5-005:006 (p)	7/22/2013	\$5,566.00	-	Denotes Beneficiary	Comments: rent amount and reasons (site issues - insufficient/no infrastructure, no legal access, substandard lot size or irregular shape, etc.) why no long-term disposition

566	0.918	Industrial	Jack L. and Margaret C. Phillips	(4) 4-5-005:006 (p)	3/1/2001	\$8,061.00	-	Rent is current; portion of a larger parcel that is designated for industrial use
531	3.264	Pastoral	Solomon Lovell	(4) 4-8-006:004	12/1/1981	\$528.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
532	14.903	Pastoral	Esther K. Medeiros	(4) 8-011:005, 006, 011, 013 & 049	2/1/1984	\$1,704.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
535	13	Pastoral	Gordon Rosa	(4) 4-8-005:038 (p)	4/1/1994	\$636.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
545	2.866	Pastoral	Clay Kelekoma	(4) 4-8-015:024 to 026	4/15/1982	\$336.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
547	50	Pastoral	Patrick Kelekoma and Clay Kelekoma	(4) 4-7-004:022 (p)	7/5/2005	\$1,392.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
552	2.849	Pastoral	Lono K.M. Fu	(4) 4-8-003:020 (p)	9/1/2005	\$264.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
556	0.55	Pastoral	Richard and Kuulei Ornellas	(4) 4-8-011:063 (p)	8/1/2003	\$2,184.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
557	173	Pastoral	Tarey Low	(4) 4-7-002:004 (p)	4/1/2004	\$2,400.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.
562	21.03	Pastoral	Joseph Borden	(4) 4-8-003:004 (p)	7/23/2013	\$960.00	-	Account is delinquent - \$1,985.81 = (\$80/mo x 14 + \$865.81 previous bal due)
583	80	Pastoral	Edward K Taniguchi	(4) 4-7-002:004 (p)	5/23/2016	\$240.00	-	Rent is current; portion of a larger parcel that is designated for General Ag use. Insufficient infrastructure, irregular shape.



20,565 Acres

Figure ES.1

DHHL's Kaula'i Lands

EXHIBIT "A-1"
ITEM NO. F-3



INDUSTRIAL MARKET

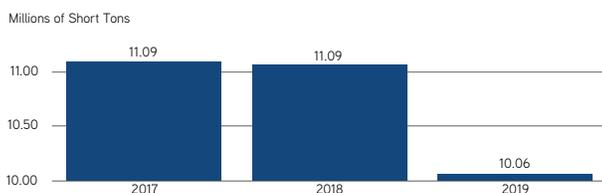
Fourth Quarter 2019

Market Summary

Mike Hamasu Director of Research | Hawaii

- > The Oahu industrial market is essentially fully occupied. Of the remaining available spaces, many are functionally obsolete and have been on the market for years. These longstanding vacant spaces comprise the 1.5% baseline vacancy that is likely to remain empty, no matter the conditions of the economy.
- > For the 2019 fiscal year, State of Hawaii Harbors Division reported a decline of 1 million cargo short tons processed through the Honolulu Harbor. This 9.04% drop in cargo tonnage represents a slowdown in activity among the island's distributors and in turn affected the wholesale/distribution sector employment. Since last October, this sector posted a loss of 1,100 jobs.
- > The October 2019 year-to-date construction permit volume dipped by 12.3% from last year. This is a reduction of \$230 million in permit spending. Both residential and commercial construction projects reported sizeable declines in permit spending of -39.75% and -49.79% respectively, possible indicating fewer planned construction projects for 2020.
- > As one of only a few locations left on Oahu with available parcels for sale and with industrial zoned land priced under \$45 per square foot, West Oahu industrial parks recorded an estimated 128 acres of land sold for 2019, more than double the 2018 total acreage sold.
- > Between 2011 and 2017, the direct weighted average asking NNN rent for Oahu industrial properties increased at an alarming rate of 6.8%. Subsequently, rental rates fell and stabilized at \$1.21 per square foot per month for the past two years.
- > Colliers is anticipating healthy leasing activity for new speculative and owner-user development activity. Year-end 2020 net absorption is projected to hit a decade record high as vacancy rates increase to 2.5%.

Honolulu Harbor Cargo Tonnage (Fiscal Year-end July)



Source: Dept of Transportation - Harbors Division

Market Indicators

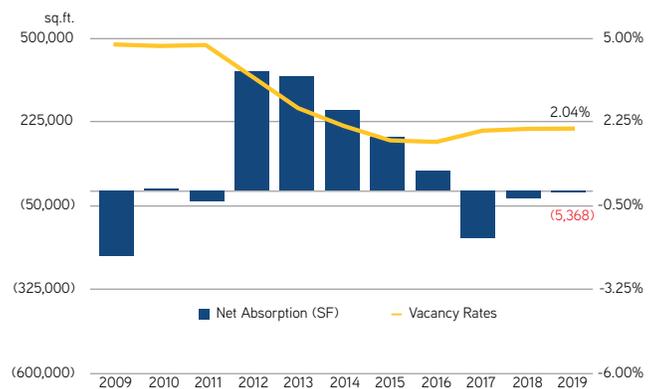
Relative to prior quarter
4Q2019 vs. 3Q2019

- ABSORPTION 
- VACANCY RATE 
- RENTAL RATES 
- CONSTRUCTION 

Summary Statistics

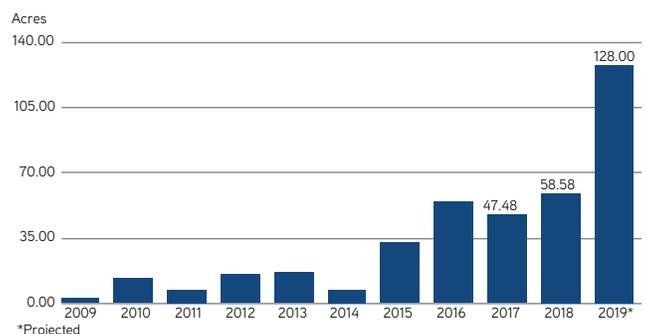
4Q YTD 2019 Net Absorption	(5,368) SF
Vacancy Rate	2.04%
Dir Wtd Avg Asking Rent	\$1.21 PSF/Mo.
Avg Operating Exp	\$0.41 PSF/Mo.

Oahu Industrial Net Absorption vs. Vacancy Rate



©2019 Colliers International Research and Consulting. All rights reserved.

West Oahu Industrial Land Sales



© 2019 Colliers International. Research & Consulting. All rights reserved.

Exhibit "B"
Item No. F-3

FOURTH QUARTER 2019 Oahu Industrial Market Statistics

INDUSTRIAL MARKET - BY SUBMARKET AREA

	NO. OF BUILDINGS	BUILDING AREA (SF)	TENURE*	AVAILABLE SPACE (SF)	4Q2019 NET ABSORPTION (SF)	YTD NET ABSORPTION (SF)	VACANCY RATE	DIRECT WTD. AVG. NET ASKING RENT (NNN) (PSF/MO)**	AVG. NET OP. EXP. (PSF/MO)
HONOLULU									
Iwilei	98	2,367,935	Fee Simple	45,756	25,406	12,449	1.93%	\$1.36	\$0.61
Kalihi	709	9,712,283	Fee Simple	342,150	12,148	(80,185)	3.52%	\$1.08	\$0.42
Sand Island	74	663,005	Leasehold	4,000	(3,063)	(4,000)	0.60%	\$1.45	\$0.33
Mapunapuna	107	4,214,301	Leasehold	0	4,160	28,429	0.00%	\$1.25	\$0.20
Airport	125	4,641,933	Fee Simple	40,662	(466)	(11,142)	0.88%	\$1.35	\$0.39
Total Honolulu	1,113	21,599,457		432,568	38,185	(54,449)	2.00%	\$1.14	\$0.44
CENTRAL OAHU									
Bougainville	20	806,460	Leasehold	21,794	0	(21,794)	2.70%	\$1.40	\$0.25
Halawa	84	2,719,361	Leasehold	35,982	6,171	(20,810)	1.32%	\$1.32	\$0.43
Pearl City/Aiea	45	1,660,582	Fee Simple	20,250	19,263	22,962	1.22%	\$1.48	\$0.39
Pearl City Industrial Park***	32	762,292	Fee Simple	0	7,180	16,770	0.00%	\$1.31	\$0.35
Gentry Business Park	67	1,778,759	Fee Simple	17,550	(11,265)	(17,550)	0.99%	\$1.34	\$0.52
Milltown	37	443,120	Fee Simple	16,249	(16,249)	(9,679)	3.67%	\$1.35	\$0.35
Waipahu	128	2,722,540	Fee Simple	90,750	(65,029)	(69,469)	3.33%	\$1.12	\$0.38
Total Central Oahu	381	10,893,114		202,575	(59,929)	(99,570)	1.86%	\$1.26	\$0.38
WEST OAHU									
Campbell Industrial Park	121	4,960,296	Fee Simple	59,476	3,935	63,472	1.20%	\$1.23	\$0.27
Kapolei Business Park	53	1,574,865	Fee Simple	84,959	44,756	78,600	5.39%	\$1.40	\$0.48
Malakole Industrial Park	3	197,000	Fee Simple	0	0	0	0.00%	\$1.23	\$0.27
Kenai Industrial Park	12	90,680	Fee Simple	0	0	0	0.00%	\$1.10	\$0.40
Kalaehoa Industrial	5	47,137	Fee Simple	0	0	0	0.00%	\$1.23	\$0.27
Total Kapolei	194	6,869,978		144,435	48,691	142,072	2.10%	\$1.33	\$0.35
WINDWARD OAHU									
Kapaa Industrial ****	62	593,128	Fee Simple	35,108	0	4,794	5.92%	\$1.40	\$0.30
Kaneohe	42	611,076	Fee Simple	12,436	10,004	1,785	2.04%	\$1.00	\$0.53
Total Windward	104	1,204,204		47,544	10,004	6,579	3.95%	\$1.29	\$0.36
OAHU TOTALS	1,792	40,566,753		827,122	36,951	(5,361)	2.04%	\$1.21	\$0.41

*Leasehold tenure associated with industrial parks with 75% or more of land under ground lease

** Weighted average rents are calculated on I-1 and I-2 zoned properties. IMX zoned properties, which can be used for retail have been excluded from this rent calculation.

*** Pearl City Industrial Park is a submarket associated with Pearl City/Aiea trade area

**** Only gross rents are quoted.

© 2019 Colliers International Research & Consulting. All rights reserved.

TERMS AND DEFINITIONS

- > **INVENTORY** - Industrial buildings greater than 2,500 square feet located on the island of Oahu, inclusive of owner user, and single tenant buildings.
- > **TOTAL SQUARE FEET** - All rentable industrial space exclusive of common areas, yard space and fire escapes.
- > **VACANT SPACE** - Industrial space that is not occupied by a tenant. This includes sublease space that is unoccupied.
- > **VACANCY RATE** - The ratio of vacant industrial space divided by the total industrial inventory square footage.
- > **NET ABSORPTION** - The net change in occupied space over a period of time. Year-to-date net absorption is the difference in occupied space between the end of the previous year and the current quarter.
- > **DIRECT WEIGHTED AVERAGE ASKING RENT (NNN)** - The ratio of aggregate landlord asking rents divided by the total available space within a specific geography.
- > **AVERAGE OPERATING NET EXPENSE** - The average rate of tenant expenses such as building utilities, management fees, building maintenance, real property taxes and insurance within a specific geography.
- > **NNN RENTS** - Rents exclusive of building operating expenses.

EXECUTIVE MANAGEMENT CONSULTING & RESEARCH

Sarah Lee Morihara (B)
President/Managing Director
+1 808 523 9706
sarah.morihara@colliers.com

Andrew D. Friedlander (B) SIOR
Principal Broker
+1 808 523 9797
andrew.friedlander@colliers.com

Mike Y. Hamasu
Director of Consulting & Research
+1 808 523 9792
mike.hamasu@colliers.com

Nanette Vinton (S)
Research Consultant / Project Manager
+1 808 523 9764
nanette.vinton@colliers.com

INDUSTRIAL SERVICES

Scott L. Mitchell (B) SIOR
Executive Vice President
+1 808 523 9702
scott.mitchell@colliers.com

Guy V. Kidder (B) CCIM SIOR
Senior Vice President
+1 808 523 9735
guy.kidder@colliers.com

William "Bill" Froelich (B) JD CCIM SIOR
Senior Vice President
+1 808 523 9711
william.froelich@colliers.com

Ronald C. Ward (S)
Vice President
+1 808 523 9747
ronald.ward@colliers.com

Alika Cosner (S)
Vice President
+1 808 523 8339
alika.cosner@colliers.com



Accelerating success.

Colliers International | Hawaii

220 S. King Street, Suite 1800 | Honolulu, Hawaii 96813

+1 808 524 2666

colliers.com/Hawaii

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission

Through: Peter "Kahana" Albinio, Jr., Acting Administrator,
Land Management Division 

Andrew Choy, Acting Planning Program Manager, 
Planning Office

From: Allen G. Yanos, Property Development Agent,
Land Management Division 

Nancy McPherson, Planner, Planning Office

Subject: FOR INFORMATION ONLY
Moanalua Kai Redevelopment Options
Shafter Flats, Island of Oahu

RECOMMENDED MOTION/ACTION

None; for information only.

DISCUSSION

Introduction:

In March 2018, staff from the Land Management Division and Planning Office held an informational briefing for the Hawaiian Homes Commission (HHC) on preliminary transit-oriented development conceptual plans for Department of Hawaiian Home Lands ("DHHL") properties in Shafter Flats and Kapalama, on the Island of Oahu. The presentation was primarily a progress report on the planning project which was nearing completion at that time. Attached as Exhibit "A" is a copy of the 2018 Informational Briefing submittal.

Purpose:

The purpose of this informational briefing is to share the findings of the conceptual plans final report for DHHL's Shafter Flats properties and share staff's next steps to pursue redevelopment options. Planning Office staff and consultants chose to rename DHHL's Shafter Flats properties as "Moanalua Kai" as part of the redevelopment planning effort.

Background:

The feasibility studies and conceptual plans for Moanalua Kai were issued in a final report by PBR Hawaii & Associates in September 2019. Following review and discussion of the report by a team of staff from the Land Management Division, Planning Office, and Land Development Division, it was determined to share the findings and make recommendations to the HHC on a path forward as soon as possible. One important reason for this is because the current lessees and DHHL's permittees are anxious to know what DHHL's plans are so they in turn can plan for the future of their respective businesses and determine if there is any possibility that they can remain in place.

The majority of DHHL's leases in Moanalua Kai expire in October 2022. Two leases will expire in March 2025. Another lease will expire in 2064 which was issued when the idea of transit-oriented development (TOD) around rail stations near Moanalua Kai was still in its infancy. The 20 parcels comprising Moanalua Kai that total 13.82 acres and their lease expiration dates are attached as Exhibit "B". Approval of staff's recommendations for which redevelopment options to pursue would provide the lessees, their tenants, and DHHL's permittees with more certainty to consider in planning for their future. However, all the existing leases expiring in 2022 or 2025 cannot be further extended as they are at their maximum 55-year term for industrial leases. By law, therefore, entirely new leases must be issued.

Findings of the Final Report:

The final report pointed out that:

- Moanalua Kai is subject to periodic flooding during high tides and severe weather
- The area will be susceptible to more flood risk due to sea level rise and severe weather in the future
- The area is underlain by fill materials and soils needing more evaluation
- The area is subject to certain height and noise restrictions due to its proximity to the airport and its location underneath restricted airspace
- New structures must be elevated above existing grades pursuant to regulatory guidelines
- Special foundations and enhancements are needed to elevate and secure the ground under multi-story buildings; groundwater inundation is also an issue in the area
- Development costs will be very high, estimated at a total of \$405 million, in 2019 dollars
- From a private developer's perspective, the net operating income, even after 15 years, will not cover development costs
- Based on conceptual cash flows, the redevelopment of the area will only be able to support permanent financing for about 28% to 30% of development costs
- The remaining funds for redevelopment, about 70%, would need to come from equity or other resources
- Redevelopment of the area does not appear to be attractive to a market-based developer

Conceptual Plans:

The Moanalua Kai conceptual plans had proposed the following in an effort to reposition DHHL's properties and increase their income-generating capacity:

- Redevelopment for continued industrial use of the area
- More modern facilities based on TOD, future rail service, location between Honolulu Harbor and the international airport, and general market opportunities
- Higher-density, vertical structures in portions of the area
- Two five-story industrial mixed use buildings of 433,000 sq. ft. each
- Five showroom-type buildings that total 86,000 sq. ft.
- Redevelopment in two phases, beginning in 2025 for a high-density, multi-story and mixed use building on the Waikiki side of Kakoi Street and four showrooms on Kilihau Street
- Phase II redevelopment would begin around 2034 to include the second multi-story, mixed use building on the Ewa side of Kakoi Street and the last showroom building

Updated renderings of the proposed structures are attached in Exhibit "C".

Final Report Recommendations:

As a result of the above findings, existing conditions, and revisions based on anticipated sea level rise projections and modeling, the final report recommended:

- Lower density redevelopment
- An "as is" scenario for parts of the area
- Thorough consideration of early termination or restructuring of the existing ground leases
- Consideration of the environmental and site condition data that were uncovered

Redevelopment Options and Staff Recommendations:

The following options were considered following staff's review and discussion of the findings:

- Seek a consultant to help formulate additional options or how to proceed further
- Proceed with Request for Information for a master developer(s) to determine if there is any interest to redevelop the area
- Proceed with limited redevelopment
- Seek an exchange or sale for Moanalua Kai

Due to the sea level rise dilemma, where there is the likelihood that most or all of Moanalua Kai will be underwater within this century under an "extreme" scenario, staff is considering recommending proceeding with limited redevelopment of Moanalua Kai while pursuing an exchange or sale of the parcels and a determination as to whether there is any interest by a master developer to redevelop the area.

Exhibit “D” reflects the National Oceanic and Atmospheric Administration’s forecasts of the sea level rise for the Moanalua Kai and surrounding areas under two extreme scenarios in the Year 2050 and for the Years around 2070 or 2080. The City and County of Honolulu indicated initially to DHHL that, with its limited funds, it will not give priority to improving the Moanalua area infrastructure which would include elevating the roads and utilities above the water. As a result, there is the risk in the future that there will be no passable roads to get to and from our elevated properties in Moanalua Kai. However, no definite decision has been made by the City regarding investing in infrastructure in one area or another. That being the case, staff believes that, for planning purposes, it would be prudent to consider the “extreme” sea level rise scenario where Moanalua Kai will eventually be underwater, no longer able to generate revenue for DHHL. On the other hand, there may be an enterprising entity interested in a sale or exchange that has the resources needed to overcome these redevelopment challenges. Staff has been consulting with the Attorney General’s Office on legal matters regarding those options. The key advantages of Moanalua Kai would be its location between the airport and the harbor, regional vehicular access, and size. At 13.82 acres, it is one of the larger airport-area properties that is very rarely available.

If the limited redevelopment option is pursued, the plans would include issuing future land dispositions with shorter terms, e.g. five-year general leases, right-of entry or revocable permits, as tools to generate revenue while we continue to monitor the increasing sea level rise and the effect of groundwater inundation. This option would also mean lower density redevelopment and leaving things “as they are” in certain areas where existing structures would be re-used or renovated. DHHL would also seek alternate access into and out of the area for the future and perhaps directing further redevelopment gradually mauka towards the latter part of the century. DHHL would therefore be resigned to making its best efforts to generate revenues from Moanalua Kai, while mitigating the effects of sea level rise whenever and wherever possible, before the area eventually succumbs to the effects of climate change.

NEXT STEPS

- Further explore options for sale or exchange
- Make a determination as to level of interest by potential master developers for redeveloping Moanalua Kai
- Plan for the issuance of short-term dispositions for those parcels whose leases expire in 2022 and 2025
- Conduct further planning and additional due diligence to pursue limited redevelopment

RECOMMENDATION

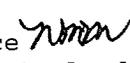
None; for information only.

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

March 19-20, 2018

To: Chairman and Members, Hawaiian Homes Commission

Through: M. Kaleo Manuel, Acting Planning Program Manager 
Peter "Kahana" Albinio, Jr., Acting Land Management
Division Administrator

From: Nancy McPherson, Planner, Planning Office 
Allen G. Yanos, Property Development Agent, Land
Management Division 

Subject: For Information Only -- Preliminary Transit-Oriented
Development Conceptual Plans for Moanalua Kai (Shafter
Flats) and Kapālama, Kona, Island of O'ahu, Multiple
TMKs

RECOMMENDED ACTION

None. For information only.

DISCUSSION

Purpose

The purpose of this informational briefing for the Hawaiian Homes Commission (HHC) is to provide a progress report on the transit-oriented development (TOD) conceptual planning project nearing completion for Department of Hawaiian Home Lands (DHHL) lands in Shafter Flats which has been tentatively branded as "Moanalua Kai" and Kapālama, Kona Moku, Island of O'ahu.

Background

In July 2016, PBR Hawaii & Associates, Inc. was contracted to assist DHHL in conducting feasibility studies and preparing TOD conceptual plans for Hawaiian Homes lands located at Moanalua Kai and Kapālama. See Exhibit 'A', Location Maps. DHHL has an opportunity to redevelop these lands, which are located in close proximity to the planned Lagoon Drive, Middle Street, and Kapālama transit stations for the Honolulu Area Rapid Transit (HART) rail project currently under construction. The attached Exhibits 'B' and 'C' show the location of Moanalua Kai and Kapālama lands in relation to the rail transit stations.

ITEM NO. G-4

EXHIBIT "A"

ITEM NO. F-4

The primary assignment given to PBR Hawaii was to develop conceptual plans and supporting studies that would:

- 1) serve as a comprehensive guide for TOD of these two project areas;
- 2) assist the City and County of Honolulu with planning for future infrastructure needs in each project area; and
- 3) assist with coordination of DHHL's TOD plans with other adjacent landowners' plans.

The focus of the conceptual plans project was to provide DHHL the information needed to determine the feasibility of potential future use of these properties that will take advantage of TOD plans, zoning, and other related benefits.

The Moanalua Kai lands, shown in the attached Exhibit 'D', consist of 20 parcels comprising approximately 14 acres, primarily in industrial use, that were acquired as part of the Act 14 Settlement with the State of Hawai'i. These parcels have warehouses or buildings dating back from the late 1960's and early 1970's when they were still under the control of the Department of Land and Natural Resources. The majority of general leases in this area will terminate in 2022.

The Kapālama lands, also acquired as part of the Act 14 Settlement, consist of three parcels comprising a total of five acres, shown in the attached Exhibit 'E', which are primarily in commercial use. One parcel of 5,590 sq. ft. is under a license for a radio transmission tower site. Another parcel of 1.57 acres is under a general lease for a fresh produce warehouse and distribution facility. The largest parcel of 2.75 acres includes an office building and two buildings which comprise the makai portion of the City Square Shopping Center. The Kamehameha Schools owns the land under the mauka portion of the City Square Shopping Center, fronting Dillingham Boulevard. Although the lease termination dates range from 2029 to 2070 in this area, DHHL is taking a proactive approach by including the Kapālama lands in the TOD conceptual planning effort. Doing so will provide DHHL with long-range planning options that can be used in development of a high-density mixed-use project that could include a residential rental component.

O'ahu Island Plan

Beneficiary consultation on the O'ahu Island Plan (OIP) was conducted from April 2013 through February 2014 and included three open houses and two rounds of consultation meetings in various locations on O'ahu. Information on the revenue generating parcels in Moanalua Kai and Kapālama, including information on TOD potential and sea level rise impacts, were shared with

beneficiaries, and their suggestions and feedback were incorporated into the plan where appropriate.

After the primary priority of residential and subsistence agricultural homesteading, a secondary priority of the OIP is the development of commercial and industrial lands for revenue generation. Revenue generation is necessary to fund and implement the OIP's top priority of homestead development. These land uses will be developed or redeveloped based upon lease status, market demand, and in some instances, infrastructure availability.

Preliminary Conceptual Plans

Exhibits 'F' and 'G' show preliminary conceptual plans for the properties at both sites. At Kapālama, high rise residential rental towers are envisioned on top of a parking structure with commercial spaces on the ground floor. At Moanalua Kai, redevelopment is envisioned to occur in phases and involves large, multi-story industrial buildings.

Some major issues to be addressed when the final summary report is issued are:

- Determining capacity of the land to handle larger, high density structures
- Addressing recurrent flooding and anticipated sea level rise in terms of future redevelopment
- Identifying the constraints and limitations to future redevelopment
- Estimating potential costs of these redevelopment plans

Process

Eventually, depending on the final conceptual redevelopment plans, parcels may be consolidated/re-subdivided and solicitations issued to master developers under general leases for large tracts of land. DHHL will generate revenue from the lease and sublease rents in this case.

NEXT STEPS

- Conduct informational meetings for the beneficiary community
- Update TOD plans as opportunities arise
- Seek approval from the HHC to authorize short-term extensions of the general leases expiring depending on the redevelopment leasing schedule

- Determine whether it would be appropriate to reconsolidate parcels and subdivide them to make the properties more attractive for redevelopment
- Issue solicitations for proposals for future redevelopment as soon as feasible to select master developers in order to begin mobilization for redevelopment when the leases expire.

RECOMMENDATION

None. For information only.



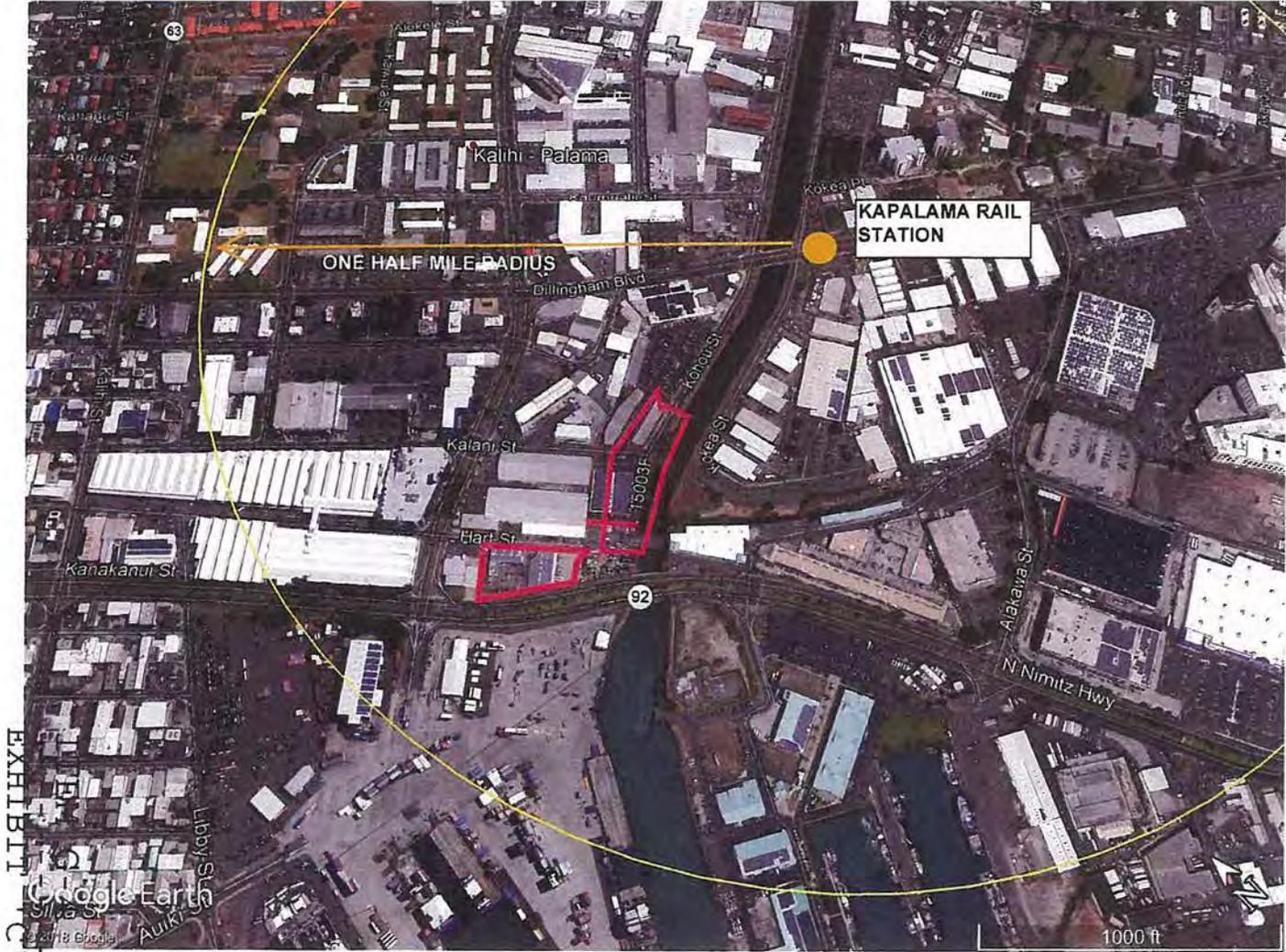


EXHIBIT C

DHHL Shafter Flats
20 PARCELS - APPROX 14 ACRES



EXHIBIT
ITEM NO. F-4

DHHL Kapalama Parcels

3 PARCELS - APPROX 5 ACRES



EXHIBIT



ITEM G-4

EXHIBIT 'F' P. 1



ITEM NO. F-4
EXHIBIT 1 OF 2

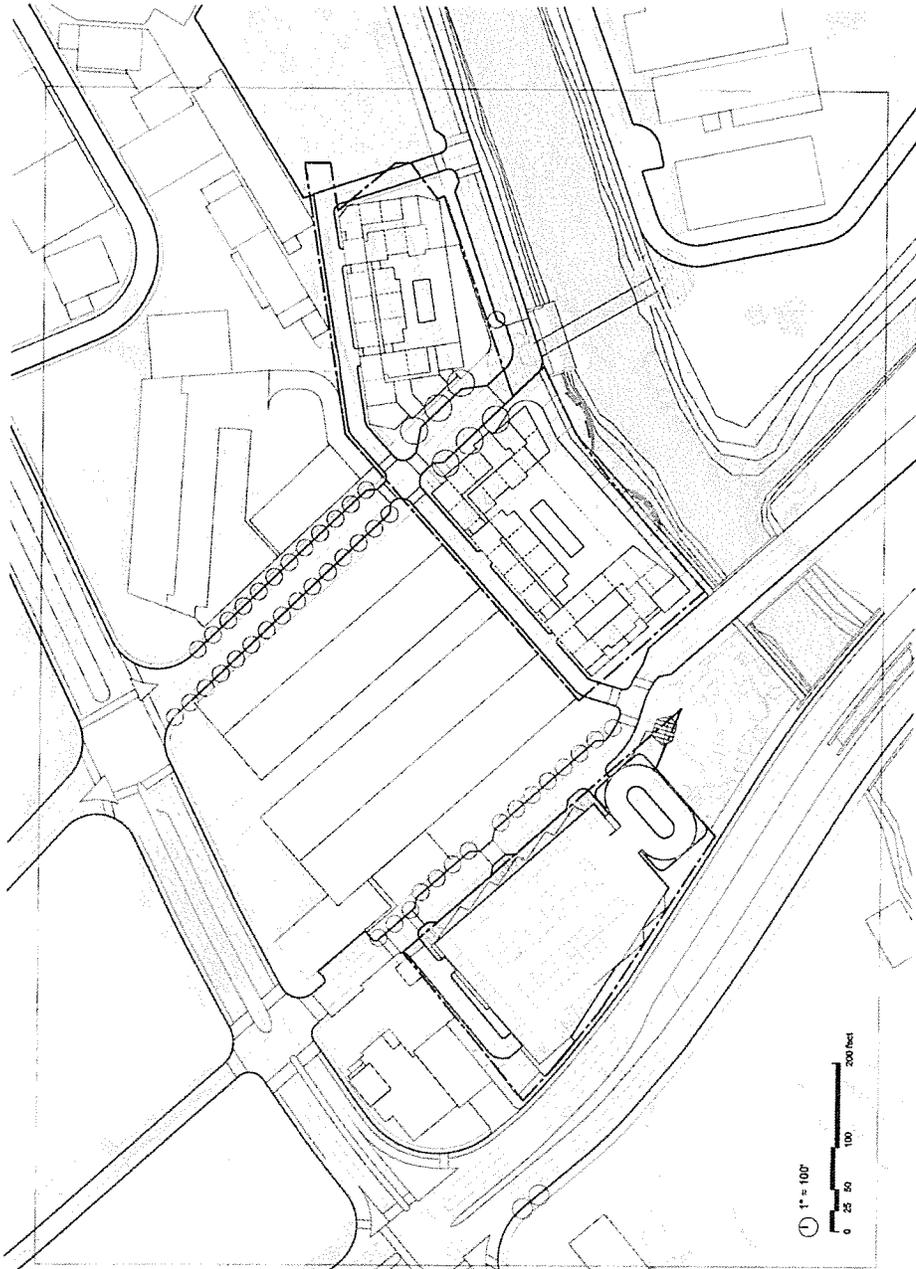
ITEM NO.F-4





ITEM C-4
SECTION F-4

ITEM NO.F-4



ITEM G-4

EXHIBIT 'G' P.1

ITEM NO.F-4



ITEM NO. F-4
KAPALANI DRIVE

ITEM NO. F-4



ITEM G-4
EXHIBIT G-4

ITEM NO.F-4



P.L. D. DESIGN
ARCHITECTS
P.O. BOX 1111

END OF EXHIBIT "A"

ITEM NO.F-4

LEASE EXPIRATION DATES



Key:

- In Short-Term Use
- Expires October 2022
- Expires March 2025
- Lease Cancellation in Dispute
- Expires October 2064

EXHIBIT "B"



**MOANALUA KAI
CONCEPTUAL PLAN
- PHASE I**



**MOANALUA KAI
CONCEPTUAL PLAN
- PHASES I & II**

EXHIBIT "C"



END OF EXHIBIT "C"

ITEM NO. F-4

NOAA Sea Level Rise Viewer 3-foot Rise in Sea Level



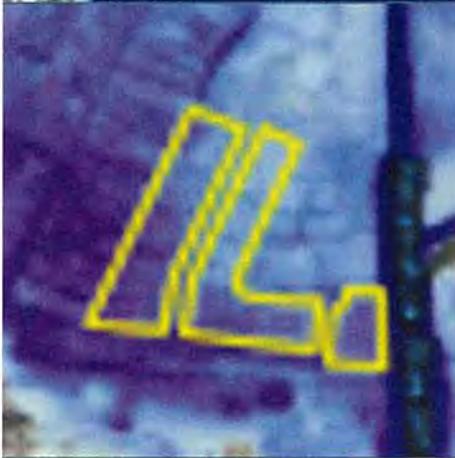
The height of DHHL's lands in Moanalua Kai range between 6 feet to 4 feet, mean sea level, and slope from the North down towards the South and East.

Under this "extreme" scenario with a 3-foot rise in the sea level, most of Moanalua Kai would be underwater in 2050 except for a portion in the northeast.

EXHIBIT "D"

ITEM NO. F-4

NOAA Sea Level Rise Viewer 6-foot Rise in Sea Level



Under this “extreme” scenario with a 6-foot rise in the sea level, Moanalua Kai would be completely underwater in 2070 or 2080

END OF EXHIBIT "D"

ITEM NO. F-4

**HAWAIIAN HOMES COMMISSION
AUGUST 18, 2020
TELECONFERENCE
9:30 A.M.**

**G – ITEMS
PLANNING OFFICE**

STATE OF HAWAI'I
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission

Thru: Peter "Kahana" Albinio Jr., Acting Land Management Division Administrator 
Andrew Choy, Acting Planning Program Manager 
Stewart Matsunaga, Acting Land Development Division Administrator 

From: Pearlyn Fukuba, Planner V 
Darrell Ing, Real Estate Development Specialist 

Subject: Delegate Authority to the Chairman to Respond to the Notice of Availability for Surplus Property from the General Services Administration, concerning the Selection of up to 80 acres of the Former National Oceanic and Atmospheric Administration National Weather Service Pacific Tsunami Warning Center 'Ewa Beach, O'ahu, TMK (1) 9-001-001 (por.)

RECOMMENDED MOTION/ACTION

That the Hawaiian Homes Commission (HHC) delegate authority to the Chairman to respond to the General Services Administration (GSA) Notice of Availability for the above-referenced property; to select approximately 80 acres of that property for appraisal according to Section 203(f) of the Hawaiian Home Lands Recovery Act of 1995 (HHLRA); and to negotiate the terms and conditions of DHHL's acceptance of such property under the HHLRA.

DISCUSSION/BACKGROUND INFORMATION

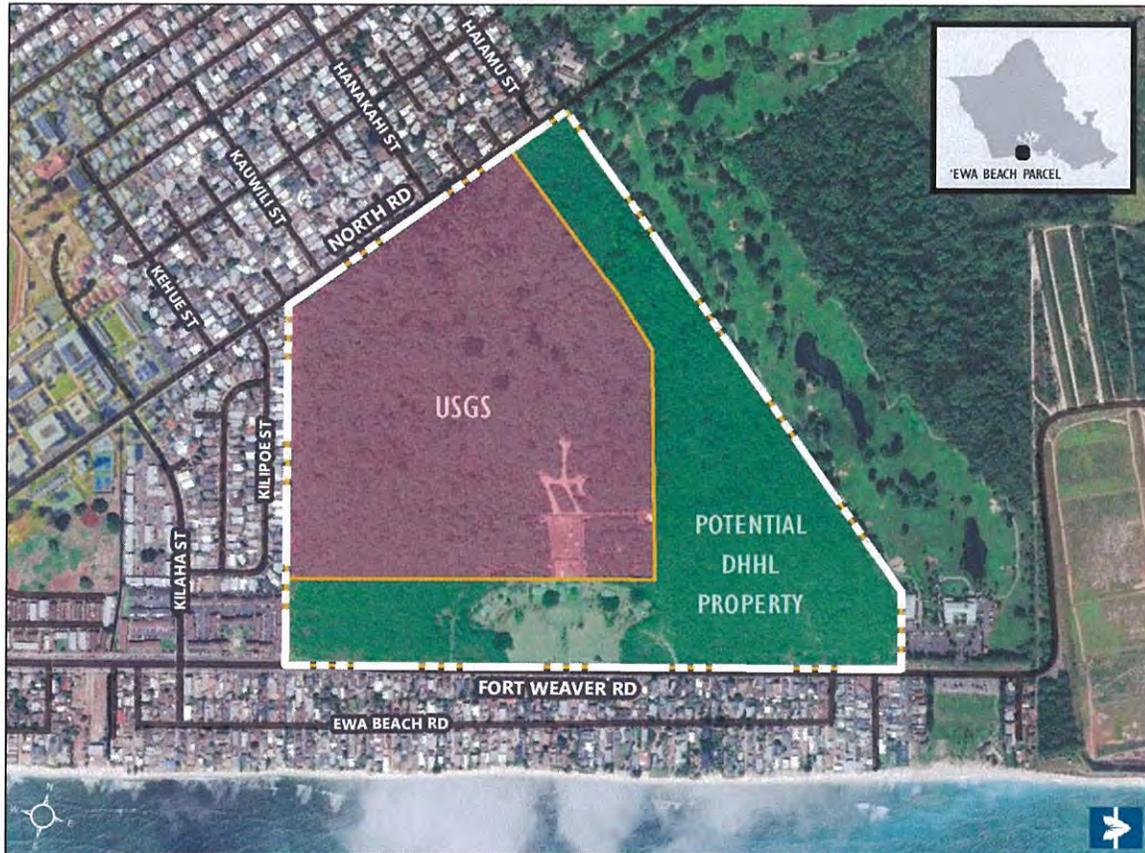
The Department of Hawaiian Home Lands (DHHL) received a Notice of Availability from the General Services Administration (GSA), dated March 19, 2020, regarding the availability of surplus government real estate in 'Ewa Beach, O'ahu. The approximately 80-acre surplus property is being offered to the DHHL as provided by the Hawaiian Homelands Recovery Act, Public Law 104-42 (HHLRA) that authorizes the transfer of non-ceded federal property to the DHHL. The DHHL Chairman is expected to respond to the GSA's Notice of Availability by August 31, 2020.

The subject was presented to the HHC at its July 21, 2020 meeting as Agenda Item G-4 (For Information Only). See Exhibit A. Staff presented information on the following topics:

- 1) General Services Administration - Notice of Availability;

- 2) Hawaiian Home Lands Recovery Act – Provisions and Status of Claims;
- 3) DHHL Priorities for Homestead Development;
- 4) Description of the Surplus Property;
- 5) DHHL Due Diligence Actions;
- 6) Next Steps.

Property Location and Description:



'EWA BEACH PARCEL

Property Identification and Address:	Former Pacific Tsunami Warning Center (PTWC) 91-270 Fort Weaver Road 'Ewa Beach, Hawai'i 96706
Land and Improvements:	The approximately 80-acre parcel is improved with seven (7) buildings, including housing, office and storage space.
USGS-retained property:	The PTWC 80-acre property is part of a larger 175-acre property. The USGS intends to retain the adjacent 95-acre parcel for its magnetic observatory. The USGS also intends to reserve a nonexclusive

easement for access and utilities over the PTWC property, subject to terms that the parties will negotiate.

DHHL Due Diligence Actions:

Since the HHC’s July 21, 2020 meeting, the DHHL has continued to pursue its due diligence investigation of the property. Diligence studies can be categorized into four potential issue areas:

- 1) Property title and boundary issues;
- 2) Environmental hazard considerations;
- 3) Development potential and constraints;
- 4) Interim cost to maintain and manage the property prior to development.

The below chart highlights the due diligence actions that will help to identify the potential benefits and liabilities, and the uncertainties and studies that were conducted to evaluate the property’s potential benefits and risks to the trust.

DHHL Due Diligence Matrix

Category	Uncertainties	Action Needed	Findings
Property Title & Boundaries	Location of boundaries, easements, encroachments, and deed restrictions.	1) Title Report 2) Surveyor’s Report	1) The property is Land Court property. 2) GSA provided a preliminary title report showing no encumbrances of record. 3) Visual inspection and follow-up inquiry with GSA indicated no off-record encumbrances. 4) GSA provided surveyor’s report and plat map showing the proposed subdivision of the property. The easement area reserved aligns with an existing paved driveway leading to the retained parcel.
	Subdivision of the current 175-acre parcel into 2 parcels: 1) 80-acre surplus property and 2) 95-acre USGS-retained property.	3) DHHL action	5) The GSA will convey the property through a Quit Claim Deed to the DHHL. DHHL will undertake the process to subdivide the 175-acre property into the

Category	Uncertainties	Action Needed	Findings
			DHHL-offered and USGS-retained parcels.
Environmental Considerations	Onsite presence of contaminants/hazardous materials.	1) Phase I Environmental Site Assessment (ESA) 2) Hazardous Materials Survey (HMS), e.g. arsenic, asbestos and lead-based paint	1) Phase 1 ESA did not show significant REC (recognizable environmental condition i.e. not likely that the site contains hazardous materials. EXHIBIT B 2) HMS completed. EXHIBIT C
	Presence of other hazardous anomalies such as unexploded ordinance (UXO).	Magnetometer, topography and aerial imagery survey	Survey maps received. Magnetometer survey did not show conclusive presence of UXO. EXHIBIT D
	Impact of sea level rise (SLR)	Obtain SLR map	Map indicates SLR could impact makai portion of the parcel. However, map is a guide, versus an absolute prediction. Assumes possible 3.2 feet of sea level rise by year 2081-2100.
	Tsunami inundation zone (TIZ).	Obtain TIZ map	Map indicates makai portion of the parcel is in the tsunami evacuation zone. The mauka portion is in the extreme tsunami evacuation zone. Consider potential impact when designing the layout. EXHIBIT E
	Wetlands	Obtain wetlands map	The property does not contain wetlands. EXHIBIT F
	Flood Hazards	Obtain flood hazards map	The mauka area of the property is in the Firm D Area of Undetermined Flood Hazard and the makai area of the property is in the Firm XS 0.2% Annual Chance Flood Hazard. EXHIBIT G
Development Potential and Constraints	Presence of historic properties	State Historic Preservation Office determination (SHPD)	SHPD letter, dated October 23, 2018, determined that there are no historic properties affected.

Category	Uncertainties	Action Needed	Findings
	Potential number of single-family and multi-family residential lots that can be developed	Conduct evaluation and analyses for future development: 1) Development within constraints of the existing infrastructure. 2) Maximum development with infrastructure improvement(s)	Analysis and schematic design options received. EXHIBIT H
	Current infrastructure capacity		Infrastructure capacity for water confirmed, even at maximum development.
	USGS-retained parcel	Confirm USGS's intent to install a perimeter fence around their property	Wastewater to be determined. Improvements may be needed. Traffic improvements on Ft. Weaver Road may be required for both Ft. Weaver Road and North Road. USGS intends to install fencing around their parcel. Design/construction/funding to be determined.
Interim Cost(s) to maintain the property for an unknown amount of time before DHHL development can occur	Existing cost(s) for security, maintenance, utilities	Obtain copies of monthly bills and contracts Obtain copies of security incidence logs	The GSA will continue to maintain the property until the property is transferred. A final inspection and clean-up will also be conducted prior to the property transfer. The current average monthly costs for entire property is: 1) Landscaping, pest control and security patrols \$9,857/mth; 2) Electricity \$2,000/mth; 3) Water/Sewer \$4,500/mth Cost-sharing with the USGS for their proportionate share has been requested. Consider interim leasing of existing structures to generate revenue to help to monthly maintenance expenses.

CONSIDERATIONS FOR THE CHAIRMAN:

Under the HHLRA, the Chairman effectively has three options:

- 1) Select all of the 80-acre parcel for appraisal;
- 2) Select a portion of the 80-acre parcel for appraisal; or
- 3) Reject the parcel.

The below matrix provides the advantages and disadvantages for each of the considerations:

Decision Options Matrix

Decision Options	Pros	Cons
<p>(Higher-Risk; Higher-Reward)</p> <p>Take the entire 80-acre property</p>	<ul style="list-style-type: none"> • More homestead lots / housing opportunities. More space for more homestead lots and multi-family lots. Approximately twice as many single-family lots. • Alternative access. Access to Fort Weaver Road and North Road. • Revenue generation. Potential opportunity to generate revenue via general leases. • Exchange of lands. Lands conveyed to the DHHL under the HHLRA may subsequently be exchanged pursuant to Section 204(3) of the Hawaiian Homes Commission Act. • Sale of certain lands. The Chairman may, at the time that lands are conveyed to the DHHL as compensation for lost use under the HHLRA, designate lands to be sold. 	<ul style="list-style-type: none"> • Sea Level Rise. Makai portion of the property is in an area expected to be affected by 3.2 FT. Sea Level Rise scenario. 2017 Hawaii Climate Change Report predicts that this is most likely scenario by year 2100 if current trends continue. However, <i>frequency of flooding or high wave action unknown and the severity/intensity of events is unknown.</i> • Makai portion also in tsunami inundation zone. • Magnetometer shows higher readings in south east corner (probability of presence of metal debris higher). • Cost to maintain property. In the interim may be high. Unsure about how long DHHL would maintain the property prior to leasing to third parties either via homestead lease or non-homestead lease / license. (\$196k annual cost for

		<p>federal gov't to maintain includes landscaping, pest control, security, utilities).</p> <ul style="list-style-type: none"> • Who would pay for the infrastructure cost for commercial area?
<p>(Lower-Risk; Lower-Reward)</p> <p>Take a portion of the property mauka of potential hazard areas (approximately 38-acres).</p>	<ul style="list-style-type: none"> • Avoids potential hazard areas • Magnetometer shows lower readings (less probability of presence of metallic debris). • Property maintenance costs would be lower. Vacant land with access only from North Road. 	<ul style="list-style-type: none"> • Less homestead lots / housing opportunities. • Only one access point • Less space for revenue generating opportunities
<p>Reject entire property</p>	<ul style="list-style-type: none"> • No more additional cost and staff time. 	<ul style="list-style-type: none"> • No additional land for homesteading on Oahu. • Settlement of the HHLRA remains unfulfilled.

The pros and cons for each of the options identified in the Decisions Options Matrix have been considered and evaluated. DHHL staff recommends that the entire property of approximately 80-acres be accepted. The potential benefit of additional housing opportunities outweighs the potential future risks. The frequency and intensity of storm events over the next 80 years is unknown at this point in time. Potential future hazards could be mitigated through future design considerations such as adding in-fill to elevate structures and buildings. DHHL could consider interim land dispositions to help offset some of the operation and maintenance costs to manage the property in the interim. Therefore, it is recommended that the DHHL accept the entire property of approximately 80 acres.

NEXT STEPS

The expected next steps for the surplus property offer are:

- 1) August 31, 2020:
 - Deadline for Chairman to notify the GSA of its selection of the property to proceed with the appraisal process;
- 2) If DHHL selects the surplus property:
 - GSA will appraise the property (6 to 9 months);

- 3) Within 30 days after the appraisal is completed:
 - DHHL may accept or reject the property;
- 4) If DHHL accepts the surplus property:
 - GSA must convey the property to DHHL. (Timeframe TBD)

RECOMMENDATION

The Planning Office requests approval of the recommended motion as stated.

Exhibit A

HHC MEETING

JULY 21, 2020

AGENDA ITEM G-4

STATE OF HAWAI'I
DEPARTMENT OF HAWAIIAN HOME LANDS

July 20, 2020

To: Chairman and Members, Hawaiian Homes Commission

Thru: Peter "Kahana" Albinio Jr., Acting Land Management Division Administrator
Andrew Choy, Acting Planning Program Manager *AC*
Stewart Matsunaga, Acting Land Development Division Administrator *SM*

From: Linda Chinn, Land Agent V
Pearlyn Fukuba, Planner V *plf*
Darrell Ing, Real Estate Development Specialist *DI*

Subject: Notice of Availability of Surplus Real Property Former National Oceanic and Atmospheric Administration National Weather Service Pacific Tsunami Warning Center 'Ewa Beach, O'ahu, TMK (1) 9-001-001 (por.)

For Information Only

BACKGROUND INFORMATION/SUMMARY

The Department of Hawaiian Home Lands (DHHL) has received a Notice of Availability from the General Services Administration (GSA), dated March 19, 2020, regarding the availability of surplus government real estate in 'Ewa Beach, O'ahu. The surplus property is being offered to the DHHL as provided by the Hawaiian Homelands Recovery Act, Public Law 104-42 (HHLRA) that authorizes the transfer of non-ceded federal property to the DHHL. See Exhibit A.

The DHHL is conducting due diligence actions to investigate the property's potential to fulfill the department's mandate to develop and deliver homesteads to beneficiaries. The approximately 80-acre property previously served as the campus for the National Oceanic Atmospheric Administration, National Weather Service, Pacific Tsunami Warning Center (PTWC).

The DHHL is expected to respond to the GSA's Notice of Availability by August 31, 2020. Therefore, this information item is intended to brief the Hawaiian Homes Commission (HHC) on the status of the due diligence process and to garner feedback from the HHC in preparation of a fuller discussion and decision-making action at the HHC's August 2020 meeting.

DISCUSSION

HHLRA Authorities:

The DHHL would be able to accept conveyance of the property through the HHLRA, which was passed by the U.S. Congress and signed into law by President Clinton on November 2, 1995. The act serves as a means to restore and make whole the Hawaiian home lands trust.

The HHLRA authorizes the conveyance of certain non-ceded federal fee land in Hawai'i to DHHL in exchange for the federal government's continued use of Hawaiian home lands at Lualualei and Waimānalo on O'ahu, and Kalaupapa on Moloka'i. The HHLRA further provides for the settlement of claims arising from the lost use, or foregone rent, for past use of these lands by federal agencies.

Any federal lands that are transferred to DHHL are available for development for the benefit of native Hawaiians, such as homesteads, community and income uses. The land will assume the status of available lands. A portion of the land, reserved for the lost use of compensation, may also be sold.

Before any land is transferred to the DHHL, the federal property must complete the process of: (1) being declared as excess to federal needs; (2) environmental cleanup pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, P.L. 96-510); and (3) completion of surveys and legal documents.

Amount Due to the DHHL:

The HHLRA acknowledges that a total of 1,486 acres of Hawaiian home lands with a 1998 value of \$75 to \$80 million continue to be used by federal agencies. A subsequent credit of \$16.9 million for use of the Waipahū Federal Communications Commission Monitor Station property (Waipahū FCC) was also added into the calculation. Therefore, the total amount due to the DHHL increased to a total of \$92 to \$97 million.

1. Of the total HHLRA amount, about \$50 million comes from the land exchange value; consequently, land acquired under this portion become HHCA available land and cannot be sold, only exchanged.
2. About \$24 to \$29 million is land provided to compensate for foregone rent for past use of Hawaiian home lands. These lands, which must be identified upfront, are trust assets, but not HHLCA available land and can be sold.

There have been federal land conveyances to the DHHL since the HHLRA was signed. To date, 843 acres with a value of \$24 to \$33 million has been transferred to the DHHL. See Exhibit B. Therefore, a balance of about \$24 to \$33 million in 1998 land value is still due to DHHL.

HHLRA: Amount Due to the DHHL		1998 LAND VALUES (\$MILLIONS)		
	ACRES	LOW	MIDDLE	HIGH
DHHL Claims	1,486	\$74.900	\$77.700	\$80.500
Waipahū FCC Credit		+16.900	+16.900	+16.900
Total Due DHHL		\$91.800	\$94.600	\$97.400
Less: Federal Land Transfers to DHHL	843	<u>-58.280</u>	<u>-65.395</u>	<u>-72.490</u>
Balance Due DHHL		\$33.520	\$29.205	\$24.010

DHHL Priorities:

As noted in past HHC meetings, the DHHL's longest waiting list has consistently been the O'ahu Residential List. At the January 2020 HCC meeting, DHHL staff reported that there are 9,832 homestead applications for the island. However, the existing amount of O'ahu acreage within the DHHL's current land holdings is relatively small and is approximately three percent (3%) of DHHL's total land inventory. In essence, O'ahu has the most beneficiaries waiting for homesteads and the least amount of land.

The need to pursue homestead development is flagged as the highest priority in the O'ahu Island Plan (OIP). The OIP, adopted July 2014, also notes that Kapolei and Waimānalo are the two priority areas for residential development. It is also a development priority to obtain lands where offsite infrastructure: (1) is already in place; (2) is under development; and (3) requires limited resources to connect to existing infrastructure.

Due Diligence Considerations for Land Acquisition:

The OIP cautions that some lands that were previously acquired through the HHLRA ended up providing limited homesteading or revenue generation potential. Therefore, it is recommended that any future potential land acquisition follow a review process that allows for lands to be rejected if those federal surplus lands have limited potential for homesteading or revenue generation. Conditions that are conducive for homesteading or revenue generation could include the following:

1. A homestead density can be achieved that is consistent with current DHHL Residential or Subsistence Agriculture developments, if acquisition is pursued for homestead purposes.
2. Estimated off-site infrastructure costs are comparable to the average cost for current DHHL developments.
3. Slopes are less than 25 percent
4. Lands have not been identified as critical habitats or floodways.

Property Identification and Address:	Former PTWC 'Ewa Beach Campus 91-270 Fort Weaver Road 'Ewa Beach, Hawai'i 96706
PTWC Former Use	Served as the national and international warning center for tsunamis that pose a Pacific-wide threat.
Land and Improvements:	The approximately 80-acre parcel is improved with seven (7) buildings, including housing, office and storage space.
USGS-retained property:	The PTWC 80-acre property is currently a part of a larger 175-acre property. The neighboring 95-acre is occupied by the United States Geological Survey's (USGS) magnetic observatory. The USGS will access its property from time-to-time via a non-exclusive easement and served via a utility easement for electricity with the offered surplus property.

DHHL Due Diligence Actions to Date:

After receiving the GSA's notice, the department immediately began to pursue an investigation of the property. The DHHL due diligence team consists of administrators and professional staff from the Land Development Division, Land Management Division, and the Planning Office and technical consultants to assist with the diligence studies.

DHHL staff, U.S. Department of the Interior Office of Native Hawaiian Relations staff and consultants conducted a site visit on June 3, 2020. Although the PTWS vacated the premises in 2015, the property appears to be well maintained and the building structures are in fair condition. Federal contractors provide daily maintenance and security services for the property. A review of the security log shows that there is a low incidence rate of trespassing, vandalism or dumping at the site. The primary ongoing security issue is a private garden that is encroaching over the property line.

Further due diligence studies are currently being conducted of the property. Diligence studies can be categorized into these four potential issue areas:

- (1) Property title and boundary issues;
- (2) Environmental hazard considerations;
- (3) Development potential and constraints;
- (4) Interim cost to maintain and manage the property prior to development.

The below chart highlights the ongoing due diligence actions that will help to identify the potential benefits and liabilities, and the uncertainties and studies that are needed to evaluate the property's potential benefits and risks to the trust.

DHHL Due Diligence Matrix

Category	Uncertainties	Action Needed	Findings To Date
Property Title & Boundaries	Location of boundaries, easements, encroachments, and deed restrictions.	1) Title Report 2) Surveyor's Report	1) GSA provided. See Exhibit C. 2) GSA provided. See Exhibit D.
	Subdivision of the current 175-acre.	GSA action	The GSA will subdivide the property into the 1) PTWC-surplus property and the 2) USGS-retained property.
Environmental Considerations	Onsite presence of contaminants/hazardous materials.	1) Phase I Environmental Site Assessment (ESA) 2) Hazardous Materials Survey (HMS)	EnviroServices and Training, LLC: 1) Phase I ESA is expected by July 31, 2020. 2) HMS is expected by July 31, 2020.
	Presence of other hazardous anomalies such as UXO.	Magnetometer, topography and aerial imagery survey.	Dudek: Report is expected by August 15, 2020.
	Impact of sea level rise (SLR.)	Obtain SLR map.	Map indicates SLR could impact southern portion of the parcel. However, map is a guide, versus an absolute prediction. See Exhibit E.
	Tsunami inundation zone (TIZ).	Obtain TIZ map.	Map indicates southern portion of the parcel is in the TIZ. Consider potential impact when designing the layout. See Exhibit F.
Development Potential and Constraints	Presence of historic properties	State Historic Preservation Office determination (SHPD)	SHPD letter, dated October 23, 2018, determined that there are no historic properties affected. See Exhibit A, SHPD letter.

Category	Uncertainties	Action Needed	Findings To Date
	Potential number of single-family and multi-family residential lots that can be developed .	Conduct evaluation and analyses for future development: A. Development within constraints of the existing infrastructure. B. Maximum development with infrastructure improvement(s).	Bowers + Kubota: Analysis and designs expected by early-mid August 2020.
	Current infrastructure capacity		
	Impact of the USGS Magnetic Observatory	Determine if easements for access and utilities will impact future DHHL development.	GSA is amenable to the DHHL providing alternatives for easements. It is subject to USGS review and approval
		Confirm USGS's intent to install a perimeter fence around their property.	USGS intends to install fencing around their parcel. Design/construction/funding to be determined.
Interim Cost(s) to maintain the property for an unknown amount of time before DHHL development can occur	Existing cost(s) for security, maintenance, utilities	Obtain copies of monthly bills and contracts. Obtain copies of security incidence logs.	Current average monthly costs: 1) Landscaping, pest control and security patrols \$9,857/mth; 2) Electricity \$2,000/mth; 3) Water/Sewer \$4,500/mth Cost-sharing with the USGS for their proportionate share has been requested.

NEXT STEPS

The GSA's Notice of Availability required the DHHL to provide written notice of the department's interest to acquire the property within 60-days of the date of the letter. It

was further clarified that the GSA should allow a minimum of 90-days for the DHHL's response, which would have made the due date on June 19, 2020.

However, on June 4, 2020, the DHHL requested that the due date be extended to August 31, 2020, due to the challenges of doing business during the Covid-19 pandemic, the amount of due diligence required and the need to present relevant information to the HHC at its scheduled meeting dates. On June 5, 2020, the GSA sent correspondence that acknowledged the department's good faith efforts, property and title due diligence actions and ongoing coordination with GSA staff. The DHHL's extension request was approved.

The expected next steps for the surplus property offer are:

- 1) HHC Meeting - August 17 and 18, 2020:
 - DHHL staff will present its due diligence findings and recommendations to the HHC
- 2) August 31, 2020:
 - Deadline for the DHHL to notify the GSA of its intent to accept the entire property, accept a portion of the property, or reject the property offer based on the HHC's decision on the August 2020 HHC meeting;
- 3) Should the DHHL intend to accept the surplus property offer:
 - GSA and the DHHL will conduct a property appraisal (6 to 9 months);
- 4) Within 30 days after the appraisal is completed:
 - DHHL may accept or reject the property
- 5) If the DHHL accepts the surplus property:
 - Conveyance documents are completed and executed. (Timeframe TBD)



GSA Pacific Rim Region

SENT BY ELECTRONIC MAIL dhhl.icro@hawaii.gov

March 19, 2020

Mr. William J. Aila, Jr.
Chair, Department of Hawaiian Home Lands
P.O. Box 1879
Honolulu, Hawai'i, 96805

SUBJECT: Notice of Availability of Surplus Real Property
Former National Oceanic and Atmospheric Administration (NOAA)
National Weather Service (NWS) Pacific Tsunami Warning Center (PTWC)
Ewa Beach, HI

Dear Mr. Aila:

The property described on the following pages has been determined Surplus Government real property, and is hereby offered to the Department of Hawaiian Home Lands (DHHL). Provisions contained in the Hawaiian Homelands Recovery Act (Public Law 104-42) authorize transfer of non-ceded federal property to DHHL.

The existing Memorandum of Agreement (MOA) dated August 31, 1998 signed by the Secretary of the Interior provides for conveyances of surplus federal real property to DHHL against the current outstanding credit. Accordingly, the U.S. General Services Administration (GSA) is providing this notice of availability to DHHL under Section 2 (a) (ii) of the MOA.

You are requested to provide written notice to this office at the following address and david.haase@gsa.gov not later than sixty (60) days after the date of this letter in the event your agency is interested in acquiring this property:

U.S. General Services Administration
Real Property Utilization and Disposal Division (9PZ)
50 United Nations Plaza, Suite 4345
San Francisco, CA 94102
Attn: David Haase

Please include a DHHL point of contact for future communication and discussions. I can be reached at 415-522-3426. Thanks in advance for a reply to this availability notice.

Sincerely,

A handwritten signature in cursive script that reads "David Haase".

David Haase
Director, Real Property Utilization and Disposal (9PZ)

cc: Andrew Choy, DHHL
Kaiini (Kimo) Kaloi, U.S. Department of the Interior

U.S. General Services Administration
50 United Nation Plaza
San Francisco, CA 94102-4912
www.gsa.gov



NOTICE OF AVAILABILITY OF SURPLUS REAL PROPERTY

1. **GSA Control Number:** 9-C-HI-0820

2. **Property Identification:** Former NOAA NWS PTWC Ewa Beach HI Campus

3. **Property Address:** 91-270 Ft. Weaver Road
Ewa Beach, HI 96706

4. **Name of Holding Agency:** NOAA's National Weather Service (NWS)
1845 Wasp Blvd., Bldg. 176
Honolulu, Hawaii 96818

5. **Custodian:** Richard Von Wittkamp
Realty Specialist
7600 Sand Point Way
Seattle, WA 98115
206-526-4400

6. **Land and Improvements:** The ± 80 acre surplus parcel is improved with 7 buildings, including housing, office and storage described in Exhibit B.

7. **Retained Parcel:** The United States Geological Survey (USGS) will continue to occupy its Magnetic Observatory on the adjacent retained Federal Property, which will be accessed from time to time via a non-exclusive easement over the surplus parcel and served via a utility easement for electricity to USGS's equipment. Additional easements may need to be reserved to serve the retained parcel.

8. **Utilities:** Utilities are in the area and accessible to the property.

9. **Environmental Data:** The reporting agency has determined, based upon a complete search of agency files, that there is no evidence to indicate that hazardous substance activity took place on the

property during or prior to Federal ownership. Therefore, all remedial action necessary to protect human health and the environment with respect to any such substance remaining on the property has been taken prior to the report of excess.

The anticipated Quitclaim deed will include the applicable Deed Notices and Covenants detailed herein including Hazardous Substance Activity, CERCLA Covenant, Notice of the Possible Presence of Lead Based Paint, Asbestos Covenant, Presence of Mold, Coastal Zone Notice and Covenant, and an As-Is Where-Is Provision

10. Historical Data:

The property is not listed or eligible for listing per the Hawaii Historic Preservation Office correspondence of 10-23-2018 attached as Exhibit D.

11. Endangered Species:

The property is not located within an area of known, listed, threatened, and/or endangered species and/or critical habitat protected by the Federal Endangered Species Act (16 USC §1531, et. seq.)

12. Holding Agency Use:

Employee housing, office

13. Continuing Use:

Vacant

14. GSA Representative:

Andrew Schwartz, Realty Specialist
Phone: 253-931-7556 Fax: 253-931-7554
E-mail: andrew.schwartz@gsa.gov

Exhibits

- A. Maps
- B. Improvements
- C. Applicable deed notices and covenants
- D. State of Hawaii DLNR SHPO Letter

EXHIBIT A MAPS

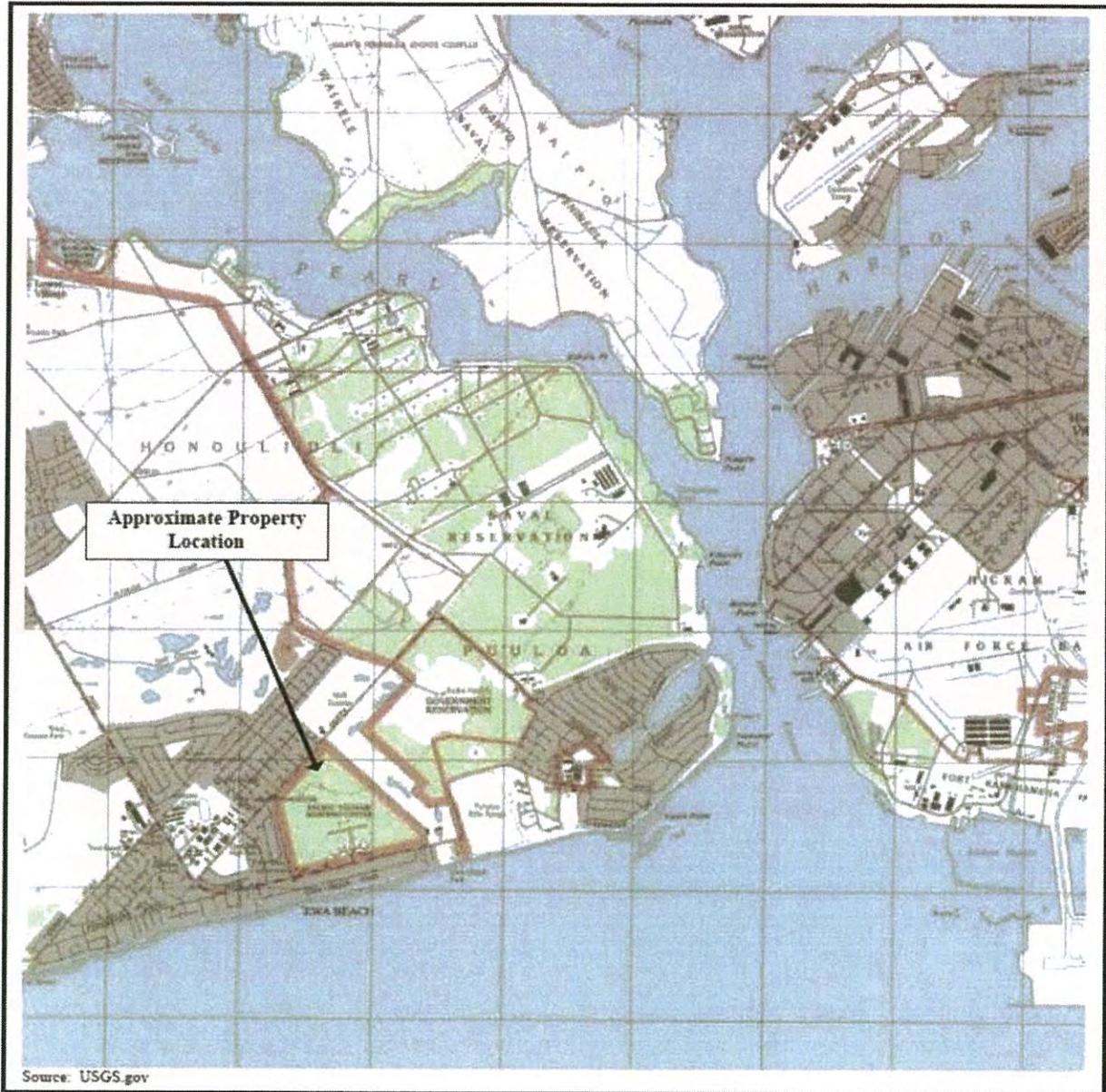




EXHIBIT B IMPROVEMENTS

<u>Building</u>	<u>Built</u>	<u>Size (s.f.)</u>
1 Employee Housing #1 (<i>renovated in 1999</i>)	1961	1,899
2 Employee Housing #2 (<i>renovated in 1999</i>)	1961	1,899
3 Employee Housing #3 (<i>renovated in 1999</i>)	1961	1,899
4 Employee Housing #4 (<i>renovated in 1999</i>)	1961	1,899
5 Main Office Building (<i>renovated in 1995</i>)	1961	1,603
6 Employee Housing #5	1998	2,560
7 Modular Annex (doublewide trailer)	2005	1,440

Four of the five houses located on the disposal parcel were constructed circa 1961 (renovated in 1999), one was constructed circa 1998 and vary from \pm 1,900 to 2,560 square feet. All have similar floor plans, including a living room, kitchen, three bedrooms, two bathrooms, lanai, and attached garage. The construction materials used in the four 1961 era residences include drywall, wood, concrete and tile-covered walls; wood, metal and glass doors ; canec and drywall ceilings; wood, carpeted, tile-covered and concrete floors; cove-base molding; wood cabinets; ceiling fans; forced air conditioning; fluorescent incandescent and mercury vapor exterior lighting; smoke alarms; and wood siding, fascia and soffits. Solar-powered watered heating units were also present on the roof of each residence. Construction materials used in the 1998 era residence included wood, glass and vinyl doors; tiled carpeting and concrete flooring; drywall ceilings; drywall and concrete walls; wood cabinets; fluorescent lighting and wood soffits

The main office building, which was constructed in 1961, is \pm 1,600 square feet, and consists of a reception area, six offices, two restrooms, a monitor room and a server room. The construction materials used in the main office building included concrete and drywall walls; wood and metal doors; metal windows; linoleum flooring; suspended tile ceilings; fluorescent lighting; wood cabinets and wood soffits

The modular office annex building, which was constructed in 2005, is \pm 1,440 square feet, and consists of a conference room, six offices, a restroom, a porch and a wheelchair ramp. Construction materials used in the modular office annex building include vinyl and wood walls; metal ceilings; metal and wood doors; carpeting, linoleum and wood flooring; fluorescent lighting and wood soffits.

There is also a small, \pm 64 square foot, building located approximately 70 feet from the southeast corner of the subject property, consisting of concrete walls, a wood and concrete floor, and a metal roof, which may have, at one time, been utilized as a possible well house.



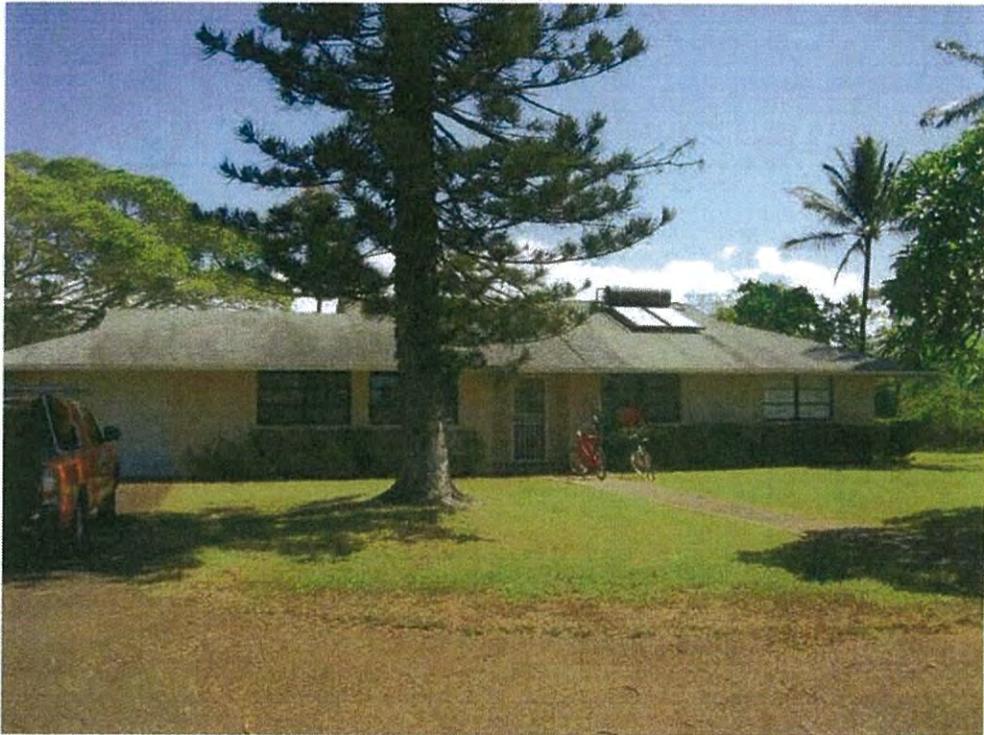
Disposal Parcel Entrance



Surplus Housing



House 3



House 4

EXHIBIT C - APPLICABLE DEED NOTICES AND COVENANTS

HAZARDOUS SUBSTANCE ACTIVITY

(A) **NOTICE Regarding Hazardous Substance Activity.** Pursuant to 40 CFR 373.2 and Section 120(h)(3)(A)(i) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (CERCLA)(42 U.S.C. §9620(h)(3)(A)(i)), and based upon a complete search of agency files, the United States gives notice that no hazardous substances have been released or disposed of or stored for one year or more on the Property.

(B) **CERCLA Covenant.** Grantor warrants that all remedial action necessary to protect human health and the environment has been taken before the date of this conveyance. Grantor warrants that it shall take any additional response action found to be necessary after the date of this conveyance regarding hazardous substances located on the Property on the date of this conveyance.

- 1) This covenant shall not apply:
 - (a) in any case in which Grantee, its successor(s) or assign(s), or any successor in interest to the Property or part thereof is a Potentially Responsible Party (PRP) with respect to the Property immediately prior to the date of this conveyance; OR
 - (b) to the extent that such additional response action or part thereof found to be necessary is the result of an act or failure to act of the Grantee, its successor(s) or assign(s), or any party in possession after the date of this conveyance that either:
 - (i) results in a release or threatened release of a hazardous substance that was not located on the Property on the date of this conveyance; OR
 - (ii) causes or exacerbates the release or threatened release of a hazardous substance the existence and location of which was known and identified to the applicable regulatory authority as of the date of this conveyance.
 - (iii) in the case of a hazardous substance(s) previously unknown by Grantor and Grantee as of the date of this conveyance but which is hereafter discovered by Grantee, its successor(s) or assign(s), or any party in possession and where after such discovery, Grantee, its successor(s) or assign(s), or any party in possession thereafter causes or exacerbates a release or threatened release of such hazardous substance(s).
- (2) In the event Grantee, its successor(s) or assign(s), seeks to have Grantor conduct any additional response action, and, as a condition precedent to Grantor incurring any additional cleanup obligation or related expenses, the Grantee, its successor(s) or assign(s), shall provide Grantor at least 45 days written notice of such a claim. In order for the 45-day period to commence, such notice must include credible evidence that:

(a) the associated contamination existed prior to the date of this conveyance;
and

(b) the need to conduct any additional response action or part thereof was not the result of any act or failure to act by the **Grantee**, its successor(s) or assign(s), or any party in possession.

(C) ACCESS. **Grantor** reserves a right of access to all portions of the Property for environmental investigation, remediation or other corrective action. This reservation includes the right to use available utilities at reasonable cost to **Grantor**. These rights shall be exercisable in any case in which a remedial action, response action or corrective action is found to be necessary after the date of this conveyance, or in which access is necessary to carry out a remedial action, response action, or corrective action on adjoining property. Pursuant to this reservation, the United States of America, and its respective officers, agents, employees, contractors and subcontractors shall have the right (upon reasonable advance written notice to the record title owner) to enter upon the Property and conduct investigations and surveys, to include drilling, test-pitting, borings, data and records compilation and other activities related to environmental investigation, and to carry out remedial or removal actions as required or necessary, including but not limited to the installation and operation of monitoring wells, pumping wells, and treatment facilities. Any such entry, including such activities, responses or remedial actions, shall be coordinated with record title owner and shall be performed in a manner that minimizes interruption with activities of authorized occupants.

NOTICE OF THE POSSIBLE PRESENCE OF LEAD-BASED PAINT

The GRANTEE, in accepting this Deed, acknowledges that:

(1) the GRANTOR has disclosed to the GRANTEE the presence of any known lead-based paint, or any known lead-based paint hazards, regarding the Property;

(2) the GRANTOR provided the GRANTEE with any lead hazard evaluation report(s) available to the GRANTOR;

(3) the GRANTOR provided to the GRANTEE a lead hazard information pamphlet t, as prescribed by the Administrator of the U.S. Environmental Protection Agency under section 406 of the Toxic Substances Control Act; and

(4) the GRANTOR provided the GRANTEE with a period of at least ten (10) days to conduct a risk assessment or inspection for the presence of lead-based paint hazards before the GRANTEE became obligated under a contract to purchase the Property.

GRANTOR assumes no liability for damages for property damage, personal injury, illness, disability, or death, to GRANTEE, its successors or assigns, or to any other person, including members of the general public, arising from or incident to the purchase, transportation , removal,

handling, use, disposition, or other activity causing or leading to contact of any kind whatsoever with lead-based paint on the Property described in this deed, whether GRANTEE, and its successors or assigns, have properly warned or failed to properly warn the individual(s) injured.

GRANTEE, its successors and assigns, covenant and agree that in their use and occupancy of the Property they will comply with all existing Federal, state, local, and any other applicable laws regarding lead-based paint and lead-based paint hazards, such as 24 C.F.R. Part 35 and 40 C.F.R. Part 745, as well as any said laws promulgated in the future.

GRANTEE, its successors and assigns, covenant and agree, that with respect to any improvement located on the Property that is defined as "target housing" by 24 C.F.R. Part 35 and constructed prior to 1978, lead-based paint hazards will be disclosed to potential occupants in accordance with Title X (Residential Lead-based Paint Hazard Reduction Act, 42 U.S.C. §§ 4851-4856) before any use of such improvement as a residential dwelling.

GRANTEE, its successors and assigns, further covenant and agree, that with respect to any improvement located on the Property that is defined as "target housing" by 24 C.F.R. Part 35 and constructed prior to 1960, GRANTEE, its successors and assigns, will not occupy such improvement, or allow or cause such improvement to be occupied, unless and until the GRANTOR concurs in writing that all lead-based paint hazards have been abated.

GRANTEE, its successors and assigns, hereby further covenant and agree that any future transfer or conveyance of the Property shall include these covenants unless and until the GRANTOR concurs in writing that all lead-based paint hazards have been abated.

GRANTOR'S concurrence that all lead-based paint hazards have been abated shall not be unreasonably withheld if the GRANTEE, its successors or assigns, at no cost to GRANTOR, demonstrates that all lead-based paint hazards have been abated in accordance with all applicable laws and regulations and at least the following requirements:

- (1) before commencement of on-site preparation activities for abatement, GRANTEE makes current any risk assessment provided by the GRANTOR if more than 12 months have elapsed since the risk assessment was prepared or, in the absence of a risk assessment provided by the GRANTOR, makes a lead-based paint hazard risk assessment;
- (2) following abatement activities, GRANTEE obtains a clearance examination, in accordance with applicable regulations, and conducted by a person certified to perform risk assessments or lead-based paint inspections, which examination must show that the clearance samples meet the standards set forth in 24 C.F.R. Part 35 Subpart R;
- (3) following abatement activities, GRANTEE obtains a clearance report, in accordance with applicable regulations, prepared by a person certified to perform risk assessments or lead-based paint inspections pursuant to 40 C.F.R. § 745.227; and

- (4) GRANTEE provides GRANTOR with copies of any and all clearance examination(s) and clearance report(s).

GRANTEE, its successors and assigns, further agree to indemnify, defend and hold harmless the GRANTOR from any and all loss, judgment, claims, demands, expenses or damages, of whatever nature which might arise or be made against the United States of America, due to, or relating to, the presence of lead-based paint hazards on the Property, any related abatement activities, or the disposal of any material from an abatement process.

These covenants shall remain and run with the land in perpetuity and shall be enforceable by the GRANTOR, the State or Commonwealth in which the Property is located, or both. The GRANTOR hereby reserves to itself and to the State or Commonwealth in which the Property is located, and their respective officials, agents, employees, contractors, and subcontractors, an easement for ingress to, egress from, and access to the Property in, on, over, through, and across the Property to verify compliance with these covenants by the GRANTEE, its successors and assigns.

ASBESTOS COVENANT

Notice of the Potential Presence of Asbestos

The Grantee is advised that the Property may contain asbestos-containing materials. Unprotected or unregulated exposures to asbestos in product manufacturing, shipyard, and building construction workplaces have been associated with asbestos-related diseases. Both the Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA) regulate asbestos because of the potential hazards associated with exposure to airborne asbestos fibers. Both OSHA and EPA have determined that such exposure increases the risk of asbestos-related diseases, which include certain cancers and which can result in disability or death.

Grantee is invited, urged, and cautioned to inspect the Property as to its asbestos content and condition and any hazardous or environmental conditions relating thereto prior to conveyance. The Grantor will assist Grantee in obtaining any authorization(s) which may be required in order to carry out any such inspection(s). Grantee shall be deemed to have relied solely on their own judgment in assessing the overall condition of all or any portion of the Property including, without limitation, any asbestos hazards or concerns.

No warranties either express or implied are given with regard to the condition of the Property including, without limitation, whether the Property does or does not contain asbestos or is or is not safe for a particular purpose. The failure of any bidder (offeror) to inspect, or to be fully informed as to the condition of all or any portion of the property offered, will not constitute grounds for any claim or demand for adjustment or withdrawal of a bid or offer after its opening or tender.

The description of the Property set forth in this conveyance document and any other information provided therein with respect to said Property is based on the best information available to the disposal agency and is believed to be correct, but an error or omission, including but not limited to the omission of any information available to the agency having custody over the Property or any other Federal agency, shall not constitute grounds or reason for nonperformance of the contract of

sale, or any claim by the Purchaser against the Government including, without limitation, any claim for allowance, refund, or deduction from the purchase price.

The Grantor assumes no liability for damages for personal injury, illness, disability or death, to the Grantee, or to the Grantee's successors, assigns, employees, invitees, licensees, or any other person subject to Grantee's control or direction, or to any other person, including members of the general public, arising from or incident to the purchase, transportation, removal, handling, use, disposition, or other activity causing or leading to contact of any kind whatsoever with asbestos on the Property which is the subject of this conveyance, whether the Grantee, its successors or assigns has or have properly warned or failed properly to warn the individual(s) injured.

The Grantee further agrees that in its use and occupancy of the Property it will comply with all Federal, state, and local laws relating to asbestos.

PRESENCE OF MOLD

The Grantee is notified that various forms of mold are present at various locations in the subject building on the Property. Results of the Property's Environmental Compliance Due Diligence Activities Report have been made available to Grantee. Molds and mold growth may create toxins that can cause adverse health reactions to some humans after exposure, and which falls within the CERCLA "Limitations on Response" standards at 42 U.S.C. 9604 (a)(3). The Federal and State government have not set Standards or Threshold Limit Values for airborne concentrations of mold or mold spores.

Information provided to the grantee with respect to the Property is based on the best information available to the U.S. General Services Administration and is believed to be correct, but any error or omission, including but not limited to the omission of any information available to the agency having custody over the property and/or any other Federal agency, will not constitute grounds for liability for damages by the Government for personal injury, illness, disability, or death, to the Grantee, its successors, assigns, employees, invitees, or any other person subject to the Grantee's control or direction.

COASTAL ZONE NOTICE AND COVENANT

Grantee covenants and agrees that Grantee was advised that the Property is located within the coastal zone of the State of Hawaii. Activities contemplated for the Property by Grantee, his successors and assigns are subject to any and all Federal, State and municipal laws, rules and ordinances, including but not limited to the Hawaii Coastal Zone Management Program, governing land use in the coastal zone of Hawaii.

AS-IS, WHERE-IS PROVISION

Grantee agrees and acknowledges that Grantor is selling the property strictly on an "as is, where is", with all faults basis, without warranty, express or implied, with any and all latent and patent defects. Grantee acknowledges that Grantor has made the property available for inspection by Grantee and Grantee's representatives. Grantee has inspected, or will have inspected prior to closing, the physical condition of the property to the extent felt necessary by Grantee, including all improvements thereon, and accepts title to the same "as is" in its existing physical condition.

Grantee acknowledges that it is not relying upon any representation, warranty statement or other assertion of the United States of America, as Grantor, including its agencies or any official, agent representative or employee of the foregoing, with respect to the property's conditions. except as set forth in the contract, Grantee is relying solely and wholly on Grantee's own examination of the property, is fully satisfied with the property, and accepts any liabilities or costs arising in connection with the condition of the property, including, but not limited to any costs or liabilities pertaining to any environmental condition on the property. Except as set forth in Section c, below, the United States of America and its agencies disclaim any and all express or implied warranties and specifically make no warranties of title, habitability, merchantability, suitability, fitness for any purpose, or any other warranty whatsoever. Grantee is put on notice that any prior grant and/or encumbrance may be of record and Grantee is advised to examine all public records available regarding the property.

No employee or agent of Grantor is authorized to make any representation or warranty as to the quality or condition of the property, merchantability, suitability or fitness of the property for any use whatsoever, known or unknown to Grantor, or compliance with any environmental protection, pollution or land use laws, rules, regulations, orders, or requirements including, but not limited to, those pertaining to the handling, generating, treating, storing, or disposing of any hazardous waste or substance. In no event shall Grantor be responsible or liable for latent or patent defects or faults, if any, in the property or for remedying or repairing the same including, without limitation, defects related to asbestos or asbestos containing materials, lead, lead-based paint, underground storage tanks, mold, radon or hazardous or toxic materials, chemicals or waste, or for constructing or repairing any streets, utilities or other improvements shown on any plat of the property.

Nothing in this "as is, where is" provision will be construed to modify or negate the Grantor's obligation under the CERCLA covenant or any other statutory obligations.

Exhibit D State of Hawaii DLNR SHPO Letter



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING
601 KAMOKILA BLVD, STE 555
KAPOLEI, HAWAII 96707

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

ROBERT K. MASUDA
FIRST DEPUTY

W. ROY HARDY
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

October 23, 2018

IN REPLY REFER TO:
LOG: 2018.02473
DOC: 1810KN16
Architecture

Jane Lehman, Regional HPO
U.S. General Services Administration
Pacific Rim Region
50 United Nations Plaza
San Francisco, CA 94102
via: jane.lehman@gsa.gov

Dear Ms. Lehman:

RE: **NHPA Section 106 Historic Preservation Review
National Weather Station - Request for Concurrence
91-270 Fort Weaver Road 'Ewa Beach, HI 96706
Pu'uloa Ahupua'a, 'Ewa District, Island of O'ahu
TMK: (1)-9-9-005:010**

Thank you for the opportunity to comment on this request from the U.S. General Services Administration (GSA) Pacific Rim Region for concurrence with GSA's determination of "no historic properties affected" for the proposed project to dispose the National Weather Station, Pacific Tsunami Warning Center (PTWC) site at 'Ewa Beach. The National Oceanic and Atmospheric Administration (NOAA) currently owns the property and reported the PTWC as excess property to GSA. GSA understands that the property will be transferred to either U.S. Fish and Wildlife Service (USFWS) or U.S. Geological Survey (USGS), who also currently use the facility. GSA has determined that this project is an undertaking per 36 CFR 800.16(y) and that the Area of Potential Effects (APE) includes the property boundaries.

GSA has identified and evaluated the potential historic properties. The property consists of fifteen (15) buildings and structures, including five single-family residential (employee) housing units, a main office building, an office annex building, an electronics shop, a residence trailer, and six small storage buildings. In addition to these fifteen buildings and structures, the property includes a small shed and antenna farm.

The buildings lack distinctive features or style and are not a noteworthy embodiment of a type of architecture. Although the buildings are work of a well-known local architect, Guy Rothwell, these buildings are not considered to be among his more notable or influential projects and do not rise to the level of being considered significant under any of the four criteria to be eligible for inclusion in the National Register of Historic Places.

Per 36 CFR 800.4, there are no historic properties present and therefore the State Historic Preservation Officer (SHPO) concurs with GSA's effect determination of "no historic properties affected".

J. Lehman
10/23/18

Please contact Kaiwi Yoon, Architecture Branch Chief at (808) 692-8032, or at Kaiwi.N.Yoon@hawaii.gov for questions regarding architectural resources or this letter.

Mahalo,

Alan Downer

Alan Downer, PhD.
Deputy State Historic Preservation Officer
Administrator, State Historic Preservation Division

cc: suzanne.case@hawaii.gov

**COMPARISON OF 1998 MARKET VALUES
DHHL CLAIMS VS FEDERAL LANDS
UNDER HAWAIIAN HOME LANDS RECOVERY ACT OF 1995 (PL 104-42)**

PROPERTY	ACRES	1998 LAND VALUES (\$ MILLIONS)			COMMENTS
		LOW	MIDDLE	HIGH	
DHHL CLAIMS					
Lualualei Exchange Value	1,480	\$49.200	\$49.200	\$49.200	
Lualualei Compensation		18.800	19.600	20.400	
Section 208 Compensation		5.140	6.935	8.730	
Section 203 Exchange Value	6	1.210	1.380	1.550	Waimanalo and Kalaupapa
Section 203 Compensation		0.570	0.590	0.610	
TOTAL (Rounded)	1,486	\$74.900	\$77.700	\$80.500	
FEDERAL LANDS	ACRES TO DHHL				DATE OF LAND TRANSFER TO DHHL
Barbers Point NAS	555	\$38.010	\$42.915	\$47.820	Transferred in 2003 and 2008
USN Ewa Drum Site, Waiawa	56	14.600	15.600	16.600	Transferred in 1999 and 2009
USN Halawa Laundry Site	0	0	0	0	3 acres not available for transfer
GSA Waipahu Monitor Station	0	0	0	0	Replaced with \$16.9M Credit
GSA Manana Marine Site	20	1.520	1.675	1.830	Transferred in 1999
GSA Upolu Point, N. Kohala	38	0.950	1.005	1,060	Transferred in 2000
GSA Haiku Station	147	3.200	4.200	5.200	Transferred in 2000 (Less 20 acre landfill)
Lualualei Buffer Zone Area	27	na	na	na	Land values not available
TOTAL (Rounded)	843	\$58.280	\$65.395	\$72.490	
TOTAL LAND VALUES					
DHHL CLAIMS					
OUTSTANDING CREDITS		\$74.900	\$77.700	\$80.500	
TOTAL DUE TO DHHL		16.900	16.900	16.900	For loss of GSA Waipahu Monitor Station
LESS: TOTAL FEDERAL LANDS TRANSFERRED TO DHHL		\$91.800	\$94.600	\$97.400	
BALANCE DUE DHHL		-58.280	-65.395	-72.490	
TOTAL		\$33.520	\$29.205	\$24.010	

STATUS REPORT

This Report (and any revisions thereto) is issued for the sole benefit of the Purchaser of this Report identified in the Order No. referenced below. Title Guaranty of Hawaii, LLC's responsibility for any actual loss incurred by reason of any incorrectness herein is limited to the lesser of \$3,500 or two times the amount paid for this Report.

SCHEDULE A

Title Guaranty of Hawaii, LLC (the "Company") hereby reports as follows as to the title of the Parties named in Schedule A in and to the title to land described in Schedule C, subject to the matters set forth in Schedule B, based solely upon an abstract and examination of the following Indices in the State of Hawaii: (a) the Office of the Clerks of the Circuit Court of the Judicial Circuit within which the land is located; (b) the Office of the Clerk of the District Court of the United States for the District of Hawaii; (c) the Office of the Registrar of Conveyances; and (d) the Office of the Real Property Tax Assessment Division of the County within which the land is located.

UNITED STATES OF AMERICA,
As Fee Owner

This report is subject to the Conditions and Stipulations set forth in Schedule D and is dated as of June 15, 2020 at 8:00 a.m.

Inquiries concerning this report should be directed to:

Title Officer - Elva N. Furuya; Office: (808) 533-5816

Email: efuruya@tghawaii.com

Please reference Title Order No. 202022114.

**SCHEDULE B
EXCEPTIONS**

1. Real Property Taxes, if any, that may be due and owing.
Tax Key: (1) 9-1-001-001 Area Assessed: 701.5288 acs.
Tax Classification: IMPROVED RESIDENTIAL
Street Address: 91-1281 N ROAD, EWA BEACH, HAWAII
2. Any and all matters not shown in the Indices described in Schedule A.
3. Mineral and water rights of any nature.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments or any other matters which a correct survey or archaeological study would disclose.
5. Any unrecorded leases and matters arising from or affecting the same.

END OF SCHEDULE B

SCHEDULE C

All of that certain parcel of land situate at Puuloa, Ewa, City and County of Honolulu, State of Hawaii, described as follows:

LOT 784-A-2-A, area 174.1270 acres, more or less, as shown on Map 236, filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii with Land Court Application No. 242 of the United States of America.

Being land(s) described in Transfer Certificate of Title No. 78,117 issued to UNITED STATES OF AMERICA.

END OF SCHEDULE C

SCHEDULE D

CONDITIONS AND STIPULATIONS

1. This Status Report (which term shall include any revisions thereto) is a report of the record title only, based solely upon an abstract and examination of the Indices described in Schedule A as of the date of the Report. No responsibility is assumed for (a) matters which may affect the title but either were not disclosed or were incorrectly disclosed in said indices at the date hereof; or (b) matters created, suffered, assumed, or agreed to by Purchaser; or (c) matters not shown herein but actually know to Purchaser. Title Guaranty of Hawaii, Inc. (the "Company") makes no representation as to the legal effect, validity or priority of matters shown or referred to herein.
2. If the Report is incorrect in any respect, the responsibility of the Company shall be limited to the resulting actual loss, including any attorney's fees and legal costs, but in no event shall exceed the lesser of \$3,500 or two times the amount paid for the Report. Upon payment of any loss hereunder, the Company shall be subrogated to all rights the Purchaser may have against any person or property as a result of such loss.
3. If the Purchaser of this Report shall suffer an actual loss by reason of the incorrectness of the Report, the Purchaser shall promptly notify the Company in writing. After receipt of such notice, the Company shall be allowed a reasonable time in which to investigate the claim. At its sole option, the Company may litigate the validity of the claim, negotiate a settlement or pay to Purchaser the amount the Company is obligated to pay under this Report. The Company's responsibility hereunder constitutes indemnity only and nothing herein shall obligate the Company to assume the defense of the Purchaser with respect to any claim made hereunder.
4. This report is the entire contract between the Purchaser and the Company and any claim by Purchaser against the Company, arising hereunder, shall be enforceable only in accordance with the provisions herein.
5. Notice required to be given the Company shall include the Order Number of this Report and shall be addressed to Title Guaranty of Hawaii, Inc., P.O. Box 3084, Honolulu, HI 96802, Attention: Legal Department.

DESCRIPTION OF
HONOLULU OBSERVATORY

LOT 784-A-2-A-2 (PENDING, LAND COURT APPLICATION 242)

ALL that certain piece or parcel of land being a portion Lot 784-A-2-A, as shown on Map 236 of Land Court Application 242.

Situate at Puuloa, Ewa, Oahu, Hawaii.

Beginning at the southwest corner of this parcel of land the same being the northwest corner of of Lot 784-A-2-B, as shown on Map 236, further being the southeast corner of Lot 1562, as shown on Map 192, Land Court Application 242 and thence running by azimuths measured clockwise from true South:

1. 166° 30' 444.99 feet along Lots 1562, 1430 and 1431, Land Court Application 242;
2. 256° 30' 1,505.44 feet along Lot 784-A-2-A-1 (Pending) being the
 remainder Lot 784-A-2-A Land Court Application
 242;
3. 346° 30' 21.00 feet along Lot 784-A-2-A-1(Pending) being the remainder
 Lot 784-A-2-A, Land Court Application 242;
4. 256° 30' 617.00 feet along Lot 784-A-2-A-1(Pending) being the remainder
 Lot 784-A-2-A, Land Court Application 242;
5. 166° 30' 1,226.00 feet along Lot 784-A-2-A-1(Pending) being the remainder
 Lot 784-A-2-A, Land Court Application 242;
6. 131° 07' 1,513.00 feet along Lot 784-A-2-A-1(Pending) being the remainder
 Lot 784-A-2-A, Land Court Application 242;
7. 221° 07' 400.00 feet along Lot 784-A-4-A Land Court Application 242;
8. 311° 07' 3,342.83 feet along Lot 784-A-3-B-2, Land Court Application 242;
9. 346° 30' 449.75 feet along Lots 784-A-3-A-1 and 784-A-3-A-2, Land Court
 Application 242;
10. 76° 30' 2,874.34 feet along Fort Weaver Road;

11. 166° 30' 60.00 feet along Lot 784-A-2-B, Land Court Application 242;
12. 76° 30' 633.77 feet along Lot 784-A-2-B, Land Court Application 242 to the
point of beginning and containing an area of 80.081 acres.

SUBJECT, HOWEVER TO, Easement A (for Access and Utility Purposes). Said easement being more particularly bounded and described as follows:

Beginning at the northeast corner of this easement, the direct azimuth and distance from the southeast corner of Lot 784-A-2-A-1 (Pending) the same being the west corner of Lot 784-A-2-A-2 (Pending) to the point of beginning being 76° 30' 422.54 feet and thence running by azimuths measured clockwise from true South:

1. 346° 30' 483.99 feet along remainder Lot 784-A-2-A-2 (Pending) Land Court
Application 242;
2. 76° 30' 138.95 feet along Fort Weaver Road;
3. 166° 30' 183.00 feet along remainder Lot 784-A-2-A-2 (Pending) Land Court
Application 242;

Thence along remainder Lot 784-A-2-A-2 (Pending) Land Court Application 242 on a curve to the left with a radius of 55.00 feet, the chord azimuth and distance being

4. 130° 55' 64.01 feet;
5. 95° 20' 26.79 feet along remainder Lot 784-A-2-A-2 (Pending) Land Court
Application 242;

Thence along remainder Lot 784-A-2-A-2 (Pending) Land Court Application 242 on a curve to the right with a radius of 50.00 feet, the chord azimuth and distance being

6. 130° 55' 58.19 feet;
7. 166° 30' 94.34 feet along remainder Lot 784-A-2-A-2 (Pending) Land Court
Application 242;
8. 256° 30' 134.94 feet along remainder Lot 784-A-2-A-2 (Pending) Land Court
Application 242;
9. 166° 30' 98.62 feet along remainder Lot 784-A-2-A-2 (Pending) Land Court
Application 242;

10. 256° 30'

100.46 feet along Lot 784-A-2-A-1 (Pending) Land Court Application
242 to the point of beginning containing an area of 77,641
square feet.

Honolulu, Hawaii
July 7, 2020



WALTER P. THOMPSON, INC.

By: John R. K. Akina
Licensed Professional
Land Surveyor 16252
Exp. 4/30/22

Exhibit E



Exhibit B

PHASE 1
ENVIRONMENTAL
SITE
ASSESSMENT

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

DHHL Land Acquisition - NOAA Surplus Land
Former NOAA NWS PTWC Ewa Beach HI Campus
91-270 Fort Weaver Road
Ewa Beach, Oahu, Hawaii
TMK [1] 9-1-001: Parcel 001 (portion)

Prepared For:
Department of Hawaiian Home Lands
P.O. Box 1879
Honolulu, Hawaii 96805

Prepared By:



ENVIROSERVICES & TRAINING CENTER, LLC
505 Ward Avenue, Suite 202
Honolulu, Hawaii 96814
tel: (808) 839-7222

ETC Project No. 20-2014

July 2020

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY.....	1
2.0 INTRODUCTION.....	2
2.1 BACKGROUND.....	2
2.2 PURPOSE.....	3
2.3 SCOPE OF SERVICES.....	3
2.4 SIGNIFICANT ASSUMPTIONS.....	4
2.5 CONDITIONS AND LIMITATIONS.....	4
2.6 USER RELIANCE.....	4
3.0 SITE DESCRIPTION.....	5
3.1 LOCATION AND DESCRIPTION.....	5
3.2 PHYSICAL SETTING.....	5
3.2.1 <i>Site Topography</i>	5
3.2.2 <i>Regional Geology</i>	5
3.2.3 <i>Site Geology</i>	6
3.2.4 <i>Regional Hydrogeology</i>	6
3.2.5 <i>Site Hydrogeology</i>	6
3.2.6 <i>Nearest Surface Water Bodies</i>	7
3.3 CURRENT USES OF THE ADJOINING PROPERTIES.....	7
4.0 USER PROVIDED INFORMATION.....	8
4.1 REQUIRED INFORMATION.....	8
4.1.1 <i>Environmental Liens</i>	8
4.1.2 <i>Activity and Use Limitations</i>	8
4.1.3 <i>Specialized Knowledge</i>	8
4.1.4 <i>Valuation Reduction for Environmental Issues</i>	8
4.1.5 <i>Commonly Known or Reasonably Ascertainable Information</i>	8
4.1.6 <i>Degree of Obviousness of Potential Contamination</i>	8
4.2 OTHER INFORMATION PERTAINING TO THE SUBJECT PROPERTY.....	9
4.2.1 <i>Reason for Performing Phase I ESA</i>	9
4.2.2 <i>Title Records</i>	9
4.2.3 <i>Owner, Property Manager, Current and Former Occupant Information</i>	9
5.0 SUBJECT PROPERTY DOCUMENT REVIEW.....	10
5.1 BGES PHASE I REPORT.....	10
5.2 BUILDING CONDITION SURVEY.....	11
5.3 CERTIFICATE OF TITLE AND OTHER REAL PROPERTY DOCUMENTS.....	11
6.0 RECORDS REVIEW.....	12
6.1 STANDARD ENVIRONMENTAL RECORD SOURCES.....	12
6.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES.....	13
6.3 TIER 1 VAPOR ENCROACHMENT SCREEN.....	13
6.4 HISTORICAL USE INFORMATION ON THE SUBJECT AND ADJOINING PROPERTIES.....	14
6.4.1 <i>Aerial Photograph Review</i>	14
6.4.2 <i>Fire Insurance Maps</i>	14
6.4.3 <i>Historical Topographic Map Review</i>	14
6.4.4 <i>Property Tax Files and Land Title Records</i>	15
6.4.5 <i>Building Permit Records</i>	15
7.0 SITE RECONNAISSANCE.....	16
7.1 METHODOLOGY AND LIMITING CONDITIONS.....	16
7.2 GENERAL SITE SETTING.....	16
7.3 EXTERIOR OBSERVATIONS.....	16
7.4 INTERIOR OBSERVATIONS.....	16
7.5 USTs / ASTs.....	17

7.6	HYDRAULIC AND DIELECTRIC FLUID CONTAINING EQUIPMENT	17
8.0	INTERVIEWS.....	18
9.0	FINDINGS AND OPINIONS.....	19
9.1	SITE DESCRIPTION	19
9.2	USER PROVIDED INFORMATION	19
9.3	DOCUMENT REVIEW	19
9.4	RECORDS REVIEW.....	19
9.4.1	<i>Standard Environmental Record Sources.....</i>	<i>19</i>
	<i>Federal NPL and Delisted NPL.....</i>	<i>19</i>
	<i>Federal CERCLIS and CERCLIS NFRAP.....</i>	<i>19</i>
	<i>Federal RCRA CORRACTS.....</i>	<i>20</i>
	<i>Federal RCRA (non-CORRACTS) TSD Facilities.....</i>	<i>20</i>
	<i>Federal RCRA Generator.....</i>	<i>20</i>
	<i>Federal Institutional Control/Engineering Control Registries.....</i>	<i>20</i>
	<i>Federal ERNS.....</i>	<i>21</i>
	<i>State Equivalent NPL and CERCLIS.....</i>	<i>21</i>
	<i>State Landfill and/or Solid Waste Disposal.....</i>	<i>21</i>
	<i>State Leaking Underground Storage Tanks.....</i>	<i>21</i>
	<i>State Registered Underground Storage Tanks.....</i>	<i>22</i>
	<i>State Institutional Control Registry.....</i>	<i>22</i>
	<i>State Voluntary Cleanup/Response Sites.....</i>	<i>22</i>
	<i>State Brownfields.....</i>	<i>22</i>
	<i>Unmappable/Orphan Sites</i>	<i>22</i>
9.4.2	<i>Additional Environmental Record Sources.....</i>	<i>22</i>
9.4.3	<i>Tier 1 Vapor Encroachment Screen (VES).....</i>	<i>23</i>
9.4.4	<i>Historical Use Information on the Subject and Adjoining Properties.....</i>	<i>23</i>
9.5	SITE RECONNAISSANCE	23
9.6	INTERVIEWS.....	24
10.0	DATA GAPS.....	25
11.0	CONCLUSIONS	26
12.0	ENVIRONMENTAL PROFESSIONAL CERTIFICATION.....	27
13.0	DEVIATIONS AND ADDITIONAL SERVICES.....	28
14.0	REFERENCES.....	29

TABLES

TABLE 1:	ASTM PRACTICE ENVIRONMENTAL RECORD SOURCES	12
TABLE 2:	ASTM PRACTICE E2600-15 ENVIRONMENTAL RECORD SOURCES	13

APPENDICES

APPENDIX I:	FIGURES
APPENDIX II:	PHOTOGRAPHIC DOCUMENTATION
APPENDIX III:	RESEARCH DOCUMENTATION
APPENDIX IV:	REGULATORY RECORDS DOCUMENTATION (EDR RADIUS MAP REPORT)
APPENDIX V:	USER PROVIDED INFORMATION
APPENDIX VI:	QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

1.0 EXECUTIVE SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed by EnviroServices & Training Center, LLC (ETC) in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E1527-13. This Phase I ESA was completed for the State of Hawaii, Department of Hawaiian Home Lands (DHHL) for the property located at 91-270 Fort Weaver Road in Ewa Beach, Hawaii herein referred to as the Subject Property. The Subject Property is identified by Tax Map Key (TMK) identification number [1] 9-1-001: Parcel 001 (portion). Review of tax records indicated that the Subject Property is currently owned by the United States of America/US Naval Reservation.

The Subject Property consists of approximately 80-acres of partially developed land located in the southwest portion of Oahu, (Appendix I, Figure 1). As part of the Phase I ESA, ETC performed a visual observation on June 10, 2020, for the use and/or storage of hazardous materials and/or hazardous waste. ETC noted a minimal amount of solid waste including tires, wood, and miscellaneous trash along the west portion of the Subject Property. Six pole-mounted transformers were observed on the Subject Property without evidence of a release. Limited quantities of chemicals commonly associated with landscaping was noted within the garage area of a former residence located on the south portion of the Subject Property. No material mishandling or evidence of the generation or improper disposal of hazardous waste was noted in connection with the site reconnaissance observations and as such no recognized environmental conditions (RECs) were indicated for the Subject Property.

The Subject Property was not identified by ETC's contracted database search. The contracted database search identified one Federal NPL Site, one Federal CERCLIS site, one State Hazardous Waste Site (SHWS), one Underground Storage Tank (UST) site, and four leaking UST sites within the specified radii. File review findings and/or distance and direction from the Subject Property indicated that none of these facilities were obvious RECs for the Subject Property.

ETC reviewed environmental reports, historical records, site maps, real property documents, and User provided information. Records review indicates the Subject Property was undeveloped until the 1950's after which the site was used for residential housing and administrative buildings used by one or more past governmental agencies including: The National Oceanic and Atmospheric Administration (NOAA), National Weather Service (NWS), Pacific Tsunami Warning Center (PTWC), United State Geological Survey (USGS) and the University of Hawaii (UH). Onsite buildings were reportedly connected to cesspools before county service in 1996.

In summary, ETC performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 on the Subject Property. This assessment revealed there is no evidence of RECs in connection with the Subject Property.

2.0 INTRODUCTION

EnviroServices & Training Center, LLC (ETC) was contracted by the State of Hawaii, Department of Hawaiian Home Lands (DHHL) (User), to complete a Phase I Environmental Site Assessment (ESA) for the property located at 91-270 Fort Weaver Road in Ewa Beach, Hawaii herein referred to as the Subject Property. The Subject Property is identified by Tax Map Key (TMK) identification number [1] 9-1-001: Parcel 001 (portion).

This Phase I ESA was performed in accordance with the American ASTM International (ASTM) Standard E1527-13 entitled *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (referred to herein as the ASTM Practice). The ASTM Practice is intended for use by parties who wish to assess the environmental condition of commercial real estate with respect to contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and petroleum products. The ASTM Practice is designed to satisfy ‘all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice’ as defined in 42 United States Code (U.S.C.) §9601(35)(B).

2.1 Background

Under CERCLA, persons may be held liable to clean up hazardous substances at properties that they either currently own or operate, or owned or operated at the time of disposal. Strict liability in the context of CERCLA means that a potentially responsible party may be liable for environmental contamination based solely on property ownership and without regard to fault or negligence.

In 1986, the Superfund Amendments and Reauthorization Act (SARA) amended CERCLA by creating an “innocent landowner” defense to CERCLA liability for those persons who could successfully demonstrate, among other requirements, that they “did not know and had no reason to know” prior to purchasing the property that any hazardous substance that is the subject of a release or threatened release was disposed of on, in, or at the property. Such persons, to demonstrate that they had “no reason to know” must have undertaken, prior to, or on the date of acquisition of the property, “all appropriate inquiries” into the previous ownership and uses of the property consistent with good commercial or customary standards and practices.

The Small Business Liability Relief and Brownfields Revitalization Act (referred to as “the Brownfields Amendments”) was enacted in January 2002 to amend CERCLA. These amendments provide funds to assess and clean up Brownfields sites, clarify CERCLA liability provisions for certain landowners, and provide funding to enhance state and tribal cleanup programs.

Subtitle B of Title II of the Brownfields Amendments revised CERCLA, and clarifies the requirements necessary to establish the innocent landowner defense. The Brownfield Amendments also added protections from CERCLA liability for “bona fide prospective purchasers” and “contiguous property owners” who meet certain statutory requirements. Each of the CERCLA liability provisions for innocent landowners, bona fide prospective purchasers, and contiguous property owners (referred to collectively as “landowner liability protections,” or LLPs) requires that persons claiming the liability protections conduct all appropriate inquiries into prior ownership and use of a property prior to or on the date a person acquires a property.

A key provision of the Brownfield Amendments finalized regulations setting federal standards for the conduct of all appropriate inquiries. The federal standards were promulgated in the *Standards and Practices for All Appropriate Inquiries(AAI), Final Rule, 40 CFR Part 312*, referred to as the AAI Final Rule.

Section 312.11 of the AAI Final Rule indicates that the ASTM International Standard E1527-05/13, entitled *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, may be used to comply with the requirements set forth in Sections 312.23 through 312.31 of the AAI Final Rule. Therefore, this Phase I ESA was performed in conformance with the ASTM International Standard E1527-13.

2.2 Purpose

The purpose and goal of this Phase I ESA is to conduct an inquiry to identify recognized environmental conditions in connection with the Subject Property, to the extent feasible pursuant to the process described in the ASTM Practice. The term recognized environmental condition (REC) is defined as:

“the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.”

As defined in the ASTM Practice, for the purposes of this Phase I ESA, the term “migrate” or “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface (ASTM, 2013).

2.3 Scope of Services

The scope of work included the following tasks.

- Develop a site description for the Subject Property including background, physical characteristics, and historical site conditions.
- Evaluate user provided information including but not limited to environmental liens, activity and use limitations, specialized knowledge, valuation reduction of environmental issues, and other information pertaining to the property.
- Evaluate information in programs such as NPL, CERCLIS, FINDS, ERNS, RCRA notifiers, and other governmental information systems within specific radii of the property to identify sites that would have the potential to impact the property;
- Conduct a visual site reconnaissance from publicly accessible areas detailing the current property and adjacent property conditions.
- Provide a visual evaluation of the adjacent properties to identify high-risk neighbors, and the potential for a chemical to migrate onto the property;

- Conduct interviews with owner(s), site manager(s), occupant(s), local government official(s), and/or other individuals with past and prior use history of the property, if available.
- Conduct a Tier 1 Vapor Encroachment Screening for the subject property in conformance with the ASTM Practice E2600-15.
- Complete a written report detailing the Phase I ESA findings and conclusions.
- Document supporting information including maps, site photographs, regulatory records, and interview(s).

2.4 Significant Assumptions

This Phase I ESA is limited by the availability of information at the time of the assessment. Interviews were conducted and interviewee's responses were assumed as answered in good faith, to the extent of his/her actual knowledge.

Since no hydrogeological data was available for the Subject Property, groundwater was assumed to flow in the direction of the surface topography of the Subject Property and surrounding areas.

2.5 Conditions and Limitations

ETC completed this Phase I ESA for the Subject Property in accordance with the scope and limitations of ASTM Practice E1527-13. ETC's findings and conclusions contained herein are professional opinions based solely upon visual observations, interviews, and interpretation of the historical information and documents available to ETC at the time this Phase I ESA was conducted. Opinions stated in this report do not apply to changes that occur after services were performed.

ETC performed the specified services for this project with the degree of care, skill and diligence ordinarily exercised by professional consultants performing the same or similar services. No other warranty, guarantee, or representation, expressed or implied, is included or intended; unless otherwise specifically agreed to in writing by both ETC and ETC's Client.

2.6 User Reliance

This report is intended for the sole use of ETC's Client and User, exclusively for the Subject Property indicated. ETC's Client may use and release this report, including making and retaining copies, provided such use is limited to the particular site and project for which this report is provided. However, the services performed may not be appropriate to satisfy the needs of other users. Release of this report to third-parties is at the sole risk of the said user(s), and ETC is not liable for any claims or damages resulting from or connected with such release or any third party's use or reuse of this report.

3.0 SITE DESCRIPTION

3.1 Location and Description

The Subject Property consists of approximately 80-acres of improved land located in Ewa Beach, Hawaii on the southwest portion of the island of Oahu (Appendix I, Figure 1). The Subject Property is identified as TMK identification number [1] 9-1-001: Parcel 001 (portion).

3.2 Physical Setting

Approximately 80% of the Subject Property is undeveloped and densely vegetated. Five residential buildings, one administration building and one annex building are located along the south-central border of the Subject Property. The developed area includes an asphalt driveway, lawns, landscaped areas and dirt roads. A well house is located on the southeastern corner of the Subject Property.

The Subject Property is relatively flat with a slight southern gradient. An aerial site plan map and building site plan maps are included as Appendix I, Figure 2 and 3, respectively. Photographic documentation of ETC's site reconnaissance is included in Appendix II.

3.2.1 Site Topography

Topographic map coverage of the Subject Property and surrounding areas is provided by the United States Geological Survey, Island of Oahu, Hawaii, 7.5-minute Series, Pearl Harbor Quadrangle, 2013. The elevation of the Subject Property is approximately 3 to 13 feet above mean sea level (msl).

3.2.2 Regional Geology

Oahu is formed by the erosional remnants of two shield volcanoes. These are the Waianae range to the west and the Koolau range to the east. The Waianae volcano is estimated to have formed 2.4 to 3.6 million years before present. It consists of a tholeiitic lava shield with a thick cap of transitional to alkalic rock. Rejuvenation-stage volcanic of undifferentiated age occurs in Kolekole Pass and on the south flank of the Waianae shield. Dike orientations define northwest and southwest rift zones (Macdonald, et al., 1983).

The Koolau volcano is estimated to have formed 1.8 to 2.6 million years before the present (Macdonald, et al., 1983). It consists of a tholeiitic lava shield and lacks an alkalic cap. It has well defined major dike complex trending northwest-southwest. A third, minor rift zone referred to as the Kaau rift trends southward from Kaau crater, near the upland crest of the Koolau Ridge. After a long dormant period and periods of deep erosion, the Koolau volcano developed abundant and scattered rejuvenation-stage vents, typically aligned on northeast-striking fissures (Macdonald, et al., 1983).

3.2.3 Site Geology

The soil at the site is identified as Coral Outcrop (CR), which consists of coral or cemented calcareous sand on the island of Oahu. Coral outcrop is geographically associated with Jaucas, Keaau, and Mokuleia soils. Elevations range from sea level to 100 feet. The annual rainfall amounts to 18 to 40 inches. This land type is used for military installations, quarries, and urban development. Vegetation is usually sparse and consists of kiawe, koa hoale, and fingergrass (USDA, 1972).

3.2.4 Regional Hydrogeology

The primary drinking water in the Hawaiian Islands is drawn from basal groundwater. Basal groundwater is formed by rainwater percolating down through the residual soils and permeable volcanic rock. The portion of the island situated below sea level is saturated with ocean salt water, except within rift zones of the volcanoes where fresh water forms a basal lens called the “Ghyben-Herzberg” lens. A zone of transition between the fresh groundwater and the ocean salt water occurs due to the constant movement of the interface as a result of tidal fluctuations, seasonal fluctuations in recharge and discharge and aquifer development (Macdonald et al., 1983).

Groundwater aquifers in Hawaii occur under two principal conditions at high altitudes above sea level: perched and dike-impounded. Downward percolation of rainwater may be impeded by low permeability materials such as dense volcanic sediments, alluvial clay, and volcanic ash, which can cause the formation of a perched aquifer. A dike-impounded aquifer results from steeply dipping volcanic dikes serving as a barrier, sequestering water into compartments and reservoirs of impermeable lavas. Recharge of freshwater aquifers occurs in areas of high rainfall, which are the interior mountainous areas. The groundwater flows from the recharge areas to the areas of discharge along the shoreline. Frictional resistance to groundwater flow causes it to pile up within the island until it attains sufficient hydraulic head to overcome friction. Thus, basal groundwater tends to slope toward the shoreline (Nichols et al., 1996).

3.2.5 Site Hydrogeology

The site is underlain by the Waipahu Aquifer System, which is part of the Pearl Harbor Aquifer Sector on the island of Oahu. The aquifer is classified by Mink and Lau, 1990, with the system identification number 30203116 (12211). The system includes an unconfined, basal aquifer in sedimentary nonvolcanic lithology. The groundwater in this aquifer is described as being a currently used and ecologically important with a low salinity (250-1,000 mg/l Cl⁻). The groundwater is further described as irreplaceable with a high vulnerability to contamination (Mink and Lau, 1990).

The site is further underlain by a second aquifer of the same system. The aquifer is classified by Mink and Lau, 1990, with the system identification number 30203121 (12212). The system includes a confined, basal aquifer in flank compartments. The groundwater in this aquifer is described as being a currently used and ecologically important with a low salinity (250-1,000 mg/l Cl⁻). The groundwater is further described as irreplaceable with a moderate vulnerability to contamination (Mink and Lau, 1990).

3.2.6 Nearest Surface Water Bodies

The nearest surface water body is the Pacific Ocean located approximately 580-feet south of the Subject Property. The entrance to Pearl Harbor is approximately 1.5 miles east to northeast of the Subject Property.

3.3 Current Uses of the Adjoining Properties

ETC visually inspected the neighboring properties and their operations from the Subject Property and publicly accessible areas. The Subject Property is bordered to the north by several building structures, scientific monitoring and observation equipment formerly operated and/or occupied by National Oceanic and Atmospheric Administration (NOAA), National Weather Service (NWS), and the Pacific Tsunami Warning Center (PTWC). The Subject Property is also bordered to the north by undeveloped land and North Road. The Subject Property is bordered to the northeast by Ewa Beach Golf Course and Ewa Beach Park is near the southeast corner. Primarily single-family residences are present immediately northwest and west of the Subject Property. Fort Weaver Road is immediately south, beyond which are residences and the Pacific Ocean. Other areas in the vicinity of the Subject Property include primarily residences and includes the Hawaii Prince Golf Course, a military gun range and undeveloped land.

4.0 USER PROVIDED INFORMATION

This section is intended to provide information obtained from the user of this Phase I ESA that will help identify RECs associated with the Subject Property. The information provided does not require the user to have the technical expertise of an environmental professional and are generally not provided by the environmental professional performing the Phase I ESA.

4.1 Required Information

In order to qualify for one of the LLPs offered by the Brownfields Amendments, the user must provide certain information about the site (if available) to the environmental professional. Failure to provide this information could result in a determination that “all appropriate inquiry” is not complete. Mr. Darrell Ing, Real Estate Development Specialist, DHHL (“user”), provided ETC with the information in the following subsections.

4.1.1 Environmental Liens

The User did not have any information pertaining to any environmental liens or governmental notifications relating to past or recurrent violations of environmental laws with respect to the Subject Property.

4.1.2 Activity and Use Limitations

The User indicated that there are no activity or land use restrictions on the Subject Property, such as engineering controls, institutional controls, etc., filed or recorded in a registry under federal, tribal, state or local law.

4.1.3 Specialized Knowledge

The User noted that former occupants included NOAA, NWS, PTWC and Ewa Beach Hawaii Campus. Current property use is by NOAA and NWS, although offices, housing and storage areas are currently unused. The User did not have any additional specialized knowledge or experience related to the Subject Property or nearby properties.

4.1.4 Valuation Reduction for Environmental Issues

The User indicated that the purchase price for the property reflects the fair market value without regard to any possible contamination at the time of purchase.

4.1.5 Commonly Known or Reasonably Ascertainable Information

The User indicated that the Subject Property was historically used by the US NOAA Honolulu Magnetic Survey. Otherwise the User indicated no additional commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of releases or threatened releases.

4.1.6 Degree of Obviousness of Potential Contamination

The User did not have any additional knowledge of any obvious indicators that point to the presence or likely presence of contamination at the Subject Property based on their knowledge and/or experience related to the Subject Property.

4.2 Other Information Pertaining to the Subject Property

4.2.1 Reason for Performing Phase I ESA

This Phase I ESA was conducted to fulfill the User's due diligence requirements regarding the potential purchase of the Subject Property.

4.2.2 Title Records

Title records/documents were provided by the User which are discussed in Section 5.3. In addition, ETC conducted a limited land title search, which is documented in Section 6.4.4.

4.2.3 Owner, Property Manager, Current and Former Occupant Information

Subject Property Owner: Mr. Tamas Doszkocs from GSA

Subject Property Manager: Mr. Wesley Lum, NOAA Facility Engineering Branch Chief.

Former Occupants: NOAA, NWS, PTWC and Ewa Beach Hawaii Campus.

Current Occupants: Current property use is by NOAA and NWS, although offices, housing and storage areas are currently unused.

5.0 SUBJECT PROPERTY DOCUMENT REVIEW

ETC reviewed environmental reports, documents, and correspondence pertaining to the Subject Property. These documents were provided by the Client (DHHL). The following is a summary of selected documents that were provided:

5.1 BGES Phase I Report

BGES, Inc. Environmental Consultants (BGES) conducted a Phase I Site Assessment (ESA) between March and July of 2015 which included 175-acres and was inclusive of the Subject Property. The ESA was conducted for the owner, NOAA, who was in the process of relocating. Several government agencies conducted operations at the site including the NWS, PTWC, USGS and UH. The site was obtained in 1949 by the U.S. Navy for the Department of Commerce who operated a “magnetic observatory.”

At the time of the ESA the 175-acre site included 16 structures, 2 asphalt parking lots, paved and unpaved driveways and walking paths, and densely vegetated areas. The structures were used for employee housing, offices, electronic shops, various magnetic buildings, microwave receiver room and a well house. Most of the buildings were built in 1961, with the most recent constructed in 2005.

Four wells were identified as potentially located on the 175-acre site. One well was owned by the USGS, one by NOAA and two by the University of Hawaii Geophysical Department. One well was reported north of onsite Building No. 14 and three were located near the southeast corner of the site (Subject Property). The wells were reportedly used for scientific purposes and/or as water wells.

The ESA referred to a 1993 “Environmental Project Prospectus” that indicated several structures had been connected to cesspools prior to connection to county sanitary services in 1996. The ESA further stated that since the site was underlain by coral formations, septic tanks and leach fields were impractical. Public water was reportedly connected to the site in 1978.

Miscellaneous debris piles and abandoned vehicles were also observed on the 175-acre site. The past operations included monitoring, reporting, and forecasting weather conditions, seismic events and tsunamis.

BGES identified a single REC for the larger parcel, which included the potential for leaking fuel from underground pipelines associated with a 250-gallon diesel ConVault, aboveground storage tank (AST) installed in 1988. This AST was north of the annex building (Building No 15). Subsurface lines were reportedly connected to the generator in the nearby Electronics Building (referenced as Building No. 6) located about 20 feet to the northwest. The ESA reported about 15-foot of subsurface fuel lines in this area without an indication of secondary containment. This AST, fuel lines and electronic building are located adjacent north of the Subject Property.

It was unknown if other fuel tanks had been located on the 175-acre site. The ESA interview section referenced a potential upgrade of an “emergency power generator unit” in 1979 to an electronics shop where a generator was observed during the ESA in 2015 near the diesel AST. During the upgrade, an existing generator was reported in the “AWIPS building,” referenced as Building No. 7. No other reference or research was indicated about the upgrade or presence of fuel tanks prior to 1988.

An interview with a US Fish and Wildlife representative indicated neighbors had accessed the site for “farming and target practice,” although no further research or evidence of such was noted.

Based on a database review of surrounding site, BGES did not identify any offsite facilities as RECs to the Subject Site.

5.2 Building Condition Survey

The Client provided a summary document of building construction and miscellaneous facilities. Five of the seven onsite buildings were constructed as residences, one as a modular annex (double wide trailer) and one as an administration building. Most structures were noted to be 55-years old and one (Residence No. 5) was noted as 18 years old as of 2016. A well house (Building No. 16) was also listed in the southeast corner of the Subject Property. This well was “slated” to be destroyed as it was unused for many years. No construction date was given for the well house. A 250-gallon ConVault (above ground storage tank) and diesel-powered generator were also listed and are adjacent north of the Subject Property.

5.3 Certificate of Title and Other Real Property Documents

A Certificate of Title was provided by the Client from the District Public Works Office, Fourteenth Naval District, dated November 1959. This title indicated the transfer of 175-acres at Puuloa, Ewa to the Department of Commerce for use by Coast and Geodetic Survey. An attached parcel map indicated the parcel inclusive of the Subject Property was on Lot 784-A-2. The Subject Property is approximately 80-acres of the 175-acres along the original southern and eastern borders. The provided documents included intent for operations of the Honolulu Magnetic Observatory and a seismograph station onto the 175-acre parcel.

6.0 RECORDS REVIEW

6.1 Standard Environmental Record Sources

To obtain information concerning RECs at or near the Subject Property, ETC contracted Environmental Data Resources, Inc. (EDR) to conduct an environmental database search. EDR is a company that specializes in the review of public regulatory environmental databases. The regulatory agency report provided (Appendix IV) is based on an evaluation of the data collected and compiled by a contracted data research company.

The radius search report focused on the Subject Property and adjacent properties that may impact the Subject Property. Adjacent properties listed in governmental environmental records are identified within a specific search radius. The search radius varies depending on the particular record being researched. The search is designed to meet the requirements of the current industry approach as described in ASTM Practice E1527-13. The information provided is assumed to be correct and complete, unless noted otherwise. In addition, ETC also manually searched the DOH databases for the Subject Property. Table 1 below provides a summary of database findings.

Table 1: ASTM Practice Environmental Record Sources

Environmental Database Sources	Search Distances (miles)	Subject Property	Off-Site Facilities
Federal NPL Site List	1.0	No	1
Federal Delisted NPL Sites	0.5	No	0
Federal CERCLIS List	0.5	No	1
Federal CERCLIS NFRAP Site List	0.5	No	0
Federal RCRA CORRACTS Facilities List	1.0	No	0
Federal RCRA non-CORRACTS TSD Facilities List	0.5	No	0
Federal RCRA Generators List	Subject Property and adjoining properties	No	0
Federal Institutional Control/Engineering Control Registries	Subject Property only	No	NA
Federal ERNS List	Subject Property only	No	NA
State-Equivalent NPL/CERCLIS	1.0	No	1
State Landfill and/or Solid Waste Disposal Site Lists	0.5	No	0
State Leaking UST List	0.5	No	4
State Registered UST List	Subject Property and adjoining properties	No	1
State Institutional Control Registry	Subject Property only	No	NA
State Voluntary Cleanup/Response (VCP/VRP) Sites	0.5	No	0
State Brownfields Sites	0.5	No	0

6.2 Additional Environmental Record Sources

The EDR database included a number of other regulatory databases that are not specified by the ASTM Practice. The Subject Property was not identified on any of the additional environmental databases.

6.3 Tier 1 Vapor Encroachment Screen

ETC conducted a Tier 1 Vapor Encroachment Screen (VES) for the Subject Property. The Tier 1 VES was conducted in conformance with the scope and limitations of ASTM Practice E2600-15.

The purpose and goal of a Tier 1 VES is to conduct an inquiry to identify whether a vapor encroachment condition (VEC) exists on the Subject Property. The term vapor encroachment condition is defined as the “presence or likely presence of chemical(s) of concern (COC) vapors in the subsurface of the target property caused by the release of vapors from contaminated soil or groundwater or both, either on or near the target property as identified by a Tier 1 or Tier 2 screen.”

To obtain information concerning VECs at or near the Subject Property, ETC contracted EDR to conduct the VES. A VES is a radius search report that focuses on the Subject Property and adjacent properties that may impact the Subject Property. The search radius varies depending on the particular record researched. The search is designed to meet the recommended search radii described in ASTM Practice E2600-15. Table 2 below provides a summary of VES findings.

Table 2: ASTM Practice E2600-15 Environmental Record Sources

Environmental Database Sources	Search Distances (miles)	Subject Property	Off-Site Facilities
Federal NPL Site List	1/3	No	1
Federal CERCLIS List	1/3	No	1
Federal RCRA CORRACTS Facilities List	1/3	No	0
Federal RCRA non-CORRACTS TSD Facilities List	1/3	No	0
Federal RCRA Generators List	Subject Property only	No	NA
Federal Institutional Control/Engineering Control Registries	Subject Property only	No	NA
Federal ERNS List	Subject Property only	No	NA
State-Equivalent NPL/CERCLIS	1/3	No	1
State Landfill and/or Solid Waste Disposal Site Lists	1/3	No	0
State Leaking UST List	1/3	No	1
State Registered UST List	Subject Property only	No	NA
State Institutional Control/Engineering Control Registries	Subject Property only	No	NA
State Voluntary Cleanup/Response (VCP/VRP) Sites	1/3	No	0
State Brownfields Sites	1/3	No	0

6.4 Historical Use Information on the Subject and Adjoining Properties

Historical uses of the Subject Property and adjoining properties were investigated through the review of documentation available from public land records and State of Hawaii archived information. In addition, available aerial photographs, plat maps, Sanborn maps, building permits, and city directories were reviewed.

6.4.1 Aerial Photograph Review

Aerial photographs from the EDR Aerial Photo Decade Package were reviewed. A total of four aerial photographs were found that included the Subject Property. The photographs were dated 1976, 1992, 2000, and 2007.

In the 1976 aerial photograph, the majority of the site area is undeveloped. Approximately six residential structures were present with associated roadways, lawn and landscaped areas in the south-central portion of the site. Improved roads are noted adjacent to the southern and northwest property boundaries. Undeveloped vegetated areas are noted adjacent east of the site. Residential developments are noted to the north, east and south of the site. Industrial areas are noted in outlying areas to the east.

In the 1992 aerial photograph, the site features present appear similar to the 1976 aerial photograph. However, the southern portion of the site is not shown and is cut off. The adjacent property to the northeast is a golf course. No significant changes were noted in the 2000 aerial photograph. In the 2007 aerial photograph additional structures and indiscernible structures are located in the south-central building area where vegetation has been cleared.

6.4.2 Fire Insurance Maps

ETC contracted EDR to conduct a search for Sanborn fire insurance maps of the Subject Property. There were no Sanborn maps available for the Subject Property.

6.4.3 Historical Topographic Map Review

ETC contracted EDR to conduct a search of historic USGS topographic maps for the Subject Property. A total of nine topographic maps were provided that included the Subject Property. These maps were dated 1930, 1953, 1954, 1959, 1968, 1970, 1983, 1999, and 2013.

In the 1930 topographic map, the Subject Property is mostly undeveloped with the exception of a windmill in the southeast portion and three unimproved northeast trending roadways transecting a single roadway. The roadways extend offsite. An apparent stream also transects the northern portion of the site. A road is located along the southern border, beyond which are two tanks near Ewa Beach. Outlying areas are mostly undeveloped except for industrial development to the east including railroads, tanks and salt ponds. Other windmills are located to the west.

In the 1953 topographic map, prior onsite features discussed in the 1930 topographic map are no longer depicted. Increasing development is noted in adjacent and outlying areas. Fort Weaver Road is located along the southern boundary, beyond which are numerous residences. Tanks are no longer depicted near Ewa Beach as noted in 1930. Puuloa Beach Park is noted near the southeastern corner of the site. Immediately adjacent areas are undeveloped to the east, north and west, except North Road trends northeast along the northwest site boundary. A Naval Reservation is noted further to the east including a rifle range. A "CAA Reservation" and borrow

pit are located northeast of the site. The 1954 topographic map of the site is similar to the 1953 map.

In the 1959 topographic map, the site is labeled as the “Honolulu Observatory (USC & GS).” Six structures and roadways are present along the south-central portion of the site near Fort Weaver Road. Increasing residential development and a school are noted in outlying areas.

In the 1968 topographic map, the site features are similar to the 1959 topographic map, with the exception of four additional structures and additional roadways noted adjacent to the north of the Subject Property. The Subject Property is still labeled as an observatory. Additional schools are noted to the west and Puuloa Beach Park is now Ewa Beach Park. Site features remain the same in the 1970 topographic map, although the site is no longer labeled.

In the 1983 topographic map, the site features are similar to 1970 topographic map, but the site is now labeled as the “Pacific Tsunami Warning Center.” Increasing residential development was noted north of the site. The site features in the 1999 topographic map are similar and the adjacent area to the east is now a golf course with several water features.

In the 2013 topographic map, no previously mentioned site features are present and the site is labeled as the Honolulu Observatory. No significant changes were noted in adjacent and outlying areas.

6.4.4 Property Tax Files and Land Title Records

ETC conducted a limited chain of title search for the Subject Property at the Honolulu County Property Tax office. ETC is not a professional title search company and does not warrant the completeness or accuracy of the information provided, but considers the data useful in screening the Subject Property for environmentally suspect owners or lessees.

ETC reviewed property records for TMK 910010010000 which includes approximately 700-acres of which the Subject Property is a part (approximately 80-acres). The records indicate a transfer of certificate of title (Order of Condemnation) from Chun Hoon, Ltd., Dowsett Co., Ltd. Ernest C Gray, Henry W. Dietz to The United States of America/US Naval Reservation in February of 1944. The property has been owned by The United States of America/US Naval Reservation since that time.

6.4.5 Building Permit Records

ETC reviewed available building permits issued by the City and County of Honolulu. Two permits were found which may or may not be on the Subject Parcel. Permit No. 103326, dated January of 1953, indicated an addition to an existing single-family residence. Permit No. 32230 indicated that in July of 1966, Hawaiian Telephone company added an addition to a generator room with occupancy listed for the transmitter building. The noted Lot No. was 784/K-3. Otherwise no building permits were observed which may have been issued for the Subject Property.

7.0 SITE RECONNAISSANCE

To complete a visual survey and identify the use and/or storage of hazardous materials, ETC performed a site reconnaissance on June 10, 2020.

7.1 Methodology and Limiting Conditions

The north and east portions of the Subject Property included inaccessible terrain and dense vegetation consisting primarily of Kiawe trees or similar vegetation. In addition, the interior area of the apparent well house structure was not accessible at the time of ETC's site reconnaissance activities. As such, these areas were not included in ETC's site reconnaissance activities. These areas were observed from the boundaries of the Subject Property. There were no other limiting conditions imposed by physical obstructions i.e. adjacent buildings, bodies of water.

7.2 General Site Setting

The Subject Property was developed with five former employee residences (Buildings 1 through 4 and 14), administration building (Building No. 5), annex building (Building 15), and apparent well house (Building 16). The Subject Property was observed to be vacant with no apparent usage. A site plan of the Subject Property is included in Appendix I, Figure 2. Photographic documentation of ETC's site reconnaissance is included in Appendix II.

7.3 Exterior Observations

Visual inspection of the exterior areas of the Subject Property indicated that with the exception of the developed area of Subject Property, the groundcover primarily consisted of dense vegetation. The developed area of the Subject Property consisted of landscaped vegetation, concrete walkways, and asphalt driveways/parking.

The Subject Property is bound by a fire break road along the north, east, and south borders of the Subject Property, which is maintained by NOAA. The fire break road is bounded by a chain-linked fence which is situated along the Subject Property border. Although unauthorized public access to the Subject Property is limited; a minimal amount of apparent solid waste was observed on the west portion of the Subject Property. Specifically, ETC noted apparent tires, wood, trash, etc. along the westernmost border of the Subject Property. In addition, apparent gardens and chicken coops were observed along the west portion of the Subject Property. These observations appeared to be unauthorized encroachments from the adjacent residential development. No active releases or evidence of past releases were observed in connection with these encroachments or solid waste. No evidence of the generation, storage or disposal of hazardous or regulated wastes was observed on the exterior areas of the Subject Property.

7.4 Interior Observations

Visual inspection was conducted within the interior areas of the five former employee residences, administration building, and annex building. Limited quantities of chemicals commonly associated with landscaping (e.g. Round-up, etc.) were observed within the garage area of one of the former employee residences (i.e. Building 2). All of the observed materials appeared to be stored in the original, sealed containers with no evidence of significant spills or releases. No other evidence of hazardous materials or petroleum staining was observed within the interior areas

of the Subject Property.

Limited quantities of miscellaneous solid waste (i.e. trash, defunct equipment, old files, etc.) was observed throughout the interior areas of the Subject Property. No material mishandling or evidence of the generation or improper disposal of hazardous waste was observed in interior areas. Observed drains were limited to the kitchen and bathroom reportedly discharge to the country sewer system.

7.5 USTs / ASTs

A visual inspection for the presence of underground storage tanks (USTs) or aboveground storage tanks (ASTs) was also conducted. No visual evidence (i.e. vent or fill pipes, dispensers, etc.) of the presence of USTs was observed. A diesel fuel AST was observed on the north adjacent property, near the north border of the Subject Property and north of the administration building. The AST appeared to be in good condition with no evidence of a release.

7.6 Hydraulic and Dielectric Fluid Containing Equipment

A visual inspection for hydraulic and electrical equipment or electrical components that use fluid that may contain PCBs was conducted. A total of six pole mounted transformers were observed on the Subject Property. The six pole mounted transformers appeared to be in good condition with no indications of a release. No other suspect PCB-containing equipment was observed on the Subject Property.

8.0 INTERVIEWS

The objective of performing interviews is to obtain information from past and present owners, operators, and occupants of the Subject Property to identify potential REC in connection with the Subject Property.

Mr. Wesley Lum, NWS PRH Facility Engineer Chief, provided ETC with the following information regarding the Subject Property:

- Mr. Lum's knowledge of the site dates back approximately 11 years.
- Onsite facility operations began in approximately 1956, with residential buildings built in 1960. Building No. 5 was built in 1998. Prior use of the site is unknown.
- There are no known drains or sumps except in bathrooms.
- Potable water or sewer services are provided by the county.
- There are no known permits from government agencies for site operations.
- There are no AST or USTs on the site. A diesel AST and associated generator are located adjacent north of the site.
- Pole-mounted transformers are located onsite. Mr. Lum does not know who owns them or if they contain PCBs.
- There has been no known usage of any hazardous materials such as acids, bases, solvents, cleansers, degreasers, oil/lubricants, paint, heavy metals etc., on the Subject Property.
- There has been no known burying of any waste or rubbish on the Subject Property.
- There are no known current or former pits, ponds, or lagoons located on the Subject Property in connection with waste treatment or disposal.
- There are no known waste chemical pipelines or vent or fill pipes on the Subject Property.
- There are and have been no damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than 5-gallons or 50-gallons in the aggregate, stored on the Subject Property. Mr. Lum did state that miscellaneous municipal type rubbish has been present onsite.
- There are no known environmental liens or governmental notifications relating to past or recurrent violations of environmental laws with respect to the Subject Property.
- The Subject Property and adjoining properties are not used as a gasoline station, dry cleaner, printing facility, photo developing, landfill, waste TSDF, or recycling facility.
- There are no known current or past issues with runoff from adjacent properties onto the Subject Property.

9.0 FINDINGS AND OPINIONS

9.1 Site Description

No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

9.2 User Provided Information

No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

9.3 Document Review

No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

9.4 Records Review

9.4.1 Standard Environmental Record Sources

Federal NPL and Delisted NPL

The National Priorities List (NPL) is the Environmental Protection Agency's (EPA) database of uncontrolled or abandoned hazardous waste properties, which are considered to pose an immediate threat to human health and the environment. These properties are identified for priority remedial response actions under the Superfund Program. The Subject Property was not identified as a NPL site, or a delisted NPL site. The database identified one NPL site within a 1-mile radius of the Subject Property. No delisted NPL sites were identified within a 0.5-mile radius of the Subject Property.

The *Pearl Harbor Naval Complex* NPL site is located approximately 0.13-mile east of the Subject Property. Database review and Superfund review of the *Pearl Harbor Naval Complex* NPL facility indicated that site investigations and/or cleanup efforts have been ongoing since 1994. The facility includes approximately 12,600 acres of land currently or formerly occupied by the military. Although site investigation and cleanup is currently ongoing, the mapped NPL area is located cross-gradient and more than 600-feet from the Subject Property. Based on this information, the database identified NPL site is not anticipated to pose a reasonable risk of impacting the Subject Property. As such, no significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

Federal CERCLIS and CERCLIS NFRAP

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database contains information on various aspects of potentially uncontrolled or abandoned hazardous waste properties from initial screening and assessment phases listed in the NPL. The Subject Property was not identified as an active CERCLIS site or a CERCLIS No Further Remedial Action Planned (NFRAP) site. The database search identified one active

CERCLIS site (*Pearl Harbor Naval Complex*) and no CERCLIS NFRAP sites within specified radii. The *Pearl Harbor Naval Complex* site was discussed as part of the Federal NPL and Delisted NPL section, and therefore will not be repeated here. No other significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

Federal RCRA CORRACTS

The RCRA Corrective Action Sites (CORRACTS) database contains Resource Conservation Recovery Information System (RCRIS) sites with reported corrective action. The Subject Property was not identified as a CORRACTS facility, and the database search did not identify any CORRACTS sites within a 1-mile radius of the Subject Property. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

Federal RCRA (non-CORRACTS) TSD Facilities

The EPA's RCRA program identifies and tracks hazardous waste from the point of generation to the point of final disposal. The RCRA Treatment, Storage, or Disposal (TSD) facility database compiles data from reporting facilities that treat, store, or dispose of hazardous waste. The Subject Property was not identified as a RCRA TSD facility. The database search did not identify any RCRA TSD facilities within a 0.5-mile radius of the Subject Property. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

Federal RCRA Generator

The RCRA Generator database is a compilation by EPA's RCRIS of regulated facilities that generate hazardous waste. The Subject Property was not identified as a RCRA generator facility. Additionally, the contracted database search did not identify any RCRA generator facilities located on potentially adjoining properties with respect to the Subject Property. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

Federal Institutional Control/Engineering Control Registries

Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on a site. The EPA Institutional Control and Engineering Control registry maintains a list of sites with institutional or engineering controls in place. The Subject Property was not identified as having institutional and/or engineering controls in place. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

Federal ERNS

The Emergency Response Notification System (ERNS) tracks the initial notification of reported oil and hazardous material spills. The database contains information regarding the discharger, release date, material, amount released, incident location, and release action taken. The Subject Property was not identified as an ERNS facility. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

State Equivalent NPL and CERCLIS

The CERCLIS list is a compilation of known or suspected uncontrolled or abandoned hazardous waste sites. These sites either have been investigated or are currently under investigation by the EPA for the release, or threatened release, of hazardous substances. Once a site is placed in CERCLIS, it may be subject to several levels of review and evaluation, and ultimately placed on the National Priorities List.

The State of Hawaii does not have a formal “State Superfund” program; therefore, the State Hazardous Waste Sites (SHWS) are the State of Hawaii’s equivalent to the EPA’s CERCLIS database. Since this information is acquired from the DOH HEER Office, these sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup that use State funds (State-equivalent Superfund) are identified along with sites where the potentially responsible parties pay for the cleanup. The contracted database did not identify the Subject Property as a SHWS; however, one SHWS site was identified within a 1-mile radius of the Subject Property. ETC’s database review indicated that the *Ewa Beach Chevron* SHWS site is classified as a “no further action” site and is too distant to pose a reasonable risk of impacting the Subject Property. No other significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

State Landfill and/or Solid Waste Disposal

The State of Hawaii has records that include an inventory of solid waste disposal facilities and/or landfills. These may include active or inactive facilities, or open dumps that failed to meet RCRA Subtitle D, Section 4004 criteria for solid waste landfills or disposal sites. The Subject Property was not identified as a Solid Waste Facility/Landfill (SWF/LF) facility. Additionally, the database search did not identify any SWF/LF facilities within a 0.5-mile radius of the Subject Property. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

State Leaking Underground Storage Tanks

The DOH Underground Storage Tank (UST) Program maintains a listing of all reported leaks and releases from USTs. The Subject Property was not identified as a leaking underground storage tank (LUST) facility. The database search identified four LUST facilities within a 0.5-mile radius of the Subject Property. ETC’s database and file review indicated that all four LUST sites were either classified as “no further action” sites, are situated topographically downgradient or cross-gradient from the Subject Property; and/or are too distant to pose a reasonable risk of impacting the Subject Property. Therefore, no significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

State Registered Underground Storage Tanks

The DOH UST Program's registration system tracks known and registered UST systems. The Subject Property and adjoining properties were not identified as a UST facility. Therefore, no significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

State Institutional Control Registry

Institutional Controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on a site. The State Institutional Control list includes Voluntary Response Program (VRP) and Brownfield Sites with institutional controls in place. The Subject Property was not identified as having institutional controls in place. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

State Voluntary Cleanup/Response Sites

The Hawaii VRP was created on July 7, 1997 by amendments made to Hawaii's Environmental Response Law (ERL). The purpose of the VRP is to streamline the cleanup process in a way that encourages prospective developers, lenders, and purchasers to voluntarily clean up properties. The VRP facilitates the cleanup process and, in certain situations, provides relief from the strict liability provisions of the Federal CERCLA and Hawaii ERL. The Subject Property was not identified as a VRP site. Additionally, the database search did not identify any VRP sites within a 0.5-mile radius of the Subject Property. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

State Brownfields

A Brownfields Site is land which the expansion, redevelopment, or reuse of may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. The Subject Property was not identified as a Brownfields Site. Additionally, the database search did not identify any Brownfields Sites located within a 0.5-mile radius of the Subject Property. No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

Unmappable/Orphan Sites

Two unmappable sites were identified in the Orphan Summary of the EDR report. Unmappable sites are not plotted due to poor or inadequate address information. Due to the inaccurate or incomplete information provided by a respective agency, these sites cannot be plotted with confidence. Review of the site addresses and names indicated that none of the Orphan sites were located on a potential adjacent property. No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified in connection with the Subject Property.

9.4.2 Additional Environmental Record Sources

No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

9.4.3 Tier 1 Vapor Encroachment Screen (VES)

The Subject Property was not identified on the VES database search. The contacted database search identified one Federal NPL site, one CERCLIS site, one State Equivalent NPL/CERCLIS site and one LUST site within the VES-specified radii of the Subject Property.

All previously obtained data reviewed and discussed as part of ETC's Phase I ESA (Section 1.0 to 10.0) were also evaluated as part of this Tier 1 VES. Review of other historical records (i.e. Sanborn Maps, Aerials, etc.) did not indicate any potential VECs in connection with the Subject Property. ETC performed a Tier 1 VES in conformance with the scope and limitations of ASTM Practice E2600-15 on the Subject Property. Based on review of the noted database and historical records, no evidence of vapor encroachment conditions in connection with the Subject Property were identified.

No other significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

9.4.4 Historical Use Information on the Subject and Adjoining Properties

Review of user provided information, aerial photographs, and historical topographic maps indicated the Subject Property was undeveloped until the 1950's after which the site was used for residential housing including approximately four water wells used primarily for scientific purposes. The onsite structures were reportedly connected to cesspools before 1996. The site was potentially used for target practice and miscellaneous dumping of solid water rubbish, likely by nearby residences.

The Subject Property was likely used by NOAA, NWS, PTWC, United State Geological Survey (USGS) and the University of Hawaii (UH). However most scientific operations for these government agencies, including an electronic shop, generator, diesel AST, magnetic buildings, microwave receiver room, magnetic observatory, and seismograph station were noted adjacent to the north of the Subject Property.

According to DOH records, the nearest USTs are located at the adjacent Ewa Beach Golf Club about 2,300-feet northeast of the Subject Property boundary. No other UST systems were noted within 0.5-miles of the Subject Property.

No other significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

9.5 Site Reconnaissance

ETC observed limited quantities of solid waste on the Subject Property in the form of tires, wood, debris, and municipal rubbish. Although not considered a REC, these materials should be properly disposed. No other significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

Visual inspection indicated limited quantities of chemicals commonly associated with landscaping (e.g. Round-up, etc.) within the garage area of one of the former employee residences. The observed materials appeared to be stored in the original, sealed containers with no evidence of significant spills or releases. No material mishandling or evidence of the generation or improper disposal of hazardous waste was observed in interior areas.

Six pole-mounted transformers were observed on the Subject Property without evidence of a release. No other suspect PCB-containing equipment was observed on the Subject Property.

No USTs, ASTs, landfilling, or hazardous wastes were observed in accessible areas of the Subject Property. No other significant findings to indicate suspect RECs, historical RECs, controlled RECs or *de minimis* conditions were identified.

9.6 Interviews

No significant findings to indicate suspect RECs, historical RECs, controlled RECs, or *de minimis* conditions were identified.

10.0 DATA GAPS

Data gaps are defined as the lack of or inability to obtain information required by the ASTM Practice despite good faith efforts by the environmental professional to gather such information. ETC identified the following data gaps:

- Although all reasonably ascertainable maps, site photographs, and standard historical sources (e.g., aerial photos, Sanborn Maps, chain of title, etc.) were reviewed, such documents and information were not available at five-year intervals. This data gap represents a “data failure.” However, based on ETC’s collective review of the documents and information which were available, this “data failure” does not represent a significant data gap (as described in Sections 8.3.2.3 and 12.7 of the ASTM Practice).
- ETC was unable to inspect the interior undeveloped portions of the Subject Property due to safety concerns associated with the inaccessible terrain and dense vegetation. In addition, the interior area of the apparent well house structure was not accessible at the time of ETC’s site reconnaissance activities. However, based on ETC’s visual observations of the remaining areas of the Subject Property and those areas along the edge of these areas, coupled with Subject Property owner interview findings, the inaccessible areas were not anticipated to be significantly impacted.

11.0 CONCLUSIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 for the Subject Property located at 91-270 Fort Weaver Road in Ewa Beach, Hawaii, identified by Tax Map Key (TMK) identification number [1] 9-1-001: Parcel 001 (portion). Any exceptions to, or deletions from, the ASTM Practice E1527-13 are described in Section 13.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property.

12.0 ENVIRONMENTAL PROFESSIONAL CERTIFICATION

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:



Douglas Heard
Environmental Professional
EnviroServices & Training Center, LLC

July 14, 2020

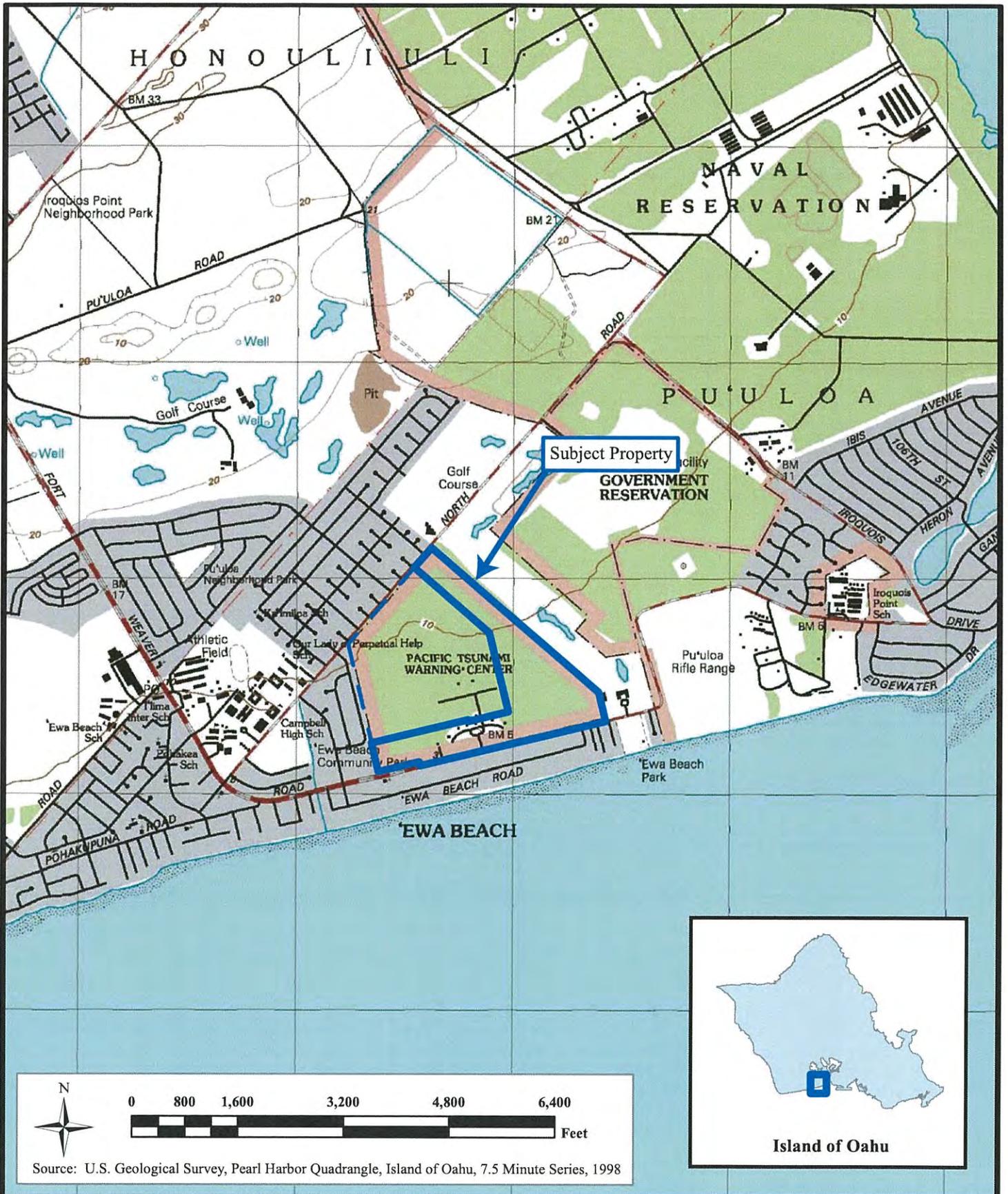
13.0 DEVIATIONS AND ADDITIONAL SERVICES

No client-imposed constraints were identified. As such, there were no deletions from the ASTM Practice E1527-13 upon completion of this Phase I ESA. No additional services were requested or completed.

14.0 REFERENCES

- ASTM International. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13*.
- BGES, Inc. Environmental Consultants., October, 2015. *Phase I Environmental Site Assessment, Pacific Tsunami Warning Center, 91-270 Fort Weaver Road, Ewa Beach, Oahu, Hawaii*.
- Environmental Data Resources, Inc., June 10, 2020. *The EDR Aerial Photo Decade Package*. Order No. 6086882.8.
- Environmental Data Resources, Inc. June 9, 2020. *The EDR Historical Topo Map Report*. Order No. 6086882.4.
- Environmental Data Resources, Inc., June 9, 2020. *The EDR Radius Map™ with GeoCheck®*. Report Inquiry No. 6086882.2s.
- Environmental Data Resources, Inc. June 30, 2020. *The EDR Vapor Encroachment Screen*. Order No. 6086882.2s.
- Environmental Data Resources, Inc., June 9, 2020. *Sanborn® Map Report*. Order No. 6086882.3.
- Macdonald, G. A., A. T. Abbot, and F. L. Peterson. 1983. *Volcanoes in the Sea*. University of Hawaii Press.
- Mink, J. F. and S. L. Lau. 1990. *Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy for Hawaii*.
- State of Hawaii Department of Health. Hazard Evaluation and Emergency Response Office records.
- State of Hawaii Taxation Map Bureau, Tax Map Key [1] 9-1-001: Parcels 001 (portion).
- U.S. Department of Agriculture Soil Conservation Service. 1972. *Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii*.
- U.S. Department of Interior Geological Survey. 2013. Pearl Harbor Quadrangle, Island of Oahu, 7.5 Minute Series (Topographic Maps).

APPENDIX I
FIGURES



Project No. 20-2014

July 2020

Figure 1 - Site Location Map
 Phase I Environmental Site Assessment
 DHHL Land Acquisition - NOAA Surplus Land
 91-270 Fort Weaver Road, Ewa Beach, Hawaii
 TMK [1] 9-1-001: Parcel 001 (portion)



Project No. 20-2014

July 2020

Figure 2 - Aerial Site Map
 Phase I Environmental Site Assessment
 DHHL Land Acquisition - NOAA Surplus Land
 91-270 Fort Weaver Road, Ewa Beach, Hawaii
 TMK [1] 9-1-001: Parcel 001 (portion)



Project No. 20-2014

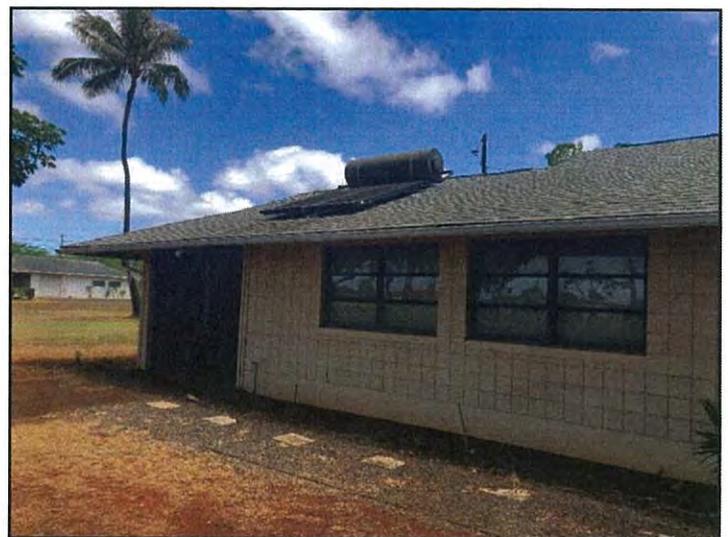
July 2020

Figure 3 - Building Site Plan
 Phase I Environmental Site Assessment
 DHHL Land Acquisition - NOAA Surplus Land
 91-270 Fort Weaver Road, Ewa Beach, Hawaii
 TMK [1] 9-1-001: Parcel 001 (portion)

APPENDIX II
PHOTOGRAPHIC DOCUMENTATION



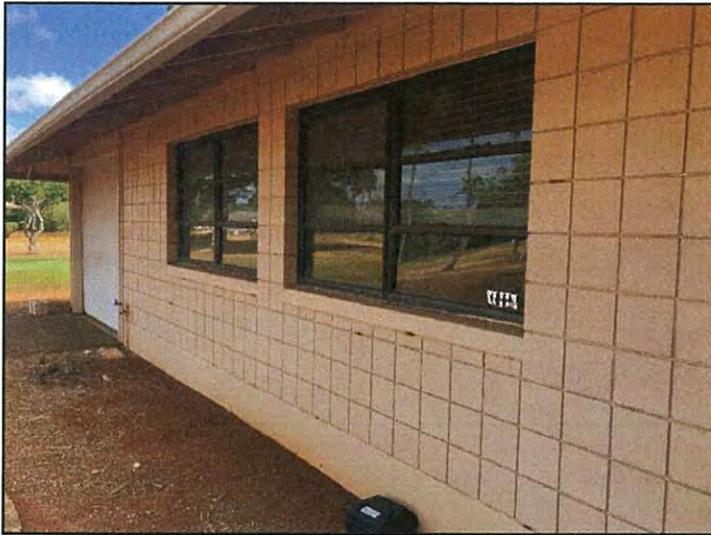
Photograph 1: Front view of the Subject Property from Fort Weaver Road.



Photograph 2: Front view of Building No. 4 (residence) located on the south portion of the Subject Property.



Photograph 3: Interior view of the kitchen within Building No. 4.



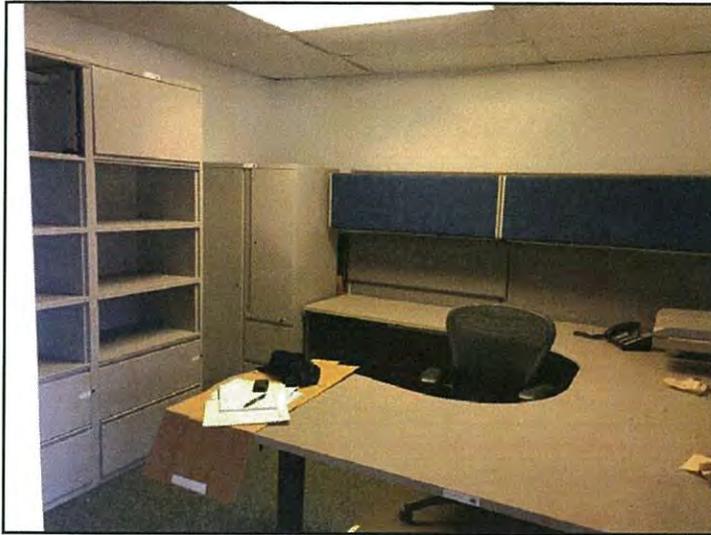
Photograph 4: Front view of Building No. 3 (residence) located on the south portion of the Subject Property.



Photograph 5: Interior view of the bathroom within Building No. 3 (residence).



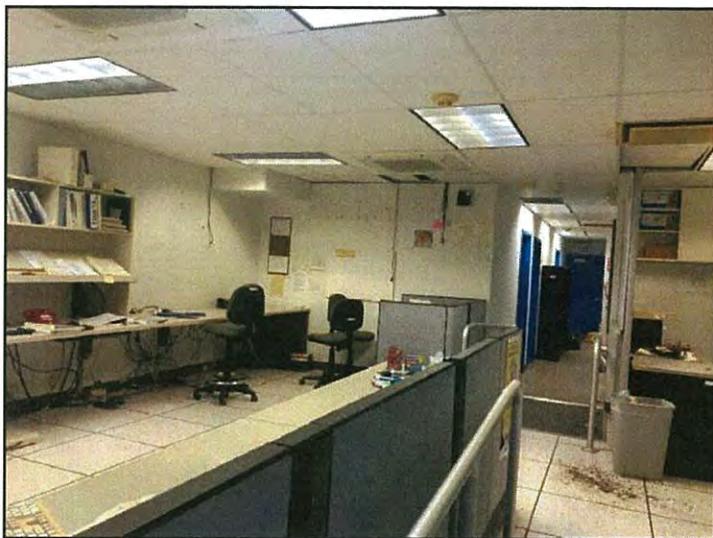
Photograph 6: Front view of Building No. 15 (annex building) located on the south portion of the Subject Property.



Photograph 7: Interior view of the office space within Building No. 15 (annex building).



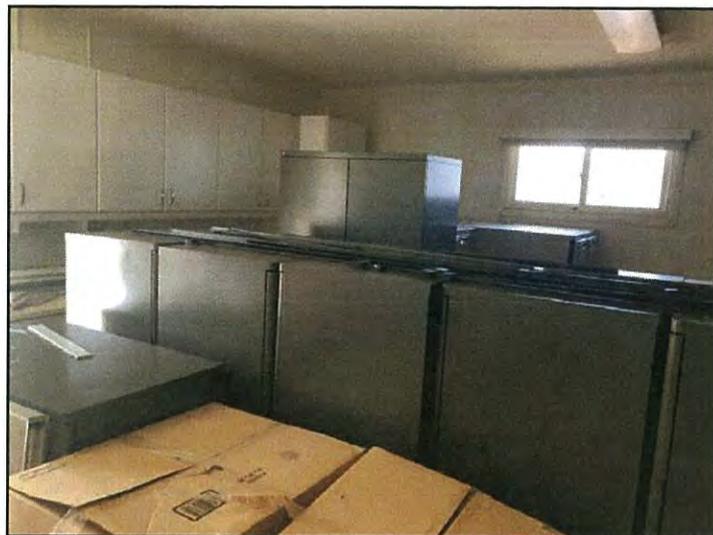
Photograph 8: Front view of Building No. 5 (administration building) located on the south portion of the Subject Property.



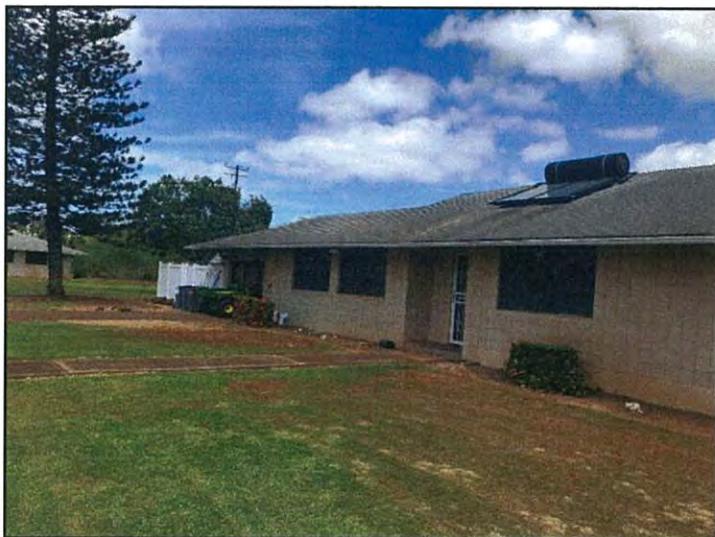
Photograph 9: Interior view of the office space within Building No. 5 (administration building).



Photograph 10: Front view of Building No. 14 (residence) located on the south portion of the Subject Property.



Photograph 11: Interior view of storage within the garage of Building No. 14 (residence).



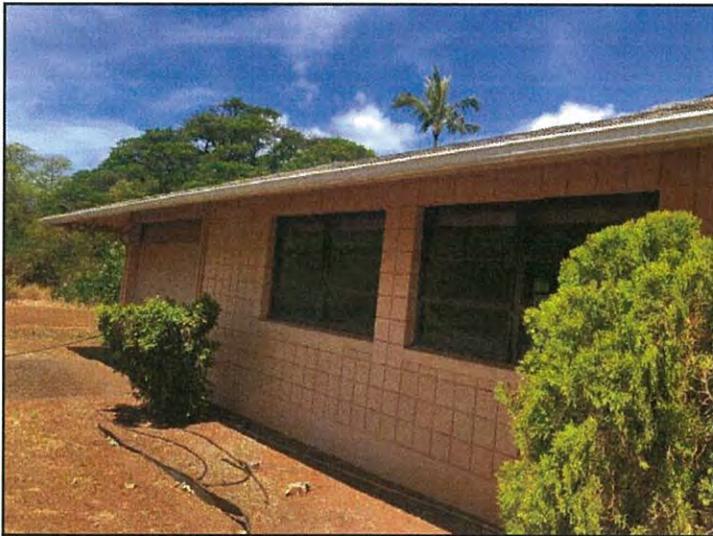
Photograph 12: Front view of Building No. 2 (residence) located on the south portion of the Subject Property.



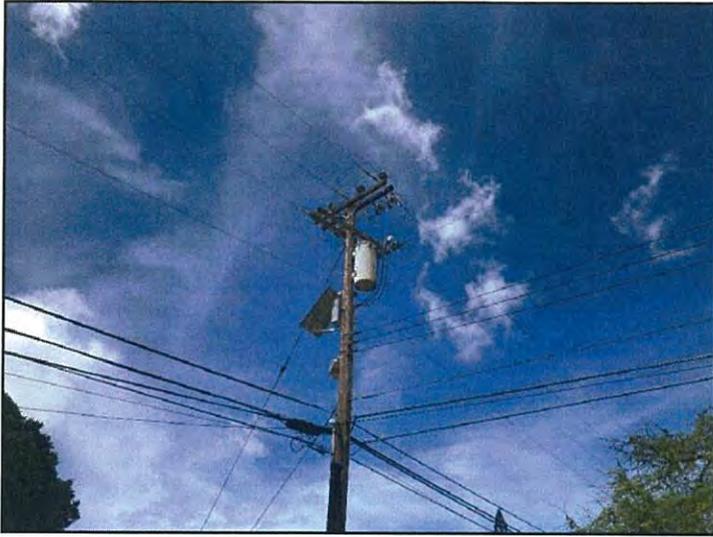
Photograph 13: Interior view of the living room within Building No. 2 (residence).



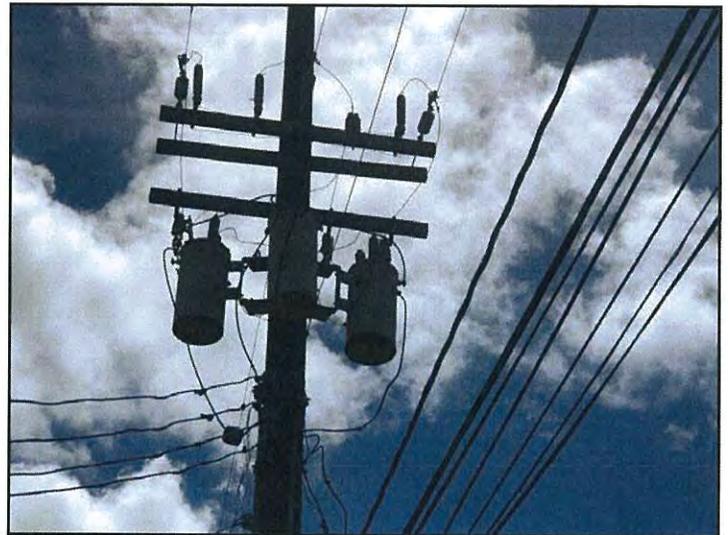
Photograph 14: Interior view of the landscaper's storage within the garage of Building No. 2 (residence).



Photograph 15: Front view of Building No. 1 (residence) located on the south portion of the Subject Property.



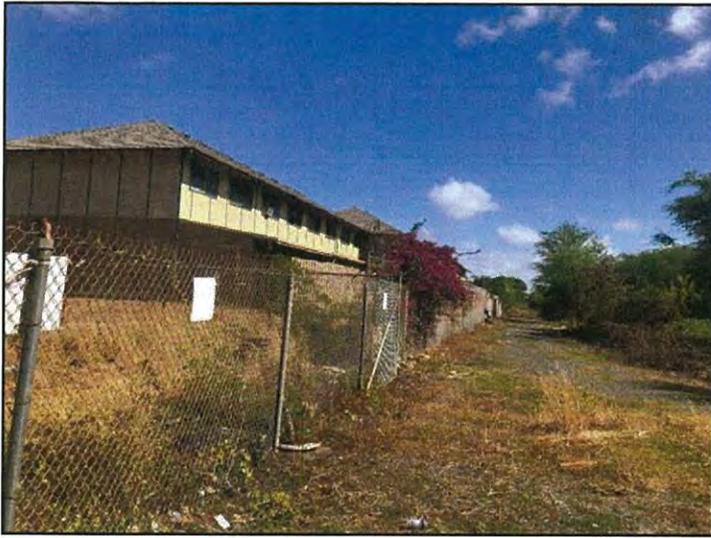
Photograph 16: View of pole-mounted transformer located north of Building No. 14 (residence).



Photograph 17: View of three pole-mounted transformers located north of Building No. 15 (annex building).



Photograph 18: View of pole-mounted transformer located east of Building No. 3 (residence).



Photograph 19: View along the west portion of the Subject Property.



Photograph 20: View of apparent chicken coops observed along the west border of the Subject Property.



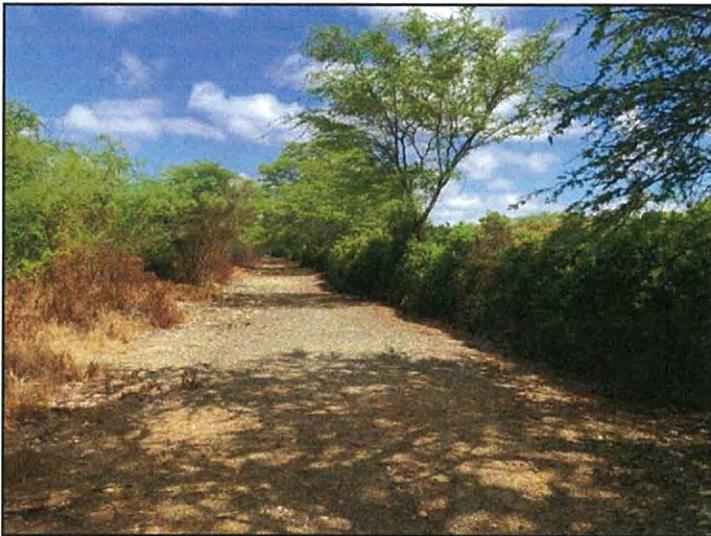
Photograph 21: View of apparent fruit/vegetable garden encroachment located along the west border of the Subject Property.



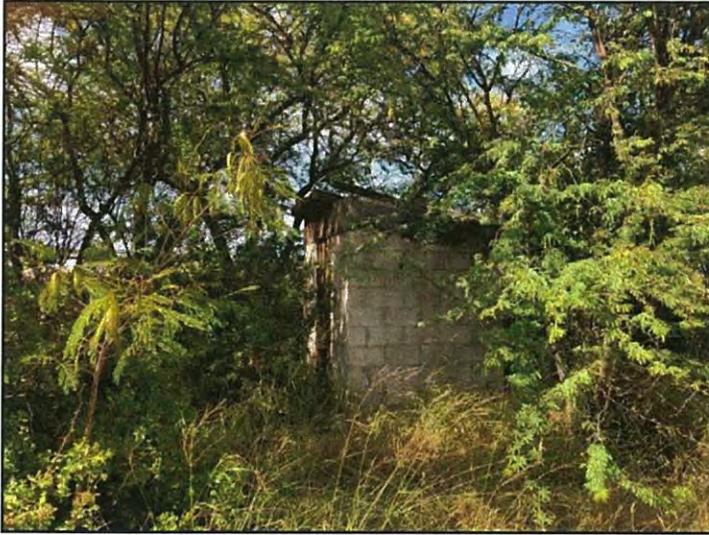
Photograph 22: View of the north corner of the Subject Property along North road.



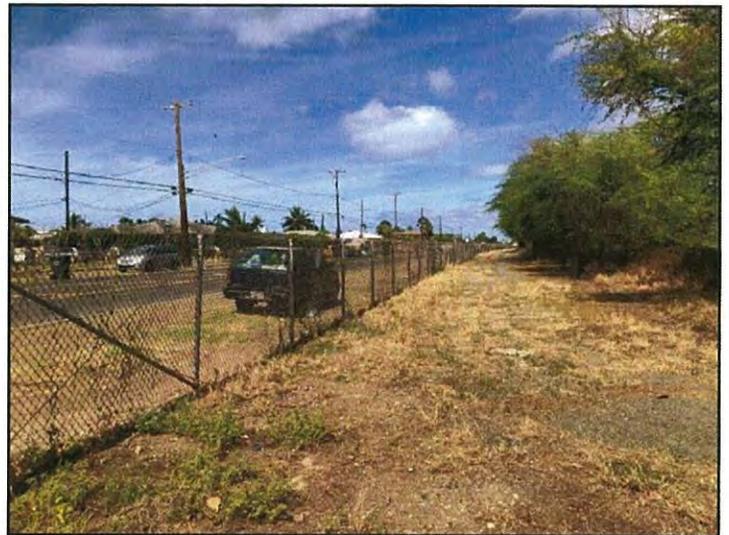
Photograph 23: View along the east portion of the Subject Property adjacent to the Ewa Beach Golf Club.



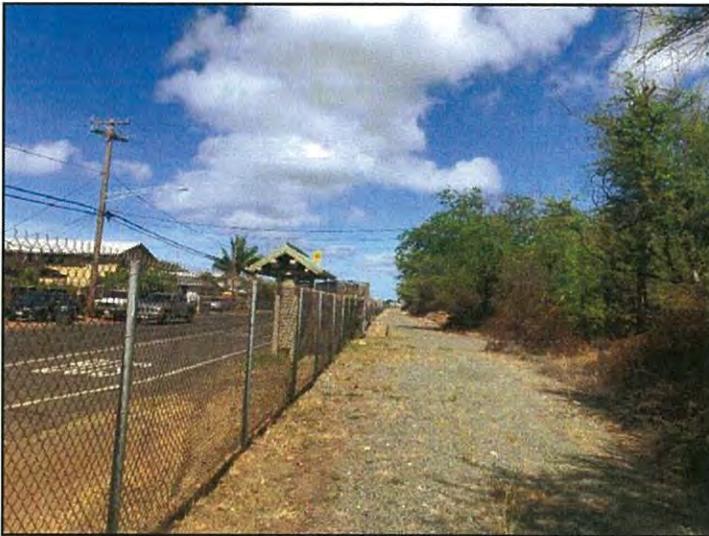
Photograph 24: View along the east portion of the Subject Property adjacent to the Ewa Beach Golf Club.



Photograph 25: View of apparent well house (Building No. 16) located on the southeast corner of the Subject Property.



Photograph 26: View along the south border of the Subject Property adjacent to Fort Weaver Road.



Photograph 27: View along the south border of the Subject Property adjacent to Fort Weaver Road.

APPENDIX III
RESEARCH DOCUMENTATION



INQUIRY #: 6086882.8

YEAR: 2000

————— = 625'



DHHL - Ewa Beach Surplus Land
91-270 Fort Weaver Road
Ewa Beach, HI 96706

Inquiry Number: 6086882.4
June 09, 2020

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Site Name:

DHHL - Ewa Beach Surplus La
 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 EDR Inquiry # 6086882.4

Client Name:

Enviro Svcs. and Trng. Center
 505 Ward Avenue
 Honolulu, HI 96814
 Contact: Sharla Nakashima



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Enviro Svcs. and Trng. Center were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 20-2014

Coordinates:

Latitude: 21.314496 21° 18' 52" North
Longitude: -157.998446 -157° 59' 54" West
UTM Zone: Zone 4 North
UTM X Meters: 603874.64
UTM Y Meters: 2357284.45
Elevation: 3.00' above sea level

Maps Provided:

2013	1930
1999	
1983	
1970	
1968	
1959	
1954	
1953	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.
 Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.
 EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets



Pearl Harbor

7.5-minute, 24000

1999 Source Sheets



Pearl Harbor

7.5-minute, 24000
Aerial Photo Revised 1999

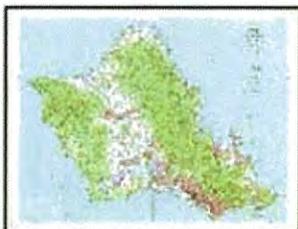
1983 Source Sheets



Pearl Harbor

7.5-minute, 24000
Aerial Photo Revised 1978

1970 Source Sheets



OAHU

15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1968 Source Sheets



Puuloa

7.5-minute, 24000
Aerial Photo Revised 1968

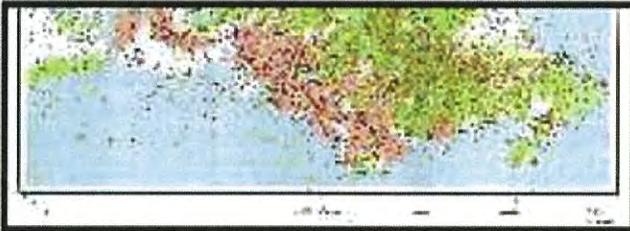
1959 Source Sheets



Puuloa

7.5-minute, 24000
Aerial Photo Revised 1959

1954 Source Sheets



HONOLULUVICINITYSOUTH

7.5-minute, 24000

1953 Source Sheets



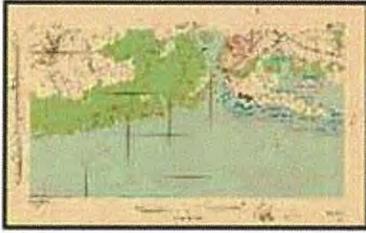
Puuloa

7.5-minute, 24000
Aerial Photo Revised 1952

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1930 Source Sheets

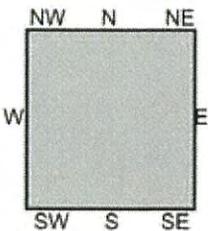
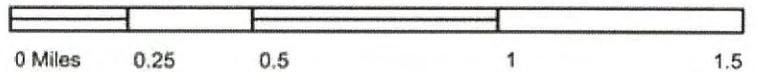


EWA

7.5-minute, 20000



This report includes information from the following map sheet(s).



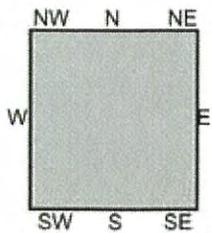
TP, Pearl Harbor, 2013, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 CLIENT: Enviro Svcs. and Trng. Center





This report includes information from the following map sheet(s).



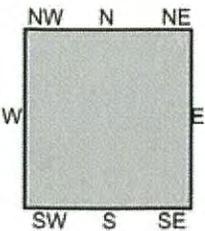
TP, Pearl Harbor, 1999, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 CLIENT: Enviro Svcs. and Trng. Center





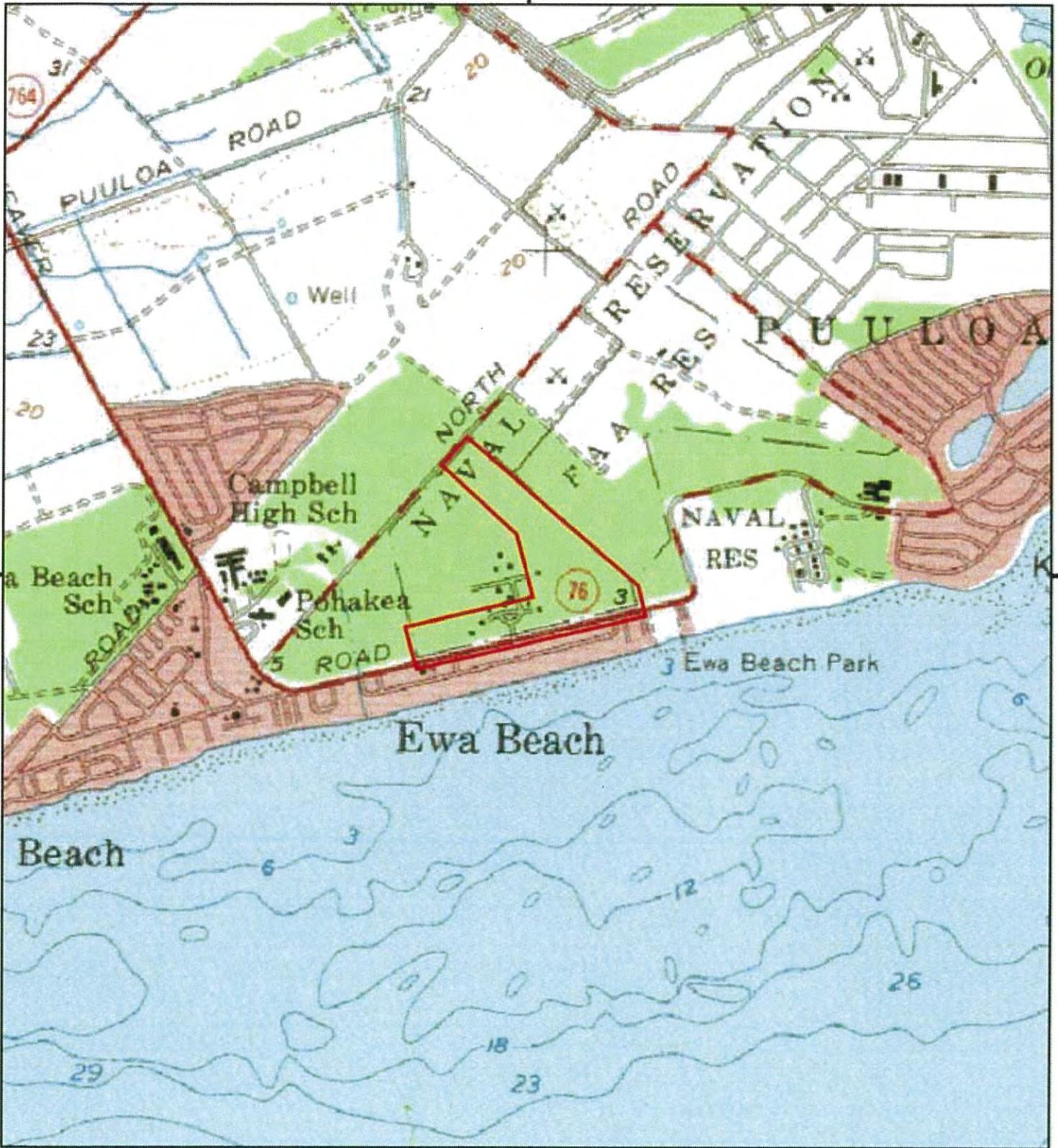
This report includes information from the following map sheet(s).



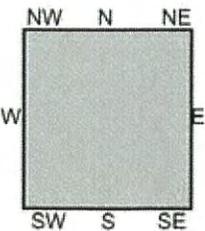
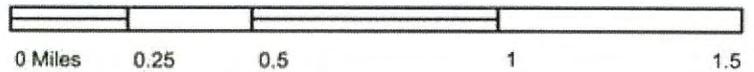
TP, Pearl Harbor, 1983, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 CLIENT: Enviro Svcs. and Trng. Center





This report includes information from the following map sheet(s).



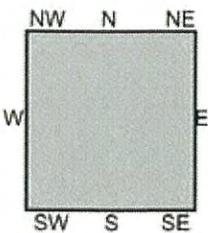
TP, OAHU, 1970, 15-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 CLIENT: Enviro Svcs. and Trng. Center





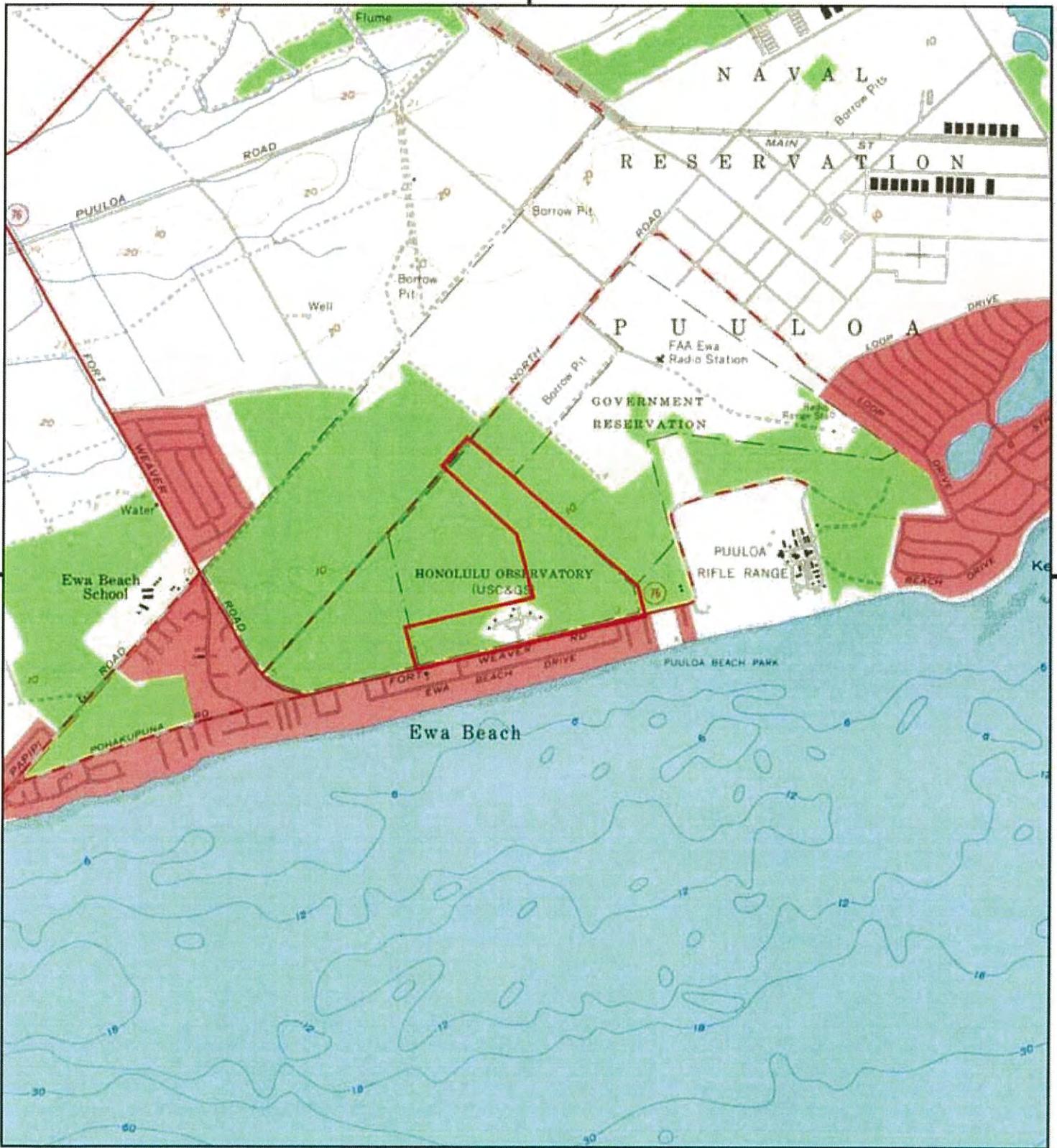
This report includes information from the following map sheet(s).



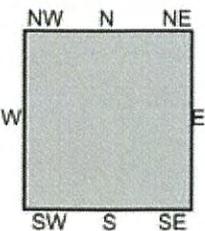
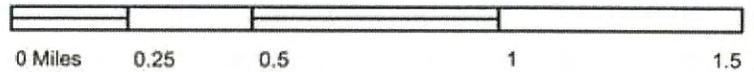
TP, Puuloa, 1968, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 CLIENT: Enviro Svcs. and Trng. Center





This report includes information from the following map sheet(s).



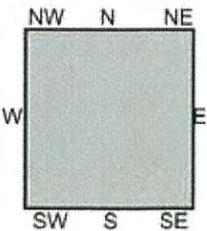
TP, Puuloa, 1959, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 CLIENT: Enviro Svcs. and Trng. Center





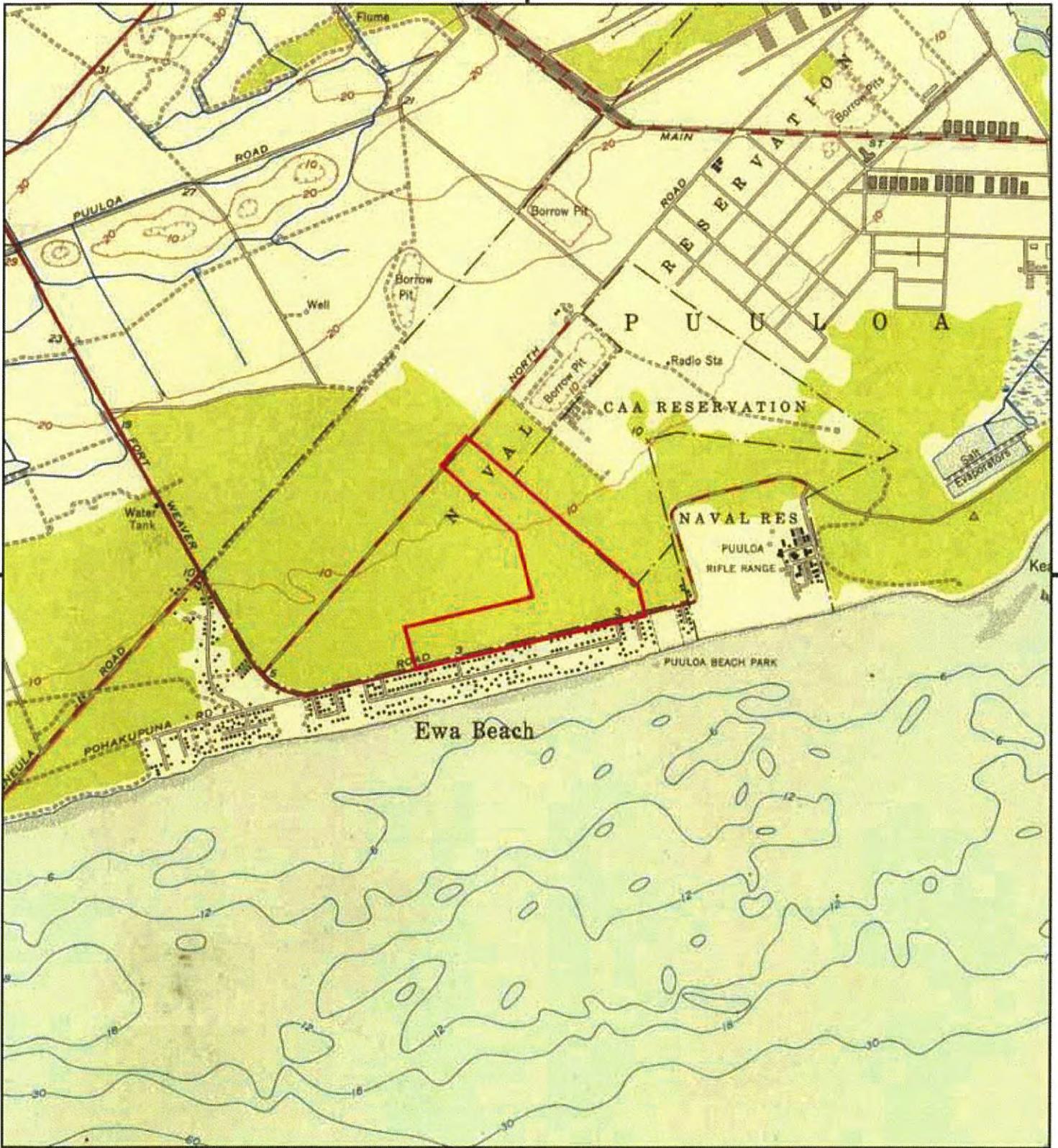
This report includes information from the following map sheet(s).



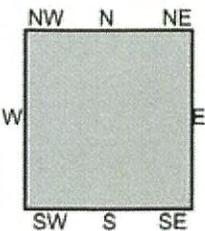
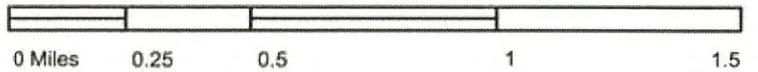
TP, HONOLULU VICINITY SOUTH, 1954, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
CLIENT: Enviro Svcs. and Trng. Center





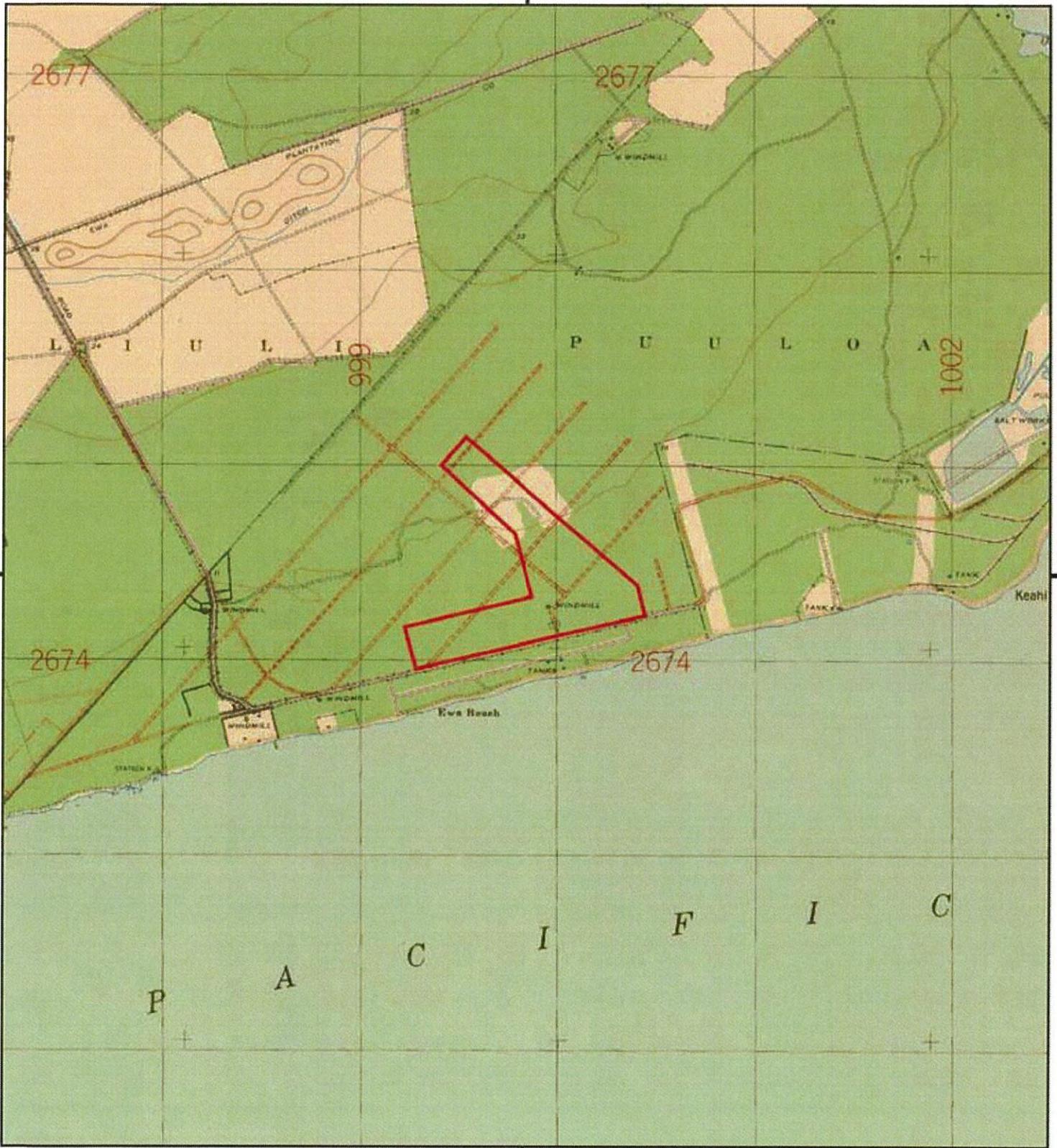
This report includes information from the following map sheet(s).



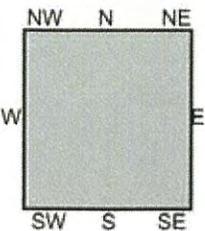
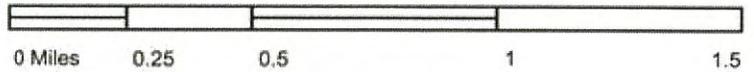
TP, Puuloa, 1953, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
CLIENT: Enviro Svcs. and Trng. Center





This report includes information from the following map sheet(s).



TP, EWA, 1930, 7.5-minute

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach, HI 96706
 CLIENT: Enviro Svcs. and Trng. Center



DHHL - Ewa Beach Surplus Land

91-270 Fort Weaver Road

Ewa Beach, HI 96706

Inquiry Number: 6086882.2s

June 30, 2020

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Map Findings	4
Record Sources and Currency	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**

Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property		
		1/10	> 1/10	
Federal NPL site list	1.0	0	0	1
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	1
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	1
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	not searched	-	-	-
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	1	0
State and tribal registered storage tank lists	0.25	0	1	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	0.001	0	0	-
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	0.001	0	0	-
Records of Emergency Release Reports	0.001	0	0	-
Other Ascertainable Records	1.0	0	1	3

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	2	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	2	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

DHHL - EWA BEACH SURPLUS LAND
91-270 FORT WEAVER ROAD
EWA BEACH, HI 96706

COORDINATES

Latitude (North):	21.314496 - 21° 18' 52.182312"
Longitude (West):	157.998446 - 157° 59' 54.396973"
Elevation:	3 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
PEARL HARBOR NAVAL COMPLEX ROD: ROD PRP: PRP SEMS: SEMS US ENG CONTROLS: US ENG CONTROLS NPL: NPL US INST CONTROLS: US INST CONTROLS	US NAVAL COMMAND	1/10 - 1/3 E	Region	9
EWA BEACH PROFESSIONAL CENTER UST: UST LUST: LUST	91-102 FORT WEAVER RD	<1/10 E	▲ A4	57

ADDITIONAL ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
PEARL HARBOR NAVAL COMPLEX ROD: ROD PRP: PRP SEMS: SEMS US ENG CONTROLS: US ENG CONTROLS NPL: NPL US INST CONTROLS: US INST CONTROLS	US NAVAL COMMAND	1/10 - 1/3 E	Region	
PEARL HARBOR NAVAL STATION DOD: DOD	Not Reported	1/10 - 1/3 ENE	Region	55
JAMES CAMPBELL HIGH SCHOOL NEW CLASSROOM BUILDING COMPLEX FINDS: FINDS ECHO: ECHO	91-980 NORTH ROAD	<1/10 NNW	▲ 3	56
PUULOLOA-EX NAS BAR POINT FUDS: FUDS	Not Reported	1/10 - 1/3 NNW	▲ 5	58

EDR HIGH RISK HISTORICAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
EWA BEACH PROFESSIONAL CENTER RGA LUST: RGA LUST	91-102 FORT WEAVER ROAD	<1/10 E	▲ A1	56
EWA BEACH PROFESSIONAL CENTER RGA LUST: RGA LUST	91-102 FORT WEAVER RD	<1/10 E	▲ A2	56



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: DHHL - Ewa Beach Surplus Land ADDRESS: 91-270 Fort Weaver Road Ewa Beach HI 96706 LAT/LONG: 21.314496 / 157.998446</p>	<p>CLIENT: Enviro Srvcs. and Trng. Center CONTACT: Sharla Nakashima INQUIRY #: 6086882.2s DATE: June 09, 2020 2:00 pm</p>
---	--



Target Property

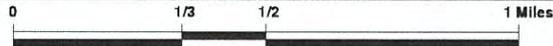
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Upgradient Area

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach HI 96706
 LAT/LONG: 21.314496 / 157.998446

CLIENT: Enviro Svcs. and Trng. Center
 CONTACT: Sharla Nakashima
 INQUIRY #: 6086882.2s
 DATE: June 09, 2020 1:59 pm

MAP FINDINGS

LEGEND

FACILITY NAME		EDR SITE ID NUMBER
FACILITY ADDRESS, CITY, ST, ZIP		
◆ MAP ID#	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
Worksheet:		
Comments: Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

PEARL HARBOR NAVAL COMPLEX		1000707626
US NAVAL COMMAND, PEARL HARBOR, HI, 96860		
Region	E 1/10 - 1/3 (633 ft. / 0.12 mi.)	Federal NPL site list Federal CERCLIS list Federal institutional controls / engineering controls registries Other Ascertainable Records
Worksheet:		

NPL: Federal NPL site list

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 EPA Region: 9
 Federal: Y
 Final Date: 1992-10-14 00:00:00
 Site ID: 904481
 Latitude: 21.388888999999999
 Site Score: 70.819999999999993
 Longitude: -157.98333299999999

NPL:

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Category Description: Surface Water Adjacent To Site-Other-Unknown
 Category Value: WETLAND

NPL:

EPA ID: HI4170090076
 Site ID: 0904481
 Site Status: F

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Federal Site: Y
 EPA Region: 09
 Date Proposed: 07/29/91
 Date Deleted: Not Reported
 Date Finalized: 10/14/92

NPL:

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Substance ID: U220
 Substance: TOLUENE
 CAS #: 108-88-3
 Pathway: SOIL EXPOSURE PATHWAY
 Scoring: 2

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Substance ID: U228
 Substance: TRICHLOROETHYLENE (TCE)
 CAS #: 79-01-6
 Pathway: SOIL EXPOSURE PATHWAY
 Scoring: 2

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Substance ID: Not Reported
 Substance: Not Reported
 CAS #: Not Reported
 Pathway: Not Reported
 Scoring: Not Reported

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Substance ID: A023
 Substance: DDE
 CAS #: 72-55-9
 Pathway: SURFACE WATER PATHWAY
 Scoring: 3

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Substance ID: A046
 Substance: POLYCHLORINATED BIPHENYLS
 CAS #: 1336-36-3
 Pathway: SURFACE WATER PATHWAY
 Scoring: 3

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Substance ID: A059
 Substance: BROMODICHLOROMETHANE
 CAS #: 75-27-4

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Pathway:	AIR PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	A059
Substance:	BROMODICHLOROMETHANE
CAS #:	75-27-4
Pathway:	SOIL EXPOSURE PATHWAY
Scoring:	4
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C049
Substance:	ETHYLBENZENE
CAS #:	100-41-4
Pathway:	SOIL EXPOSURE PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C315
Substance:	CHROMIC ACID
CAS #:	7738-94-5
Pathway:	NO PATHWAY INDICATED
Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C320
Substance:	CHROMIUM, HEXAVALENT
CAS #:	18540-29-9
Pathway:	NO PATHWAY INDICATED
Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C460
Substance:	MERCURY
CAS #:	7439-97-6
Pathway:	SURFACE WATER PATHWAY
Scoring:	4
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C497
Substance:	STODDARD SOLVENT
CAS #:	8052-41-3
Pathway:	NO PATHWAY INDICATED
Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Substance ID:	C517
Substance:	XYLENE, M-
CAS #:	108-38-3
Pathway:	SOIL EXPOSURE PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C525
Substance:	BROMACIL
CAS #:	314-40-9
Pathway:	NO PATHWAY INDICATED
Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C573
Substance:	DIAZINON
CAS #:	333-41-5
Pathway:	NO PATHWAY INDICATED
Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	D004
Substance:	ARSENIC
CAS #:	7440-38-2
Pathway:	GROUND WATER PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	P037
Substance:	DIELDRIN
CAS #:	60-57-1
Pathway:	NO PATHWAY INDICATED
Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U028
Substance:	BIS(2-ETHYLHEXYL)PHTHALATE
CAS #:	117-81-7
Pathway:	SURFACE WATER PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U036
Substance:	CHLORDANE
CAS #:	57-74-9
Pathway:	SURFACE WATER PATHWAY
Scoring:	3

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U037
Substance:	CHLORO BENZENE
CAS #:	108-90-7
Pathway:	AIR PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U037
Substance:	CHLORO BENZENE
CAS #:	108-90-7
Pathway:	SURFACE WATER PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U061
Substance:	DDT
CAS #:	50-29-3
Pathway:	SURFACE WATER PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U079
Substance:	TRANS-DICHLOROETHYLENE, 1,2-
CAS #:	156-60-5
Pathway:	AIR PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U079
Substance:	TRANS-DICHLOROETHYLENE, 1,2-
CAS #:	156-60-5
Pathway:	GROUND WATER PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U079
Substance:	TRANS-DICHLOROETHYLENE, 1,2-
CAS #:	156-60-5
Pathway:	SOIL EXPOSURE PATHWAY
Scoring:	4
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U210
Substance:	TETRACHLOROETHENE

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

CAS #: 127-18-4
 Pathway: AIR PATHWAY
 Scoring: 3

EPA ID: HI4170090076
 NPL Status: Currently on the Final NPL
 Substance ID: U210
 Substance: TETRACHLOROETHENE
 CAS #: 127-18-4
 Pathway: SOIL EXPOSURE PATHWAY
 Scoring: 4

NPL:

EPA ID: HI4170090076
 Summary: Conditions at Proposal (July 29, 1991): The Pearl Harbor Naval Complex occupies at least 6,300 acres in Pearl Harbor on the Island of Oahu, Honolulu County, Hawaii. Land around the complex supports agriculture, aquaculture, industry, urban,

EPA ID: HI4170090076
 Summary: In 1988, the Navy detected bis (2-ethylhexyl)phthalate in sediment samples taken from a National Wildlife Refuge that borders an abandoned Navy landfill. The refuge contains habitat for four Federally endangered species, as well as wetlands. Pe

EPA ID: HI4170090076
 Summary: arl Harbor and nearby portions of the Pacific Ocean contain recreational and commercial fisheries, habitat for endangered species, wetlands, and water-contact recreation areas. The volatile organic compounds in on-site soil also create a

EPA ID: HI4170090076
 Summary: potential for gases to be released to the atmosphere. Status (October 1992): EPA and the Navy are planning to negotiate a Federal Facilities Agreement under CERCLA Section 120 to cover future activities at the site. The description

EPA ID: HI4170090076
 Summary: of the site (release) is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See FR 5600, February 11, 1991 or subsequent

EPA ID: HI4170090076
 Summary: FR notices.)

EPA ID: HI4170090076
 Summary: and commercial uses. The complex consists of these major facilities: Naval Shipyard, Naval Supply Center, Naval Station, Submarine Base, Public Works Center, Inactive Ships, and Navy Magazine (Lualualei Westlock Branch and Waipio Peninsula).

EPA ID: HI4170090076
 Summary: The Pearl Harbor Naval Complex began operation in 1901 when the Navy received an appropriation to acquire land for a naval station. After the attack by the Japanese on December 7, 1941, industrial activity at the complex skyrocketed, reaching 2

EPA ID: HI4170090076
 Summary: 4,000 civilians by mid-1943. After World War II, activity declined and has fluctuated with the Navy's requirements. In 1983, the Navy identified 30 potential hazardous waste sources within the six facilities. Subsequently, an additional

EPA ID: HI4170090076
 Summary: source was identified. The 31 sources include unlined landfills, pesticide disposal pits, chromic acid disposal areas, PCB disposal areas, mercury-contaminated harbor sediments, leaking underground solvent tanks, waste oil facilities, and nume

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

EPA ID: HI4170090076
 Summary: rous other types of sources resulting from industrial activities at the complex. Six of the sources were initially evaluated, based primarily on toxicity of contaminants present, availability of waste quantity information, sampling results, aff

EPA ID: HI4170090076
 Summary: ected populations, and a documented release of a ha ardous substance. Many investigations have found ha ardous substances -- including mercury, chromium, PCBs, pesticides, trichloroethene, trans-1,2- dichloroethene, and other volatile orga

EPA ID: HI4170090076
 Summary: nic compounds -- in soil in the six areas, thus exposing workers on the site less than 100) to potential contamination. Many of these chemicals have also been found at the remaining 25 areas identified to date.) Tetrachloroethene was fo

EPA ID: HI4170090076
 Summary: und 15.2 feet below ground surface in one area. Soils beneath the site are permeable, facilitating movement of contaminants into ground water. Approximately 110,700 people obtain drinking water from wells within 2 miles of the six sources.

NPL:

EPA ID: HI4170090076
 NPL Status: Final
 Proposed Date: 07/29/1991
 Final Date: 10/14/1992
 Deleted Date: Not Reported

NPL:

EPA ID: HI4170090076
 NPL Name: PEARL HARBOR NAVAL COMPLEX

SEMS: Federal CERCLIS list

Site ID: 0904481
 EPA ID: HI4170090076
 Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 Address 2: Not Reported
 City,State,Zip: PEARL HARBOR, HI 96860
 Cong District: 01
 FIPS Code: 15003
 Latitude: 21.388889
 Longitude: -157.983333
 FF: Y
 NPL: Currently on the Final NPL
 Non NPL Status: Not Reported

SEMS Detail:

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

FF:	Y
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2000-10-24 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1991-07-29 04:00:00
Finish Date:	7/29/1991 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-10-01 04:00:00
Finish Date:	10/1/1980 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	09
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	2
Start Date:	1993-09-30 04:00:00

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	11
Action Code:	LV
Action Name:	FF RV
SEQ:	4
Start Date:	1993-04-01 05:00:00
Finish Date:	4/1/1994 5:00:00 AM
Qual:	S
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	07
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	9
Start Date:	1993-09-30 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	01
Action Code:	LV
Action Name:	FF RV
SEQ:	5
Start Date:	2000-01-03 05:00:00
Finish Date:	9/14/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 00
 Action Code: LZ
 Action Name: FF CR
 SEQ: 1
 Start Date: 2005-05-03 04:00:00
 Finish Date: Not Reported
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 14
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 14
 Start Date: 1999-05-15 04:00:00
 Finish Date: 9/27/2010 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 17
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 16
 Start Date: 1993-09-30 04:00:00
 Finish Date: 7/12/2012 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 16
 Action Code: LW
 Action Name: FF RI/FS

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

SEQ:	17
Start Date:	1993-09-30 04:00:00
Finish Date:	9/27/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	12
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	12
Start Date:	1999-06-10 04:00:00
Finish Date:	9/29/2009 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	08
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	2006-09-28 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	10
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	2006-09-28 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 06
 Action Code: RO
 Action Name: ROD
 SEQ: 4
 Start Date: 2010-07-02 04:00:00
 Finish Date: 7/2/2010 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 12
 Action Code: RO
 Action Name: ROD
 SEQ: 5
 Start Date: 2009-09-29 04:00:00
 Finish Date: 9/29/2009 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 13
 Action Code: RO
 Action Name: ROD
 SEQ: 6
 Start Date: 2018-09-26 04:00:00
 Finish Date: 9/26/2018 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 12

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action Code:	LV
Action Name:	FF RV
SEQ:	7
Start Date:	2005-12-14 05:00:00
Finish Date:	7/19/2006 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	12
Action Code:	LV
Action Name:	FF RV
SEQ:	8
Start Date:	2006-06-02 04:00:00
Finish Date:	8/22/2006 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	03
Action Code:	RO
Action Name:	ROD
SEQ:	10
Start Date:	2010-09-27 04:00:00
Finish Date:	9/27/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	12
Start Date:	2007-09-28 04:00:00
Finish Date:	9/28/2007 4:00:00 AM
Qual:	Not Reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	13
Start Date:	2010-09-14 04:00:00
Finish Date:	9/14/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	05
Action Code:	RO
Action Name:	ROD
SEQ:	15
Start Date:	2011-09-23 04:00:00
Finish Date:	9/23/2011 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	12
Action Code:	RO
Action Name:	ROD
SEQ:	17
Start Date:	2009-09-29 04:00:00
Finish Date:	9/29/2009 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

FF:	Y
OU:	14
Action Code:	RO
Action Name:	ROD
SEQ:	18
Start Date:	2010-09-27 04:00:00
Finish Date:	9/27/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	17
Action Code:	RO
Action Name:	ROD
SEQ:	21
Start Date:	2012-07-12 04:00:00
Finish Date:	7/12/2012 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	26
Action Code:	EE
Action Name:	EE/CA
SEQ:	2
Start Date:	2010-03-18 04:00:00
Finish Date:	3/18/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	26
Action Code:	LV
Action Name:	FF RV
SEQ:	10
Start Date:	2010-05-07 04:00:00

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Finish Date: 5/27/2011 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 03
 Action Code: LX
 Action Name: FF RD
 SEQ: 1
 Start Date: 2010-09-27 04:00:00
 Finish Date: 10/25/2010 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 03
 Action Code: LY
 Action Name: FF RA
 SEQ: 1
 Start Date: 2010-11-22 05:00:00
 Finish Date: 8/23/2016 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 12
 Action Code: LY
 Action Name: FF RA
 SEQ: 2
 Start Date: 2009-09-29 04:00:00
 Finish Date: 1/20/2011 5:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 16
 Action Code: RO
 Action Name: ROD
 SEQ: 14
 Start Date: 2010-09-27 04:00:00
 Finish Date: 9/27/2010 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 24
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 20
 Start Date: 2009-03-03 05:00:00
 Finish Date: 9/15/2014 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 01
 Action Code: LY
 Action Name: FF RA
 SEQ: 4
 Start Date: 2011-06-09 04:00:00
 Finish Date: 7/11/2012 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 28
 Action Code: LW
 Action Name: FF RI/FS

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

SEQ:	23
Start Date:	2011-03-29 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	27
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	24
Start Date:	2011-07-21 04:00:00
Finish Date:	8/22/2016 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	06
Action Code:	LY
Action Name:	FF RA
SEQ:	3
Start Date:	2011-08-10 04:00:00
Finish Date:	8/27/2012 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	29
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	25
Start Date:	2011-08-17 04:00:00
Finish Date:	9/14/2016 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 16
 Action Code: LV
 Action Name: FF RV
 SEQ: 9
 Start Date: 2007-08-24 04:00:00
 Finish Date: 9/27/2007 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 22
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 21
 Start Date: 2009-03-13 04:00:00
 Finish Date: 9/23/2013 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 24
 Action Code: RO
 Action Name: ROD
 SEQ: 24
 Start Date: 2014-09-15 04:00:00
 Finish Date: 9/15/2014 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 12

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action Code:	LV
Action Name:	FF RV
SEQ:	3
Start Date:	1995-02-23 05:00:00
Finish Date:	4/1/1997 5:00:00 AM
Qual:	P
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1991-07-25 04:00:00
Finish Date:	7/25/1991 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	03
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	4
Start Date:	1993-09-30 04:00:00
Finish Date:	9/27/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	08
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	10
Start Date:	1993-09-30 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	Not Reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	06
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	8
Start Date:	1993-09-30 04:00:00
Finish Date:	7/2/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	10
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	1
Start Date:	1994-08-23 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-04-01 05:00:00
Finish Date:	4/1/1986 5:00:00 AM
Qual:	L
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

FF:	Y
OU:	06
Action Code:	LV
Action Name:	FF RV
SEQ:	1
Start Date:	1995-07-17 04:00:00
Finish Date:	8/23/1996 4:00:00 AM
Qual:	P
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1992-10-14 04:00:00
Finish Date:	10/14/1992 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	17
Action Code:	LX
Action Name:	FF RD
SEQ:	2
Start Date:	2012-07-12 04:00:00
Finish Date:	12/13/2014 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	17
Action Code:	LY
Action Name:	FF RA
SEQ:	5
Start Date:	2014-12-13 05:00:00

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Finish Date:	3/23/2015 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	30
Action Code:	RO
Action Name:	ROD
SEQ:	25
Start Date:	2013-03-29 04:00:00
Finish Date:	3/29/2013 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	22
Action Code:	RO
Action Name:	ROD
SEQ:	26
Start Date:	2013-09-23 04:00:00
Finish Date:	9/23/2013 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	27
Action Code:	RO
Action Name:	ROD
SEQ:	27
Start Date:	2016-08-22 04:00:00
Finish Date:	8/22/2016 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 29
 Action Code: RO
 Action Name: ROD
 SEQ: 29
 Start Date: 2016-09-14 04:00:00
 Finish Date: 9/14/2016 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 11
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 11
 Start Date: 1995-08-01 04:00:00
 Finish Date: Not Reported
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 13
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 13
 Start Date: 1995-09-19 04:00:00
 Finish Date: 9/26/2018 4:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 05
 Action Code: LY
 Action Name: FF RA

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

SEQ:	7
Start Date:	2011-09-23 04:00:00
Finish Date:	8/23/2016 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	24
Action Code:	LY
Action Name:	FF RA
SEQ:	6
Start Date:	2014-09-14 04:00:00
Finish Date:	10/9/2015 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	24
Action Code:	LX
Action Name:	FF RD
SEQ:	3
Start Date:	2014-09-15 04:00:00
Finish Date:	6/30/2015 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	12
Action Code:	LY
Action Name:	FF RA
SEQ:	8
Start Date:	2009-09-29 04:00:00
Finish Date:	8/23/2016 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 35
 Action Code: NI
 Action Name: FF FS
 SEQ: 1
 Start Date: 2017-03-10 05:00:00
 Finish Date: 3/10/2017 5:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 35
 Action Code: RO
 Action Name: ROD
 SEQ: 31
 Start Date: 2017-03-10 05:00:00
 Finish Date: 3/10/2017 5:00:00 AM
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 11
 Action Code: LV
 Action Name: FF RV
 SEQ: 2
 Start Date: 1995-03-13 05:00:00
 Finish Date: 10/30/1996 5:00:00 AM
 Qual: P
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 01

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action Code:	LW
Action Name:	FF RI/FS
SEQ:	5
Start Date:	1993-09-30 04:00:00
Finish Date:	9/14/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	02
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	3
Start Date:	1993-09-30 04:00:00
Finish Date:	4/5/2016 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1989-08-21 04:00:00
Finish Date:	8/21/1989 4:00:00 AM
Qual:	H
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	05
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	7
Start Date:	1993-09-30 04:00:00
Finish Date:	9/23/2011 4:00:00 AM
Qual:	Not Reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Current Action Lead: Fed Fac
 Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 15
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 15
 Start Date: 1993-09-30 04:00:00
 Finish Date: Not Reported
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 20
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 18
 Start Date: 2006-06-26 04:00:00
 Finish Date: Not Reported
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F
 FF: Y
 OU: 21
 Action Code: LW
 Action Name: FF RI/FS
 SEQ: 19
 Start Date: 2008-04-28 04:00:00
 Finish Date: Not Reported
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 09
 Site ID: 0904481
 EPA ID: HI4170090076
 Site Name: PEARL HARBOR NAVAL COMPLEX
 NPL: F

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

FF:	Y
OU:	09
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	22
Start Date:	2009-05-29 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	31
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	2016-05-29 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	25
Action Code:	EE
Action Name:	EE/CA
SEQ:	1
Start Date:	2009-09-28 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght

Site: Federal institutional controls / engineering controls registries

Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
Event Code:	Not Reported
Action Taken Date:	03/10/2017
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 31
 Operable Unit: 35
 Action Completion Date: 05/19/2017
 Contaminated Media: Groundwater
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

Media:

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481
 Action ID: 1
 Action Completion Date: 03/17/2017
 Operable Unit: 03
 Action Name: FF ESD
 Action Taken Date: 02/11/2016
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481
 Action ID: 10
 Action Completion Date: 09/30/2010
 Operable Unit: 03
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/27/2010
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil Gas
 Site ID: 0904481
 Action ID: 15
 Action Completion Date: 09/30/2011
 Operable Unit: 05
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/23/2011
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 26
 Action Completion Date: 09/30/2013
 Operable Unit: 22
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/23/2013
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Surface Water
 Site ID: 0904481

Action ID: 15
 Action Completion Date: 09/30/2011
 Operable Unit: 05
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/23/2011
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 2
 Action Completion Date: 09/30/2006
 Operable Unit: 08
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/28/2006
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481

Action ID: 3
 Action Completion Date: 09/30/2006
 Operable Unit: 10
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/28/2006
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 5
 Action Completion Date: 09/30/2009
 Operable Unit: 12
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/29/2009
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Liquid Waste
 Site ID: 0904481

Action ID: 17
 Action Completion Date: 09/30/2009
 Operable Unit: 12
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/29/2009
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 21
 Action Completion Date: 06/30/2013
 Operable Unit: 17
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 07/12/2012
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 29
 Action Completion Date: 12/16/2016
 Operable Unit: 29
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/14/2016
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 4
 Action Completion Date: 09/30/2010
 Operable Unit: 06
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 07/02/2010
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 3
 Action Completion Date: 09/30/2006
 Operable Unit: 10
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/28/2006
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 17
 Action Completion Date: 09/30/2009
 Operable Unit: 12
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/29/2009
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 14
 Action Completion Date: 09/30/2010
 Operable Unit: 16
 Action Name: GOVT Decision Document (ROD)
 Action Taken Date: 09/27/2010
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 27
 Action Completion Date: 11/15/2016
 Operable Unit: 27
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 08/22/2016
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Debris
 Site ID: 0904481

Action ID: 12
 Action Completion Date: 09/30/2007
 Operable Unit: 01
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/28/2007
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481
 Action ID: 2
 Action Completion Date: 09/30/2006
 Operable Unit: 08
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/28/2006
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481
 Action ID: 31
 Action Completion Date: 05/19/2017
 Operable Unit: 35
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 03/10/2017
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID:	31
Action Completion Date:	05/19/2017
Operable Unit:	35
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	03/10/2017
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	14
Action Completion Date:	09/30/2010
Operable Unit:	16
Action Name:	GOVT Decision Document (ROD)
Action Taken Date:	09/27/2010
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	17
Action Completion Date:	09/30/2009
Operable Unit:	12
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/29/2009
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
EPA ID:	HI4170090076
Contaminated Media:	Soil
Site ID:	0904481
Action ID:	15
Action Completion Date:	09/30/2011
Operable Unit:	05
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/23/2011
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
EPA ID:	HI4170090076
Contaminated Media:	Soil
Site ID:	0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 10
 Action Completion Date: 09/30/2010
 Operable Unit: 03
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/27/2010
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481
 Action ID: 27

Action Completion Date: 11/15/2016
 Operable Unit: 27
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 08/22/2016
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481
 Action ID: 25

Action Completion Date: 04/30/2013
 Operable Unit: 30
 Action Name: GOVT Decision Document (ROD)
 Action Taken Date: 03/29/2013
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Debris
 Site ID: 0904481
 Action ID: 24

Action Completion Date: 09/15/2014
 Operable Unit: 24
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/15/2014
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 24
 Action Completion Date: 09/15/2014
 Operable Unit: 24
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/15/2014
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481

Action ID: 15
 Action Completion Date: 09/30/2011
 Operable Unit: 05
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/23/2011
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 15
 Action Completion Date: 09/30/2011
 Operable Unit: 05
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/23/2011
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 4
 Action Completion Date: 09/30/2010
 Operable Unit: 06
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 07/02/2010
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Solid Waste
 Site ID: 0904481

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Action ID: 31
 Action Completion Date: 05/19/2017
 Operable Unit: 35
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 03/10/2017
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481

Action ID: 12
 Action Completion Date: 09/30/2007
 Operable Unit: 01
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/28/2007
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481
 Action ID: 5
 Action Completion Date: 09/30/2009
 Operable Unit: 12
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/29/2009
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

US INST CONTROLS: Federal institutional controls / engineering controls registries

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 Address 2: Not Reported
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 Site ID: 0904481
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action ID: 18
 Operable Unit: 14
 Action Completion Date: 09/30/2010
 Actual Date: 09/27/2010
 Contaminated Media: Soil
 Event Code: Not Reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	24
Operable Unit:	24
Action Completion Date:	09/15/2014
Actual Date:	09/15/2014
Contaminated Media:	Soil
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	24
Operable Unit:	24
Action Completion Date:	09/15/2014
Actual Date:	09/15/2014
Contaminated Media:	Debris
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	5
Operable Unit:	12
Action Completion Date:	09/30/2009
Actual Date:	09/29/2009
Contaminated Media:	Soil
Event Code:	Not Reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	4
Operable Unit:	06
Action Completion Date:	09/30/2010
Actual Date:	07/02/2010
Contaminated Media:	Soil
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	13
Operable Unit:	01
Action Completion Date:	09/30/2010
Actual Date:	09/14/2010
Contaminated Media:	Soil
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	15
Operable Unit:	05
Action Completion Date:	09/30/2011
Actual Date:	09/23/2011
Contaminated Media:	Soil
Event Code:	Not Reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	21
Operable Unit:	17
Action Completion Date:	06/30/2013
Actual Date:	07/12/2012
Contaminated Media:	Soil
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	18
Operable Unit:	14
Action Completion Date:	09/30/2010
Actual Date:	09/27/2010
Contaminated Media:	Groundwater
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Name:	PEARL HARBOR NAVAL COMPLEX
Address:	US NAVAL COMMAND
Address 2:	Not Reported
City,State,Zip:	PEARL HARBOR, HI 96860
EPA ID:	HI4170090076
Site ID:	0904481
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action ID:	13
Operable Unit:	01
Action Completion Date:	09/30/2010
Actual Date:	09/14/2010
Contaminated Media:	Buildings/Structures
Event Code:	Not Reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported
 Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 Address 2: Not Reported
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 Site ID: 0904481
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action ID: 5
 Operable Unit: 12
 Action Completion Date: 09/30/2009
 Actual Date: 09/29/2009
 Contaminated Media: Groundwater
 Event Code: Not Reported
 Contact Name: Not Reported
 Contact Telephone: Not Reported
 Event: Not Reported

ROD: Other Ascertainable Records

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ESD
 Operable Unit Number: PWC- MAKALAPA RINSATE PIT
 SEQ ID: 1
 Action Completion: 2016-02-11 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: WESTLOCH BLDG 49
 SEQ ID: 2
 Action Completion: 2006-09-28 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: MANANA STORAGE
 SEQ ID: 3
 Action Completion: 2006-09-28 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: NSY DRY DOCK #3
 SEQ ID: 4
 Action Completion: 2010-07-02 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: FORD IS HAZ SITES (SANS LF)
 SEQ ID: 5
 Action Completion: 2009-09-29 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PH SEDIMENT
 SEQ ID: 6
 Action Completion: 2018-09-26 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PWC- MAKALAPA RINSATE PIT
 SEQ ID: 10
 Action Completion: 2010-09-27 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PCB THERMAL DESORPTION SITES
 SEQ ID: 12
 Action Completion: 2007-09-28 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PCB THERMAL DESORPTION SITES
 SEQ ID: 13
 Action Completion: 2010-09-14 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: FORD ISLAND LANDFILL
 SEQ ID: 15
 Action Completion: 2011-09-23 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: FORD IS HAZ SITES (SANS LF)
 SEQ ID: 17
 Action Completion: 2009-09-29 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PEARL CITY JUNCTION
 SEQ ID: 18
 Action Completion: 2010-09-27 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: NSY BLDG 6, FORMER FOUNDRY
 SEQ ID: 21
 Action Completion: 2012-07-12 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: WEST LOCH 4TH ST. CORAL PIT LF
 SEQ ID: 24
 Action Completion: 2014-09-15 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PWC BUILDING 35 - PAINT SHOP
 SEQ ID: 26
 Action Completion: 2013-09-23 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: WEST LOCH OTTO FUEL WASTE STOR
 SEQ ID: 27
 Action Completion: 2016-08-22 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: BUILDING 992 OPEN AREA
 SEQ ID: 29
 Action Completion: 2016-09-14 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: WEST LOCH VEHICLE MAINTENANCE
 SEQ ID: 31
 Action Completion: 2017-03-10 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX, US NAVAL COMMAND, PEARL HARBOR, HI 96860 (Continued)

EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: GOVT Decision Document (ROD)
 Operable Unit Number: RICHARDSON- FFTF
 SEQ ID: 14
 Action Completion: 2010-09-27 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: GOVT Decision Document (ROD)
 Operable Unit Number: RAA 11 AND 13
 SEQ ID: 25
 Action Completion: 2013-03-29 00:00:00
 NPL Status: Final
 Non NPL Status: Not Reported

PRP: Other Ascertainable Records

PRP Name: OAHU SUGAR COMPANY, LLC
 OAHU SUGAR COMPANY, LLC

PEARL HARBOR NAVAL STATION Not Reported, , HI,		CUSA147752
Region	ENE 1/10 - 1/3 (1589 ft. / 0.301 mi.)	Other Ascertainable Records

Worksheet:

DOD: Other Ascertainable Records

Feature 1: Navy DOD
 Feature 2: Not Reported
 Feature 3: Not Reported
 URL: Not Reported
 Name 1: Pearl Harbor Naval Station
 Name 2: Not Reported
 Name 3: Not Reported
 State: HI
 DOD Site: Yes
 Tile name: HIHONOLULU

MAP FINDINGS

EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER ROAD, EWA BEACH, HI,			S116401375
▲ A1	E <1/10	(0 ft. / 0 mi.)	Exclusive Recovered Govt. Archives
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

RGA LUST: Exclusive Recovered Govt. Archives

1995 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER ROAD

EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD, EWA BEACH, HI,			S116401374
▲ A2	E <1/10	(0 ft. / 0 mi.)	Exclusive Recovered Govt. Archives
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

RGA LUST: Exclusive Recovered Govt. Archives

2012 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2011 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2010 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2009 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2008 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2007 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2006 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2005 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2004 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2003 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2002 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2001 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2000 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 1999 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 1998 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 1997 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD

JAMES CAMPBELL HIGH SCHOOL NEW CLASSROOM BUILDING COMPLEX 91-980 NORTH ROAD, EWA BEACH, HI, 96706			1024012929
▲ 3	NNW <1/10	(0 ft. / 0 mi.)	Other Ascertainable Records
	10 ft. Higher Elevation	13 ft. Above Sea Level	

Worksheet:

MAP FINDINGS

JAMES CAMPBELL HIGH SCHOOL NEW CLASSROOM BUILDING COMPLEX, 91-980 NORTH ROAD, EWA BEACH, HI 96706 (Continued)

FINDS: Other Ascertainable Records

Registry ID: 110070107960
 Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070107960

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains <http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=4g64Klglb6F62.uKNZlWb980ldLbHg3DdF.Y6gn2sd.8zuqq3CKNhuZVL746WVWgbu53AM8V.H0lQAaqd6oLq.22VHUwgS.40GgHH6qc2xKKvBIRi8JRIm7blG2dCFK56WP8CA.fTu32fnNOtZlhBjnWadbbQ43m8wq0wa2FJdZpLZM4tjg.68t3GUK.elrY2iflyvboK8cGFjm6f923W.w6ukkAsgN64ZLv8edW8ubemAdA8oT0edAzSdoyLUE4uHHWfgik1ubDLEdwk4oc.8NYm2ufOgjSnS74N8gqW6KC3bNKfml7D2i8lYGbAH38Vfdg6cz2OE.5EuOZ4ArNNjZY46aTWwFbup2bs8sZ0nL34Bdo7LhW4sYHoUgJQBGDffdr4Fa.q8YaXBFhgZqnSC2> additional records for this site. Please contact your EDR Account Executive for more information.

ECHO: Other Ascertainable Records

Envid: 1024012929
 Registry ID: 110070107960
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070107960>
 Name: JAMES CAMPBELL HIGH SCHOOL NEW CLASSROOM BUILDING COMPLEX
 Address: 91-980 NORTH ROAD
 City,State,Zip: EWA BEACH, HI 96706

EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD, EWA BEACH, HI, 96706		U003222129
▲ A4	E <1/10 (0 ft. / 0 mi.)	State and tribal leaking storage tank lists
	Equal Elevation 3 ft. Above Sea Level	State and tribal registered storage tank lists

Worksheet:

LUST: State and tribal leaking storage tank lists

Facility ID: 9-202893
 Facility Status: Site Cleanup Completed (NFA)
 Facility Status Date: 11/08/1995
 Release ID: 940079
 Project Officer: Steven Okoji

UST: State and tribal registered storage tank lists

Facility ID: 9-202893
 Owner: ESTATE OF JAMES CAMPBELL
 Owner Address: 1001 KAMOKILA BOULEVARD
 Owner City,St,Zip: Ewa Beach, 96706 96706
 Latitude: 21.31457
 Longitude: -157.99381
 Horizontal Reference Datum Name: NAD83
 Horizontal Collection Method Name: Address Matching

MAP FINDINGS

EWA BEACH PROFESSIONAL CENTER, 91-102 FORT WEAVER RD, EWA BEACH, HI 96706 (Continued)

Tank ID: R-1
 Date Installed: Not Reported
Tank Status: Permanently Out of Use
 Date Closed: 01/22/1994
 Tank Capacity: 550
 Substance: Diesel

PUULOA-EX NAS BAR POINT Not Reported, EWA, HI,		1024902149				
▲ 5	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">NNW 1/10 - 1/3</td> <td style="padding: 2px 5px;">(1333 ft. / 0.252 mi.)</td> </tr> <tr> <td style="padding: 2px 5px;">13 ft. Higher Elevation</td> <td style="padding: 2px 5px;">16 ft. Above Sea Level</td> </tr> </table>	NNW 1/10 - 1/3	(1333 ft. / 0.252 mi.)	13 ft. Higher Elevation	16 ft. Above Sea Level	Other Ascertainable Records
NNW 1/10 - 1/3	(1333 ft. / 0.252 mi.)					
13 ft. Higher Elevation	16 ft. Above Sea Level					

Worksheet:

FUDS: Other Ascertainable Records

EPA Region: 09
 Installation ID: HI99799F410600
 Congressional District Number: 01
 Facility Name: PUULOA-EX NAS BAR POINT
 FUDS Number: H09HI0398
 City: EWA
 State: HI
 County: HONOLULU
 Object ID: 6640
 USACE District: Honolulu District (POH)
 Status: Properties with all projects at site closeout
 Current Owner: Private Sector
 EMS Map Link: <https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=54173>
 Eligibility: Eligible
 Has Projects: Yes
 NPL Status: Not Listed
 Latitude: 21.326111109999900
 Longitude: -158.001666669999000

FUDS Detail as of Jan 2015:

Fiscal Year: 2013
 Federal Facility ID: HI9799F4106
 RAB: Not Reported
 NPL Status: Not Listed
 Description: The site consists of a 20.52-acre dump and was transferred from the Navy to Campbell Estate in 2/27/51. The dump site consist of a borrow pit and used for aircraft disposal. Twenty-one buildings were constructed. Site visit on 13 July 1995 revealed the dump site was mixed wastes. Other information from former studies indicate that household waste, batteries, and other debris were found.
 History: The project site was part of the Barbers Point Naval Air Station and was part of the Plane Division Aircraft Storage Area. The borrow pit was used as an aircraft disposal area; however, it is noted that other debris from the landowner was also included and therefore a potential PRP is proposed.
 CTC: 25.399999999999999
 Current Program: Not Reported
 Future Program: Not Reported
 Institutional ID: 54173

MAP FINDINGS

PUULOA-EX NAS BAR POINT, Not Reported, EWA, HI (Continued)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
ENVIRONMENTAL RECORDS						
<i>Federal NPL site list</i>						
US	NPL	National Priority List	EPA	04/27/2020	05/06/2020	05/28/2020
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/27/2020	05/06/2020	05/28/2020
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<i>Federal CERCLIS list</i>						
US	SEMS	Superfund Enterprise Management System	EPA	04/27/2020	05/06/2020	05/28/2020
<i>Federal RCRA CORRACTS facilities list</i>						
US	CORRACTS	Corrective Action Report	EPA	03/23/2020	03/25/2020	05/21/2020
<i>Federal RCRA TSD facilities list</i>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/23/2020	03/25/2020	05/21/2020
<i>Federal RCRA generators list</i>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/23/2020	03/25/2020	05/21/2020
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/23/2020	03/25/2020	05/21/2020
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	03/23/2020	03/25/2020	05/21/2020
<i>Federal institutional controls / engineering controls registries</i>						
US	LUCIS	Land Use Control Information System	Department of the Navy	11/04/2019	11/13/2019	01/28/2020
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/13/2020	02/20/2020	05/15/2020
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	02/13/2020	02/20/2020	05/15/2020
<i>Federal ERNS list</i>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/16/2019	12/19/2019	03/06/2020
<i>State and tribal - equivalent CERCLIS</i>						
HI	SHWS	Sites List	Department of Health	04/17/2019	05/21/2019	05/30/2019
<i>State and tribal landfill / solid waste disposal</i>						
HI	SWF/LF	Permitted Landfills in the State of Hawaii	Department of Health	02/09/2020	03/13/2020	05/29/2020
<i>State and tribal leaking storage tank lists</i>						
HI	LUST	Leaking Underground Storage Tank Database	Department of Health	02/25/2020	02/26/2020	05/01/2020
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/04/2019	12/04/2019	02/27/2020
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/01/2019	12/04/2019	02/10/2020
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/02/2019	12/04/2019	02/10/2020
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/01/2019	12/04/2019	02/10/2020
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/15/2019	12/17/2019	02/10/2020
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/10/2019	12/05/2019	02/10/2020
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/11/2019	12/04/2019	02/10/2020
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/03/2019	12/04/2019	02/14/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
State and tribal registered storage tank lists						
HI	UST	Underground Storage Tank Database	Department of Health	02/25/2020	02/26/2020	05/01/2020
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/11/2019	12/04/2019	02/10/2020
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/01/2019	12/04/2019	02/10/2020
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/10/2019	12/05/2019	02/10/2020
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/01/2019	12/04/2019	02/10/2020
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/02/2019	12/04/2019	02/10/2020
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/11/2019	12/04/2019	02/10/2020
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/03/2019	12/04/2019	02/14/2020
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/04/2019	12/04/2019	02/27/2020
US	FEMA UST	Underground Storage Tank Listing	FEMA	08/27/2019	08/28/2019	11/11/2019
State and tribal institutional control / engineering control registries						
HI	ENG CONTROLS	Engineering Control Sites	Department of Health	04/17/2019	05/21/2019	05/30/2019
HI	INST CONTROL	Sites with Institutional Controls	Department of Health	04/17/2019	05/21/2019	05/30/2019
State and tribal voluntary cleanup sites						
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
HI	VCP	Voluntary Response Program Sites	Department of Health	04/17/2019	05/21/2019	05/30/2019
State and tribal Brownfields sites						
HI	BROWNFIELDS	Brownfields Sites	Department of Health	04/17/2019	05/21/2019	05/30/2019
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2019	01/17/2020	03/06/2020
US	ROD	Records Of Decision	EPA	04/27/2020	05/06/2020	05/28/2020
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	04/27/2020	05/06/2020	05/28/2020
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2018	12/04/2019	01/15/2020
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	04/27/2020	05/06/2020	05/28/2020
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	12/16/2019	12/19/2019	02/27/2020
US	Delisted NPL	National Priority List Deletions	EPA	04/27/2020	05/06/2020	05/28/2020
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/27/2020	05/06/2020	05/28/2020
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/23/2020	03/25/2020	05/21/2020
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/05/2019	12/06/2019	02/14/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Avl. Date	Active Date
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeline	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	06/11/2019	06/13/2019	09/03/2019
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/02/2019	12/16/2019	03/06/2020
US	US DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	US FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	US FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/28/2020	02/19/2020	05/14/2020
US	US UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/11/2020	02/25/2020	05/21/2020
US	US MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	03/31/2020	04/01/2020	05/21/2020
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	01/16/2018	02/28/2020	05/22/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	US PRP	Potentially Responsible Parties	EPA	01/30/2020	02/06/2020	02/14/2020
US	US TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	02/05/2020	04/24/2020
US	US TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	US FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	US FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	US HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	US HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	US SSTS	Section 7 Tracking Systems	EPA	05/01/2019	10/23/2019	01/15/2020
US	US ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	US PADS	PCB Activity Database System	EPA	10/09/2019	10/11/2019	12/20/2019
US	US MLTS	Material Licensing Tracking System	EPA	10/25/2019	10/25/2019	01/15/2020
US	US RADINFO	Radiation Information Database	Nuclear Regulatory Commission	07/01/2019	07/01/2019	09/23/2019
US	US FINDS	Facility Index System/Facility Registry System	Environmental Protection Agency	02/03/2020	03/03/2020	05/28/2020
US	US RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	US RMP	Risk Management Plans	Environmental Protection Agency	11/05/2019	11/20/2019	04/17/2020
US	US BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	US PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	US INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	US INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	US IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
US	US ABANDONED MINES	Abandoned Mines	Department of Interior	03/05/2020	03/06/2020	05/29/2020
HI	AI RS	List of Permitted Facilities	Department of Health	03/20/2020	03/24/2020	06/08/2020
HI	CDL	Clandestine Drug Lab Listing	Department of Health	08/04/2010	09/10/2010	10/22/2010
HI	HI DRYCLEANERS	Permitted Drycleaner Facility Listing	Department of Health	03/20/2020	03/24/2020	06/08/2020
HI	Financial Assurance	Financial Assurance Information Listing	Department of Health	03/11/2020	03/12/2020	05/22/2020
HI	LEAD	Lead Inspection Listing	Department of Health	03/05/2020	03/06/2020	05/15/2020
HI	SPILLS	Release Notifications	Department of Health	11/18/2019	11/19/2019	01/21/2020
HI	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	03/10/2012	01/03/2013	02/11/2013
HI	UIC	Underground Injection Wells Listing	Department of Health	02/07/2013	02/12/2013	04/09/2013
US	US MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	US UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2017	01/17/2019	04/01/2019
US	US DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
HI	SWRCY	SWRCY	Department of Health	02/09/2020	03/13/2020	05/28/2020
US	US ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/05/2020	01/07/2020	03/06/2020
US	US FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/18/2020	02/19/2020	05/14/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St. Acronym Full Name Government Agency Gov. Date Actvl. Date Active Date

HISTORICAL USE RECORDS

US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.	07/01/2013	01/08/2014
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.	07/01/2013	01/17/2014
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.	07/01/2013	01/03/2014
HI	RGA HWS	Recovered Government Archive State Hazardous Waste Facility	Department of Health		
HI	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Health		
HI	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Health		

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

ASTM PRACTICE E 1527-13 USER/CLIENT QUESTIONNAIRE

Former NOAA NWS PTWS Ewa Beach HI Campus

91-270 Fort Weaver Road

Ewa Beach, Oahu, Hawaii

TMK [1] 9-1-001: Parcel 001 (portion)

To be returned to EnviroServices & Training Center with the authorized proposal

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields Amendments), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. The user may consult with an Environmental Attorney if they desire further information regarding these issues.

REQUIRED INFORMATION

1. Name/Title/Phone Number of Person Completing Form:

Darrell Ing, Real Estate Development Specialist
(808) 620-9276

2. Business Name and Type of Operation:

Department of Hawaiian Home Lands
State Government

3. Property Name and Address (include known current and former address[es] and parcel no.):

Former NOAA NWS PTWS Ewa Beach HI Campus
91-270 Fort Weaver Road
Ewa Beach, Oahu, Hawaii
Portion of TMK (1) 9-1-001: 001

4. Property Acreage:

Approximately 80 acres

5. Current Property Type: (Designate property type and list current tenants)

a. Residential: _____

b. Commercial: _____

c. Industrial: _____

d. Other: _____

NOAA National Weather Service: currently unused offices, housing, and storage.

6. Type of Property Transaction with respect to User:

Fee simple conveyance from U.S. GSA.

7. Reason for Conducting Phase I ESA:

Potential acquisition due diligence.

8. Contact Information (Name, Phone Number)

a. Subject Property Manager:

Wesley Lum, NOAA Facilities Engineering Branch Chief 348-5861

b. Subject Property Occupant:

(none)

c. Subject Property Owner:

Tamas Doszkocs, GSA, (619) 557-5029

9. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

a. No: X

b. Yes (If "Yes" provide further information): _____

10. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

a. No: X

b. Yes (If "Yes" provide further information): _____

11. As the user of this environmental site assessment (ESA), do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes by this business?

a. No: X

b. Yes (If "Yes" provide further information): _____

12. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

a. Yes: X

b. No (If "No" provide further information): _____

13. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as the user,

a. Do you know the past uses of the property? If so, please describe.

US NOAA Honolulu Magnetic Observatory

b. Do you know of specific chemicals that are present or once were present at the property? If so, please describe.

No.

c. Do you know of spills or other chemical releases that have taken place at the property? If so, please describe.

No.

d. Do you know of any environmental cleanups that have taken place at the property? If so, please describe.

No.

14. As the user of the ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence of likely presence of contamination at the property?

No.

15. Are you aware of any of the following:

a. Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?

i. No: X

ii. Yes (If "Yes" provide further information): _____

b. Any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?

i. No: X

ii. Yes (If "Yes" provide further information): _____

- c. Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

i. No: X

ii. Yes (If "Yes" provide further information): _____

16. Any additional concerns regarding the property or any adjoining properties?

No.

SIGNATURE

Print/Type Name: Darrell Ing

Signature: 

Date: 6/3/20

APPENDIX IV
REGULATORY RECORDS DOCUMENTATION (*EDR Radius Map Report*)

DHHL - Ewa Beach Surplus Land

91-270 Fort Weaver Road

Ewa Beach, HI 96706

Inquiry Number: 6086882.2s

June 09, 2020

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	59
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

91-270 FORT WEAVER ROAD
EWA BEACH, HI 96706

COORDINATES

Latitude (North): 21.3144960 - 21° 18' 52.18"
Longitude (West): 157.9984460 - 157° 59' 54.40"
Universal Transverse Mercator: Zone 4
UTM X (Meters): 603876.2
UTM Y (Meters): 2357145.8
Elevation: 3 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5941087 PEARL HARBOR, HI
Version Date: 2013

MAPPED SITES SUMMARY

Target Property Address:
 91-270 FORT WEAVER ROAD
 EWA BEACH, HI 96706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	PEARL HARBOR NAVAL S		DOD	Same	1589, 0.301, ENF
Reg	PEARL HARBOR NAVAL C	US NAVAL COMMAND	NPL, SEMS, US ENG CONTROLS, US INST CONTROLS, ROD	Same	633, 0.120, East
A1	EWA BEACH PROFESSION	91-102 FORT WEAVER R	RGA LUST	Higher	1 ft.
A2	EWA BEACH PROFESSION	91-102 FORT WEAVER R	RGA LUST	Higher	1 ft.
3	JAMES CAMPBELL HIGH	91-980 NORTH ROAD	FINDS, ECHO	Higher	1 ft.
44	EWA BEACH PROFESSION	91-102 FORT WEAVER R	LUST, UST	Higher	1 ft.
5	EWA BEACH GOLF CLUB	91-1153 NORTH RD	UST, Financial Assurance	Higher	473, 0.090, North
3	GENTRY HOMES LTD ARE	91-500 FT WEAVER RD	LUST, UST	Higher	577, 0.109, WSV
7	PUULOLOA-EX NAS BAR PO		FUDS	Higher	1333, 0.252, NN
3	C&CH EWA BEACH FIRE	91-832 POHAKUPUNA RD	LUST, UST	Higher	2223, 0.421, WS
3	PUULOLOA RIFLE RANGE	BLDG 48 TANK 19	LUST, UST, Financial Assurance	Higher	2535, 0.480, ENF
10	EWA BEACH CHEVRON	91-909 FORT WEAVER R	SHWS, SPILLS	Higher	3362, 0.637, We:
11	FORT WEAVER MILITARY		FUDS	Higher	4974, 0.942, Eas

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Landfills in the State of Hawaii

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Control Sites

INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Response Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... SWRCY

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CDL..... Clandestine Drug Lab Listing

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

SPILLS..... Release Notifications
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
UXO..... Unexploded Ordnance Sites
FUELS PROGRAM..... EPA Fuels Program Registered Listing
AIRS..... List of Permitted Facilities
DRYCLEANERS..... Permitted Drycleaner Facility Listing
Financial Assurance..... Financial Assurance Information Listing
LEAD..... LEAD
UIC..... Underground Injection Wells Listing
MINES MRDS..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

EXECUTIVE SUMMARY

RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PEARL HARBOR NAVAL C</i> Cerclis ID: 904481 EPA Id: HI4170090076	<i>US NAVAL COMMAND</i>	<i>E 0 - 1/8 (0.120 mi.)</i>	<i>0</i>	<i>8</i>

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PEARL HARBOR NAVAL C</i> Site ID: 0904481 EPA Id: HI4170090076	<i>US NAVAL COMMAND</i>	<i>E 0 - 1/8 (0.120 mi.)</i>	<i>0</i>	<i>8</i>

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 02/13/2020 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEARL HARBOR NAVAL C EPA ID:: HI4170090076 EPA ID:: HI4170090076	US NAVAL COMMAND	E 0 - 1/8 (0.120 mi.)	0	8

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 02/13/2020 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEARL HARBOR NAVAL C EPA ID:: HI4170090076	US NAVAL COMMAND	E 0 - 1/8 (0.120 mi.)	0	8

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Health.

A review of the SHWS list, as provided by EDR, and dated 04/17/2019 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EWA BEACH CHEVRON	91-909 FORT WEAVER R	W 1/2 - 1 (0.637 mi.)	10	56

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health's Active Leaking Underground Storage Tank Log Listing.

A review of the LUST list, as provided by EDR, and dated 02/25/2020 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EWA BEACH PROFESSION	91-102 FORT WEAVER R	0 - 1/8 (0.000 mi.)	A4	51

EXECUTIVE SUMMARY

Release ID: 940079
 Facility Id: 9-202893
 Facility Status: Site Cleanup Completed (NFA)

GENTRY HOMES LTD ARE **91-500 FT WEAVER RD** **WSW 0 - 1/8 (0.109 mi.)** **6** **53**

Release ID: 940169
 Facility Id: 9-202975
 Facility Status: Site Cleanup Completed (NFA)

C&CH EWA BEACH FIRE **91-832 POHAKUPUNA RD** **WSW 1/4 - 1/2 (0.421 mi.)** **8** **54**

Release ID: 940178
 Facility Id: 9-200071
 Facility Status: Site Cleanup Completed (NFA)

PUULOA RIFLE RANGE **BLDG 48 TANK 19** **ENE 1/4 - 1/2 (0.480 mi.)** **9** **55**

Release ID: 920061
 Facility Id: 9-202092
 Facility Status: Site Cleanup Completed (NFA)

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health's Listing of Underground Storage Tanks.

A review of the UST list, as provided by EDR, and dated 02/25/2020 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EWA BEACH PROFESSION Tank Status: Permanently Out of Use Facility Id: 9-202893 Date Closed: 01/22/1994	91-102 FORT WEAVER R	0 - 1/8 (0.000 mi.)	A4	51
EWA BEACH GOLF CLUB Tank Status: Currently in Use Facility Id: 9-102514	91-1153 NORTH RD	N 0 - 1/8 (0.090 mi.)	5	52
GENTRY HOMES LTD ARE Tank Status: Permanently Out of Use Facility Id: 9-202975 Date Closed: 07/22/1994	91-500 FT WEAVER RD	WSW 0 - 1/8 (0.109 mi.)	6	53

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 01/28/2020 has revealed that there are 2

EXECUTIVE SUMMARY

FUDS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PUULOA-EX NAS BAR PO		NNW 1/4 - 1/2 (0.252 mi.)	7	54
FORT WEAVER MILITARY		E 1/2 - 1 (0.942 mi.)	11	58

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEARL HARBOR NAVAL S		ENE 1/4 - 1/2 (0.301 mi.)	0	8

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/27/2020 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEARL HARBOR NAVAL C EPA ID:: HI4170090076	US NAVAL COMMAND	E 0 - 1/8 (0.120 mi.)	0	8

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/03/2020 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAMES CAMPBELL HIGH Registry ID:: 110070107960	91-980 NORTH ROAD	0 - 1/8 (0.000 mi.)	3	51

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 01/05/2020 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAMES CAMPBELL HIGH Registry ID: 110070107960	91-980 NORTH ROAD	0 - 1/8 (0.000 mi.)	3	51

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 2 RGA LUST sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EWA BEACH PROFESSION Facility ID: 9-202893	91-102 FORT WEAVER R	0 - 1/8 (0.000 mi.)	A1	50
EWA BEACH PROFESSION Facility ID: 9-202893	91-102 FORT WEAVER R	0 - 1/8 (0.000 mi.)	A2	50

EXECUTIVE SUMMARY

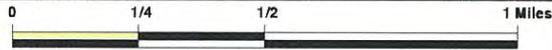
Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

<u>Site Name</u>	<u>Database(s)</u>
BHP GAS EXPRESS STATION 43 ZIPPY'S	SHWS
JACKSON CONSTRUCTION LANDFILL	SHWS

OVERVIEW MAP - 6086882.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites



- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach HI 96706
 LAT/LONG: 21.314496 / 157.998446

CLIENT: Enviro Svcs. and Trng. Center
 CONTACT: Sharla Nakashima
 INQUIRY #: 6086882.2s
 DATE: June 09, 2020 2:00 pm

DETAIL MAP - 6086882.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: DHHL - Ewa Beach Surplus Land ADDRESS: 91-270 Fort Weaver Road Ewa Beach HI 96706 LAT/LONG: 21.314496 / 157.998446</p>	<p>CLIENT: Enviro Srvcs. and Trng. Center CONTACT: Sharla Nakashima INQUIRY #: 6086882.2s DATE: June 09, 2020 2:00 pm</p>
---	--

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROLS	0.500		1	0	0	NR	NR	1
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		2	0	2	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		3	0	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	1	1	NR	2
DOD	1.000		0	0	1	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		1	0	0	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		1	NR	NR	NR	NR	1
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LUST	0.001		2	NR	NR	NR	NR	2
- Totals --		0	15	0	4	2	0	21

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region
ENE
1/4-1/2
1589 ft.

PEARL HARBOR NAVAL STATION
PEARL HARBOR NAVAL STATIO (County), HI

DOD **CUSA147752**
N/A

DOD:
Feature 1: Navy DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Pearl Harbor Naval Station
Name 2: Not reported
Name 3: Not reported
State: HI
DOD Site: Yes
Tile name: HIHONOLULU

NPL
Region
East
< 1/8
633 ft.

PEARL HARBOR NAVAL COMPLEX
US NAVAL COMMAND
PEARL HARBOR, HI 96860

NPL **1000707626**
SEMS **HI4170090076**
US ENG CONTROLS
US INST CONTROLS
ROD
PRP

NPL:
Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
EPA Region: 9
Federal: Y
Final Date: 1992-10-14 00:00:00
Site ID: 904481
Latitude: 21.388888999999999
Site Score: 70.819999999999993
Longitude: -157.98333299999999

NPL:
EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Category Description: Surface Water Adjacent To Site-Other-Unknown
Category Value: WETLAND

NPL:
EPA ID: HI4170090076
Site ID: 0904481
Site Status: F
Federal Site: Y
EPA Region: 09
Date Proposed: 07/29/91
Date Deleted: Not reported
Date Finalized: 10/14/92

NPL:
EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

CAS #:	108-88-3
Pathway:	SOIL EXPOSURE PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U228
Substance:	TRICHLOROETHYLENE (TCE)
CAS #:	79-01-6
Pathway:	SOIL EXPOSURE PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	A023
Substance:	DDE
CAS #:	72-55-9
Pathway:	SURFACE WATER PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	A046
Substance:	POLYCHLORINATED BIPHENYLS
CAS #:	1336-36-3
Pathway:	SURFACE WATER PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	A059
Substance:	BROMODICHLOROMETHANE
CAS #:	75-27-4
Pathway:	AIR PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	A059
Substance:	BROMODICHLOROMETHANE
CAS #:	75-27-4
Pathway:	SOIL EXPOSURE PATHWAY
Scoring:	4
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	C049
Substance:	ETHYLBENZENE
CAS #:	100-41-4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Pathway: SOIL EXPOSURE PATHWAY
Scoring: 2

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: C315
Substance: CHROMIC ACID
CAS #: 7738-94-5
Pathway: NO PATHWAY INDICATED
Scoring: 1

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: C320
Substance: CHROMIUM, HEXAVALENT
CAS #: 18540-29-9
Pathway: NO PATHWAY INDICATED
Scoring: 1

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: C460
Substance: MERCURY
CAS #: 7439-97-6
Pathway: SURFACE WATER PATHWAY
Scoring: 4

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: C497
Substance: STODDARD SOLVENT
CAS #: 8052-41-3
Pathway: NO PATHWAY INDICATED
Scoring: 1

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: C517
Substance: XYLENE, M-
CAS #: 108-38-3
Pathway: SOIL EXPOSURE PATHWAY
Scoring: 2

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: C525
Substance: BROMACIL
CAS #: 314-40-9
Pathway: NO PATHWAY INDICATED
Scoring: 1

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: C573
Substance: DIAZINON
CAS #: 333-41-5
Pathway: NO PATHWAY INDICATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	D004
Substance:	ARSENIC
CAS #:	7440-38-2
Pathway:	GROUND WATER PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	P037
Substance:	DIELDRIN
CAS #:	60-57-1
Pathway:	NO PATHWAY INDICATED
Scoring:	1
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U028
Substance:	BIS(2-ETHYLHEXYL)PHTHALATE
CAS #:	117-81-7
Pathway:	SURFACE WATER PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U036
Substance:	CHLORDANE
CAS #:	57-74-9
Pathway:	SURFACE WATER PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U037
Substance:	CHLOROBENZENE
CAS #:	108-90-7
Pathway:	AIR PATHWAY
Scoring:	3
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U037
Substance:	CHLOROBENZENE
CAS #:	108-90-7
Pathway:	SURFACE WATER PATHWAY
Scoring:	2
EPA ID:	HI4170090076
NPL Status:	Currently on the Final NPL
Substance ID:	U061
Substance:	DDT
CAS #:	50-29-3
Pathway:	SURFACE WATER PATHWAY
Scoring:	3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: U079
Substance: TRANS-DICHLOROETHYLENE, 1,2-
CAS #: 156-60-5
Pathway: AIR PATHWAY
Scoring: 3

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: U079
Substance: TRANS-DICHLOROETHYLENE, 1,2-
CAS #: 156-60-5
Pathway: GROUND WATER PATHWAY
Scoring: 3

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: U079
Substance: TRANS-DICHLOROETHYLENE, 1,2-
CAS #: 156-60-5
Pathway: SOIL EXPOSURE PATHWAY
Scoring: 4

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: AIR PATHWAY
Scoring: 3

EPA ID: HI4170090076
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: SOIL EXPOSURE PATHWAY
Scoring: 4

NPL:

EPA ID: HI4170090076
Summary: Conditions at Proposal July 29, 1991): The Pearl Harbor Naval Complex occupies at least 6,300 acres in Pearl Harbor on the Island of Oahu, Honolulu County, Hawaii. Land around the complex supports agriculture, aquaculture, industry, urban,

EPA ID: HI4170090076
Summary: In 1988, the Navy detected bis 2-ethylhexyl)phthalate in sediment samples taken from a National Wildlife Refuge that borders an abandoned Navy landfill. The refuge contains habitat for four Federally endangered species, as well as wetlands. Pe

EPA ID: HI4170090076
Summary: arl Harbor and nearby portions of the Pacific Ocean contain recreational and commercial fisheries, habitat for endangered species, wetlands, and water-contact recreation areas. The

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

volatile organic compounds in on-site soil also create a

- EPA ID: HI4170090076
 Summary: potential for gases to be released to the atmosphere. Status (October 1992): EPA and the Navy are planning to negotiate a Federal Facilities Agreement under CERCLA Section 120 to cover future activities at the site. The description
- EPA ID: HI4170090076
 Summary: of the site release) is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See FR 5600, February 11, 1991 or subsequent
- EPA ID: HI4170090076
 Summary: FR notices.)
- EPA ID: HI4170090076
 Summary: and commercial uses. The complex consists of these major facilities: Naval Shipyard, Naval Supply Center, Naval Station, Submarine Base, Public Works Center, Inactive Ships, and Navy Magazine (Lualualei Westlock Branch and Waipio Peninsula).
- EPA ID: HI4170090076
 Summary: The Pearl Harbor Naval Complex began operation in 1901 when the Navy received an appropriation to acquire land for a naval station. After the attack by the Japanese on December 7, 1941, industrial activity at the complex skyrocketed, reaching 2
- EPA ID: HI4170090076
 Summary: 4,000 civilians by mid-1943. After World War II, activity declined and has fluctuated with the Navy's requirements. In 1983, the Navy identified 30 potential hazardous waste sources within the six facilities. Subsequently, an additional
- EPA ID: HI4170090076
 Summary: source was identified. The 31 sources include unlined landfills, pesticide disposal pits, chromic acid disposal areas, PCB disposal areas, mercury-contaminated harbor sediments, leaking underground solvent tanks, waste oil facilities, and numerous
- EPA ID: HI4170090076
 Summary: other types of sources resulting from industrial activities at the complex. Six of the sources were initially evaluated, based primarily on toxicity of contaminants present, availability of waste quantity information, sampling results, affected
- EPA ID: HI4170090076
 Summary: populations, and a documented release of a hazardous substance. Many investigations have found hazardous substances -- including mercury, chromium, PCBs, pesticides, trichloroethene, trans-1,2-dichloroethene, and other volatile organic
- EPA ID: HI4170090076
 Summary: compounds -- in soil in the six areas, thus exposing workers on the site (less than 100) to potential contamination. Many of these chemicals have also been found at the remaining 25 areas identified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

to date.) Tetrachloroethene was fo

EPA ID: HI4170090076
Summary: und15.2 feet below ground surface in one area. Soils beneath the site are permeable, facilitating movement of contaminants into ground water. Approximately 110,700 people obtain drinking water from wells within 2 miles of the six sources.

NPL:
EPA ID: HI4170090076
NPL Status: Final
Proposed Date: 07/29/1991
Final Date: 10/14/1992
Deleted Date: Not reported

NPL:
EPA ID: HI4170090076
NPL Name: PEARL HARBOR NAVAL COMPLEX

SEMS:
Site ID: 0904481
EPA ID: HI4170090076
Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
Cong District: 01
FIPS Code: 15003
Latitude: 21.388889
Longitude: -157.983333
FF: Y
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 2000-10-24 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

FF: Y
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1991-07-29 04:00:00
Finish Date: 7/29/1991 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-10-01 04:00:00
Finish Date: 10/1/1980 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 09
Action Code: LW
Action Name: FF RI/FS
SEQ: 2
Start Date: 1993-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 11
Action Code: LV
Action Name: FF RV
SEQ: 4
Start Date: 1993-04-01 05:00:00
Finish Date: 4/1/1994 5:00:00 AM
Qual: S
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 07
Action Code: LW
Action Name: FF RI/FS
SEQ: 9
Start Date: 1993-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 01
Action Code: LV
Action Name: FF RV
SEQ: 5
Start Date: 2000-01-03 05:00:00
Finish Date: 9/14/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 00
Action Code: LZ
Action Name: FF CR
SEQ: 1
Start Date: 2005-05-03 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 14
Action Code: LW
Action Name: FF RI/FS
SEQ: 14
Start Date: 1999-05-15 04:00:00
Finish Date: 9/27/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 17
Action Code: LW
Action Name: FF RI/FS
SEQ: 16
Start Date: 1993-09-30 04:00:00
Finish Date: 7/12/2012 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 16
Action Code: LW
Action Name: FF RI/FS
SEQ: 17
Start Date: 1993-09-30 04:00:00
Finish Date: 9/27/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 12
Action Code: LW
Action Name: FF RI/FS
SEQ: 12
Start Date: 1999-06-10 04:00:00
Finish Date: 9/29/2009 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 08
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 2006-09-28 04:00:00
Finish Date: 9/28/2006 4:00:00 AM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	10
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	2006-09-28 04:00:00
Finish Date:	9/28/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	06
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	2010-07-02 04:00:00
Finish Date:	7/2/2010 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	12
Action Code:	RO
Action Name:	ROD
SEQ:	5
Start Date:	2009-09-29 04:00:00
Finish Date:	9/29/2009 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	13
Action Code:	RO
Action Name:	ROD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

SEQ: 6
Start Date: 2018-09-26 04:00:00
Finish Date: 9/26/2018 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 12
Action Code: LV
Action Name: FF RV
SEQ: 7
Start Date: 2005-12-14 05:00:00
Finish Date: 7/19/2006 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 12
Action Code: LV
Action Name: FF RV
SEQ: 8
Start Date: 2006-06-02 04:00:00
Finish Date: 8/22/2006 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 03
Action Code: RO
Action Name: ROD
SEQ: 10
Start Date: 2010-09-27 04:00:00
Finish Date: 9/27/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

OU: 01
Action Code: RO
Action Name: ROD
SEQ: 12
Start Date: 2007-09-28 04:00:00
Finish Date: 9/28/2007 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 01
Action Code: RO
Action Name: ROD
SEQ: 13
Start Date: 2010-09-14 04:00:00
Finish Date: 9/14/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 05
Action Code: RO
Action Name: ROD
SEQ: 15
Start Date: 2011-09-23 04:00:00
Finish Date: 9/23/2011 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 12
Action Code: RO
Action Name: ROD
SEQ: 17
Start Date: 2009-09-29 04:00:00
Finish Date: 9/29/2009 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 14
Action Code: RO
Action Name: ROD
SEQ: 18
Start Date: 2010-09-27 04:00:00
Finish Date: 9/27/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 17
Action Code: RO
Action Name: ROD
SEQ: 21
Start Date: 2012-07-12 04:00:00
Finish Date: 7/12/2012 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 26
Action Code: EE
Action Name: EE/CA
SEQ: 2
Start Date: 2010-03-18 04:00:00
Finish Date: 3/18/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 26
Action Code: LV
Action Name: FF RV
SEQ: 10
Start Date: 2010-05-07 04:00:00
Finish Date: 5/27/2011 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 03
Action Code: LX
Action Name: FF RD
SEQ: 1
Start Date: 2010-09-27 04:00:00
Finish Date: 10/25/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 03
Action Code: LY
Action Name: FF RA
SEQ: 1
Start Date: 2010-11-22 05:00:00
Finish Date: 8/23/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 12
Action Code: LY
Action Name: FF RA
SEQ: 2
Start Date: 2009-09-29 04:00:00
Finish Date: 1/20/2011 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 16
Action Code: RO
Action Name: ROD
SEQ: 14
Start Date: 2010-09-27 04:00:00
Finish Date: 9/27/2010 4:00:00 AM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	24
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	20
Start Date:	2009-03-03 05:00:00
Finish Date:	9/15/2014 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	01
Action Code:	LY
Action Name:	FF RA
SEQ:	4
Start Date:	2011-06-09 04:00:00
Finish Date:	7/11/2012 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	28
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	23
Start Date:	2011-03-29 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0904481
EPA ID:	HI4170090076
Site Name:	PEARL HARBOR NAVAL COMPLEX
NPL:	F
FF:	Y
OU:	27
Action Code:	LW
Action Name:	FF RI/FS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

SEQ: 24
Start Date: 2011-07-21 04:00:00
Finish Date: 8/22/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 06
Action Code: LY
Action Name: FF RA
SEQ: 3
Start Date: 2011-08-10 04:00:00
Finish Date: 8/27/2012 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 29
Action Code: LW
Action Name: FF RI/FS
SEQ: 25
Start Date: 2011-08-17 04:00:00
Finish Date: 9/14/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 16
Action Code: LV
Action Name: FF RV
SEQ: 9
Start Date: 2007-08-24 04:00:00
Finish Date: 9/27/2007 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

OU: 22
Action Code: LW
Action Name: FF RI/FS
SEQ: 21
Start Date: 2009-03-13 04:00:00
Finish Date: 9/23/2013 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 24
Action Code: RO
Action Name: ROD
SEQ: 24
Start Date: 2014-09-15 04:00:00
Finish Date: 9/15/2014 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 12
Action Code: LV
Action Name: FF RV
SEQ: 3
Start Date: 1995-02-23 05:00:00
Finish Date: 4/1/1997 5:00:00 AM
Qual: P
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1991-07-25 04:00:00
Finish Date: 7/25/1991 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 03
Action Code: LW
Action Name: FF RI/FS
SEQ: 4
Start Date: 1993-09-30 04:00:00
Finish Date: 9/27/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 08
Action Code: LW
Action Name: FF RI/FS
SEQ: 10
Start Date: 1993-09-30 04:00:00
Finish Date: 9/28/2006 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 06
Action Code: LW
Action Name: FF RI/FS
SEQ: 8
Start Date: 1993-09-30 04:00:00
Finish Date: 7/2/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 10
Action Code: LW
Action Name: FF RI/FS
SEQ: 1
Start Date: 1994-08-23 04:00:00
Finish Date: 9/28/2006 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1986-04-01 05:00:00
Finish Date: 4/1/1986 5:00:00 AM
Qual: L
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 06
Action Code: LV
Action Name: FF RV
SEQ: 1
Start Date: 1995-07-17 04:00:00
Finish Date: 8/23/1996 4:00:00 AM
Qual: P
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1992-10-14 04:00:00
Finish Date: 10/14/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 17
Action Code: LX
Action Name: FF RD
SEQ: 2
Start Date: 2012-07-12 04:00:00
Finish Date: 12/13/2014 5:00:00 AM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 17
Action Code: LY
Action Name: FF RA
SEQ: 5
Start Date: 2014-12-13 05:00:00
Finish Date: 3/23/2015 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 30
Action Code: RO
Action Name: ROD
SEQ: 25
Start Date: 2013-03-29 04:00:00
Finish Date: 3/29/2013 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 22
Action Code: RO
Action Name: ROD
SEQ: 26
Start Date: 2013-09-23 04:00:00
Finish Date: 9/23/2013 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 27
Action Code: RO
Action Name: ROD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

SEQ: 27
Start Date: 2016-08-22 04:00:00
Finish Date: 8/22/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 29
Action Code: RO
Action Name: ROD
SEQ: 29
Start Date: 2016-09-14 04:00:00
Finish Date: 9/14/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 11
Action Code: LW
Action Name: FF RI/FS
SEQ: 11
Start Date: 1995-08-01 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 13
Action Code: LW
Action Name: FF RI/FS
SEQ: 13
Start Date: 1995-09-19 04:00:00
Finish Date: 9/26/2018 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

OU: 05
Action Code: LY
Action Name: FF RA
SEQ: 7
Start Date: 2011-09-23 04:00:00
Finish Date: 8/23/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 24
Action Code: LY
Action Name: FF RA
SEQ: 6
Start Date: 2014-09-14 04:00:00
Finish Date: 10/9/2015 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 24
Action Code: LX
Action Name: FF RD
SEQ: 3
Start Date: 2014-09-15 04:00:00
Finish Date: 6/30/2015 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 12
Action Code: LY
Action Name: FF RA
SEQ: 8
Start Date: 2009-09-29 04:00:00
Finish Date: 8/23/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 35
Action Code: NI
Action Name: FF FS
SEQ: 1
Start Date: 2017-03-10 05:00:00
Finish Date: 3/10/2017 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 35
Action Code: RO
Action Name: ROD
SEQ: 31
Start Date: 2017-03-10 05:00:00
Finish Date: 3/10/2017 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 11
Action Code: LV
Action Name: FF RV
SEQ: 2
Start Date: 1995-03-13 05:00:00
Finish Date: 10/30/1996 5:00:00 AM
Qual: P
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 01
Action Code: LW
Action Name: FF RI/FS
SEQ: 5
Start Date: 1993-09-30 04:00:00
Finish Date: 9/14/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 02
Action Code: LW
Action Name: FF RI/FS
SEQ: 3
Start Date: 1993-09-30 04:00:00
Finish Date: 4/5/2016 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1989-08-21 04:00:00
Finish Date: 8/21/1989 4:00:00 AM
Qual: H
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 05
Action Code: LW
Action Name: FF RI/FS
SEQ: 7
Start Date: 1993-09-30 04:00:00
Finish Date: 9/23/2011 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 15
Action Code: LW
Action Name: FF RI/FS
SEQ: 15
Start Date: 1993-09-30 04:00:00
Finish Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 20
Action Code: LW
Action Name: FF RI/FS
SEQ: 18
Start Date: 2006-06-26 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 21
Action Code: LW
Action Name: FF RI/FS
SEQ: 19
Start Date: 2008-04-28 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 09
Action Code: LW
Action Name: FF RI/FS
SEQ: 22
Start Date: 2009-05-29 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 31
Action Code: BD
Action Name: PRP RI/FS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

SEQ: 1
Start Date: 2016-05-29 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0904481
EPA ID: HI4170090076
Site Name: PEARL HARBOR NAVAL COMPLEX
NPL: F
FF: Y
OU: 25
Action Code: EE
Action Name: EE/CA
SEQ: 1
Start Date: 2009-09-28 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Site:

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
Event Code: Not reported
Action Taken Date: 03/10/2017
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 31
Operable Unit: 35
Action Completion Date: 05/19/2017
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Media:

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 1
Action Completion Date: 03/17/2017
Operable Unit: 03
Action Name: FF ESD
Action Taken Date: 02/11/2016
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Action ID: 10
Action Completion Date: 09/30/2010
Operable Unit: 03
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/27/2010
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil Gas
Site ID: 0904481
Action ID: 15
Action Completion Date: 09/30/2011
Operable Unit: 05
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/23/2011
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 26
Action Completion Date: 09/30/2013
Operable Unit: 22
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/23/2013
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Surface Water
Site ID: 0904481
Action ID: 15
Action Completion Date: 09/30/2011
Operable Unit: 05
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/23/2011
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 2
Action Completion Date: 09/30/2006
Operable Unit: 08
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/28/2006

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	3
Action Completion Date:	09/30/2006
Operable Unit:	10
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/28/2006
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	5
Action Completion Date:	09/30/2009
Operable Unit:	12
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/29/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Liquid Waste
Site ID:	0904481
Action ID:	17
Action Completion Date:	09/30/2009
Operable Unit:	12
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/29/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Soil
Site ID:	0904481
Action ID:	21
Action Completion Date:	06/30/2013
Operable Unit:	17
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	07/12/2012
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 29
Action Completion Date: 12/16/2016
Operable Unit: 29
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/14/2016
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 4
Action Completion Date: 09/30/2010
Operable Unit: 06
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 07/02/2010
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 3
Action Completion Date: 09/30/2006
Operable Unit: 10
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/28/2006
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 17
Action Completion Date: 09/30/2009
Operable Unit: 12
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/29/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 14
Action Completion Date: 09/30/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Operable Unit:	16
Action Name:	GOVT Decision Document (ROD)
Action Taken Date:	09/27/2010
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	27
Action Completion Date:	11/15/2016
Operable Unit:	27
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	08/22/2016
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Debris
Site ID:	0904481
Action ID:	12
Action Completion Date:	09/30/2007
Operable Unit:	01
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/28/2007
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	2
Action Completion Date:	09/30/2006
Operable Unit:	08
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/28/2006
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Soil
Site ID:	0904481
Action ID:	31
Action Completion Date:	05/19/2017
Operable Unit:	35
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	03/10/2017
Event Code:	Not reported
Contact Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	31
Action Completion Date:	05/19/2017
Operable Unit:	35
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	03/10/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	14
Action Completion Date:	09/30/2010
Operable Unit:	16
Action Name:	GOVT Decision Document (ROD)
Action Taken Date:	09/27/2010
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	17
Action Completion Date:	09/30/2009
Operable Unit:	12
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/29/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Soil
Site ID:	0904481
Action ID:	15
Action Completion Date:	09/30/2011
Operable Unit:	05
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/23/2011
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Soil

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Site ID: 0904481
 Action ID: 10
 Action Completion Date: 09/30/2010
 Operable Unit: 03
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/27/2010
 Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481
 Action ID: 27
 Action Completion Date: 11/15/2016
 Operable Unit: 27
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 08/22/2016
 Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

EPA ID: HI4170090076
 Contaminated Media: Groundwater
 Site ID: 0904481
 Action ID: 25
 Action Completion Date: 04/30/2013
 Operable Unit: 30
 Action Name: GOVT Decision Document (ROD)
 Action Taken Date: 03/29/2013
 Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

EPA ID: HI4170090076
 Contaminated Media: Debris
 Site ID: 0904481
 Action ID: 24
 Action Completion Date: 09/15/2014
 Operable Unit: 24
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action Taken Date: 09/15/2014
 Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

EPA ID: HI4170090076
 Contaminated Media: Soil
 Site ID: 0904481
 Action ID: 24
 Action Completion Date: 09/15/2014
 Operable Unit: 24
 Action Name: FF ROD (RCRA Statement of Basis/RTC)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Action Taken Date:	09/15/2014
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Groundwater
Site ID:	0904481
Action ID:	15
Action Completion Date:	09/30/2011
Operable Unit:	05
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/23/2011
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Soil
Site ID:	0904481
Action ID:	15
Action Completion Date:	09/30/2011
Operable Unit:	05
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	09/23/2011
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Soil
Site ID:	0904481
Action ID:	4
Action Completion Date:	09/30/2010
Operable Unit:	06
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	07/02/2010
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
EPA ID:	HI4170090076
Contaminated Media:	Solid Waste
Site ID:	0904481
Action ID:	31
Action Completion Date:	05/19/2017
Operable Unit:	35
Action Name:	FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date:	03/10/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 12
Action Completion Date: 09/30/2007
Operable Unit: 01
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/28/2007
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

EPA ID: HI4170090076
Contaminated Media: Soil
Site ID: 0904481
Action ID: 5
Action Completion Date: 09/30/2009
Operable Unit: 12
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action Taken Date: 09/29/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

US INST CONTROLS:

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 18
Operable Unit: 14
Action Completion Date: 09/30/2010
Actual Date: 09/27/2010
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 24
Operable Unit: 24
Action Completion Date: 09/15/2014
Actual Date: 09/15/2014
Contaminated Media: Soil

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 Address 2: Not reported
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 Site ID: 0904481
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action ID: 24
 Operable Unit: 24
 Action Completion Date: 09/15/2014
 Actual Date: 09/15/2014
 Contaminated Media: Debris
 Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 Address 2: Not reported
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 Site ID: 0904481
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action ID: 5
 Operable Unit: 12
 Action Completion Date: 09/30/2009
 Actual Date: 09/29/2009
 Contaminated Media: Soil
 Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 Address 2: Not reported
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 Site ID: 0904481
 Action Name: FF ROD (RCRA Statement of Basis/RTC)
 Action ID: 4
 Operable Unit: 06
 Action Completion Date: 09/30/2010
 Actual Date: 07/02/2010
 Contaminated Media: Soil
 Event Code: Not reported
 Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX

MAP FINDINGS

Site

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 13
Operable Unit: 01
Action Completion Date: 09/30/2010
Actual Date: 09/14/2010
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 15
Operable Unit: 05
Action Completion Date: 09/30/2011
Actual Date: 09/23/2011
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 21
Operable Unit: 17
Action Completion Date: 06/30/2013
Actual Date: 07/12/2012
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Action ID: 18
Operable Unit: 14
Action Completion Date: 09/30/2010
Actual Date: 09/27/2010
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 13
Operable Unit: 01
Action Completion Date: 09/30/2010
Actual Date: 09/14/2010
Contaminated Media: Buildings/Structures
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
Address 2: Not reported
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
Site ID: 0904481
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Action ID: 5
Operable Unit: 12
Action Completion Date: 09/30/2009
Actual Date: 09/29/2009
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

ROD:

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ESD
Operable Unit Number: PWC- MAKALAPA RINSATE PIT
SEQ ID: 1
Action Completion: 2016-02-11 00:00:00
NPL Status: Final
Non NPL Status: Not reported

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: WESTLOCH BLDG 49
SEQ ID: 2
Action Completion: 2006-09-28 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: MANANA STORAGE
SEQ ID: 3
Action Completion: 2006-09-28 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: NSY DRY DOCK #3
SEQ ID: 4
Action Completion: 2010-07-02 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: FORD IS HAZ SITES (SANS LF)
SEQ ID: 5
Action Completion: 2009-09-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9

MAP FINDINGS

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PH SEDIMENT
 SEQ ID: 6
 Action Completion: 2018-09-26 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PWC- MAKALAPA RINSATE PIT
 SEQ ID: 10
 Action Completion: 2010-09-27 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PCB THERMAL DESORPTION SITES
 SEQ ID: 12
 Action Completion: 2007-09-28 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PCB THERMAL DESORPTION SITES
 SEQ ID: 13
 Action Completion: 2010-09-14 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: FORD ISLAND LANDFILL
 SEQ ID: 15
 Action Completion: 2011-09-23 00:00:00

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: FORD IS HAZ SITES (SANS LF)
SEQ ID: 17
Action Completion: 2009-09-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: PEARL CITY JUNCTION
SEQ ID: 18
Action Completion: 2010-09-27 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: NSY BLDG 6, FORMER FOUNDRY
SEQ ID: 21
Action Completion: 2012-07-12 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND
City,State,Zip: PEARL HARBOR, HI 96860
EPA ID: HI4170090076
RG: 9
Site ID: 904481
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: WEST LOCH 4TH ST. CORAL PIT LF
SEQ ID: 24
Action Completion: 2014-09-15 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
Address: US NAVAL COMMAND

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: PWC BUILDING 35 - PAINT SHOP
 SEQ ID: 26
 Action Completion: 2013-09-23 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: WEST LOCH OTTO FUEL WASTE STOR
 SEQ ID: 27
 Action Completion: 2016-08-22 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: BUILDING 992 OPEN AREA
 SEQ ID: 29
 Action Completion: 2016-09-14 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: FF ROD (RCRA Statement of Basis/RTC)
 Operable Unit Number: WEST LOCH VEHICLE MAINTENANCE
 SEQ ID: 31
 Action Completion: 2017-03-10 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: GOVT Decision Document (ROD)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PEARL HARBOR NAVAL COMPLEX (Continued)

1000707626

Operable Unit Number: RICHARDSON- FFTF
 SEQ ID: 14
 Action Completion: 2010-09-27 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

Name: PEARL HARBOR NAVAL COMPLEX
 Address: US NAVAL COMMAND
 City,State,Zip: PEARL HARBOR, HI 96860
 EPA ID: HI4170090076
 RG: 9
 Site ID: 904481
 Action: GOVT Decision Document (ROD)
 Operable Unit Number: RAA 11 AND 13
 SEQ ID: 25
 Action Completion: 2013-03-29 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

PRP:
 PRP Name: OAHU SUGAR COMPANY, LLC
 OAHU SUGAR COMPANY, LLC

A1 **EWA BEACH PROFESSIONAL CENTER** **RGA LUST** **S116401375**
91-102 FORT WEAVER ROAD **N/A**
EWA BEACH, HI

< 1/8
 1 ft.

Site 1 of 3 in cluster A

Relative: RGA LUST:
Higher 1995 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER ROAD

Actual:
3 ft.

A2 **EWA BEACH PROFESSIONAL CENTER** **RGA LUST** **S116401374**
91-102 FORT WEAVER RD **N/A**
EWA BEACH, HI

< 1/8
 1 ft.

Site 2 of 3 in cluster A

Relative: RGA LUST:
Higher 2012 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2011 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2010 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2009 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2008 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2007 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2006 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2005 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2004 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2003 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2002 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2001 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 2000 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 1999 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD
 1998 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD

Actual:
3 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWA BEACH PROFESSIONAL CENTER (Continued)

S116401374

1997 EWA BEACH PROFESSIONAL CENTER 91-102 FORT WEAVER RD

3
JAMES CAMPBELL HIGH SCHOOL NEW CLASSROOM BUILDING
91-980 NORTH ROAD
EWA BEACH, HI 96706

FINDS 1024012929
ECHO N/A

< 1/8
1 ft.

Relative:
Higher

Actual:
13 ft.

FINDS:

Registry ID: 110070107960
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070107960

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1024012929
Registry ID: 110070107960
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070107960>
Name: JAMES CAMPBELL HIGH SCHOOL NEW CLASSROOM BUILDING COMPLEX
Address: 91-980 NORTH ROAD
City,State,Zip: EWA BEACH, HI 96706

A4
EWA BEACH PROFESSIONAL CENTER
91-102 FORT WEAVER RD
EWA BEACH, HI 96706

LUST U003222129
UST N/A

< 1/8
1 ft.

Site 3 of 3 in cluster A

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID: 9-202893
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/08/1995
Release ID: 940079
Project Officer: Steven Okoji

UST:

Facility ID: 9-202893
Owner: ESTATE OF JAMES CAMPBELL
Owner Address: 1001 KAMOKILA BOULEVARD
Owner City,St,Zip: Ewa Beach, 96706 96706
Latitude: 21.31457
Longitude: -157.99381
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching

Tank ID: R-1
Date Installed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWA BEACH PROFESSIONAL CENTER (Continued)

U003222129

Tank Status: Permanently Out of Use
Date Closed: 01/22/1994
Tank Capacity: 550
Substance: Diesel

5
North
< 1/8
0.090 mi.
473 ft.

EWA BEACH GOLF CLUB MAINTENANCE
91-1153 NORTH RD
EWA BEACH, HI 96706

UST **U003346368**
Financial Assurance **N/A**

Relative:
Higher
Actual:
13 ft.

UST:
Facility ID: 9-102514
Owner: YHB Ewa LLC dta Ewa Beach Golf Club
Owner Address: 91-050 FT. WEAVER ROAD
Owner City,St,Zip: Ewa Beach, 96706 96706
Latitude: 21.32695
Longitude: -157.99590000000001
Horizontal Reference Datum Name: NAD27
Horizontal Collection Method Name: GPS

Tank ID: 1
Date Installed: 08/30/1991
Tank Status: **Currently in Use**
Date Closed: Not reported
Tank Capacity: 1000
Substance: Gasohol

Tank ID: 2
Date Installed: 08/30/1991
Tank Status: **Currently in Use**
Date Closed: Not reported
Tank Capacity: 1000
Substance: Diesel

HI Financial Assurance:

Name: EWA BEACH GOLF CLUB MAINTENANCE
Address: 91-1153 NORTH RD
City,State,Zip: EWA BEACH, HI 96706
Alt Facility ID: 9-102514
Tank Id: 2
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 10/18/2012

Name: EWA BEACH GOLF CLUB MAINTENANCE
Address: 91-1153 NORTH RD
City,State,Zip: EWA BEACH, HI 96706
Alt Facility ID: 9-102514
Tank Id: 1
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 10/18/2012

Name: EWA BEACH GOLF CLUB MAINTENANCE
Address: 91-1153 NORTH RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWA BEACH GOLF CLUB MAINTENANCE (Continued)

U003346368

City,State,Zip: EWA BEACH, HI 96706
Alt Facility ID: 9-102514
Tank Id: 2
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 10/14/2019

Name: EWA BEACH GOLF CLUB MAINTENANCE
Address: 91-1153 NORTH RD
City,State,Zip: EWA BEACH, HI 96706
Alt Facility ID: 9-102514
Tank Id: 1
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 10/14/2019

6
WSW
< 1/8
0.109 mi.
577 ft.

GENTRY HOMES LTD AREA 27
91-500 FT WEAVER RD
EWA BEACH, HI 96706

LUST U003222131
UST N/A

Relative:
Higher
Actual:
3 ft.

LUST:
Facility ID: 9-202975
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 12/08/1994
Release ID: 940169
Project Officer: Lene Ichinotsubo

UST:
Facility ID: 9-202975
Owner: GENTRY HOMES, LTD.
Owner Address: 560 N NIMITZ HWY, SUITE 213
Owner City,St,Zip: Ewa Beach, 96706 96706
Latitude: 21.312013
Longitude: -158.005347
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching

Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 07/22/1994
Tank Capacity: 500
Substance: Diesel

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

7
NNW
1/4-1/2
0.252 mi.
1333 ft.

PUULOLOA-EX NAS BAR POINT
EWA, HI

FUDS 1024902149
N/A

Relative:
Higher
Actual:
16 ft.

FUDS:
 EPA Region: 09
 Installation ID: HI99799F410600
 Congressional District Number: 01
 Facility Name: PUULOLOA-EX NAS BAR POINT
 FUDS Number: H09HI0398
 City: EWA
 State: HI
 County: HONOLULU
 Object ID: 6640
 USACE District: Honolulu District (POH)
 Status: Properties with all projects at site closeout
 Current Owner: Private Sector
 EMS Map Link: <https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=54173>
 Eligibility: Eligible
 Has Projects: Yes
 NPL Status: Not Listed
 Latitude: 21.326111109999900
 Longitude: -158.001666669999000

FUDS Detail as of Jan 2015:

Fiscal Year: 2013
 Federal Facility ID: HI9799F4106
 RAB: Not reported
 NPL Status: Not Listed
 Description: The site consists of a 20.52-acre dump and was transferred from the Navy to Campbell Esate in 2/27/51. The dump site consist of a borrow pit and used for aircraft disposal. Twenty-one buildings were constructed. Site visit on 13 July 1995 revealed the dump site was mixed wastes. Other information from former studies indicate that household waste, batteries, and other debris were found.
 History: The project site was part of the Barbers Point Naval Air Station and was part of the Plane Division Aircraft Storage Area. The borrow pit was used as an aircraft disposal area; however, it is noted that other debris from the landowner was also included and therefore a potential PRP is proposed.
 CTC: 25.399999999999999
 Current Program: Not reported
 Future Program: Not reported
 Institutional ID: 54173

8
WSW
1/4-1/2
0.421 mi.
2223 ft.

C&CH EWA BEACH FIRE STATION
91-832 POHAKUPUNA RD
EWA BEACH, HI 96706

LUST U004109509
UST N/A

Relative:
Higher
Actual:
3 ft.

LUST:
 Facility ID: 9-200071
 Facility Status: Site Cleanup Completed (NFA)
 Facility Status Date: 12/26/2001
 Release ID: 940178
 Project Officer: Shunsheng Fu

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C&CH EWA BEACH FIRE STATION (Continued)

U004109509

UST:

Facility ID: 9-200071
Owner: C&C HNL Fire Dept
Owner Address: 560 South King Street
Owner City,St,Zip: Ewa Beach, 96706 96706
Latitude: 21.31129
Longitude: -158.00956600000001
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching

Tank ID: R-1
Date Installed: 06/01/1977
Tank Status: Permanently Out of Use
Date Closed: 09/22/1993
Tank Capacity: 1000
Substance: Diesel

9
ENE
1/4-1/2
0.480 mi.
2535 ft.

PUULOA RIFLE RANGE
BLDG 48 TANK 19
EWA BEACH, HI 96706

LUST U001236490
UST N/A
Financial Assurance

Relative:
Higher
Actual:
3 ft.

LUST:

Facility ID: 9-202092
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 09/25/1998
Release ID: 920061
Project Officer: Richard Takaba

UST:

Facility ID: 9-202092
Owner: USMC - CAMP H.M. SMITH
Owner Address: P.O. BOX 64122 BLDG 600
Owner City,St,Zip: Ewa Beach, 96706 96706
Latitude: 21.318542000000001
Longitude: -157.985479
Horizontal Reference Datum Name: NAD83
Horizontal Collection Method Name: Address Matching

Tank ID: R-19
Date Installed: 04/29/1944
Tank Status: Permanently Out of Use
Date Closed: 10/23/1991
Tank Capacity: 500
Substance: Diesel

HI Financial Assurance:

Name: PUULOA RIFLE RANGE
Address: BLDG 48 TANK 19
City,State,Zip: EWA BEACH, HI 96706
Alt Facility ID: 9-202092
Tank Id: R-19
Tank Status: Permanently Out of Use
FRTYPE: Trust Fund
Expiration Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

10
West
1/2-1
0.637 mi.
3362 ft.

EWA BEACH CHEVRON
91-909 FORT WEAVER RD
EWA BEACH, HI 96706

SHWS **S106816998**
SPILLS **N/A**

Relative:
Higher
Actual:
10 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Service Bay Hydraulic lift and Grease Trap
HID Number:	Not reported
Facility Registry Identifier:	110013781390
Lead Agency:	HEER
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Island:	Oahu
SDAR Environmental Interest Name:	Service Bay Hydraulic lift and Grease Trap
HID Number:	Not reported
Facility Registry Identifier:	110013781390
Lead Agency:	HEER
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Not Necessary
Response:	Response Complete
Nature of Contamination:	Found: Hydraulic Fluid
Nature of Residual Contamination:	Confirmation soil sampling in the two hydraulic lift pits, and the sand and grease trap revealed that all analytes were below HDOH Tier I Action levels.
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	10/05/2004
Document Number:	2004-408-MS
Document Subject:	NFA for Ewa Beach Chevron
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 2385 Waimano Home Rd, Pearl City, HI 96782

SPILLS:

Name:	EWA BEACH CHEVRON
Address:	91-909 FORT WEAVER RD
Address 2:	Not reported
City,State,Zip:	EWA BEACH, HI 96706
Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20031103-1101
Facility Registry ID:	110013781390
HID Number:	Not reported
Lead and Program:	HEER EP&R
ER:	Not reported
Less Or Greater Than:	Not reported
Units:	Service Bay Hydraulic lift and Grease Trap
Activity Type:	Response
Activity Lead:	Liz Galvez

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWA BEACH CHEVRON (Continued)

S106816998

Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Chevron Products Company
Substances:	Petroleum Hydrocarbon
Quantity:	Not reported
Units:	Not reported
Reported Date:	Not reported
Release Date:	Not reported
Release Duration:	Not reported
Media:	Not reported
Waterbody:	Not reported
Summary:	Not reported
Is Noteworthy for Reports:	Not reported
Is the Release a Fugitive Dumping:	Not reported
Tax Map Key:	Not reported
Assigned SOSC:	Not reported
Notified Agencies:	Not reported
Response Measures Taken:	Not reported
Incident Report Number:	Not reported
Coordination Needed:	Not reported
Tier II Facility:	Not reported
RMP:	Not reported
Follow-up Received On:	Not reported
Cost Recovery:	Not reported
Invoice To:	Not reported
Closed Date:	Not reported
Comments:	Not reported
Latitude:	21.336314000000002
Longitude:	-158.022425
Name:	EWA BEACH CHEVRON
Address:	91-909 FORT WEAVER RD
Address 2:	Not reported
City,State,Zip:	EWA BEACH, HI 96706
Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20031103-1101
Facility Registry ID:	110013781390
HID Number:	Not reported
Lead and Program:	HEER EP&R
ER:	Not reported
Less Or Greater Than:	Not reported
Units:	Service Bay Hydraulic lift and Grease Trap
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Chevron Products Company
Substances:	Petroleum Hydrocarbon
Quantity:	Not reported
Units:	Not reported
Reported Date:	Not reported
Release Date:	Not reported
Release Duration:	Not reported
Media:	Not reported
Waterbody:	Not reported
Summary:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EWA BEACH CHEVRON (Continued)

S106816998

Is Noteworthy for Reports: Not reported
Is the Release a Fugitive Dumping: Not reported
Tax Map Key: Not reported
Assigned SOSC: Not reported
Notified Agencies: Not reported
Response Measures Taken: Not reported
Incident Report Number: Not reported
Coordination Needed: Not reported
Tier II Facility: Not reported
RMP: Not reported
Follow-up Received On: Not reported
Cost Recovery: Not reported
Invoice To: Not reported
Closed Date: Not reported
Comments: Not reported
Latitude: 21.317233000000002
Longitude: -158.01326399999999

11
East
1/2-1
0.942 mi.
4974 ft.

FORT WEAVER MILITARY RESERVATION

**FUDS 1024901942
N/A**

EWA BEACH, HI

**Relative:
Higher
Actual:
3 ft.**

FUDS:
EPA Region: 09
Installation ID: HI99799F383200
Congressional District Number: 01
Facility Name: FORT WEAVER MILITARY RESERVATION
FUDS Number: H09HI0092
City: EWA BEACH
State: HI
County: HONOLULU
Object ID: 2961
USACE District: Honolulu District (POH)
Status: Properties without projects
Current Owner: Other Federal Government
EMS Map Link: <https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=62371>
Eligibility: Ineligible
Has Projects: No
NPL Status: Not Listed
Latitude: 21.31666670000000
Longitude: -157.97833332999900

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EWA BEACH	S121405852	BHP GAS EXPRESS STATION 43 ZIPPY'S	91-1669 FORT WEAVER RD	96706	SHWS
EWA BEACH	S118422815	JACKSON CONSTRUCTION LANDFILL	91-891 HAHANUI ST	96706	SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/27/2020
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020	Source: EPA
Date Data Arrived at EDR: 03/25/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (415) 495-8895
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 03/25/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/04/2019	Source: Department of the Navy
Date Data Arrived at EDR: 11/13/2019	Telephone: 843-820-7326
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/14/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/24/2020
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 05/15/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 05/15/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

Federal ERNS list**ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/16/2019	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 12/19/2019	Telephone: 202-267-2180
Date Made Active in Reports: 03/06/2020	Last EDR Contact: 03/24/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS**SHWS: Sites List**

Facilities, sites or areas in which the Office of Hazard Evaluation and Emergency Response has an interest, has investigated or may investigate under HRS 128D (includes CERCLIS sites).

Date of Government Version: 04/17/2019	Source: Department of Health
Date Data Arrived at EDR: 05/21/2019	Telephone: 808-586-4249
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 05/26/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists**SWF/LF: Permitted Landfills in the State of Hawaii**

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/09/2020	Source: Department of Health
Date Data Arrived at EDR: 03/13/2020	Telephone: 808-586-4245
Date Made Active in Reports: 05/29/2020	Last EDR Contact: 03/05/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Varies

State and tribal leaking storage tank lists**LUST: Leaking Underground Storage Tank Database**

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/25/2020	Source: Department of Health
Date Data Arrived at EDR: 02/26/2020	Telephone: 808-586-4228
Date Made Active in Reports: 05/01/2020	Last EDR Contact: 05/29/2020
Number of Days to Update: 65	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3372
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019	Source: EPA Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019	Source: EPA Region 4
Date Data Arrived at EDR: 12/05/2019	Telephone: 404-562-8677
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019	Source: EPA, Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-7439
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-6597
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6271
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/17/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019	Source: FEMA
Date Data Arrived at EDR: 08/28/2019	Telephone: 202-646-5797
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 03/19/2020
Number of Days to Update: 75	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Varies

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/25/2020	Source: Department of Health
Date Data Arrived at EDR: 02/26/2020	Telephone: 808-586-4228
Date Made Active in Reports: 05/01/2020	Last EDR Contact: 05/29/2020
Number of Days to Update: 65	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019	Source: EPA, Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/10/2019	Source: EPA Region 4
Date Data Arrived at EDR: 12/05/2019	Telephone: 404-562-9424
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/01/2019	Source: EPA Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-6136
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-7591
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/04/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6137
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/04/2019	Source: EPA Region 9
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3368
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 05/20/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites

A listing of sites with engineering controls in place.

Date of Government Version: 04/17/2019	Source: Department of Health
Date Data Arrived at EDR: 05/21/2019	Telephone: 404-586-4249
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 05/26/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls

Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 04/17/2019	Source: Department of Health
Date Data Arrived at EDR: 05/21/2019	Telephone: 808-586-4249
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 05/26/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/18/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Response Program Sites

Sites participating in the Voluntary Response Program. The purpose of the VRP is to streamline the cleanup process in a way that will encourage prospective developers, lenders, and purchasers to voluntarily cleanup properties.

Date of Government Version: 04/17/2019	Source: Department of Health
Date Data Arrived at EDR: 05/21/2019	Telephone: 808-586-4249
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 05/26/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites

With certain legal exclusions and additions, the term 'brownfield site' means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 04/17/2019	Source: Department of Health
Date Data Arrived at EDR: 05/21/2019	Telephone: 808-586-4249
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 05/26/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: 202-566-2777
Date Made Active in Reports: 03/06/2020	Last EDR Contact: 06/02/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/29/2020
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWRCY: SWRCY

A listing of recycling and drop-off facilities located in Hawaii.

Date of Government Version: 02/09/2020	Source: Department of Health
Date Data Arrived at EDR: 03/13/2020	Telephone: 808-586-4226
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 03/05/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/16/2020
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/10/2020
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/09/2020
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 05/01/2020
Number of Days to Update: 176	Next Scheduled EDR Contact: 08/10/2020
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/13/2019	Telephone: 202-307-1000
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 05/18/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab site locations.

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 09/10/2010
Date Made Active in Reports: 10/22/2010
Number of Days to Update: 42

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

Local Land Records**LIENS 2: CERCLA Lien Information**

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports**HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/05/2019
Date Data Arrived at EDR: 12/06/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

SPILLS: Release Notifications

Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency Response since 1988.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/21/2020
Number of Days to Update: 63

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/10/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: 202-566-0250
Date Made Active in Reports: 04/24/2020	Last EDR Contact: 05/21/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 05/01/2019	Source: EPA
Date Data Arrived at EDR: 10/23/2019	Telephone: 202-564-4203
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 04/21/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 703-416-0223
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/05/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/20/2019	Telephone: 202-564-8600
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 04/15/2020
Number of Days to Update: 149	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 8	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 04/10/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/26/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/25/2019	Telephone: 301-415-7169
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 04/10/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018	Source: Department of Energy
Date Data Arrived at EDR: 12/04/2019	Telephone: 202-586-8719
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 06/05/2020
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 06/01/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/08/2020
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/03/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/27/2020
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/07/2020	Telephone: 202-564-2280
Date Made Active in Reports: 03/06/2020	Last EDR Contact: 04/07/2020
Number of Days to Update: 59	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020	Source: EPA
Date Data Arrived at EDR: 02/19/2020	Telephone: 800-385-6164
Date Made Active in Reports: 05/14/2020	Last EDR Contact: 05/19/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Quarterly

AIRS: List of Permitted Facilities

A listing of permitted facilities in the state.

Date of Government Version: 03/20/2020	Source: Department of Health
Date Data Arrived at EDR: 03/24/2020	Telephone: 808-586-4200
Date Made Active in Reports: 06/08/2020	Last EDR Contact: 03/20/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facility Listing

A listing of permitted drycleaner facilities in the state.

Date of Government Version: 03/20/2020	Source: Department of Health
Date Data Arrived at EDR: 03/24/2020	Telephone: 808-586-4200
Date Made Active in Reports: 06/08/2020	Last EDR Contact: 03/20/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/11/2020	Source: Department of Health
Date Data Arrived at EDR: 03/12/2020	Telephone: 808-586-4226
Date Made Active in Reports: 05/22/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/21/2020
	Data Release Frequency: Varies

LEAD: Lead Inspection Listing

Lead inspections

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 70

Source: Department of Health
Telephone: 808-586-5800
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing
A listing of underground injection well locations.

Date of Government Version: 02/07/2013
Date Data Arrived at EDR: 02/12/2013
Date Made Active in Reports: 04/09/2013
Number of Days to Update: 56

Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/09/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 191

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A	Source: Department of Health
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Office of Planning

Telephone: 808-587-2895

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DHHL - EWA BEACH SURPLUS LAND
91-270 FORT WEAVER ROAD
EWA BEACH, HI 96706

TARGET PROPERTY COORDINATES

Latitude (North):	21.314496 - 21° 18' 52.19"
Longitude (West):	157.998446 - 157° 59' 54.41"
Universal Transverse Mercator:	Zone 4
UTM X (Meters):	603876.2
UTM Y (Meters):	2357145.8
Elevation:	3 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5941087 PEARL HARBOR, HI
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

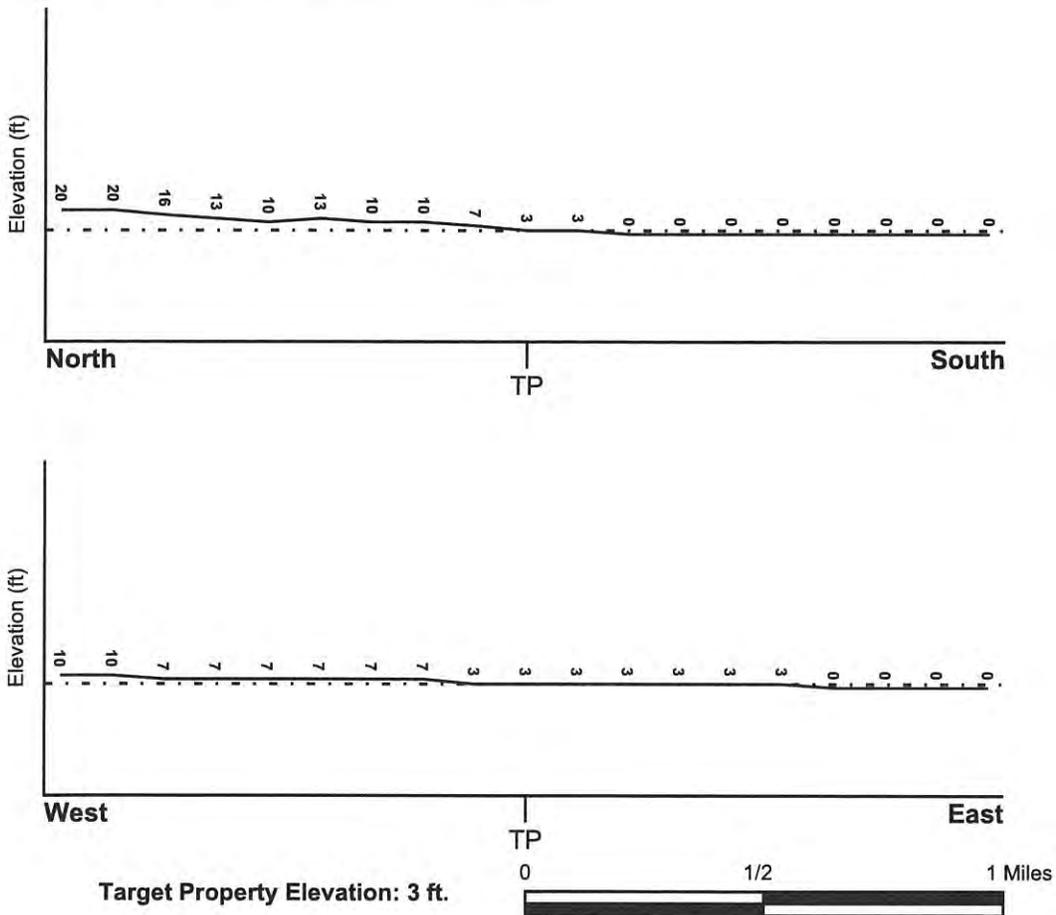
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u> 15003C0328G	<u>FEMA Source Type</u> FEMA FIRM Flood data
<u>Additional Panels in search area:</u> 1500010110D 15003C0329G 1500010135C 15003C0336G	<u>FEMA Source Type</u> FEMA Q3 Flood data FEMA FIRM Flood data FEMA Q3 Flood data FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> NOT AVAILABLE	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	--

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

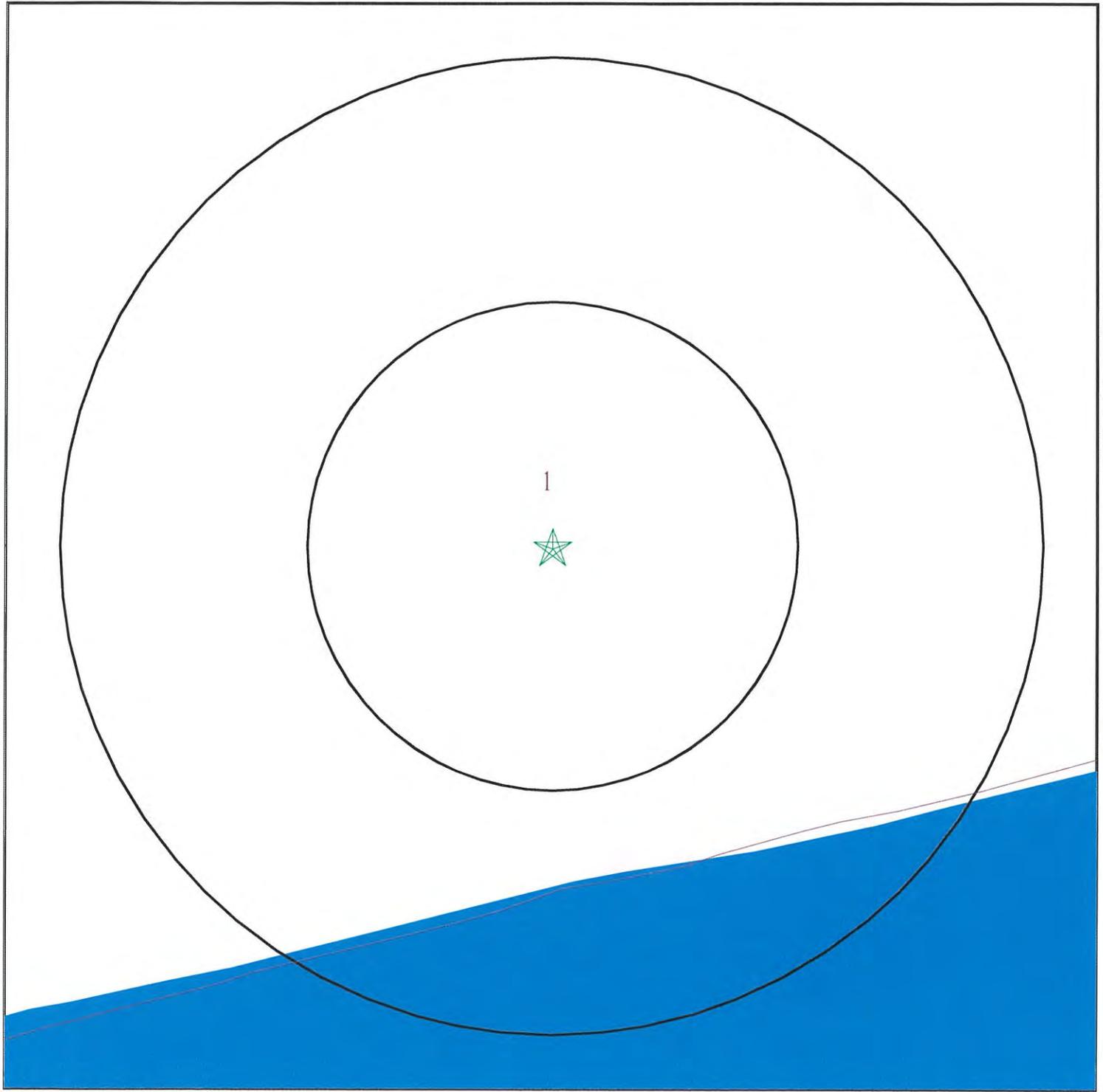
ROCK STRATIGRAPHIC UNIT

Era: -
System: -
Series: -
Code: N/A (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



- ★ Target Property
- ∇ SSURGO Soil
- ∇ Water



<p>SITE NAME: DHHL - Ewa Beach Surplus Land ADDRESS: 91-270 Fort Weaver Road Ewa Beach HI 96706 LAT/LONG: 21.314496 / 157.998446</p>	<p>CLIENT: Enviro Srvcs. and Trng. Center CONTACT: Sharla Nakashima INQUIRY #: 6086882.2s DATE: June 09, 2020 2:00 pm</p>
---	--

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Coral outcrop

Soil Surface Texture: bedrock

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	bedrock	Not reported	Not reported	Max: 42 Min: 1.41	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000269766	0 - 1/8 Mile NW
4	USGS40000269744	1/8 - 1/4 Mile SW
B5	USGS40000269765	1/4 - 1/2 Mile East
B9	USGS40000269770	1/4 - 1/2 Mile East
B10	USGS40000269769	1/4 - 1/2 Mile ENE
C12	USGS40000269743	1/4 - 1/2 Mile WSW
D13	USGS40000269803	1/4 - 1/2 Mile NW
C14	USGS40000269745	1/4 - 1/2 Mile WSW
C15	USGS40000269746	1/4 - 1/2 Mile WSW
C16	USGS40000269747	1/4 - 1/2 Mile WSW
C18	USGS40000269732	1/4 - 1/2 Mile WSW
C19	USGS40000269741	1/4 - 1/2 Mile WSW
E20	USGS40000269809	1/2 - 1 Mile NNW
F22	USGS40000269774	1/2 - 1 Mile West
F24	USGS40000269775	1/2 - 1 Mile West
G25	USGS40000269797	1/2 - 1 Mile WNW
H27	USGS40000269736	1/2 - 1 Mile WSW
H28	USGS40000269735	1/2 - 1 Mile WSW
H29	USGS40000269734	1/2 - 1 Mile WSW
H30	USGS40000269737	1/2 - 1 Mile WSW
H31	USGS40000269740	1/2 - 1 Mile WSW
H32	USGS40000269739	1/2 - 1 Mile WSW
H33	USGS40000269738	1/2 - 1 Mile WSW
I35	USGS40000269824	1/2 - 1 Mile NNW
I37	USGS40000269825	1/2 - 1 Mile NNW
J41	USGS40000269837	1/2 - 1 Mile North
K43	USGS40000269845	1/2 - 1 Mile North
L48	USGS40000269835	1/2 - 1 Mile NW
N49	USGS40000269860	1/2 - 1 Mile North
M50	USGS40000269848	1/2 - 1 Mile NNW
N51	USGS40000269859	1/2 - 1 Mile North
N54	USGS40000269875	1/2 - 1 Mile North
O56	USGS40000269872	1/2 - 1 Mile NNE
P58	USGS40000269876	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	HI1100000000865	0 - 1/8 Mile NW
A3	HI1100000000854	0 - 1/8 Mile NW
6	HI1100000000650	1/4 - 1/2 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B7	HI1100000000995	1/4 - 1/2 Mile East
B8	HI1100000000994	1/4 - 1/2 Mile ENE
B11	HI1100000000996	1/4 - 1/2 Mile ENE
D17	HI1100000000856	1/4 - 1/2 Mile NW
E21	HI1100000000857	1/2 - 1 Mile NNW
E23	HI1100000000858	1/2 - 1 Mile North
G26	HI1100000000853	1/2 - 1 Mile WNW
34	HI1100000000864	1/2 - 1 Mile North
I36	HI1100000000851	1/2 - 1 Mile NNW
I38	HI1100000000849	1/2 - 1 Mile NNW
J39	HI1100000000997	1/2 - 1 Mile North
40	HI1100000000863	1/2 - 1 Mile NNW
J42	HI1100000000850	1/2 - 1 Mile North
44	HI1100000000861	1/2 - 1 Mile NNW
K45	HI1100000000993	1/2 - 1 Mile North
L46	HI1100000000860	1/2 - 1 Mile NW
M47	HI1100000000862	1/2 - 1 Mile NNW
N52	HI1100000000847	1/2 - 1 Mile North
N53	HI1100000000848	1/2 - 1 Mile North
N55	HI1100000000846	1/2 - 1 Mile North
O57	HI1100000000991	1/2 - 1 Mile NNE
P59	HI1100000000852	1/2 - 1 Mile North



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



No contour lines were detected within this map area.

SITE NAME: DHHL - Ewa Beach Surplus Land
 ADDRESS: 91-270 Fort Weaver Road
 Ewa Beach HI 96706
 LAT/LONG: 21.314496 / 157.998446

CLIENT: Enviro Svcs. and Trng. Center
 CONTACT: Sharla Nakashima
 INQUIRY #: 6086882.2s
 DATE: June 09, 2020 2:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NW
0 - 1/8 Mile
Higher

HI WELLS HI1100000000865

Well ID:	3-1900-023	Well Name:	Pac Tsunami Cntr
Well Owner:	National Weather Service		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	0	Year Drilled:	1999
Original Well Name:	Not Reported		
Driller:	Curtis Wong (Naval Facilities Engineering Command Hawaii, Asset Management, NAVFAC Hawaii)		
Well Construction Type:	Rotary	Casing Diameter (in):	8
Ground Elevation (ft):	Not Reported	Well Depth (ft):	9
Solid Casing Depth:	9	Perforated Casing Depth:	Not Reported
Major Well Use:	Landscape/Water Features	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	Not Reported	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

A2
NW
0 - 1/8 Mile
Higher

FED USGS USGS40000269766

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-12 W272-28 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19620316
Well Depth:	25	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

A3
NW
0 - 1/8 Mile
Higher

HI WELLS HI1100000000854

Well ID:	3-1900-012	Well Name:	Ewa Beach
Well Owner:	Pacific Islands Water Science Center, USGS, U.S. Geological Survey		
Land Owner:	Not Reported	Pump Rate (g/m):	Not Reported
Year Drilled:	1962	Original Well Name:	Not Reported
Driller:	Layne International	Well Construction Type:	Not Reported
Casing Diameter (in):	20	Ground Elevation (ft):	5
Well Depth (ft):	25	Solid Casing Depth:	6
Perforated Casing Depth:	Not Reported	Major Well Use:	Observation
Initial Water Level (ft):	0.3	Water Level After Drilling:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Level After Install:	Not Reported	Chloride Content (mg/L):	1120
Date Tested:	Not Reported	Test Pump Rate (g/m):	100
Test Drawdown Rate (ft):	2.7	Test Chloride Content (MG/L):	1150
Test Water Temp:	Not Reported	Temp Unit:	Not Reported
Max Chloride Level:	Not Reported	Minimum Chloride Level:	Not Reported
Draft Year:	Not Reported	Hole Bottom Elevation:	-20
Solid Casing Bottom Elevation:	-1	Year Installed:	Not Reported
Pump Capacity (MM gal/day):	Not Reported	Pump Intake Depth:	Not Reported
Latest Head:	Not Reported	Latest WCR1 Report:	1/1/1962
Latest WCR2 Report:	Not Reported	Transmissivity:	Not Reported
Min to pump 5 volumes:	Not Reported		

4
SW
1/8 - 1/4 Mile
Higher

FED USGS USGS40000269744

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800-01	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720119
Well Depth:	106	Well Depth Units:	ft
Well Hole Depth:	106	Well Hole Depth Units:	ft

B5
East
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269765

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1959-06 T133-1 EWA	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19660625
Well Depth:	290	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

6
WSW
1/4 - 1/2 Mile
Higher

HI WELLS HI110000000650

Well ID:	3-1800-001	Well Name:	Ewa Beach B
Well Owner:	National Weather Service	Land Owner:	Not Reported
Pump Rate (g/m):	0	Year Drilled:	1972
Original Well Name:	Not Reported	Driller:	Continental Drilling Hawaii, Inc
Well Construction Type:	Not Reported	Casing Diameter (in):	4
Ground Elevation (ft):	Not Reported	Well Depth (ft):	106
Solid Casing Depth:	Not Reported	Perforated Casing Depth:	Not Reported
Major Well Use:	Observation	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/19/1972	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

B7
East
1/4 - 1/2 Mile
Higher

HI WELLS HI110000000995

Well ID:	3-1959-006	Well Name:	Ft Weaver Rd
Well Owner:	Department of the Navy, Navy Region Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	0	Year Drilled:	1966
Original Well Name:	Not Reported	Driller:	Layne International
Well Construction Type:	Not Reported	Casing Diameter (in):	3
Ground Elevation (ft):	6	Well Depth (ft):	290
Solid Casing Depth:	290	Perforated Casing Depth:	Not Reported
Major Well Use:	Observation	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-284	Solid Casing Bottom Elevation:	-284
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1966	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

B8
ENE
1/4 - 1/2 Mile
Higher

HI WELLS HI110000000994

Well ID:	3-1959-005	Well Name:	Ft Weaver Rd
Well Owner:	Department of the Navy, Navy Region Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	0	Year Drilled:	1966
Original Well Name:	Not Reported	Driller:	Layne International
Well Construction Type:	Not Reported	Casing Diameter (in):	10
Ground Elevation (ft):	6	Well Depth (ft):	1111
Solid Casing Depth:	290	Perforated Casing Depth:	Not Reported
Major Well Use:	Observation	Initial Water Level (ft):	5.3
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	17600	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-1105	Solid Casing Bottom Elevation:	-284

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1966	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

B9
East
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269770

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1959-05 Fort Weaver Road, Oahu, HI	Description:	former local no. T133
Type:	Well	Drainage Area:	Not Reported
HUC:	20060000	Contrib Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Aquifer:	Hawaii volcanic-rock aquifers
Contrib Drainage Area Unts:	Not Reported	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	1110
Construction Date:	19660725	Well Hole Depth:	1110
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	25	Level reading date:	2002-09-23
Feet below surface:	Not Reported	Feet to sea level:	1.60
Note:	Not Reported		
Level reading date:	2002-08-13	Feet below surface:	Not Reported
Feet to sea level:	1.69	Note:	Not Reported
Level reading date:	2002-05-29	Feet below surface:	Not Reported
Feet to sea level:	1.89	Note:	Not Reported
Level reading date:	2002-05-29	Feet below surface:	Not Reported
Feet to sea level:	1.84	Note:	Not Reported
Level reading date:	2002-03-15	Feet below surface:	Not Reported
Feet to sea level:	1.69	Note:	Not Reported
Level reading date:	2002-01-14	Feet below surface:	Not Reported
Feet to sea level:	1.41	Note:	Not Reported
Level reading date:	2001-11-01	Feet below surface:	Not Reported
Feet to sea level:	1.09	Note:	Not Reported
Level reading date:	2001-09-19	Feet below surface:	Not Reported
Feet to sea level:	0.91		
Note:	Water level was affected by tide stage.		
Level reading date:	2001-08-09	Feet below surface:	Not Reported
Feet to sea level:	0.94		
Note:	Water level was affected by tide stage.		
Level reading date:	2001-06-22	Feet below surface:	Not Reported
Feet to sea level:	1.14		
Note:	Water level was affected by tide stage.		
Level reading date:	2001-04-18	Feet below surface:	Not Reported
Feet to sea level:	1.42		
Note:	Water level was affected by tide stage.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-12-20	Feet below surface:	Not Reported
Feet to sea level:	1.55		
Note:	Water level was affected by tide stage.		
Level reading date:	2000-10-30	Feet below surface:	Not Reported
Feet to sea level:	1.42		
Note:	Water level was affected by tide stage.		
Level reading date:	2000-09-01	Feet below surface:	Not Reported
Feet to sea level:	1.53	Note:	Not Reported
Level reading date:	2000-08-01	Feet below surface:	Not Reported
Feet to sea level:	1.45	Note:	Not Reported
Level reading date:	2000-05-30	Feet below surface:	Not Reported
Feet to sea level:	1.91	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	Not Reported
Feet to sea level:	1.97	Note:	Not Reported
Level reading date:	2000-01-14	Feet below surface:	Not Reported
Feet to sea level:	2.17	Note:	Not Reported
Level reading date:	1999-11-10	Feet below surface:	Not Reported
Feet to sea level:	1.99	Note:	Not Reported
Level reading date:	1999-09-01	Feet below surface:	Not Reported
Feet to sea level:	1.80	Note:	Not Reported
Level reading date:	1999-08-03	Feet below surface:	Not Reported
Feet to sea level:	2.04	Note:	Not Reported
Level reading date:	1999-06-04	Feet below surface:	Not Reported
Feet to sea level:	1.87	Note:	Not Reported
Level reading date:	1999-02-05	Feet below surface:	Not Reported
Feet to sea level:	1.90	Note:	Not Reported
Level reading date:	1998-12-02	Feet below surface:	Not Reported
Feet to sea level:	1.70	Note:	Not Reported
Level reading date:	1998-10-19	Feet below surface:	Not Reported
Feet to sea level:	1.29	Note:	Not Reported

B10
ENE
 1/4 - 1/2 Mile
 Higher

FED USGS USGS40000269769

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1959-07 EWA	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720113
Well Depth:	106	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B11
ENE
1/4 - 1/2 Mile
Higher

HI WELLS HI1100000000996

Well ID:	3-1959-007	Well Name:	Ewa Beach A
Well Owner:	National Weather Service	Land Owner:	Not Reported
Pump Rate (g/m):	0	Year Drilled:	1972
Original Well Name:	Not Reported	Driller:	Continental Drilling Hawaii, Inc
Well Construction Type:	Not Reported	Casing Diameter (in):	4
Ground Elevation (ft):	6	Well Depth (ft):	106
Solid Casing Depth:	Not Reported	Perforated Casing Depth:	Not Reported
Major Well Use:	Observation	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-100	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/13/1972	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

C12
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269743

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.04B	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720805
Well Depth:	65	Well Depth Units:	ft
Well Hole Depth:	65	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	2	Level reading date:	1972-08-01
Feet below surface:	5.75	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1972-08-01	Feet below surface:	5.75
Feet to sea level:	Not Reported	Note:	Not Reported

D13
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269803

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-14 EWA	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720121
Well Depth:	106	Well Depth Units:	ft
Well Hole Depth:	106	Well Hole Depth Units:	ft

C14
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269745

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.01A	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19710101
Well Depth:	50	Well Depth Units:	ft
Well Hole Depth:	50	Well Hole Depth Units:	ft

C15
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269746

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.01B	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19710101
Well Depth:	50	Well Depth Units:	ft
Well Hole Depth:	50	Well Hole Depth Units:	ft

C16
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269747

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.01C	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19710101
Well Depth:	50	Well Depth Units:	ft
Well Hole Depth:	50	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D17
NW
1/4 - 1/2 Mile
Higher

HI WELLS HI1100000000856

Well ID:	3-1900-014	Well Name:	Ewa Beach C
Well Owner:	National Weather Service	Land Owner:	Not Reported
Pump Rate (g/m):	0	Year Drilled:	1972
Original Well Name:	Not Reported	Driller:	Continental Drilling Hawaii, Inc
Well Construction Type:	Not Reported	Casing Diameter (in):	4
Ground Elevation (ft):	Not Reported	Well Depth (ft):	106
Solid Casing Depth:	Not Reported	Perforated Casing Depth:	Not Reported
Major Well Use:	Observation	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/21/1972	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

C18
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269732

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.03A-H	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720101
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	30	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1972-01-01
Feet below surface:	6.00	Feet to sea level:	Not Reported
Note:	Not Reported		

C19
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000269741

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.04A	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720805

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	43	Well Depth Units:	ft
Well Hole Depth:	75	Well Hole Depth Units:	ft
Ground water levels, Number of Measurements:		1	Level reading date:
Feet below surface:	5.75		1972-08-01
Note:	Not Reported	Feet to sea level:	Not Reported

E20
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000269809

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-15 EWA	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19720127
Well Depth:	126	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

E21
NNW
1/2 - 1 Mile
Higher

HI WELLS HI1100000000857

Well ID:	3-1900-015	Well Name:	Ewa Beach D
Well Owner:	National Weather Service	Land Owner:	Not Reported
Pump Rate (g/m):	0	Year Drilled:	1972
Original Well Name:	Not Reported	Driller:	Continental Drilling Hawaii, Inc
Well Construction Type:	Not Reported	Casing Diameter (in):	4
Ground Elevation (ft):	Not Reported	Well Depth (ft):	126
Solid Casing Depth:	Not Reported	Perforated Casing Depth:	Not Reported
Major Well Use:	Observation	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/27/1972	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

F22
West
1/2 - 1 Mile
Higher

FED USGS USGS40000269774

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900.01A	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740101
Well Depth:	83	Well Depth Units:	ft
Well Hole Depth:	83	Well Hole Depth Units:	ft

E23
North
1/2 - 1 Mile
Higher

HI WELLS HI1100000000858

Well ID:	3-1900-016	Well Name:	New Ewa Intl G C
Well Owner:	Sogo Hawaii, Inc.	Land Owner:	YHB Ewa LLC
Pump Rate (g/m):	Not Reported	Year Drilled:	1988
Original Well Name:	Not Reported	Driller:	Roscoe Moss Hawaii Inc
Well Construction Type:	Percussion	Casing Diameter (in):	8
Ground Elevation (ft):	14	Well Depth (ft):	33
Solid Casing Depth:	13	Perforated Casing Depth:	33
Major Well Use:	Golf Course Irrigation	Initial Water Level (ft):	2.12
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	3/18/1988
Test Pump Rate (g/m):	350	Test Drawdown Rate (ft):	3.7
Test Chloride Content (MG/L):	540	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-19	Solid Casing Bottom Elevation:	-1
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	3/1/1988	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

F24
West
1/2 - 1 Mile
Higher

FED USGS USGS40000269775

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900.01B	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19740101
Well Depth:	50	Well Depth Units:	ft
Well Hole Depth:	50	Well Hole Depth Units:	ft

G25
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40000269797

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-11 W272-24 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19410711
Well Depth:	50	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

G26
WNW
1/2 - 1 Mile
Higher

HI WELLS HI1100000000853

Well ID:	3-1900-011	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	Not Reported	Year Drilled:	1941
Original Well Name:	Not Reported	Driller:	W. Mullin
Well Construction Type:	Not Reported	Casing Diameter (in):	6
Ground Elevation (ft):	Not Reported	Well Depth (ft):	50
Solid Casing Depth:	22	Perforated Casing Depth:	Not Reported
Major Well Use:	Unused	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	1070	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1941	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

H27
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000269736

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.02C	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730731
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	30	Well Hole Depth Units:	ft

H28
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000269735

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.02B	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730731
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	30	Well Hole Depth Units:	ft

H29
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000269734

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.02A	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19710101
Well Depth:	60	Well Depth Units:	ft
Well Hole Depth:	60	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	1	Level reading date:	1971-01-01
Feet below surface:	6.00	Feet to sea level:	Not Reported
Note:	Not Reported		

H30
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000269737

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.02D	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730731
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	30	Well Hole Depth Units:	ft

H31
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000269740

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.02G	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730731
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	30	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H32
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000269739

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.02F	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730731
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	30	Well Hole Depth Units:	ft

H33
WSW
1/2 - 1 Mile
Higher

FED USGS USGS40000269738

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1800.02E	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19730731
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	30	Well Hole Depth Units:	ft

34
North
1/2 - 1 Mile
Higher

HI WELLS HI1100000000864

Well ID:	3-1900-022	Well Name:	Dug C
Well Owner:	Ewa Beach Golf Club	Land Owner:	YHB Ewa LLC
Pump Rate (g/m):	Not Reported	Year Drilled:	1988
Original Well Name:	Not Reported	Driller:	Not Reported
Well Construction Type:	Dug	Casing Diameter (in):	Not Reported
Ground Elevation (ft):	Not Reported	Well Depth (ft):	12
Solid Casing Depth:	Not Reported	Perforated Casing Depth:	Not Reported
Major Well Use:	Golf Course Irrigation	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1988	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

I35
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000269824

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-09 W272-19 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19410610
Well Depth:	31	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

I36
NNW
1/2 - 1 Mile
Higher

HI WELLS HI1100000000851

Well ID:	3-1900-009	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii	Pump Rate (g/m):	Not Reported
Land Owner:	YHB Ewa LLC	Original Well Name:	Not Reported
Year Drilled:	1941	Well Construction Type:	Not Reported
Driller:	Layne International	Ground Elevation (ft):	Not Reported
Casing Diameter (in):	6	Solid Casing Depth:	26
Well Depth (ft):	31	Major Well Use:	Unused
Perforated Casing Depth:	Not Reported	Water Level After Drilling:	Not Reported
Initial Water Level (ft):	Not Reported	Chloride Content (mg/L):	1050
Water Level After Install:	Not Reported	Test Pump Rate (g/m):	Not Reported
Date Tested:	Not Reported	Test Chloride Content (MG/L):	Not Reported
Test Drawdown Rate (ft):	Not Reported	Temp Unit:	Not Reported
Test Water Temp:	Not Reported	Minimum Chloride Level:	Not Reported
Max Chloride Level:	Not Reported	Hole Bottom Elevation:	Not Reported
Draft Year:	Not Reported	Year Installed:	Not Reported
Solid Casing Bottom Elevation:	Not Reported	Pump Intake Depth:	Not Reported
Pump Capacity (MM gal/day):	Not Reported	Latest WCR1 Report:	1/1/1941
Latest Head:	Not Reported	Transmissivity:	Not Reported
Latest WCR2 Report:	Not Reported		
Min to pump 5 volumes:	Not Reported		

I37
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000269825

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-07 W272-17 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19410603
Well Depth:	31	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I38
NNW
1/2 - 1 Mile
Higher

HI WELLS HI1100000000849

Well ID:	3-1900-007	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	YHB Ewa LLC	Pump Rate (g/m):	Not Reported
Year Drilled:	1941	Original Well Name:	Not Reported
Driller:	Layne International	Well Construction Type:	Not Reported
Casing Diameter (in):	6	Ground Elevation (ft):	Not Reported
Well Depth (ft):	31	Solid Casing Depth:	29
Perforated Casing Depth:	Not Reported	Major Well Use:	Unused
Initial Water Level (ft):	Not Reported	Water Level After Drilling:	Not Reported
Water Level After Install:	Not Reported	Chloride Content (mg/L):	0
Date Tested:	Not Reported	Test Pump Rate (g/m):	Not Reported
Test Drawdown Rate (ft):	30	Test Chloride Content (MG/L):	Not Reported
Test Water Temp:	Not Reported	Temp Unit:	Not Reported
Max Chloride Level:	Not Reported	Minimum Chloride Level:	Not Reported
Draft Year:	Not Reported	Hole Bottom Elevation:	Not Reported
Solid Casing Bottom Elevation:	Not Reported	Year Installed:	Not Reported
Pump Capacity (MM gal/day):	Not Reported	Pump Intake Depth:	Not Reported
Latest Head:	Not Reported	Latest WCR1 Report:	1/1/1941
Latest WCR2 Report:	Not Reported	Transmissivity:	Not Reported
Min to pump 5 volumes:	Not Reported		

J39
North
1/2 - 1 Mile
Higher

HI WELLS HI1100000000997

Well ID:	3-1959-008	Well Name:	Dug D
Well Owner:	Ewa Beach Golf Club	Land Owner:	YHB Ewa LLC
Pump Rate (g/m):	Not Reported	Year Drilled:	1988
Original Well Name:	Not Reported	Driller:	Not Reported
Well Construction Type:	Dug	Casing Diameter (in):	Not Reported
Ground Elevation (ft):	Not Reported	Well Depth (ft):	12
Solid Casing Depth:	Not Reported	Perforated Casing Depth:	Not Reported
Major Well Use:	Golf Course Irrigation	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1988	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

40
NNW
1/2 - 1 Mile
Higher

HI WELLS HI1100000000863

Well ID:	3-1900-021	Well Name:	New Ewa Intl G C
Well Owner:	Ewa Beach Golf Club	Land Owner:	YHB Ewa LLC
Pump Rate (g/m):	180	Year Drilled:	1991
Original Well Name:	Not Reported	Driller:	Roscoe Moss Hawaii Inc
Well Construction Type:	Percussion	Casing Diameter (in):	12
Ground Elevation (ft):	18	Well Depth (ft):	30
Solid Casing Depth:	15	Perforated Casing Depth:	30
Major Well Use:	Golf Course Irrigation	Initial Water Level (ft):	1
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	4/3/1991
Test Pump Rate (g/m):	250	Test Drawdown Rate (ft):	4.1
Test Chloride Content (MG/L):	420	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-12	Solid Casing Bottom Elevation:	3
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	0.259
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	4/1/1991	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

J41
North
1/2 - 1 Mile
Higher

FED USGS USGS40000269837

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-08 W272-18 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19410606
Well Depth:	31	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

J42
North
1/2 - 1 Mile
Higher

HI WELLS HI1100000000850

Well ID:	3-1900-008	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command	Hawaii, Environmental, NAVFAC Hawaii	
Land Owner:	YHB Ewa LLC	Pump Rate (g/m):	Not Reported
Year Drilled:	1941	Original Well Name:	Not Reported
Driller:	Layne International	Well Construction Type:	Not Reported
Casing Diameter (in):	6	Ground Elevation (ft):	Not Reported
Well Depth (ft):	28	Solid Casing Depth:	26
Perforated Casing Depth:	Not Reported	Major Well Use:	Unused
Initial Water Level (ft):	Not Reported	Water Level After Drilling:	Not Reported
Water Level After Install:	Not Reported	Chloride Content (mg/L):	1080
Date Tested:	Not Reported	Test Pump Rate (g/m):	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Test Drawdown Rate (ft):	Not Reported	Test Chloride Content (MG/L):	Not Reported
Test Water Temp:	Not Reported	Temp Unit:	Not Reported
Max Chloride Level:	Not Reported	Minimum Chloride Level:	Not Reported
Draft Year:	Not Reported	Hole Bottom Elevation:	Not Reported
Solid Casing Bottom Elevation:	Not Reported	Year Installed:	Not Reported
Pump Capacity (MM gal/day):	Not Reported	Pump Intake Depth:	Not Reported
Latest Head:	Not Reported	Latest WCR1 Report:	1/1/1941
Latest WCR2 Report:	Not Reported	Transmissivity:	Not Reported
Min to pump 5 volumes:	Not Reported		

K43
North
1/2 - 1 Mile
Higher

FED USGS USGS40000269845

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1959-04 W272-22 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19410619
Well Depth:	60	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

44
NNW
1/2 - 1 Mile
Higher

HI WELLS HI110000000861

Well ID:	3-1900-019	Well Name:	Haw Prince Irr 4
Well Owner:	Hawaii Prince Golf Club	Land Owner:	Hawaii Prince Hotel Waikiki LLC
Pump Rate (g/m):	210	Year Drilled:	1990
Original Well Name:	Not Reported	Driller:	Roscoe Moss Hawaii Inc
Well Construction Type:	Percussion	Casing Diameter (in):	15
Ground Elevation (ft):	20	Well Depth (ft):	25
Solid Casing Depth:	17	Perforated Casing Depth:	25
Major Well Use:	Golf Course Irrigation	Initial Water Level (ft):	1.3
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	1/15/1990
Test Pump Rate (g/m):	210	Test Drawdown Rate (ft):	1.7
Test Chloride Content (MG/L):	560	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-5	Solid Casing Bottom Elevation:	3
Year Installed:	1992	Pump Capacity (MM gal/day):	0.302
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1990	Latest WCR2 Report:	1/22/1992
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

K45
North
1/2 - 1 Mile
Higher

HI WELLS HI1100000000993

Well ID:	3-1959-004	Well Name:	Puuloa
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	Not Reported	Year Drilled:	1941
Original Well Name:	Not Reported	Driller:	W. Mullin
Well Construction Type:	Not Reported	Casing Diameter (in):	6
Ground Elevation (ft):	Not Reported	Well Depth (ft):	60
Solid Casing Depth:	17	Perforated Casing Depth:	Not Reported
Major Well Use:	Unused	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	1010	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1941	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

L46
NW
1/2 - 1 Mile
Higher

HI WELLS HI1100000000860

Well ID:	3-1900-018	Well Name:	Haw Prince Irr 3
Well Owner:	Hawaii Prince Golf Club	Land Owner:	Hawaii Prince Hotel Waikiki LLC
Pump Rate (g/m):	210	Year Drilled:	1990
Original Well Name:	Not Reported	Driller:	Roscoe Moss Hawaii Inc
Well Construction Type:	Percussion	Casing Diameter (in):	15
Ground Elevation (ft):	20	Well Depth (ft):	25
Solid Casing Depth:	17	Perforated Casing Depth:	25
Major Well Use:	Golf Course Irrigation	Initial Water Level (ft):	0.5
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	1/12/1990
Test Pump Rate (g/m):	210	Test Drawdown Rate (ft):	0.8
Test Chloride Content (MG/L):	700	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-5	Solid Casing Bottom Elevation:	3
Year Installed:	1992	Pump Capacity (MM gal/day):	0.302
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1990	Latest WCR2 Report:	1/22/1992
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M47
NNW
1/2 - 1 Mile
Higher

HI WELLS HI1100000000862

Well ID:	3-1900-020	Well Name:	Haw Prince Irr 5
Well Owner:	Hawaii Prince Golf Club	Land Owner:	Hawaii Prince Hotel Waikiki LLC
Pump Rate (g/m):	210	Year Drilled:	1990
Original Well Name:	Not Reported	Driller:	Roscoe Moss Hawaii Inc
Well Construction Type:	Percussion	Casing Diameter (in):	15
Ground Elevation (ft):	20	Well Depth (ft):	25
Solid Casing Depth:	17	Perforated Casing Depth:	25
Major Well Use:	Golf Course Irrigation	Initial Water Level (ft):	0.8
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	0	Date Tested:	1/17/1990
Test Pump Rate (g/m):	210	Test Drawdown Rate (ft):	0.5
Test Chloride Content (MG/L):	600	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-5	Solid Casing Bottom Elevation:	3
Year Installed:	1992	Pump Capacity (MM gal/day):	0.302
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1990	Latest WCR2 Report:	1/27/1992
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

L48
NW
1/2 - 1 Mile
Higher

FED USGS USGS40000269835

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-19 HAWAII PRINCE W-4	Description:	Not Reported
Type:	Well	Drainage Area:	Not Reported
HUC:	20060000	Contrib Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Aquifer:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	25
Construction Date:	19900113	Well Hole Depth:	25
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	1	Level reading date:	1990-01-15
Feet below surface:	18.6	Feet to sea level:	Not Reported
Note:	Not Reported		

N49
North
1/2 - 1 Mile
Higher

FED USGS USGS40000269860

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-05 W272-14 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	Not Reported	Construction Date:	19410206
Well Depth:	28	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**M50
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS40000269848

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-20 HAWAII PRINCE W-5	Description:	Not Reported
Type:	Well	Drainage Area:	Not Reported
HUC:	20060000	Contrib Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Aquifer:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	25
Construction Date:	19900116	Well Hole Depth:	25
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	2	Level reading date:	1990-01-17
Feet below surface:	19.3	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1990-01-17	Feet below surface:	19.3
Feet to sea level:	Not Reported	Note:	Not Reported

**N51
North
1/2 - 1 Mile
Higher**

FED USGS USGS40000269859

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-06 W272-15 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19410208
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**N52
North
1/2 - 1 Mile
Higher**

HI WELLS HI110000000847

Well ID:	3-1900-005	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	Not Reported	Year Drilled:	1941
Original Well Name:	Not Reported	Driller:	Layne International
Well Construction Type:	Not Reported	Casing Diameter (in):	6
Ground Elevation (ft):	Not Reported	Well Depth (ft):	28
Solid Casing Depth:	20	Perforated Casing Depth:	Not Reported
Major Well Use:	Abandoned-Lost	Initial Water Level (ft):	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	1050	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1941	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

N53
North
1/2 - 1 Mile
Higher

HI WELLS HI110000000848

Well ID:	3-1900-006	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	Not Reported	Year Drilled:	1941
Original Well Name:	Not Reported	Driller:	Layne International
Well Construction Type:	Not Reported	Casing Diameter (in):	6
Ground Elevation (ft):	Not Reported	Well Depth (ft):	30
Solid Casing Depth:	22	Perforated Casing Depth:	Not Reported
Major Well Use:	Abandoned-Lost	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	1100	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1941	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

N54
North
1/2 - 1 Mile
Higher

FED USGS USGS40000269875

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-04 W272-6 EWA	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19390101
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N55
North
1/2 - 1 Mile
Higher

HI WELLS HI110000000846

Well ID:	3-1900-004	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	Not Reported	Year Drilled:	1939
Original Well Name:	Not Reported	Driller:	W. Mullin
Well Construction Type:	Not Reported	Casing Diameter (in):	6
Ground Elevation (ft):	15	Well Depth (ft):	37
Solid Casing Depth:	20	Perforated Casing Depth:	Not Reported
Major Well Use:	Abandoned-Lost	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	905	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-22	Solid Casing Bottom Elevation:	-5
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1939	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

O56
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000269872

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1959-02 W272-5 EWA	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19390101
Well Depth:	30	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

O57
NNE
1/2 - 1 Mile
Higher

HI WELLS HI110000000991

Well ID:	3-1959-002	Well Name:	Puuloa
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	Not Reported	Year Drilled:	1939
Original Well Name:	Not Reported	Driller:	W. Mullin
Well Construction Type:	Not Reported	Casing Diameter (in):	6
Ground Elevation (ft):	15	Well Depth (ft):	30
Solid Casing Depth:	20	Perforated Casing Depth:	Not Reported
Major Well Use:	Unused	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chloride Content (mg/L):	1110	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	-15	Solid Casing Bottom Elevation:	-5
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1939	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

P58
North
1/2 - 1 Mile
Higher

FED USGS USGS40000269876

Organization ID:	USGS-HI	Organization Name:	USGS Hawaii Water Science Center
Monitor Location:	3-1900-10 W272-20 EW	Type:	Well
Description:	Not Reported	HUC:	20060000
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19410616
Well Depth:	32	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

P59
North
1/2 - 1 Mile
Higher

HI WELLS HI110000000852

Well ID:	3-1900-010	Well Name:	Barbers Point
Well Owner:	Naval Facilities Engineering Command Hawaii, Environmental, NAVFAC Hawaii		
Land Owner:	Department of the Navy, Navy Region Hawaii		
Pump Rate (g/m):	Not Reported	Year Drilled:	1941
Original Well Name:	Not Reported	Driller:	Layne International
Well Construction Type:	Not Reported	Casing Diameter (in):	6
Ground Elevation (ft):	Not Reported	Well Depth (ft):	32
Solid Casing Depth:	26	Perforated Casing Depth:	Not Reported
Major Well Use:	Abandoned-Lost	Initial Water Level (ft):	Not Reported
Water Level After Drilling:	Not Reported	Water Level After Install:	Not Reported
Chloride Content (mg/L):	1020	Date Tested:	Not Reported
Test Pump Rate (g/m):	Not Reported	Test Drawdown Rate (ft):	Not Reported
Test Chloride Content (MG/L):	Not Reported	Test Water Temp:	Not Reported
Temp Unit:	Not Reported	Max Chloride Level:	Not Reported
Minimum Chloride Level:	Not Reported	Draft Year:	Not Reported
Hole Bottom Elevation:	Not Reported	Solid Casing Bottom Elevation:	Not Reported
Year Installed:	Not Reported	Pump Capacity (MM gal/day):	Not Reported
Pump Intake Depth:	Not Reported	Latest Head:	Not Reported
Latest WCR1 Report:	1/1/1941	Latest WCR2 Report:	Not Reported
Transmissivity:	Not Reported	Min to pump 5 volumes:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for HONOLULU County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 96706

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	-0.150 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	-0.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Office of Planning

Telephone: 808-587-2895

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Well Index Database

Source: Commission on Water Resource Management

Telephone: 808-587-0214

CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii.

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX V
QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

PROFESSIONAL QUALIFICATIONS

Name: **Doug Heard**

Title: Environmental Scientist

Education: BS, Geology, California State University Fresno, 1988

Training: OSHA 40 Hour HAZWOPER
California Professional Geologist, PG No. 7071, June 2000

Experience: EnviroServices & Training Center, LLC, Environmental Scientist, 2019 to Present.
BSK Associates, Senior Geologist, 2018 - 2019.
Geocon Consultants Inc. Senior Geologist, 2017 – 2018
Kleinfelder Inc., Staff and Senior Geologist, 1988 - 2017

Mr. Heard has worked extensively as client liaison with various regulatory agencies and has strong technical and project management skills in working with both public and private sector clients including municipal, industrial, agricultural, public utility, and commercial sites. He has conducted, managed and provided technical oversight on numerous soil, soil vapor and groundwater investigation and remediation projects, Phase I & II Environmental Site Assessments and Preliminary Environmental Assessments. Mr. Heard's experience includes expert witness deposition and testimony, development of various work plans, corrective action plans, problem assessment reports, waste discharge reports (WDRs) and implementing monitoring and reporting programs (M&RPs). Mr. Heard's project management responsibilities include supervision of drilling operations, preparation of groundwater sampling and laboratory analysis programs for environmental clients, and technical oversight of staff.

PAST PROJECT EXPERIENCE

Doug Heard

Phase I Environmental Site Assessments on the Islands of Oahu, Hawaii, and California; Environmental Professional. Mr. Heard has conducted numerous Phase I environmental site assessments throughout the State of California and recently in Hawaii in accordance with generally accepted Phase I industry protocol as described in the ASTM E-1527 standard and to satisfy "all appropriate inquiry" as defined in 42 United States Code (U.S.C.) §9601(35)(B). Work sites included commercial, industrial, agricultural, condemned, and residential land ranging in size from small properties (less than 2.0 acres) to larger properties (greater than 300.0 acres).

Phase II Environmental Site Assessments/Site Screening Assessments on the Island of Oahu and in California; Project Manager. Mr. Heard has performed numerous Phase II environmental site assessments and site screening assessments throughout the State of California and recently in Hawaii. Projects included surface soil investigation utilizing both multi-incremental and discrete sampling protocols and subsurface soil/groundwater investigations using hand tools, direct-push rig, and hollow-stem augering techniques. Contaminants investigated included petroleum/petroleum-related compounds, chlorinated solvents, heavy metals, pesticides/herbicides, PCBs, and dioxins/furans.

Underground Storage Tank (UST) Closure and Release Response; Project Manager. Mr. Heard has closed numerous UST systems throughout the State of California. Closure and release response activities were performed in accordance with the Regional Water Quality Control Board (RWQCB) and various county Department of Health Regulations. Duties included coordination and management of various subcontractors, documentation of closure (both removal and close in place), release assessment sample collection, site remediation, waste profiling/disposal, communication with State and County regulators, and report preparation.

Preliminary Environmental Assessments (PEAs); Senior Geologist/Project Manager. Mr. Heard managed numerous PEA-related projects, primarily for proposed school sites or school expansion areas and a metal plating facility. The PEA projects were conducted based on the Cal/EPA Department of Toxic Substances Control (DTSC) guidelines and protocol and were conducted with DTSC review and approval during the PEA process. The PEAs included Phase I Assessments, development of workplans, implementation of approved workplans, reporting, and if needed development of remedial action workplans, projected costs and implementation of a remedial option.

Wastewater Related Projects, Senior Geologist. Mr. Heard has developed workplans for and implemented various Monitoring and Reporting (M&RPs) and Waste Discharge Requirements (WDRs) programs for various wastewater applications. Mr. Heard's has managed wastewater projects for sewer districts, wineries, canneries, and sugar processing facilities with wastewater ponds, wastewater treatment and land application areas. Mr. Heard's duties including project management, technical expertise, litigation services and field work supervision for said work. Mr. Heard coordinated with developers, civil engineers, lawyers, and regulators.

Transportation Projects, Senior Geologist/Project Manager. Mr. Heard has managed various Phase I, Phase II and remedial work in the design and construction phase of various transportation projects trending through residential, agricultural and industrial properties. During these projects Mr. Heard has managed encountering of old wrecking yards, unknown stockpiles and fill material, USTs, pile/drilling spoils, aerially deposited lead, gas stations, petroleum bulk storage and dust cropping operations. Mr. Heard has developed workplans, corrective action plans, in-situ remedial and mitigation measures, regulatory compliance and reporting.

Landfill Related Project Experience, Senior Geologist/Project Manager. Mr. Heard is experience in performing various environmental investigations for permitted and unpermitted landfill and land disposal projects. Mr. Heard's experience includes evaluation of landfill waste and burn-dumps, evaluation of constituents of potential concern, soil gas monitoring and evaluation, and oversight of remedial measures (capping).

Exhibit C

HAZARDOUS
MATERIALS
SURVEY

LIMITED HAZARDOUS MATERIALS SURVEY REPORT

**FORMER NOAA NWS PTWC
EWA BEACH HI CAMPUS
91-270 FORT WEAVER ROAD
EWA BEACH, OAHU, HAWAII**

Prepared for:
STATE OF HAWAII – DEPARTMENT OF HAWAIIAN HOME LANDS
P.O. Box 1879
Honolulu, Hawaii 96805

Prepared by:
ENVIROSERVICES & TRAINING CENTER, LLC
505 Ward Avenue, Suite 202
Honolulu, Hawaii 96814
tel: (808) 839-7222

ETC Project No. 20-2014

July 10, 2020

TABLE OF CONTENTS

APPENDICES	I
1.0 CERTIFICATIONS AND LIMITATIONS	1
2.0 EXECUTIVE SUMMARY	2
2.1 SUMMARY OF ASBESTOS CONTAINING MATERIALS SURVEY	2
2.2 SUMMARY OF LEAD PAINT SURVEY	2
2.3 SUMMARY OF ARSENIC SURVEY	2
3.0 INTRODUCTION/PURPOSE	3
4.0 METHODOLOGY	4
4.1 ASBESTOS	4
4.2 LEAD PAINT	4
4.3 ARSENIC	4
5.0 RESULTS	5
5.1 ASBESTOS	5
5.2 LEAD PAINT	5
5.3 ARSENIC	5
6.0 DISCUSSION AND RECOMMENDATIONS	6

APPENDICES

APPENDIX I:	TABLES OF RESULTS
APPENDIX II:	LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY FORMS
APPENDIX III:	PHOTOGRAPHIC DOCUMENTATION
APPENDIX IV:	HOMOGENOUS AREAS PLAN
APPENDIX V:.....	BGES LEAD BASED PAINT RISK ASSESSMENT

1.0 CERTIFICATIONS AND LIMITATIONS

EnviroServices & Training Center, LLC (ETC) has completed a Limited Hazardous Materials Survey (Survey) at the Former NOAA NWS PTWC, located at 91-270 Fort Weaver Road, Ewa Beach, Oahu, Hawaii (Subject Site). ETC's findings and recommendations contained herein are based on site observations, government regulations and laboratory data, which were gathered at the time and location of the study. Opinions stated in this report do not apply to changes that may have occurred after the services were performed.

ETC has performed specified services for this project with the degree of care, skill and diligence ordinarily exercised by professional consultants performing the same or similar services. No other warranty, guarantee, or representation, expressed or implied, is included or intended; unless otherwise specifically agreed to in writing by both ETC and ETC's Client.

This report is intended for the sole use of the State of Hawaii Department of Hawaiian Home Lands (DHHL) exclusively for the Subject Site. The DHHL may use and release this report, including making and retaining copies, provided such use is limited to the particular site and project for which this report is provided. However, the services performed may not be appropriate for satisfying the needs of other users. Release of this report to third-parties will be at the sole risk of ETC's Client and/or said user, and ETC shall not be liable for any claims or damages resulting from or connected with such release or any third party's use or reuse of this report.

Surveyed & Prepared By:



Sara Marvin

State of Hawaii Asbestos Building Inspector # HIASB-4316

State of Hawaii Lead Risk Assessor # PB-0973

2.0 EXECUTIVE SUMMARY

EnviroServices & Training Center, LLC (ETC) conducted a Limited Hazardous Materials Survey (Survey) at the Former NOAA NWS PTWC, located at 91-270 Fort Weaver Road, Ewa Beach, Oahu, Hawaii (Subject Site). The Survey was limited to employee housing (Buildings 1, 2, 3, 4 & 14), Building 5 (Administration Building), (Building 15 (Annex) and Building 16 (Well house), as specified to ETC by Mr. Darrell Ing of the State of Hawaii Department of Hawaiian Home Lands (Client). The following hazardous materials were identified during ETC's survey:

2.1 Summary of Asbestos Containing Materials Survey

Laboratory analysis determined that one (1) of the one hundred seventy-eight (178) suspected materials sampled contain asbestos above the regulatory limit of 1%. These materials are listed below.

Homogeneous Area	Material	Asbestos Content	Estimated Quantity
Bldg. 2 – Kitchen floor	Black mastic under 12"x12" ceramic floor tile	2% Chrysotile	500 ft ²

2.2 Summary of Lead Paint Survey

In October 2015, BGES, Inc conducted a Lead-Based Paint Survey and Risk Assessment, funded by NOAA. ETC reviewed the Survey, which identified Lead-Based painted surfaces, and inspected the site for additional painted components not identified in the Survey. No additional painted components were identified, and no samples were collected. Lead-Based Paint was identified in the BGES survey. A summary of the results from the Risk Assessment is located in Appendix V. For lead-containing paint results refer to the 2015 BGES Lead-Based Paint Assessment Report.

2.3 Summary of Arsenic Survey

Laboratory results indicated the canec ceiling panels in the residences and administration building was found to contain detectable levels of arsenic above the laboratory detection limit of 13.0 mg/kg.

Location	Homogeneous Area	Material	Condition	Arsenic Content	Estimated Quantity
Building 1 -	Ceiling panels throughout	Canec	Intact	220 mg/kg	2,000 ft ²
Building 2 -	Ceiling panels throughout	Canec	Intact	260 mg/kg	2,000 ft ²
Building 3 -	Ceiling panels in living room and bedrooms	Canec	Intact	1900 mg/kg	2,000 ft ²
Building 4 -	Ceiling panels in living room and bedrooms	Canec	Intact	520 mg/kg	2,000 ft ²
Building 5 -	Ceiling panels throughout	Canec	Intact	450 mg/kg	1,500 ft ²

3.0 INTRODUCTION/PURPOSE

The purpose of this Survey was to inspect the Subject Site for the presence of suspected hazardous materials that may be affected by future construction. The Survey was conducted on June 10, 11 & 12, 2020 and was limited to employee housing (Buildings 1, 2, 3, 4 & 14), Building 5 (Administration Building), Building 15 (Annex) and Building 16 (Well house), as specified to ETC by the Client.

Specifically, ETC completed the following tasks:

- Performed site reconnaissance at the Subject Site;
- Collected five hundred thirty-four (534) samples of suspected ACM from one hundred seventy-eight (178) materials at the Subject Site;
- Submitted the 534 samples of suspected ACM to EMC Laboratories, Inc. (EMC) for analysis of asbestos via Polarized Light Microscopy (PLM) in accordance with the Environmental Protection Agency (EPA) Method 600/R-93/116;
- Reviewed the Lead-Based Paint Survey and Risk Assessment conducted in October 2015 and inspected the site for additional painted components that were not identified in the Lead-Based Paint Survey.
- Collected zero (0) paint chip samples due to no additional painted components identified.
- Collected seven (7) samples of seven (7) suspected Arsenic-Containing Materials (AsCM) from the Subject Site,
- Submitted the 7 samples of AsCM to NVL Labs for analysis of arsenic via Inductively Couple Plasma (ICP-M2) EPA Method 3051/6010D;
- Prepared this report documenting the field activities and the results of the investigation including analytical results, conclusions, and recommendations.

4.0 METHODOLOGY

4.1 Asbestos

ETC personnel collected five hundred thirty-four (534) samples from one hundred seventy-eight (178) suspected ACM for asbestos analysis. Samples were collected from various areas of the Subject Site in accordance with EPA guidelines and recommendations.

The suspected ACM were wetted with amended water before sample collection. A small piece was then carefully cut out and placed into a labeled, re-sealable plastic bag. The sampling equipment was cleaned between each sample collection to avoid cross-contamination between samples. The approximate quantity of each suspected ACM was noted. Sample locations were randomly selected in accordance with EPA protocols and recommendations.

Samples were logged and recorded following strict chain-of-custody procedures, and sent to EMC located in Phoenix, Arizona, for analysis by PLM in accordance with EPA Method 600/R-93/116. EMC is accredited for bulk asbestos analysis through successful participation in the National Voluntary Lab Accreditation Program (NVLAP).

4.2 Lead Paint

ETC personnel inspected the site for additional painted components not identified in the October 2015 Lead-Based Paint Survey and Risk Assessment conducted by BGES, Inc. No additional painted components were identified at the time of the inspection.

4.3 Arsenic

ETC personnel collected seven (7) samples of suspected arsenic-containing materials from the Subject Site. The suspected arsenic treated material samples were collected in accordance with EPA guidelines and recommendations.

The suspected arsenic treated material was wetted with amended water before sample collection. Small pieces were then carefully cut out and placed into a labeled, re-sealable plastic bag.

The samples were logged and recorded following strict chain of custody procedures and submitted to NVL Labs located in Seattle, Washington, for analysis by EPA Method 6010. NVL Labs is accredited for bulk asbestos analysis through successful participation in the NVLAP.

5.0 RESULTS

5.1 Asbestos

A total of five hundred thirty-four (534) suspect asbestos samples were collected and submitted for analysis via PLM. Of the materials sampled, one (1) was found to contain levels of asbestos above the regulatory limit of greater than 1%. Results of these analyses are presented in Table 1 found in Appendix I.

In accordance with federal and state regulations and industry standard practice, ETC determined homogenous areas of each suspect material and collected multiple representative samples of the material from each homogenous area. Typically, all samples for a suspect material will have similar laboratory results. When the results differ, a single result above the regulatory limit is sufficient to determine that the material within the homogenous area is ACM and the entirety of the homogenous area should be treated as ACM. Thus, ETC may request that the laboratory stops analyzing when the first sample in the set is determined to have asbestos content above one percent. For this reason, two samples were not analyzed.

In addition, twenty-four (24) samples were found to contain Fibrous Glass. Although materials containing such fibers are not specifically regulated, it is ETC's recommendation to handle materials containing such fibers with appropriate protective equipment.

The asbestos analytical laboratory report is included in Appendix II. Asbestos photographic documentation is included in Appendix III.

5.2 Lead Paint

No paint chip samples were collected for the subject site or analyzed as part of this survey due to no additional painted components identified.

The comprehensive 2015 BGES Lead Based Paint Risk Assessment report identified lead-based paint in Buildings 1, 2, 3, & 4. A detailed description is included in Appendix V. For lead-containing paint results refer to the 2015 BGES Lead-Based Paint Risk Assessment report.

5.3 Arsenic

ETC personnel collected seven (7) samples of suspected arsenic-containing materials from the Subject Site. Five (5) of the materials were found to contain arsenic above the laboratory detection limit of 13 mg/kg. Any detectable amount of arsenic is considered hazardous to human health and the environment.

Arsenic in building materials does not have a regulated action level, however based on available scientific evidence, OSHA concludes that employees exposed to elemental arsenic and to inorganic compounds have an increased risk of developing cancer. OSHA limits occupational exposure to air contaminated with arsenic at 10 micrograms per cubic meter (mg/m^3) of air, averaged over any 8-hour period.

The arsenic analytical laboratory report is included in Appendix II. Arsenic photographic documentation is included in Appendix III.

6.0 DISCUSSION AND RECOMMENDATIONS

The findings and recommendations of ETC's limited hazardous materials survey extended only to those areas that were accessible at the time of the site reconnaissance. Any areas that were inaccessible either due to physical restraints (i.e. areas within walls, excessive heights, hidden materials, etc.) are not covered under the scope of this survey and should be evaluated for hazardous materials separately prior to any disturbance.

Based on ETC's visual inspection of the facility and laboratory data, ETC recommends the following:

- Manage and/or remove and dispose of hazardous and regulated materials in accordance with applicable federal, state, and local regulations, prior to renovation and/or demolition activities that may disturb these materials.
- Any material that is suspected to contain a hazardous contaminant but was not tested as part of this survey should be tested prior to disturbance.
- All ACM must be removed and disposed of by a qualified asbestos abatement contractor prior to renovation or demolition.
- Remove and dispose of all AsCM that maybe disturbed during renovation/demolition activities in accordance with applicable federal, state, and local regulations.
- Handle materials containing glass fibers with appropriate protective equipment to prevent inhalation or ingestion of fibers and contact with skin and mucous membranes.
- All ACM to remain at the facility should be treated and/or maintained in good condition to prevent exposure to users of the facility.
- Remove and dispose of (abate) all loose and flaking (deteriorated) lead-based and lead-containing paint that may be disturbed during renovation/demolition activities in accordance with applicable federal, state, and local regulations.
- All LCP waste and debris generated from the removal must either be recycled in accordance with applicable regulatory requirements, where available (e.g. metal components), or undergo Toxicity Characteristic Leaching Procedure (TCLP)-Lead analysis prior to disposal.
- Treat all LCP that is to remain at the facility in a manner that will prevent a lead paint hazard. Such treatments may include, but are not limited to, paint stabilization, encapsulation, and enclosure.
- The services of a qualified consultant should be obtained to monitor and inspect the removal activities to ensure compliance with applicable EPA and OSHA regulations pertaining to the handling of ACM, AsCM and LCP.
- Conduct air monitoring for asbestos fibers, arsenic fibers and lead dust by qualified personnel during abatement and general renovation/demolition activities of areas that were determined to contain these contaminants.

Appendix I

DATA TABLES

**Table 1
Former NOAA NWS PTWC
Asbestos Survey Results**

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-1-A01	1	Int - ceiling throughout	Canec panels	Good	Misc	Friable	ND	1,750 ft ²
2014-1-A02							ND	
2014-1-A03							ND	
2014-1-A04	1	Int - ceiling/walls kitchen	Drywall	Good	Misc	NF I	ND	150 ft ²
2014-1-A05							ND	
2014-1-A06							ND	
2014-1-A07	1	Int - walls	Concrete	Good	Misc	NF I	ND	800 ft ²
2014-1-A08							ND	
2014-1-A09							ND	
2014-1-A10	1	Int - walls	CMU	Good	Misc	NF I	ND	1,800 ft ²
2014-1-A11							ND	
2014-1-A12							ND	
2014-1-A13	1	Int - wood trim on walls	White caulking	Good	Misc	NF I	ND	1,500 l.f
2014-1-A14							ND	
2014-1-A15							ND	
2014-1-A16	1	Int - walls throughout	6" brown cove base and mastic	Damaged	Misc	NF I	ND	1,500 l.f
2014-1-A17							ND	
2014-1-A18							ND	
2014-1-A19	1	Int - master bathroom walls	4" pink ceramic wall tiles	Good	Misc	NF I	ND	100 ft ²
2014-1-A20							ND	
2014-1-A21							ND	
2014-1-A22	1	Int - master bathroom shower walls	4" white ceramic wall tiles	Good	Misc	NF I	ND	50 ft ²
2014-1-A23							ND	
2014-1-A24							ND	
2014-1-A25	1	Int - master bathroom floor	2" white ceramic floor tiles	Good	Misc	NF I	ND	75 ft ²
2014-1-A26							ND	
2014-1-A27							ND	
2014-1-A28	1	Int - master bathroom shower floor	1" white ceramic floor tiles	Good	Misc	NF I	ND	25 ft ²
2014-1-A29							ND	
2014-1-A30							ND	
2014-1-A31	1	Int - bathroom walls	White caulking	Good	Misc	NF I	ND	300 l.f
2014-1-A32							ND	
2014-1-A33							ND	
2014-1-A34	1	Int - window frames	Black caulking	Good	Misc	NF I	ND	1,600 l.f
2014-1-A35							ND	
2014-1-A36							ND	
2014-1-A37	1	Int - main bathroom walls	4" blue ceramic wall tile	Good	Misc	NF I	ND	120 ft ²
2014-1-A38							ND	
2014-1-A39							ND	
2014-1-A40	1	Int - main bathroom floors	2" blue ceramic floor tile	Good	Misc	NF I	ND	120 ft ²
2014-1-A41							ND	
2014-1-A42							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-1-A43	1	Int - floors throughout	Carpet mastic	Good	Misc	NF I	ND	1,500 ft ²
2014-1-A44							ND	
2014-1-A45							ND	
2014-1-A46	1	Int - floors kitchen, solarium, entry	8" cream terra cotta tiles	Good	Misc	NF I	ND	500 ft ²
2014-1-A47							ND	
2014-1-A48							ND	
2014-1-A49	1	Ext - walls	Concrete	Good	Misc	NF I	ND	800 ft ²
2014-1-A50							ND	
2014-1-A51							ND	
2014-1-A52	1	Ext - walls	CMU	Good	Misc	NF I	ND	2,000 ft ²
2014-1-A53							ND	
2014-1-A54							ND	
2014-1-A55	1	Ext - window frames	Black caulking	Good	Misc	NF I	ND	1,600 l.f
2014-1-A56							ND	
2014-1-A57							ND	
2014-1-A58	1	Attic	Insulation	Good	TSI	NF I	ND	2,000 ft ²
2014-1-A59							ND	
2014-1-A60							ND	
2014-1-A61	1	Roof	Roofing material	Good	Misc	NF I	ND	2,000 ft ²
2014-1-A62							ND	
2014-1-A63							ND	
2014-1-A64	1	Roof - gutters	Tan caulking	Good	Misc	NF I	ND	100 l.f
2014-1-A65							ND	
2014-1-A66							ND	
2014-1-A67	1	Roof - peaks	White caulking	Good	Misc	NF I	ND	100 l.f
2014-1-A68							ND	
2014-1-A69							ND	
2014-1-A70	1	Roof - base of solar	Beige/clear caulking	Good	Misc	NF I	ND	5 l.f
2014-1-A71							ND	
2014-1-A72							ND	
2014-1-A73	1	Roof - solar	Foam pipe insulation	Good	TSI	Friable	ND	20 l.f
2014-1-A74							ND	
2014-1-A75							ND	
2014-2-A01	2	Int - ceiling throughout	Canec panels	Good	Misc	Friable	ND	2,000 ft ²
2014-2-A02							ND	
2014-2-A03							ND	
2014-2-A04	2	Int - walls throughout	CMU	Good	Misc	NF I	ND	2,000 ft ²
2014-2-A05							ND	
2014-2-A06							ND	
2014-2-A07	2	Int - wood trim on walls	White caulking	Good	Misc	NF I	ND	1,500 l.f
2014-2-A08							ND	
2014-2-A09							ND	

*ND = None Detected
NA = Not Analyzed

**Table 1
Former NOAA NWS PTWC
Asbestos Survey Results**

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-2-A10	2	Int - walls throughout	6" brown cove base and mastic	Damaged	Misc	NF I	ND	1,500 l.f
2014-2-A11							ND	
2014-2-A12							ND	
2014-2-A13	2	Int - floors solarium, entry	8" cream terra cotta tiles	Good	Misc	NF I	ND	250 ft ²
2014-2-A14							ND	
2014-2-A15							ND	
2014-2-A16	2	Int - bathroom walls	4" white ceramic wall tile	Good	Misc	NF I	ND	350 ft ²
2014-2-A17							ND	
2014-2-A18							ND	
2014-2-A19	2	Int - bathroom floors	2" white ceramic floor tile	Good	Misc	NF I	ND	150 ft ²
2014-2-A20							ND	
2014-2-A21							ND	
2014-2-A22	2	Int - floors throughout	Carpet mastic	Good	Misc	NF I	ND	1,500 ft ²
2014-2-A23							ND	
2014-2-A24							ND	
2014-2-A25	2	Int - window frames throughout	Black caulking	Good	Misc	NF I	ND	1,600 ft ²
2014-2-A26							ND	
2014-2-A27							ND	
2014-2-A28	2	Int - kitchen floor	12" beige ceramic floor tile/black mastic	Damaged	Misc	NF I	2% Chrysotile	100 ft²
2014-2-A29							NA	
2014-2-A30							NA	
2014-2-A31	2	Int - bathrooms	Sink caulking	Good	Misc	NF I	ND	350 l.f
2014-2-A32							ND	
2014-2-A33							ND	
2014-2-A34	2	Attic	Insulation	Good	TSI	Friable	ND	2,000 ft ²
2014-2-A35							ND	
2014-2-A36							ND	
2014-2-A37	2	Ext - entry	12" brown terra cotta tiles	Damaged	Misc	NF I	ND	75 ft ²
2014-2-A38							ND	
2014-2-A39							ND	
2014-2-A40	2	Ext - window frames	Black caulking	Good	Misc	NF I	ND	1,600 ft ²
2014-2-A41							ND	
2014-2-A42							ND	
2014-2-A43	2	Roof	Roofing material	Good	Misc	NF I	ND	2,000 ft ²
2014-2-A44							ND	
2014-2-A45							ND	
2014-2-A46	2	Roof - gutters	Tan caulking	Good	Misc	NF I	ND	100 l.f
2014-2-A47							ND	
2014-2-A48							ND	
2014-2-A49	2	Roof - peaks	White caulking	Good	Misc	NF I	ND	100 l.f
2014-2-A50							ND	
2014-2-A51							ND	

*ND = None Detected
NA = Not Analyzed

**Table 1
Former NOAA NWS PTWC
Asbestos Survey Results**

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-2-A52	2	Roof - pipe penetrations	O-ring spacer	Good	Misc	NF I	ND	3 ft ²
2014-2-A53							ND	
2014-2-A54							ND	
2014-2-A55	2	Roof - solar panels base	Black caulking	Good	Misc	NF I	ND	3 l.f
2014-2-A56							ND	
2014-2-A57							ND	
2014-2-A58	2	Roof - solar	Tan caulking	Good	Misc	NF I	ND	3 l.f
2014-2-A59							ND	
2014-2-A60							ND	
2014-2-A61	2	Roof - vents	Grey caulking	Good	Misc	NF I	ND	3 l.f
2014-2-A62							ND	
2014-2-A63							ND	
2014-2-A64	2	Ext - walls	CMU	Good	Misc	NF I	ND	2,000 ft ²
2014-2-A65							ND	
2014-2-A66							ND	
2014-2-A67	2	Ext - walkways	Concrete	Good	Misc	NF I	ND	2,200 ft ²
2014-2-A68							ND	
2014-2-A69							ND	
2014-2-A70	2	Roof - solar pipes	Foam insulation	Damaged	TSI	NF I	ND	20 l.f
2014-2-A71							ND	
2014-2-A72							ND	
2014-3-A01	3	Int - ceiling living room, bedrooms	Canec panels	Good	Misc	Friable	ND	1,100 ft ²
2014-3-A02							ND	
2014-3-A03							ND	
2014-3-A04	3	Int - ceiling kitchen, hallway, bathrooms	Drywall	Good	Misc	NF I	ND	900 ft ²
2014-3-A05							ND	
2014-3-A06							ND	
2014-3-A07	3	Int - walls kitchen, hallway, bathrooms	Drywall	Good	Misc	NF I	ND	1,100 ft ²
2014-3-A08							ND	
2014-3-A09							ND	
2014-3-A10	3	Int - walls living room, bedrooms	CMU	Good	Misc	NF I	ND	900 ft ²
2014-3-A11							ND	
2014-3-A12							ND	
2014-3-A13	3	Int - wood trim on walls	White caulking	Good	Misc	NF I	ND	1,500 l.f
2014-3-A14							ND	
2014-3-A15							ND	
2014-3-A16	3	Int - window frames throughout	Black caulking	Good	Misc	NF I	ND	1,600 l.f
2014-3-A17							ND	
2014-3-A18							ND	

*ND = None Detected
NA = Not Analyzed

**Table 1
Former NOAA NWS PTWC
Asbestos Survey Results**

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-3-A19	3	Int - bathrooms	White caulking	Good	Misc	NF I	ND	450 l.f
2014-3-A20							ND	
2014-3-A21							ND	
2014-3-A22	3	Int - kitchen	4" cove base and mastic	Damaged	Misc	NF I	ND	120 l.f
2014-3-A23							ND	
2014-3-A24							ND	
2014-3-A25	3	Int - bathroom floors	12" off-white ceramic floor tile	Good	Misc	NF I	ND	450 ft ²
2014-3-A26							ND	
2014-3-A27							ND	
2014-3-A28	3	Int - floors kitchen, entry, solarium	8" cream terra cotta floor tile	Good	Misc	NF I	ND	500 ft ²
2014-3-A29							ND	
2014-3-A30							ND	
2014-3-A31	3	Int - floor throughout	Carpet mastic	Good	Misc	NF I	ND	1,500 ft ²
2014-3-A32							ND	
2014-3-A33							ND	
2014-3-A34	3	Ext - walls	CMU	Good	Misc	NF I	ND	2,000 ft ²
2014-3-A35							ND	
2014-3-A36							ND	
2014-3-A37	3	Ext - wall base	Concrete	Good	Misc	NF I	ND	2,000 ft ²
2014-3-A38							ND	
2014-3-A39							ND	
2014-3-A40	3	Ext - window frames	Black caulking	Good	Misc	NF I	ND	1,600 ft ²
2014-3-A41							ND	
2014-3-A42							ND	
2014-3-A43	3	Ext - walkway, patio	Concrete	Good	Misc	NF I	ND	500 ft ²
2014-3-A44							ND	
2014-3-A45							ND	
2014-3-A46	3	Roof	Roofing material	Good	Misc	NF I	ND	2,000 ft ²
2014-3-A47							ND	
2014-3-A48							ND	
2014-3-A49	3	Roof - gutters	Tan caulking	Good	Misc	NF I	ND	150 l.f
2014-3-A50							ND	
2014-3-A51							ND	
2014-3-A52	3	Roof - peaks	White caulking	Good	Misc	NF I	ND	75 l.f
2014-3-A53							ND	
2014-3-A54							ND	
2014-3-A55	3	Roof - solar base	Black caulking	Good	Misc	NF I	ND	15 l.f
2014-3-A56							ND	
2014-3-A57							ND	
2014-3-A58	3	Roof - solar pipes	Foam insulation	Damaged	TSI	Friable	ND	20 l.f
2014-3-A59							ND	
2014-3-A60							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-3-A61	3	Roof - solar pipe penetrations	Pipe wrap	Damaged	Misc	NF I	ND	15 l.f
2014-3-A62							ND	
2014-3-A63							ND	
2014-4-A01	4	Int - ceiling living room, solarium, bedroom	Canec panels	Good	Misc	Friable	ND	1,200 ft ²
2014-4-A02							ND	
2014-4-A03							ND	
2014-4-A04	4	Int - ceiling kitchen, hallway, bathrooms	Drywall/joint compound	Good	Misc	NF I	ND	700 ft ²
2014-4-A05							ND	
2014-4-A06							ND	
2014-4-A07	4	Int - walls kitchen, bathrooms, hall, master bedroom	Drywall/joint compound	Good	Misc	NF I	ND	1,000 ft ²
2014-4-A08							ND	
2014-4-A09							ND	
2014-4-A10	4	Int - walls solarium	CMU	Good	Misc	NF I	ND	250 ft ²
2014-4-A11							ND	
2014-4-A12							ND	
2014-4-A13	4	Int - walls living room, master bedroom	Plaster/skim coat	Damaged	Misc	NF I	ND	1,500 ft ²
2014-4-A14							ND	
2014-4-A15							ND	
2014-4-A16	4	Int - wood trim on walls	White caulking	Good	Misc	NF I	ND	1,500 l.f
2014-4-A17							ND	
2014-4-A18							ND	
2014-4-A19	4	Int - window frames	Black caulking	Good	Misc	NF I	ND	1,600 l.f
2014-4-A20							ND	
2014-4-A21							ND	
2014-4-A22	4	Int - walls throughout	6" brown cove base and mastic	Damaged	Misc	Friable	ND	1,100 l.f
2014-4-A23							ND	
2014-4-A24							ND	
2014-4-A25	4	Int - walls kitchen	4" beige cove base and mastic	Damaged	Misc	Friable	ND	150 l.f
2014-4-A26							ND	
2014-4-A27							ND	
2014-4-A28	4	Int - floor solarium, entry, kitchen	8" cream terra cotta floor tile	Good	Misc	NF I	ND	500 ft ²
2014-4-A29							ND	
2014-4-A30							ND	
2014-4-A31	4	Int - floors bathrooms	12" blue ceramic floor tile	Good	Misc	NF I	ND	600 ft ²
2014-4-A32							ND	
2014-4-A33							ND	
2014-4-A34	4	Int - walls bathrooms	7"x12" white ceramic wall tile	Good	Misc	NF I	ND	400 ft ²
2014-4-A35							ND	
2014-4-A36							ND	
2014-4-A37	4	Int - walls master bedroom	6" dark brown cove base and mastic	Damaged	Misc	Friable	ND	400 l.f
2014-4-A38							ND	
2014-4-A39							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-4-A40	4	Int - bathrooms	Sink/toilet caulking	Good	Misc	NF I	ND	15 l.f
2014-4-A41							ND	
2014-4-A42							ND	
2014-4-A43	4	Int - floors living room, hallway, bedrooms	Carpet mastic	Good	Misc	NF I	ND	1,200 ft ²
2014-4-A44							ND	
2014-4-A45							ND	
2014-4-A46	4	Int - kitchen counters	White caulking	Good	Misc	NF I	ND	700 l.f
2014-4-A47							ND	
2014-4-A48							ND	
2014-4-A49	4	Ext - walls	CMU	Good	Misc	NF I	ND	2,000 ft ²
2014-4-A50							ND	
2014-4-A51							ND	
2014-4-A52	4	Ext - walls	Concrete	Good	Misc	NF I	ND	800 ft ²
2014-4-A53							ND	
2014-4-A54							ND	
2014-4-A55	4	Ext - window frames	Black caulking	Good	Misc	NF I	ND	1,600 ft ²
2014-4-A56							ND	
2014-4-A57							ND	
2014-4-A58	4	Ext - patio door	Caulking	Good	Misc	NF I	ND	10 l.f
2014-4-A59							ND	
2014-4-A60							ND	
2014-4-A61	4	Ext - north wall pipe	Foam insulation	Damaged	TSI	Friable	ND	20 l.f
2014-4-A62							ND	
2014-4-A63							ND	
2014-4-A64	4	Ext - south wall AC frame	Caulking	Good	Misc	NF I	ND	5 l.f
2014-4-A65							ND	
2014-4-A66							ND	
2014-4-A67	4	Ext - walkways	Concrete	Good	Misc	NF I	ND	1,200 ft ²
2014-4-A68							ND	
2014-4-A69							ND	
2014-4-A70	4	Roof	Roofing material	Good	Misc	NF I	ND	2,000 ft ²
2014-4-A71							ND	
2014-4-A72							ND	
2014-4-A73	4	Roof - gutters	Tan caulking	Good	Misc	NF I	ND	150 l.f
2014-4-A74							ND	
2014-4-A75							ND	
2014-4-A76	4	Roof - peaks	White caulking	Good	Misc	NF I	ND	15 l.f
2014-4-A77							ND	
2014-4-A78							ND	
2014-4-A79	4	Roof - pipe penetrations	O-ring spacer	Good	Misc	NF I	ND	3 ft ²
2014-4-A80							ND	
2014-4-A81							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-4-A82	4	Roof - vent	White caulking	Good	Misc	NF I	ND	5 l.f
2014-4-A83							ND	
2014-4-A84							ND	
2014-4-A85	4	Roof - solar pipe	Foam insulation	Damaged	Misc	Friable	ND	15 l.f
2014-4-A86							ND	
2014-4-A87							ND	
2014-4-A88	4	Roof - solar base	Tan caulking	Good	Misc	NF I	ND	5 l.f
2014-4-A89							ND	
2014-4-A90							ND	
2014-4-A91	4	Roof - solar base	Black caulking	Good	Misc	NF I	ND	5 l.f
2014-4-A92							ND	
2014-4-A93							ND	
2014-4-A94	4	Attic	Insulation	Good	TSI	Friable	ND	2,000 ft ²
2014-4-A95							ND	
2014-4-A96							ND	
2014-15-A01	15	Int - ceiling throughout	Pressboard acoustic tile	Good	Misc	Friable	ND	1,500 ft ²
2014-15-A02							ND	
2014-15-A03							ND	
2014-15-A04	15	Int - AC system	Duct insulation	Good	Misc	NF I	ND	1,000 ft ²
2014-15-A05							ND	
2014-15-A06							ND	
2014-15-A07	15	Int - above suspended ceiling	Insulation	Good	TSI	Friable	ND	1,500 ft ²
2014-15-A08							ND	
2014-15-A09							ND	
2014-15-A10	15	Int - walls	Pressboard vinyl wall	Good	Misc	NF I	ND	900 ft ²
2014-15-A11							ND	
2014-15-A12							ND	
2014-15-A13	15	Int - walls	Drywall/joint compound	Good	Misc	NF I	ND	2,000 ft ²
2014-15-A14							ND	
2014-15-A15							ND	
2014-15-A16	15	Entrance door frames	Caulking	Good	Misc	NF I	ND	40 l.f
2014-15-A17							ND	
2014-15-A18							ND	
2014-15-A19	15	Int - kitchen area counter tops	Sink caulking	Good	Misc	NF I	ND	50 l.f
2014-15-A20							ND	
2014-15-A21							ND	
2014-15-A22	15	Int - kitchen area sink	Insulation	Good	TSI	NF I	ND	5 ft ²
2014-15-A23							ND	
2014-15-A24							ND	
2014-15-A25	15	Int - wall vent frame	Vent caulking	Good	Misc	NF I	ND	5 l.f
2014-15-A26							ND	
2014-15-A27							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-15-A28	15	Int - bathroom	Sink/toilet caulking	Good	Misc	NF I	ND	20 l.f
2014-15-A29							ND	
2014-15-A30							ND	
2014-15-A31	15	Int - bathroom walls	6" beige cove base and mastic	Good	Misc	NF I	ND	40 l.f
2014-15-A32							ND	
2014-15-A33							ND	
2014-15-A34	15	Int - walls throughout	4" blue cove base and mastic	Good	Misc	NF I	ND	250 l.f
2014-15-A35							ND	
2014-15-A36							ND	
2014-15-A37	15	Int - bathroom floor	Vinyl sheet flooring	Good	Misc	NF I	ND	100 ft ²
2014-15-A38							ND	
2014-15-A39							ND	
2014-15-A40	15	Int - floor throughout	Carpet mastic	Good	Misc	NF I	ND	1,300 ft ²
2014-15-A41							ND	
2014-15-A42							ND	
2014-15-A43	15	Ext - window and door frames	Caulking	Good	Misc	NF I	ND	600 l.f
2014-15-A44							ND	
2014-15-A45							ND	
2014-15-A46	15	Ext - walls	Insulation	Damaged	TSI	Friable	ND	2,000 ft ²
2014-15-A47							ND	
2014-15-A48							ND	
2014-15-A49	15	Ext - light sconce	Spacer	Good	Misc	NF I	ND	4 ft ²
2014-15-A50							ND	
2014-15-A51							ND	
2014-15-A52	15	Ext - railing	Caulking	Good	Misc	NF I	ND	4 ft ²
2014-15-A53							ND	
2014-15-A54							ND	
2014-15-A55	15	Ext - steps	Non-skid pads	Damaged	Misc	NF I	ND	18 ft ²
2014-15-A56							ND	
2014-15-A57							ND	
2014-15-A58	15	Ext - walkways	Concrete	Good	Misc	NF I	ND	600 ft ²
2014-15-A59							ND	
2014-15-A60							ND	
2014-15-A61	15	Roof	Roofing material	Good	Misc	NF I	ND	1,500 ft ²
2014-15-A62							ND	
2014-15-A63							ND	
2014-15-A64	15	Roof - pipe penetrations	O-ring space/mastic	Good	Misc	NF I	ND	4 ft ²
2014-15-A65							ND	
2014-15-A66							ND	
2014-16-A01	16	Walls	CMU	Good	Misc	NF I	ND	60 ft ²
2014-16-A02							ND	
2014-16-A03							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-16-A04	16	Walls	Caulking	Damaged	Misc	NF I	ND	2 l.f
2014-16-A05							ND	
2014-16-A06							ND	
2014-16-A07	16	Roof - corrugated metal	Foam spacer	Damaged	Misc	NF I	ND	12 l.f
2014-16-A08							ND	
2014-16-A09							ND	
2014-14-A01	14	Int - ceiling throughout	Drywall/joint compound	Good	Misc	NF I	ND	2,560 ft ²
2014-14-A02							ND	
2014-14-A03							ND	
2014-14-A04	14	Int - wood trim on walls	White caulking	Good	Misc	NF I	ND	1,500 l.f
2014-14-A05							ND	
2014-14-A06							ND	
2014-14-A07	14	Attic	Insulation	Good	TSI	Friable	ND	2,560 ft ²
2014-14-A08							ND	
2014-14-A09							ND	
2014-14-A10	14	Int - walls throughout	Drywall/joint compound	Good	Misc	NF I	ND	2,000 ft ²
2014-14-A11							ND	
2014-14-A12							ND	
2014-14-A13	14	Int - garage walls	CMU	Good	Misc	NF I	ND	560 ft ²
2014-14-A14							ND	
2014-14-A15							ND	
2014-14-A16	14	Int - window and door frames	White caulking	Good	Misc	NF I	ND	1,500 l.f
2014-14-A17							ND	
2014-14-A18							ND	
2014-14-A19	14	Int - garage floor	Yellow vinyl floor sheeting	Damaged	Misc	NF I	ND	300 ft ²
2014-14-A20							ND	
2014-14-A21							ND	
2014-14-A22	14	Int - garage, kitchen walls	4" off-white cove base and mastic	Good	Misc	NF I	ND	300 l.f
2014-14-A23							ND	
2014-14-A24							ND	
2014-14-A25	14	Int - kitchen, bathroom, entry floors	12" white ceramic floor tile	Good	Misc	NF I	ND	850 ft ²
2014-14-A26							ND	
2014-14-A27							ND	
2014-14-A28	14	Int - living room, hall, bedrooms	Carpet mastic	Good	Misc	NF I	ND	1,100 ft ²
2014-14-A29							ND	
2014-14-A30							ND	
2014-14-A31	14	Int - kitchen walls/cabinets	White caulking	Good	Misc	NF I	ND	300 l.f
2014-14-A32							ND	
2014-14-A33							ND	
2014-14-A34	14	Int - bathroom showers	White caulking	Good	Misc	NF I	ND	150 l.f
2014-14-A35							ND	
2014-14-A36							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-14-A37	14	Int - bathrooms	Toilet caulking	Good	Misc	NF I	ND	10 l.f
2014-14-A38							ND	
2014-14-A39							ND	
2014-14-A40	14	Int - bedroom closets	Shelf caulking	Good	Misc	NF I	ND	150 l.f
2014-14-A41							ND	
2014-14-A42							ND	
2014-14-A43	14	Ext - walls	CMU	Good	Misc	NF I	ND	2,560 ft ²
2014-14-A44							ND	
2014-14-A45							ND	
2014-14-A46	14	Ext - walls/soffits	Caulking	Good	Misc	NF I	ND	1,500 l.f
2014-14-A47							ND	
2014-14-A48							ND	
2014-14-A49	14	Ext - window frames	Black caulking	Good	Misc	NF I	ND	1,600 ft ²
2014-14-A50							ND	
2014-14-A51							ND	
2014-14-A52	14	Ext - AC system pipes	Foam insulation	Damaged	TSI	Friable	ND	15 l.f
2014-14-A53							ND	
2014-14-A54							ND	
2014-14-A55	14	Ext - walkways/driveway	Concrete	Good	Misc	NF I	ND	1,500 ft ²
2014-14-A56							ND	
2014-14-A57							ND	
2014-14-A58	14	Roof	Roofing material	Good	Misc	NF I	ND	2,560 ft ²
2014-14-A59							ND	
2014-14-A60							ND	
2014-14-A61	14	Roof - pipe penetrations	Mastic	Good	Misc	NF I	ND	5 l.f
2014-14-A62							ND	
2014-14-A63							ND	
2014-14-A64	14	Roof - peaks	Beige caulking	Good	Misc	NF I	ND	15 l.f
2014-14-A65							ND	
2014-14-A66							ND	
2014-14-A67	14	Roof - solar base	Brown caulking	Good	Misc	NF I	ND	5 l.f
2014-14-A68							ND	
2014-14-A69							ND	
2014-14-A70	14	Roof - solar base	Clear caulking	Good	Misc	NF I	ND	5 l.f
2014-14-A71							ND	
2014-14-A72							ND	
2014-14-A73	14	Roof - solar pipes	Foam insulation	Damaged	TSI	Friable	ND	15 l.f
2014-14-A74							ND	
2014-14-A75							ND	
2014-5-A01	5	Int - throughout	Pressboard acoustic tile	Good	Misc	Friable	ND	1,850 ft ²
2014-5-A02							ND	
2014-5-A03							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-5-A04	5	Int - throughout above suspended ceiling	Canec tiles	Good	Misc	Friable	ND	2,000 ft ²
2014-5-A05							ND	
2014-5-A06							ND	
2014-5-A07	5	Int - above suspended ceiling	AC duct insulation	Good	TSI	Friable	ND	500 ft ²
2014-5-A08							ND	
2014-5-A09							ND	
2014-5-A10	5	Int - soffit/ac unit	Drywall/joint compound	Good	Misc	NF I	ND	800 ft ²
2014-5-A11							ND	
2014-5-A12							ND	
2014-5-A13	5	Int - walls	Drywall/joint compound	Good	Misc	NF I	ND	1,200 ft ²
2014-5-A14							ND	
2014-5-A15							ND	
2014-5-A16	5	Int - walls	CMU	Good	Misc	NF I	ND	800 ft ²
2014-5-A17							ND	
2014-5-A18							ND	
2014-5-A19	5	Int - window frames	Grey caulking	Good	Misc	NF I	ND	1,600 ft ²
2014-5-A20							ND	
2014-5-A21							ND	
2014-5-A22	5	Int - door frames	White caulking	Good	Misc	NF I	ND	70 l.f
2014-5-A23							ND	
2014-5-A24							ND	
2014-5-A25	5	Int - restroom sink/toilet	White caulking	Damaged	Misc	NF I	ND	5 l.f
2014-5-A26							ND	
2014-5-A27							ND	
2014-5-A28	5	Int - walls	4" grey cove base and mastic	Good	Misc	NF I	ND	1,200 l.f
2014-5-A29							ND	
2014-5-A30							ND	
2014-5-A31	5	Int - command center floors	2' fiberboard tile	Good	Misc	NF I	ND	800 ft ²
2014-5-A32							ND	
2014-5-A33							ND	
2014-5-A34	5	Int - throughout	12" light blue vinyl floor tile	Good	Misc	NF I	ND	600 ft ²
2014-5-A35							ND	
2014-5-A36							ND	
2014-5-A37	5	Int - thresholds	Brown mastic	Good	Misc	NF I	ND	25 l.f
2014-5-A38							ND	
2014-5-A39							ND	
2014-5-A40	5	Int - office floors	Carpet mastic	Good	Misc	NF I	ND	1,600 ft ²
2014-5-A41							ND	
2014-5-A42							ND	
2014-5-A43	5	Int - ramps	Non-skid pads	Good	Misc	NF I	ND	25 ft ²
2014-5-A44							ND	
2014-5-A45							ND	

*ND = None Detected
NA = Not Analyzed

Table 1
Former NOAA NWS PTWC
Asbestos Survey Results

<i>Sample ID</i>	<i>Building</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Category</i>	<i>Friability</i>	<i>Asbestos Content*</i>	<i>Estimated Quantity</i>
2014-5-A46	5	Ext - walls	CMU	Good	Misc	NF I	ND	2,000 ft ²
2014-5-A47							ND	
2014-5-A48							ND	
2014-5-A49	5	Ext - door and window frames	White caulking	Good	Misc	NF I	ND	1,600 l.f
2014-5-A50							ND	
2014-5-A51							ND	
2014-5-A52	5	Ext - foundation	Concrete	Good	Misc	NF I	ND	2,000 ft ²
2014-5-A53							ND	
2014-5-A54							ND	
2014-5-A55	5	Ext - north side AC unit	Vibration cloth	Good	Misc	NF I	ND	10 ft ²
2014-5-A56							ND	
2014-5-A57							ND	
2014-5-A58	5	Ext - north side AC unit	Beige caulking	Good	Misc	NF I	ND	50 l.f
2014-5-A59							ND	
2014-5-A60							ND	
2014-5-A61	5	Ext - walkway	Concrete	Damaged	Misc	NF I	ND	1,200 ft ²
2014-5-A62							ND	
2014-5-A63							ND	
2014-5-A64	5	Ext - south side AC unit	Pipe insulation	Damaged	TSI	Friable	ND	50 l.f
2014-5-A65							ND	
2014-5-A66							ND	
2014-5-A67	5	Int - office walls	4" blue cove base and mastic	Good	Misc	NF I	ND	150 l.f
2014-5-A68							ND	
2014-5-A69							ND	
2014-5-A70	5	Roof	Roofing material	Good	Misc	NF I	ND	2,000 ft ²
2014-5-A71							ND	
2014-5-A72							ND	
2014-5-A73	5	Roof - pipe penetrations	Mastic	Good	Misc	NF I	ND	5 ft ²
2014-5-A74							ND	
2014-5-A75							ND	
2014-5-A76	5	Roof - peaks	Bolt caulking	Good	Misc	NF I	ND	5 l.f
2014-5-A77							ND	
2014-5-A78							ND	

*ND = None Detected
NA = Not Analyzed

Table 3
Former NOAA NWS PTWC
Arsenic Survey Results

<i>Sample ID</i>	<i>Homogeneous Area</i>	<i>Material</i>	<i>Condition</i>	<i>Arsenic Content</i>	<i>Estimated Quantity</i>
2014-1-As01	Ceiling	Canec panels	Good	220 mg/kg	1,899 ft ²
2014-2-As01	Ceiling	Canec panels	Good	260 mg/kg	1,899 ft ²
2014-3-As01	Ceiling	Canec panels	Good	1900 mg/kg	1,899 ft ²
2014-4-As01	Ceiling	Canec panels	Good	520 mg/kg	1,899 ft ²
2014-5-As01	Ceiling	Canec panels	Good	450 mg/kg	1,260 ft ²
2014-5-As02	Ceiling	Pressboard acoustic tile	Good	< 13.0 mg/kg	1,200 ft ²
2014-15-As01	Ceiling	Pressboard acoustic tile	Good	< 13.0 mg/kg	1,440 ft ²

Exhibit D

MAGNETOMETER
SURVEY

August 4, 2020

Darrell Ing
Land Development Division
Department of Hawaiian Home Lands

Subject: Report on UAV-Based Magnetic survey for the purpose of UXO and other ferrous material detection in the Ewa Beach site.

Aloha Darrell:

This report describes a UAV-Based UXO and infrastructure detection survey carried out by DUDEK at the project site located in Ewa Beach, HI, (21.316085°, -157.996306°) approximately 82 acres.

The principal geophysical sensors included a Geometrics MFAM magnetometer system mounted on a UAV platform and a Gem Systems GSM-19 Overhauser Proton Precession magnetometer used as a base station.

The total survey distance for the Ewa Beach site was ~75 line k/m (5m line spacing). The survey work described in this report took place July 6th to July 10th, 2020. The data was examined for highly susceptible ferro-metallic object magnetic anomalies, which display the potential to be buried waste or Unexploded Ordinance (UXO). A discussion of the results is presented in the Interpretation section of this report, along with an Analytic Signal Map and list of identified anomalies.

Sincerely,



Steven Hochart
Practice Director
Mapping and Surveying Division, Dudek

PROJECT SITE

The site is located in Ewa Beach HI, (21.316085°, -157.996306°). The property was formerly used as a weather observation site and tsunami warning center.

The site is mostly flat with terrain elevation changes approximately 3-meters in Northing and 1-meter Easting.

The site is mostly hard volcanic soil and rock that is heavily treed over the majority of the site with the exception of the South central portion which is primarily structures and other infrastructure related to a previously operating weather/ tsunami warning center.

The site was accessed by vehicle to a central site location where the UAV operations were conducted from.

Flight operations were conducted at a nominal line spacing of 5 meters at an altitude of approximately 19 meters AGL (sensor height). The altitude was selected based on highest tree height within the survey area plus a margin of safety.

Aerial data collection was conducted between July 8th and July 10th 2020. The weather during collection was mostly light winds between 5mph and 12mph with average temperatures around 85 degrees F. Aerial data collection was terminated if winds exceeded 14 mph.



FLIGHT OPERATIONS

The daily survey procedure consisted of an early morning safety and survey plan meeting. The GSM-19W Overhauser Base Station was set up, and the crew travelled to the designated takeoff and landing position. Access to the takeoff and landing zones was facilitated by on-site road access.

Prior to takeoff, pre-flight briefing and safety hazards were discussed. All flight equipment was assembled and pre-flight checked and prior to the flight logging was initiated on the MFAM sensor package. The UAV flight was initiated manually, and the ground crew monitored the ground control station, and maintained visual line of sight with the UAV during flight.

The position and altitude of the aircraft and magnetometer payload was achieved autonomously using a combination of Barometric Pressure Measurement, GPS, Compass, Inertial Measurement Unit (IMU) and RADAR altimeter. Altitudes above ground level of the sensor payload were 19 meters AGL. Above ground altitude was maintained using a combination of RADAR altitude measurement and barometric pressure readings.

Upon survey flight completion, the UAV returned to the predefined landing position, was taken over by manual flight control, and landed to ensure a safe position of the sensor payload. Between flights, the UAV was brought back to the staging area to swap batteries and check the sensor operation and data. The landing zone was marked with high visibility cones.

Raw survey data was downloaded at the completion of each flight and quality checked.

The magnetometer was suspended from the UAV in a fixed orientation by a vibration isolated mounting system at a sensor distance of approximately 1.3 meters to reduce UAV noise and magnetic interference. Nominal survey speed was maintained at 5 meters per second ground speed. Scan rates for data acquisition was 1000 hertz (Hz) for the magnetometer and 1 Hz for GPS positioning. Data was collected with a line spacing of 5m for Ewa Beach site.

Navigation of the UAV was maintained by the onboard GPS-Compass system. Pre-programmed flight plans were uploaded to the UAV prior to takeoff, and the aircraft flew the flight lines autonomously, returning to its takeoff location, or a pre-programmed landing location once the lines were completed. Landing and Takeoff were conducted manually by the UAV pilot and ground crew.

The operator was responsible for ensuring the MFAM magnetometer was properly warmed up and oriented prior to departure and that the instruments operated properly during flight.

The data was recorded for each flight and stored in real-time on-board the UAV with solid state memory. On return of the craft, the magnetometer was shut off and data were downloaded and checked for errors.

AIRCRAFT EQUIPMENT

The unmanned aircraft used was a Hexacopter. The platform has a maximum takeoff weight of 55lbs and contains various onboard systems specifically developed for use in geophysical surveys while providing the highest level of safety possible. Some of these features are: Triple redundant IMUs, Barometers, and Compass Systems. Dual GPS system, dual battery systems and redundant power management systems. The aircraft has 6 propulsion motors which can maintain flight in the event of a motor failure. The aircraft also has emergency features such as autonomous return to home, battery failsafe and Autoland.

AIRBORNE MAGNETOMETER SYSTEM:

The Magnetometer payload is centered around a Geometrics Micro Fabricated Atomic Magnetometer (MFAM) sensor package. It is a dual sensor 1000 hz logging rate device with onboard SD logging, GPS and Wi-Fi capabilities. Specifications listed below.

Operating Principle: Laser pumped cesium vapor (Cs133 non-radioactive) total field scalar magnetometer.

Operating Range: 20,000 to 100,000 nT.

Gradient Tolerance: 10,000nT/m.

Operating Zones: Configured for operation anywhere in the world without dead zones.

Dead Zone: None.

Noise/Sensitivity: 0.005nT/ Hzrms typical.

Sample Rate: 1000 Hz. synchronized to GPS 1PPS.

Bandwidth: 400Hz.

Heading Error: ± 5 nT over entire 360° equatorial and polar spins typical.

Output: WiFi data download over 2.4GHz WiFi access point.

GPS: Commercial grade with typical 1 m accuracy.

USB Port: Port for USB flash drive. Used for field upgrades.

Data Logger: Built in Data Logger.

Data Storage: 32 Gbyte Micro SD card, U3 speed class

MAGNETOMETER BASE STATION

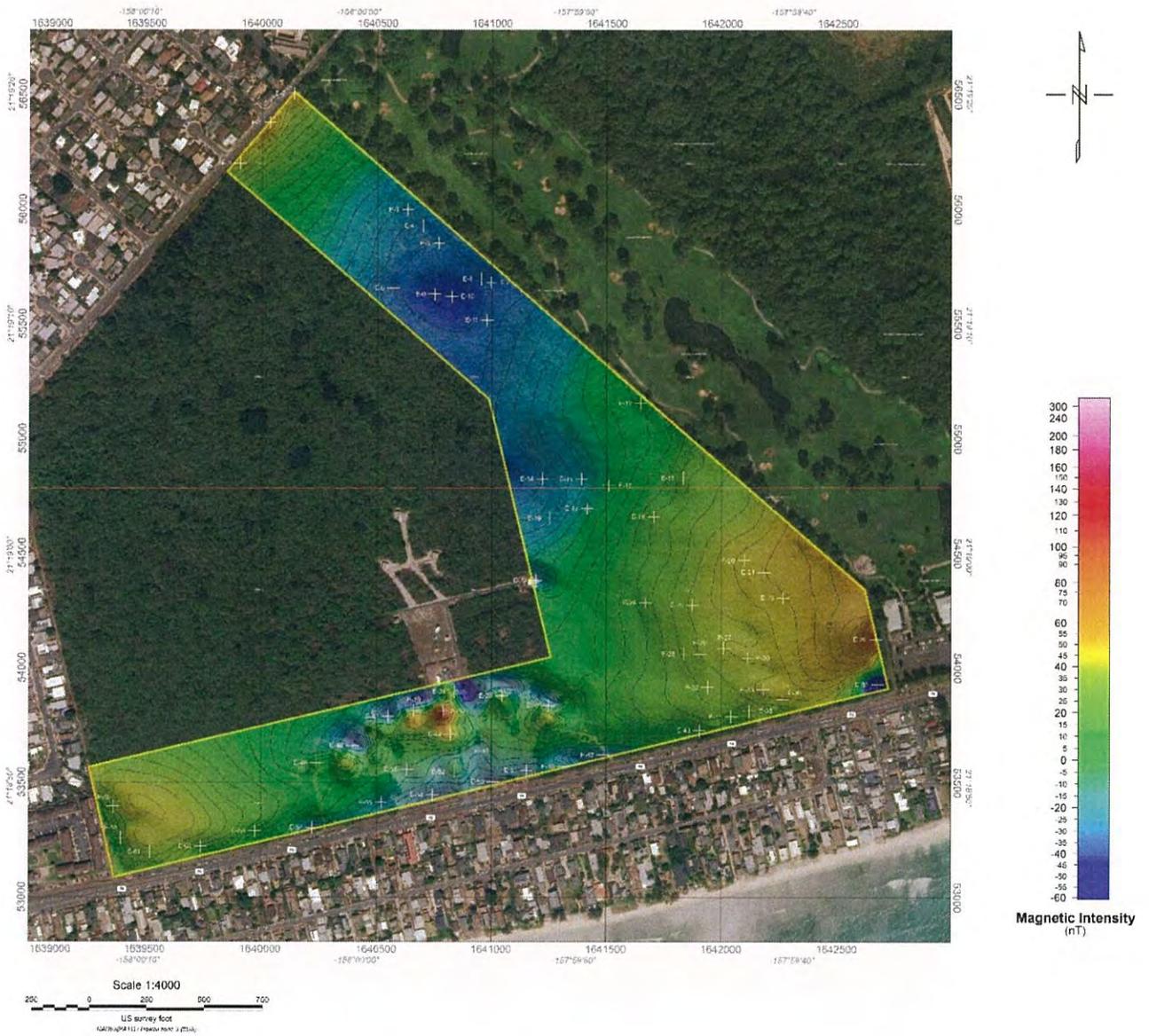
A Gem Systems GSM-19W Overhauser base station magnetometer was set up each day at least 30 min prior to surveying to record the diurnal variations of the Earth's magnetic field. The base station was automatically time synchronized to UTC time using a GPS-integrated GSM-19 mobile magnetometer by Gem Systems. The base station collected data at a rate of one reading every 4 seconds.

DATA PROCESSING

For each mission, raw data files were initially batch processed into a single comma-delimited file using custom software.

- The concatenated files from each mission were imported into Oasis Montaj for all remaining processing.
- Applied corrections:
 - Instrument Lag
 - Magnetic Heading
 - Major attitude noise due to wind
 - Diurnal variation
 - 1D filtering
 - Combining sorties into one dataset
 - Trend removal filter
 - Analytic signal grid filter
 - Other 2D smoothing filters
- Two maps for each site were published:
 - Magnetic intensity map
 - Best reflects the real-world magnetic field without major geologic trends.
 - Both negative and positive anomalies are visible
 - Units are nT (nanotesla)
 - Analytic Signal
 - Analytic Signal is a 2D grid filter applied to the gridded Total Magnetic Intensity data (measured by the sensor in nanoTeslas). The calculation is performed using this formula: $\text{Analytic Signal} = \sqrt{dx^2 + dy^2 + dz^2}$ (2019 Geosoft Inc.). The output grid contains all positive values (in nanoTeslas per meter) and better resolves the source location of dipolar and monopolar anomalies, especially where the Earth's magnetic inclination is low and/or remanence of the anomaly source is unknown.
 - Used to pick magnetic anomaly peak locations with minimum thresholds determined based on the statistics of each data set.
 - The minimum selection threshold for the Ewa Beach site is 0.38 nT/m

Ewa Beach Site: Magnetic Intensity Map



LIST OF ANOMALIES

A total of 62 analytic signal anomalies for the Ewa Beach site (denoted E-0 through E-61)

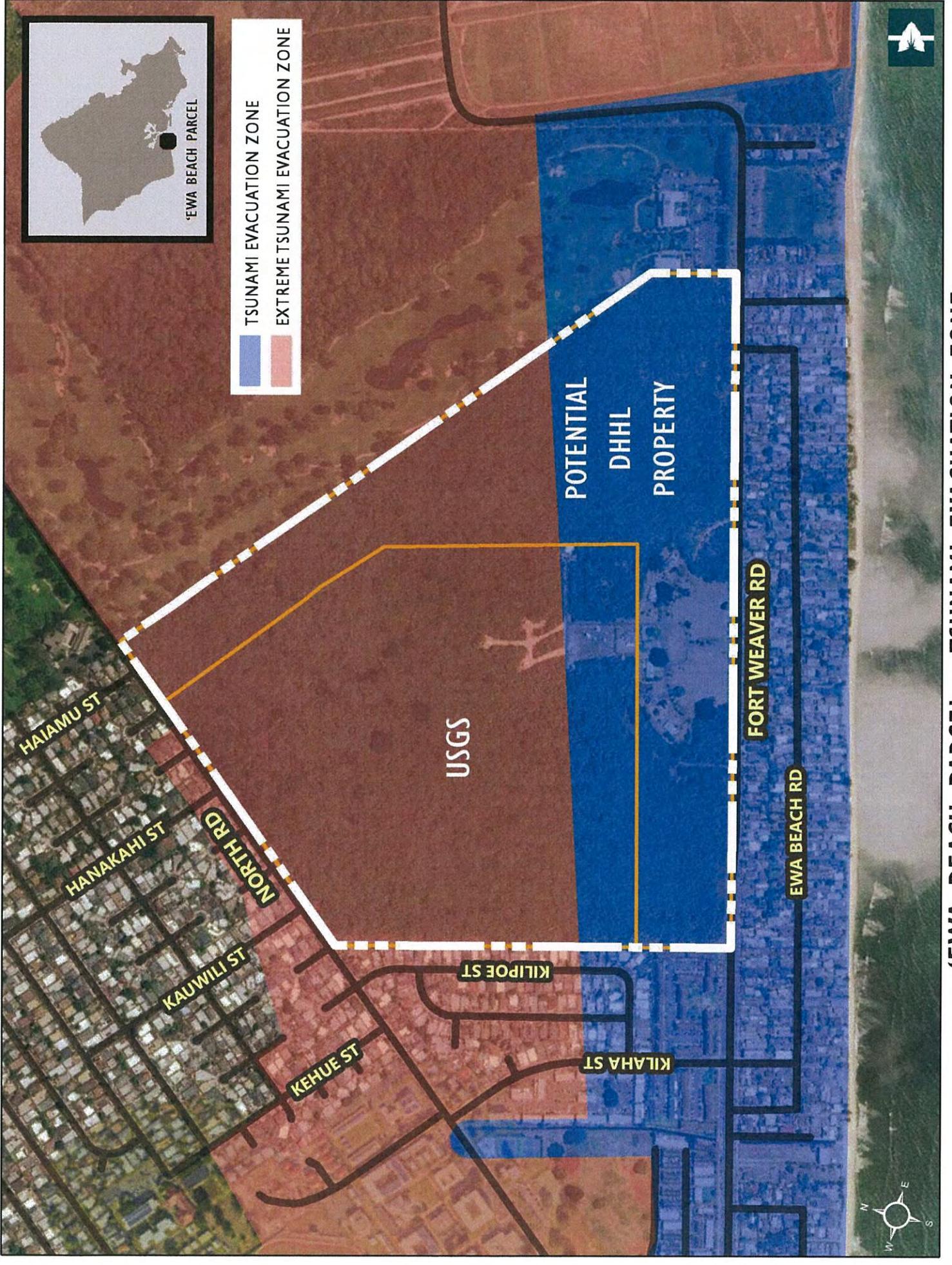
Anomaly_ID	Analytic_Signal	SPC_Easting_HI_zone3_NAD83_P A11	SPC_Northin_g_HI_zone3_NAD83_PA11	UTM_Easting_zone_4N_W_GS84	UTM_Northing_zone_4N_W_GS84	Longitude	Latitude
E-0	1.504384756	1640140.25	56504.06874	603623.8	2358137.6	-158.00081	21.32222
E-1	1.880594134	1640037.051	56376.73571	603592.6	2358098.6	-158.00112	21.32187
E-2	0.96491462	1639907.931	56198.37196	603553.6	2358044	-158.00149	21.32138
E-3	0.386829138	1640631.922	55997.52884	603774.6	2357984.2	-157.99937	21.32082
E-4	0.397096813	1640699.746	55928.83815	603795.4	2357963.4	-157.99917	21.32063
E-5	0.395543754	1640767.516	55851.61528	603816.2	2357940	-157.99897	21.32042
E-6	0.543107748	1640954.25	55696.84469	603873.4	2357893.2	-157.99842	21.32
E-7	0.52928108	1640996.802	55679.50958	603886.4	2357888	-157.9983	21.31995
E-8	0.542110026	1640570.031	55656.62039	603756.4	2357880.2	-157.99955	21.31988
E-9	0.642864227	1640749.044	55629.88674	603811	2357872.4	-157.99902	21.31981
E-10	0.629874527	1640825.78	55620.86723	603834.4	2357869.8	-157.9988	21.31979
E-11	0.402870357	1640978.709	55517.50636	603881.2	2357838.6	-157.99835	21.3195
E-12	0.393343389	1641650.478	55154.87724	604086.6	2357729.4	-157.99638	21.3185
E-13	0.553815663	1641836.128	54829.46327	604143.8	2357630.6	-157.99583	21.31761
E-14	0.604966164	1641221.757	54824.82929	603956.6	2357628	-157.99763	21.31759
E-15	0.519343257	1641392.401	54823.74646	604008.6	2357628	-157.99713	21.31759
E-16	0.421364367	1641511.689	54797.39193	604045	2357620.2	-157.99678	21.31752
E-17	0.503987491	1641417.185	54695.60131	604016.4	2357589	-157.99706	21.31724
E-18	0.471346229	1641707.063	54659.6318	604104.8	2357578.6	-157.99621	21.31714
E-19	0.545874953	1641254.803	54653.96907	603967	2357576	-157.99754	21.31712
E-20	0.527797818	1642098.352	54469.43344	604224.4	2357521.4	-157.99506	21.31662
E-21	0.462246329	1642183.349	54417.69898	604250.4	2357505.8	-157.99481	21.31647
E-22	3.127064466	1641193.345	54381.31819	603948.8	2357492.8	-157.99772	21.31637
E-23	0.417576164	1642267.967	54306.2393	604276.4	2357472	-157.99456	21.31617
E-24	0.430784523	1641670.552	54284.43244	604094.4	2357464.2	-157.99632	21.31611
E-25	0.490911663	1641875.27	54274.60095	604156.8	2357461.6	-157.99571	21.31608
E-26	4.778552055	1642667.842	54124.51916	604398.6	2357417.4	-157.99339	21.31567
E-27	0.500160098	1642010.594	54086.02683	604198.4	2357404.4	-157.99532	21.31556
E-28	0.434455663	1641839.788	54061.51302	604146.4	2357396.6	-157.99582	21.31549
E-29	0.475313514	1641908.045	54061.07993	604167.2	2357396.6	-157.99562	21.31549
E-30	0.470175385	1642112.709	54042.7163	604229.6	2357391.4	-157.99502	21.31544
E-31	12.32973957	1642675.129	53928.22504	604401.2	2357357.6	-157.99336	21.31513
E-32	0.440909117	1641941.254	53915.81635	604177.6	2357352.4	-157.99552	21.31509
E-33	0.88869828	1642180.1	53905.76838	604250.4	2357349.8	-157.99482	21.31506
E-34	7.951717377	1640840.44	53897.20329	603842.2	2357344.6	-157.99876	21.31504
E-35	4.241899967	1641045.104	53878.83967	603904.6	2357339.4	-157.99815	21.31499
E-36	0.767869949	1642265.152	53862.56614	604276.4	2357336.8	-157.99457	21.31495
E-37	4.203312874	1641249.606	53834.87951	603967	2357326.4	-157.99755	21.31487
E-38	0.659694254	1642119.78	53812.29338	604232.2	2357321.2	-157.995	21.31481
E-39	7.135710239	1640660.722	53813.01827	603787.6	2357318.6	-157.99928	21.31481
E-40	13.10620689	1640788.705	53812.20624	603826.6	2357318.6	-157.99891	21.31481
E-41	0.688394248	1642042.828	53787.18406	604208.8	2357313.4	-157.99522	21.31474
E-42	4.432692528	1640549.642	53788.12546	603753.8	2357310.8	-157.99961	21.31474
E-43	1.547911525	1641905.934	53728.32497	604167.2	2357295.2	-157.99562	21.31458
E-44	5.89821434	1640822.184	53709.60348	603837	2357287.4	-157.99881	21.31452
E-45	0.911513329	1640958.537	53683.14077	603878.6	2357279.6	-157.99841	21.31445
E-46	4.286837578	1640395.25	53661.11706	603707	2357271.8	-158.00006	21.31439
E-47	2.375426531	1641487.153	53620.05919	604039.8	2357261.4	-157.99686	21.31428
E-48	1.238784909	1640241.184	53585.30176	603660.2	2357248.4	-158.00052	21.31418
E-49	2.356275558	1641316.185	53569.94877	603987.8	2357245.8	-157.99736	21.31414
E-50	0.396917105	1640633.502	53557.21506	603779.8	2357240.6	-157.99936	21.31411
E-51	0.902366221	1641153.965	53553.91294	603938.4	2357240.6	-157.99783	21.31411
E-52	1.213528156	1640838.22	53547.38368	603842.2	2357238	-157.99876	21.31408
E-53	1.62030983	1641008.593	53503.64009	603894.2	2357225	-157.99826	21.31396
E-54	1.380733609	1640743.717	53445.59291	603813.6	2357206.8	-157.99904	21.31338
E-55	0.710113764	1640521.663	53412.8716	603746	2357196.4	-157.99969	21.31371
E-56	1.254532695	1639961.123	53394.63701	603392.4	2357188.6	-158.00031	21.31366
E-57	2.766536951	1640222.333	53303.84776	603655	2357162.6	-158.00057	21.31341
E-58	0.924865067	1639974.791	53288.3532	603579.6	2357157.4	-158.0013	21.31337
E-59	1.229219079	1639394.385	53257.90535	603402.8	2357147	-158.0003	21.31328
E-60	1.156757712	1639743.989	53221.5572	603509.4	2357136.6	-158.00198	21.31318
E-61	0.950094402	1639521.989	53197.36802	603441.8	2357128.8	-158.00263	21.31311

Ewa Beach

- Possible higher priority targets at Ewa Beach: E-13, 14, 15, 19, 20, 27, 23
- Large anomalies parallel to road on south, west, and northwest edges (E-1, 43, 53, 54,56, 57, 59, 60 notable)
- Large anomalies due to steel structures: E-22, 34, 35, 37, 39, 40, 42, 44, 46
- Very large unknown negative anomaly E-31 in SE corner
- Broad features like E-6 through E-11 may be geologic, consider possible investigation
- E52, 45 could be steel pipes related to the irrigation system in the front lawn

DISCLAIMER AND RELEASE OF LIABILITY

The enclosed report, data, results and interpretation were conducted as a wide area survey to aid in the identification of both buried infrastructure and potential UXO objects within the Ewa Beach sites. The user of this data, results, report and provided interpretations, agrees to release DUDEK and its personnel of any and all liability related to the use and reliance upon the contained results. Furthermore, the users agree to release liabilities, perceived or otherwise, toward DUDEK, caused by actions or recommendations or lack thereof related to the discovery, deliberate or accidental of any UXO objects within the surveyed sites.



'EWA BEACH PARCEL - TSUNAMI EVACUATION ZONE





U.S. Fish and Wildlife Service

National Wetlands Inventory

GSA Ewa Beach

Exhibit F

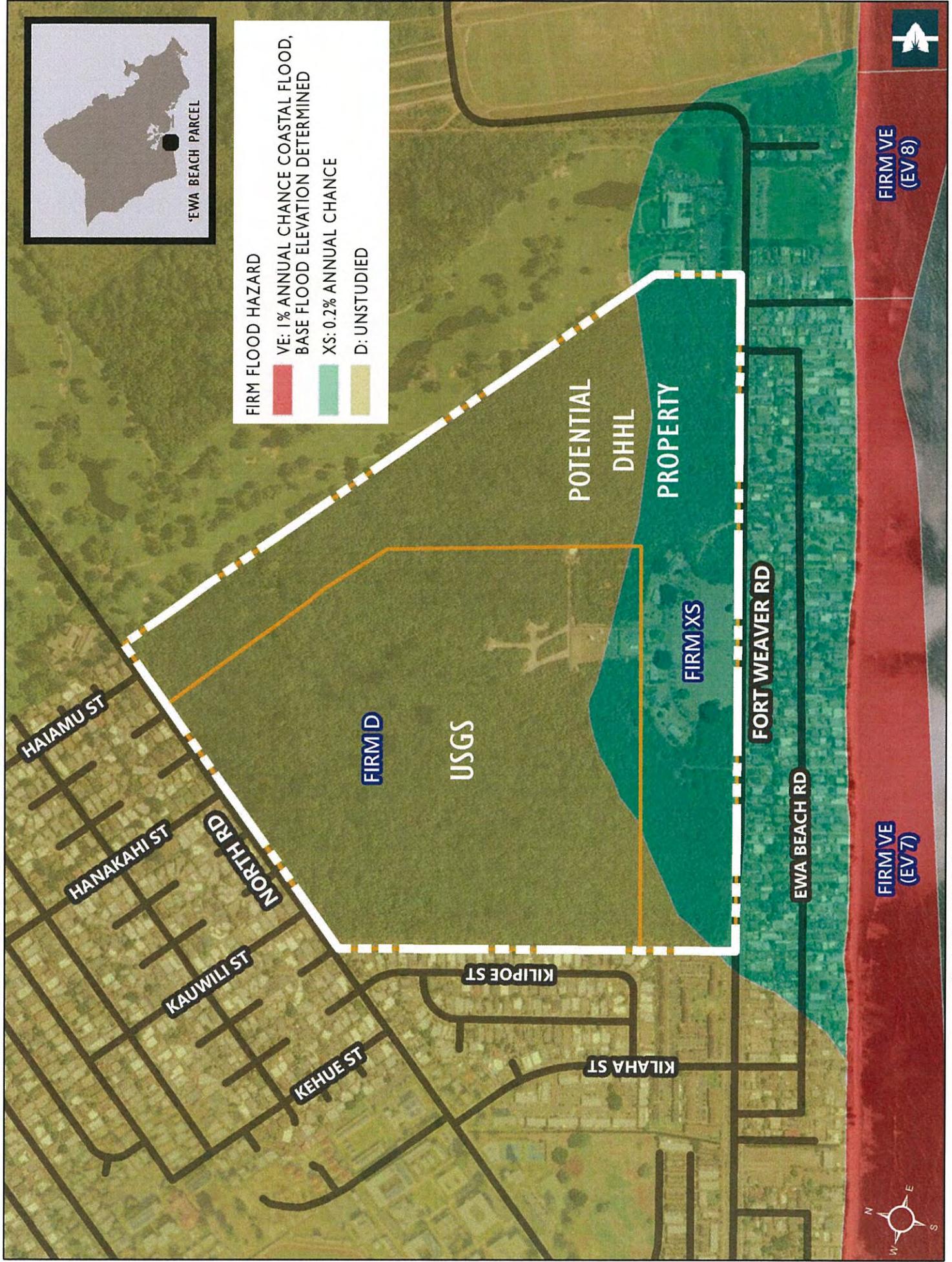


May 8, 2020

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



'EWA BEACH PARCEL - FLOOD INSURANCE RATE MAP

Appendix **II**

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY FORMS

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238938-001 2014-1-A01		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	85% 15%
0238938-002 2014-1-A02		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	85% 15%
0238938-003 2014-1-A03		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler	85% 15%
0238938-004 2014-1-A04		LAYER 1 Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica	12% 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/11/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238938-005 2014-1-A05		LAYER 1 Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica	12% 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler	 100%
0238938-006 2014-1-A06		LAYER 1 Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica	12% 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	 100%
0238938-007 2014-1-A07		LAYER 1 Concrete Wall, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler	 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-008 2014-1-A08		LAYER 1 Concrete Wall, Beige/ Tan	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 2 Paint, White/ Lt. Green	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-009 2014-1-A09		LAYER 1 Concrete Wall, Beige/ Tan	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 2 Paint, White/ Lt. Green	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-010 2014-1-A10		LAYER 1 CMU, Beige/ Tan	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-011 2014-1-A11		LAYER 1 CMU, Beige/ Tan	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-012 2014-1-A12		LAYER 1 CMU, Beige/ Tan	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-013 2014-1-A13		Trim Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-014 2014-1-A14		Trim Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-015 2014-1-A15		Trim Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/11/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-016 2014-1-A16		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 3 Mastic, Brown	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-017 2014-1-A17		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-018 2014-1-A18		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-019 2014-1-A19		LAYER 1 Ceramic Wall Tile, Pink/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 3 Thin Set, Gray	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
0238938-020 2014-1-A20		LAYER 1 Ceramic Wall Tile, Pink/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
0238938-021 2014-1-A21		LAYER 1 Ceramic Wall Tile, Pink/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-022 2014-1-A22		LAYER 1 Ceramic Wall Tile, White/ Pink/ Off White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
0238938-023 2014-1-A23		LAYER 1 Ceramic Wall Tile, White/ Pink/ Off White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
0238938-024 2014-1-A24		LAYER 1 Ceramic Wall Tile, White/ Pink/ Off White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-025 2014-1-A25		LAYER 1 Ceramic Floor Tile, Lt. Pink	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0238938-026 2014-1-A26		LAYER 1 Ceramic Floor Tile, Lt. Pink	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0238938-027 2014-1-A27		LAYER 1 Ceramic Floor Tile, Lt. Pink	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-028 2014-1-A28		LAYER 1 Ceramic Floor Tile, Lt. Pink/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-029 2014-1-A29		LAYER 1 Ceramic Floor Tile, Lt. Pink/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-030 2014-1-A30		LAYER 1 Ceramic Floor Tile, Lt. Pink/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-031 2014-1-A31		Bathroom Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-032 2014-1-A32		Bathroom Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-033 2014-1-A33		Bathroom Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-034 2014-1-A34		Window Frame Caulking, Off White/ Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-035 2014-1-A35		Window Frame Caulking, Off White/ Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-036 2014-1-A36		Window Frame Caulking, Off White/ Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-037 2014-1-A37		Ceramic Wall Tile, Lt. Blue/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%

EMC LABS, INC.

Laboratory Report

0238938

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-038 2014-1-A38		LAYER 1 Ceramic Wall Tile, Lt. Blue/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Gypsum Quartz Carbonates Binder/Filler 100%
0238938-039 2014-1-A39		LAYER 1 Ceramic Wall Tile, Lt. Blue/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-040 2014-1-A40		LAYER 1 Ceramic Floor Tile, Lt. Blue/ White	No	None Detected	Quartz Gypsum Carbonates Binder/Filler 100%
		LAYER 2 Thin Set, Off White	No	None Detected	Synthetic Fiber 1% Quartz Gypsum Carbonates Mica Binder/Filler 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-041 2014-1-A41		LAYER 1 Ceramic Floor Tile, Lt. Blue/ White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Thin Set, Off White	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238938-042 2014-1-A42		LAYER 1 Ceramic Floor Tile, Lt. Blue/ White	No	None Detected	Quartz Gypsum Carbonates Binder/Filler 100%
		LAYER 2 Thin Set, Off White	No	None Detected	Synthetic Fiber 1% Quartz Gypsum Carbonates Mica Binder/Filler 99%
0238938-043 2014-1-A43		Carpet Mastic, Yellow/ White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-044 2014-1-A44		Carpet Mastic, Yellow/ White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-045 2014-1-A45		Carpet Mastic, Yellow/ White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-046 2014-1-A46		LAYER 1 Ceramic Floor Tile, Beige/ Brown	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-047 2014-1-A47		Ceramic Floor Tile, Brown	No	None Detected	Quartz Gypsum Binder/Filler 100%
0238938-048 2014-1-A48		LAYER 1 Ceramic Floor Tile, Beige/ Brown	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-049 2014-1-A49		LAYER 1 Concrete Wall, Gray	No	None Detected	Carbonates Quartz Gypsum Mica Binder/Filler 100%
		LAYER 2 Concrete Wall, Brown	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
		LAYER 3 Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238938-050 2014-1-A50		Concrete Wall, Beige/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238938-051 2014-1-A51		Concrete Wall, Beige/ Brown	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238938-052 2014-1-A52		CMU Wall, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238938-053 2014-1-A53		CMU Wall, Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-054 2014-1-A54		CMU Wall, Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-055 2014-1-A55		Window Frame Caulking, Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-056 2014-1-A56		Window Frame Caulking, Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-057 2014-1-A57		Window Frame Caulking, Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-058 2014-1-A58		Attic Insulation, Yellow	No	None Detected	Fibrous Glass	100%
0238938-059 2014-1-A59		Attic Insulation, Yellow	No	None Detected	Fibrous Glass	100%
0238938-060 2014-1-A60		Attic Insulation, Yellow	No	None Detected	Fibrous Glass	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/11/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238938-061 2014-1-A61		LAYER 1 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 3 Roofing Material, White/Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 4 Roofing Material, Clear	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0238938-062 2014-1-A62		LAYER 1 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 3 Roofing Material, White/Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 4 Roofing Material, Clear	No	None Detected	Fibrous Glass <1% Carbonates Quartz Binder/Filler 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/11/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238938-063 2014-1-A63		LAYER 1 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 3 Roofing Material, White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 4 Roofing Material, Clear	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-064 2014-1-A64		Rain Gutter Caulking, White	No	None Detected	Silicone	100%
0238938-065 2014-1-A65		Rain Gutter Caulking, White	No	None Detected	Silicone	100%
0238938-066 2014-1-A66		Rain Gutter Caulking, White	No	None Detected	Silicone	100%
0238938-067 2014-1-A67		Roof Peak Caulking, Lt. Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238938

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/11/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238938-068 2014-1-A68		Roof Peak Caulking, Lt. Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-069 2014-1-A69		Roof Peak Caulking, Lt. Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238938-070 2014-1-A70		Solar Roof Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	3% 97%
0238938-071 2014-1-A71		Solar Roof Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	5% 95%
0238938-072 2014-1-A72		Solar Roof Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	3% 97%
0238938-073 2014-1-A73		Solar Foam Pipe Insulation, Black	No	None Detected	Foam	100%
0238938-074 2014-1-A74		Solar Foam Pipe Insulation, Black	No	None Detected	Foam	100%
0238938-075 2014-1-A75		Solar Foam Pipe Insulation, Black	No	None Detected	Foam	100%

EMC LABS, INC.

Laboratory Report

0238938

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/11/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID	Sample	Layer Name /	Asbestos	Asbestos Type	Non-Asbestos
Client ID	Location	Sample Description	Detected	(%)	Constituents



Analyst - Octavio Gavarreteayestas



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238937-001 2014-2-A01		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	85% 15%
0238937-002 2014-2-A02		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	85% 15%
0238937-003 2014-2-A03		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	85% 15%
0238937-004 2014-2-A04		LAYER 1 CMU Wall, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
		LAYER 2 Paint/ Coating, White/ Lt. Green	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238937-005 2014-2-A05		LAYER 1 CMU Wall, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%
		LAYER 2 Paint/ Coating, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/24/2020
Collected: 06/11/2020 Date Reported: 06/24/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-006 2014-2-A06		LAYER 1 CMU Wall, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint/ Coating, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-007 2014-2-A07		Trim Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-008 2014-2-A08		Trim Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-009 2014-2-A09		Trim Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-010 2014-2-A10		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Cove Base Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-011 2014-2-A11		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Cove Base Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 3 Cove Base Mastic, Brown	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-012 2014-2-A12		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Cove Base Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-013 2014-2-A13		LAYER 1 Ceramic Floor Tile, Lt. Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Red	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/24/2020
Collected: 06/11/2020 Date Reported: 06/24/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-014 2014-2-A14		LAYER 1 Ceramic Floor Tile, Lt. Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Red	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238937-015 2014-2-A15		LAYER 1 Ceramic Floor Tile, Lt. Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Red	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238937-016 2014-2-A16		LAYER 1 Ceramic Wall Tile, White/ Lt. Gray	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, White	No	None Detected	Gypsum Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-017 2014-2-A17		LAYER 1 Ceramic Wall Tile, White/ Lt. Gray	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, White	No	None Detected	Gypsum Carbonates Quartz Binder/Filler 100%
0238937-018 2014-2-A18		LAYER 1 Ceramic Wall Tile, White/ Lt. Gray	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, White	No	None Detected	Gypsum Carbonates Quartz Binder/Filler 100%
0238937-019 2014-2-A19		LAYER 1 Ceramic Floor Tile, White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Cellulose Fiber <1% Quartz Gypsum Carbonates Mica Binder/Filler 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/24/2020
Collected: 06/11/2020 Date Reported: 06/24/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-020 2014-2-A20		LAYER 1 Ceramic Floor Tile, White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238937-021 2014-2-A21		LAYER 1 Ceramic Floor Tile, White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Cellulose Fiber Quartz Gypsum Carbonates Mica Binder/Filler <1% 99%
0238937-022 2014-2-A22		Carpet Mastic, Tan	No	None Detected	Fibrous Glass Carbonates Gypsum Quartz Binder/Filler 5% 95%
0238937-023 2014-2-A23		Carpet Mastic, Tan	No	None Detected	Fibrous Glass Carbonates Gypsum Quartz Binder/Filler 5% 95%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238937-024 2014-2-A24		Carpet Mastic, Tan	No	None Detected	Fibrous Glass Carbonates Gypsum Quartz Binder/Filler	5% 95%
0238937-025 2014-2-A25		Window Caulking, Dk. Brown	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238937-026 2014-2-A26		Window Caulking, Dk. Brown	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238937-027 2014-2-A27		Window Caulking, Dk. Brown	No	None Detected	Carbonates Quartz Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-028 2014-2-A28		LAYER 1 Ceramic Floor Tile, Lt. Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Red	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
		LAYER 3 Thin Set, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
		LAYER 4 Mastic, Black	Yes	Chrysotile 2%	Carbonates Gypsum Quartz Binder/Filler 98%

0238937-029
2014-2-A29

LAYER 1
Ceramic Floor Tile, Lt. Tan
Note: *Not analyzed per client request

LAYER 2
Grout, Red
Note: *Not analyzed per client request

LAYER 3
Thin Set, Gray
Note: *Not analyzed per client request

LAYER 4
Mastic, Black
Note: *Not analyzed per client request

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-030 2014-2-A30		LAYER 1 Ceramic Floor Tile, Lt. Tan Note: *Not analyzed per client request LAYER 2 Grout, Red Note: *Not analyzed per client request LAYER 3 Thin Set, Gray Note: *Not analyzed per client request LAYER 4 Mastic, Black Note: *Not analyzed per client request			
0238937-031 2014-2-A31		Bathroom Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-032 2014-2-A32		Bathroom Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-033 2014-2-A33		Bathroom Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238937-034 2014-2-A34		LAYER 1 Insulation (Attic), Pink	No	None Detected	Fibrous Glass	100%
		LAYER 2 Wrap, Silver	No	None Detected	Fibrous Glass Aluminum Carbonates Gypsum Quartz Binder/Filler	<1% 99%
0238937-035 2014-2-A35		LAYER 1 Insulation (Attic), Pink	No	None Detected	Fibrous Glass	100%
		LAYER 2 Wrap, Silver	No	None Detected	Fibrous Glass Aluminum Carbonates Gypsum Quartz Binder/Filler	1% 99%
0238937-036 2014-2-A36		LAYER 1 Insulation (Attic), Pink	No	None Detected	Fibrous Glass	100%
		LAYER 2 Wrap, Silver	No	None Detected	Fibrous Glass Aluminum Carbonates Gypsum Quartz Binder/Filler	<1% 99%

EMC LABS, INC.

Laboratory Report

0238937

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/24/2020
Collected: 06/11/2020 Date Reported: 06/24/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-037 2014-2-A37		LAYER 1 Terra Cotta Tile, Lt. Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238937-038 2014-2-A38		LAYER 1 Terra Cotta Tile, Lt. Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238937-039 2014-2-A39		LAYER 1 Terra Cotta Tile, Lt. Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238937-040 2014-2-A40		Window Caulking, Dk. Brown	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238937-041 2014-2-A41		Window Caulking, Dk. Brown	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238937-042 2014-2-A42		Window Caulking, Dk. Brown	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238937-043 2014-2-A43		LAYER 1 Roofing Material, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	10% 90%
		LAYER 2 Roofing Material, White/ Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 3 Roofing Material, White/ Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 4 Roofing Material, Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	30% 70%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/24/2020
Collected: 06/11/2020 Date Reported: 06/24/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-044 2014-2-A44		LAYER 1 Roofing Material, Black	No	None Detected	Cellulose Fiber 5% Carbonates Quartz Binder/Filler 95%
		LAYER 2 Roofing Material, White/ Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 3 Roofing Material, White/ Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 4 Roofing Material, Black	No	None Detected	Fibrous Glass 30% Carbonates Quartz Binder/Filler 70%
0238937-045 2014-2-A45		LAYER 1 Roofing Material, Black	No	None Detected	Cellulose Fiber 5% Carbonates Quartz Binder/Filler 95%
		LAYER 2 Roofing Material, White/ Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 3 Roofing Material, White/ Black	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 4 Roofing Material, Black	No	None Detected	Fibrous Glass 30% Carbonates Quartz Binder/Filler 70%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/24/2020
Collected: 06/11/2020 Date Reported: 06/24/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-046 2014-2-A46		LAYER 1 Rain Gutter Caulking, Clear	No	None Detected	Silicone 100%
		LAYER 2 Rain Gutter Caulking, White	No	None Detected	Silicone 100%
0238937-047 2014-2-A47		Rain Gutter Caulking, White	No	None Detected	Silicone 100%
0238937-048 2014-2-A48		Rain Gutter Caulking, White	No	None Detected	Silicone 100%
0238937-049 2014-2-A49		LAYER 1 Side Peak Caulking, Cream	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Side Peak Caulking, Black	No	None Detected	Cellulose Fiber 10% Carbonates Quartz Binder/Filler 90%
0238937-050 2014-2-A50		LAYER 1 Side Peak Caulking, Cream	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Side Peak Caulking, Black	No	None Detected	Cellulose Fiber 10% Carbonates Quartz Binder/Filler 90%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/24/2020
Collected: 06/11/2020 Date Reported: 06/24/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-051 2014-2-A51		LAYER 1 Side Peak Caulking, Cream	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Side Peak Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler 10% 90%
0238937-052 2014-2-A52		O-Ring Spacer, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-053 2014-2-A53		O-Ring Spacer, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-054 2014-2-A54		O-Ring Spacer, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238937-055 2014-2-A55		Solar Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler 5% 95%
0238937-056 2014-2-A56		Solar Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler 5% 95%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238937-057 2014-2-A57		LAYER 1 Solar Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	3% 97%
		LAYER 2 Solar Caulking, White/ Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
0238937-058 2014-2-A58		Solar Caulking, Tan	No	None Detected	Carbonates Quartz Silicone	 100%
0238937-059 2014-2-A59		Solar Caulking, Tan	No	None Detected	Carbonates Quartz Silicone	 100%
0238937-060 2014-2-A60		Solar Caulking, Tan	No	None Detected	Carbonates Quartz Silicone	 100%
0238937-061 2014-2-A61		Vent Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	7% 93%
0238937-062 2014-2-A62		Vent Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	5% 95%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238937-063 2014-2-A63		Vent Caulking, Black	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	5% 95%
0238937-064 2014-2-A64		CMU Wall, Beige/ Lt. Pink	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%
0238937-065 2014-2-A65		CMU Wall, Beige/ Lt. Pink	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%
0238937-066 2014-2-A66		CMU Wall, Beige/ Lt. Pink	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%
0238937-067 2014-2-A67		Concrete Walkway, Gray/ Red	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler	 100%
0238937-068 2014-2-A68		Concrete Walkway, Gray/ Red	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238937

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/24/2020
Collected:	06/11/2020	Date Reported:	06/24/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238937-069 2014-2-A69		Concrete Walkway, Gray/ Red	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
0238937-070 2014-2-A70		Solar Foam Insulation, Black	No	None Detected	Foam 100%
0238937-071 2014-2-A71		Solar Foam Insulation, Black	No	None Detected	Foam 100%
0238937-072 2014-2-A72		Solar Foam Insulation, Black	No	None Detected	Foam 100%



Analyst - Dustin White



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

CHAIN OF CUSTODY
 EMC Labs, Inc.
 9830 S. 51st St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB # 23 8931
 TAT: 3-5 days
 Rec'd: JUN 17 P.M.

COMPANY NAME: ENVIROSERVICES & TRAINING CENTER, LLC
505 Ward Ave. Suite #202
Honolulu, HI 96814
 CONTACT: Antone Gabriel, Sara Marvin,
 Phone/Fax: (808) 839-7222 ext 232/ (808) 839-4455
 Email: agabriel@gotoetc.com, bcarroll@gotoetc.com,
jsahib@gotoetc.com, smarvin@gotoetc.com,

BILL TO: (If Different Location)
Trina Oshiro
505 Ward Ave Suite 202
Honolulu, Hawaii 96814

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [Same Day RUSH] [1-Day] [2-Day] [3-4-5 Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: **DHHL - Former NOAA NWS PTWC** Project Number: **20-2014**

EMC SAMPL E #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
<u>1-3</u>	2014-2-A01 thru A03	6/11/20	Canec ceiling	<u>Y</u> N
<u>4-6</u>	2014-2-A04 thru A06	6/11/20	CMU wall	Y N
<u>7-9</u>	2014-2-A07 thru A09	6/11/20	Trim caulking	Y N
<u>10-12</u>	2014-2-A10 thru A12	6/11/20	Cove base mastic	Y N
<u>13-15</u>	2014-2-A13 thru A15	6/11/20	Ceramic floor tile	Y N
<u>16-18</u>	2014-2-A16 thru A18	6/11/20	Ceramic wall tile	Y N
<u>19-21</u>	2014-2-A19 thru A21	6/11/20	Ceramic floor tile	Y N
<u>22-24</u>	2014-2-A22 thru A24	6/11/20	Carpet mastic	Y N
<u>25-27</u>	2014-2-A25 thru A27	6/11/20	Window caulking	Y N
<u>28-30</u>	2014-2-A28 thru A30	6/11/20	Ceramic floor tile	Y N
<u>31-33</u>	2014-2-A31 thru A33	6/11/20	Bathroom caulking	Y N
<u>34-36</u>	2014-2-A34 thru A36	6/11/20	Attic insulation	Y N
<u>37-39</u>	2014-2-A37 thru A39	6/11/20	Terra cotta tile	Y N
<u>40-42</u>	2014-2-A40 thru A42	6/11/20	Window caulking	Y N
<u>43-45</u>	2014-2-A43 thru A45	6/11/20	Roofing material	Y N
<u>46-48</u>	2014-2-A46 thru A48	6/11/20	Rain gutter caulking	Y N
<u>49-51</u>	2014-2-A49 thru A51	6/11/20	Side peak caulking	Y N
<u>52-54</u>	2014-2-A52 thru A54	6/11/20	O-ring spacer	<u>Y</u> N

Complete Stop @ 1st Positive

EMC SAMPL E #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
55-57	2014-2-A55 thru A57	6/11/20	Solar black caulking	N
58-60	2014-2-A58 thru A60	6/11/20	Solar tan caulking	
61-63	2014-2-A61 thru A63	6/11/20	Vent caulking	
64-66	2014-2-A64 thru A66	6/11/20	CMU wall	
67-69	2014-2-A67 thru A69	6/11/20	Concrete walkway	
70-72	2014-2-A70 thru A72	6/11/20	Solar foam insulation	

SPECIAL INSTRUCTIONS: Stop at first positive

Sample Collector: (Print) Brian Carroll (Signature) 

Relinquished by BC Date/Time: 6/12/20 Received by Diana Federico Date/Time: 6/17/20 ⁹²⁵

Relinquished by: Diana Federico Date/Time: 6/17/20 ^{3:35 pm} Received by: [Signature] Date/Time: 6/17/20

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: 180

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/27/08

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-001 2014-3-A01		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 80% Carbonates Gypsum Binder/Filler 20%
0238936-002 2014-3-A02		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 80% Carbonates Gypsum Binder/Filler 20%
0238936-003 2014-3-A03		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 80% Carbonates Gypsum Binder/Filler 20%
0238936-004 2014-3-A04		LAYER 1 Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-005 2014-3-A05		LAYER 1 Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%
0238936-006 2014-3-A06		Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
0238936-007 2014-3-A07		Drywall Wall, White/ Brown	No	None Detected	Cellulose Fiber 12% Gypsum Quartz Carbonates Mica 88%
0238936-008 2014-3-A08		LAYER 1 Drywall Wall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-009 2014-3-A09		LAYER 1 Drywall Wall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Carbonates Gypsum Mica Quartz Perlite Binder/Filler 100%
0238936-010 2014-3-A10		CMU, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-011 2014-3-A11		CMU, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-012 2014-3-A12		CMU, Beige	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-013 2014-3-A13		Trim Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-014 2014-3-A14		Trim Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-015 2014-3-A15		Trim Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-016 2014-3-A16		Window Caulk, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-017 2014-3-A17		Window Caulk, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-018 2014-3-A18		Window Caulk, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-019 2014-3-A19		Sink Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-020 2014-3-A20		Sink Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/11/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-021 2014-3-A21		Sink Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-022 2014-3-A22		LAYER 1 Covebase, Cream	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-023 2014-3-A23		LAYER 1 Covebase, Cream	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%
0238936-024 2014-3-A24		LAYER 1 Covebase, Cream	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-025 2014-3-A25		LAYER 1 Ceramic Floor Tile, White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Mortar, Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-026 2014-3-A26		Mortar, Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-027 2014-3-A27		LAYER 1 Ceramic Floor Tile, White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Mortar, Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 3 Leveling Compound, Off White	No	None Detected	Gypsum Mica Carbonates Quartz Perlite Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-028 2014-3-A28		LAYER 1 Ceramic Floor Tile, Beige	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Tan	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
		LAYER 3 Mortar, Off White	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
0238936-029 2014-3-A29		LAYER 1 Ceramic Floor Tile, Beige	No	None Detected	Quartz Gypsum Carbonates Binder/Filler 100%
		LAYER 2 Grout, Tan	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
		LAYER 3 Mortar, Off White	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/11/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-030 2014-3-A30		LAYER 1 Ceramic Floor Tile, Beige	No	None Detected	Quartz Gypsum Carbonates Binder/Filler 100%
		LAYER 2 Grout, Tan	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
		LAYER 3 Mortar, Off White	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
0238936-031 2014-3-A31		LAYER 1 Carpet, Beige	No	None Detected	Synthetic Fiber Carbonates Binder/Filler 85% 15%
		LAYER 2 Carpet Mastic, Off White	No	None Detected	Synthetic Fiber Carbonates Quartz Binder/Filler <1% 99%
		LAYER 3 Pads, Green/ Yellow	No	None Detected	Foam 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/11/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238936-032 2014-3-A32		LAYER 1 Carpet, Beige	No	None Detected	Synthetic Fiber	85%
					Carbonates Binder/Filler	15%
		LAYER 2 Carpet Mastic, Off White	No	None Detected	Synthetic Fiber	1%
					Carbonates Quartz Binder/Filler	99%
		LAYER 3 Pads, Green/ Yellow	No	None Detected	Foam	100%
0238936-033 2014-3-A33		LAYER 1 Carpet, Beige	No	None Detected	Synthetic Fiber	85%
					Carbonates Binder/Filler	15%
		LAYER 2 Carpet Mastic, Off White	No	None Detected	Synthetic Fiber	<1%
					Carbonates Quartz Binder/Filler	99%
		LAYER 3 Pads, Green/ Yellow	No	None Detected	Foam	100%
0238936-034 2014-3-A34		CMU Wall, Tan	No	None Detected	Cellulose Fiber	<1%
					Carbonates Gypsum Quartz Binder/Filler	99%
0238936-035 2014-3-A35		CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-036 2014-3-A36		CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-037 2014-3-A37		Concrete Wall, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-038 2014-3-A38		Concrete Wall, Gray	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Quartz Binder/Filler 99%
0238936-039 2014-3-A39		Concrete Wall, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238936-040 2014-3-A40		Window Caulk, Brown	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-041 2014-3-A41		Window Caulk, Brown	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-042 2014-3-A42		Window Caulk, Brown	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-043 2014-3-A43		Concrete, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238936-044 2014-3-A44		Concrete, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238936-045 2014-3-A45		Concrete, Green/ Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238936-046 2014-3-A46		LAYER 1 Roofing, Black/ Off White	No	None Detected	Fibrous Glass	20%
					Carbonates Quartz Binder/Filler	80%
		LAYER 2 Roofing, Black/ Off White	No	None Detected	Fibrous Glass	20%
					Carbonates Quartz Binder/Filler	80%
		LAYER 3 Roofing, Black/ Gray	No	None Detected	Fibrous Glass	20%
				Carbonates Quartz Binder/Filler	80%	
		LAYER 4 Roofing, Black/ Gray	No	None Detected	Fibrous Glass	20%
				Carbonates Quartz Binder/Filler	80%	
		LAYER 5				
0238936-047 2014-3-A47		LAYER 1 Roofing, Black/ Off White	No	None Detected	Fibrous Glass	20%
					Carbonates Quartz Binder/Filler	80%
		LAYER 2 Roofing, Black/ Off White	No	None Detected	Fibrous Glass	20%
					Carbonates Quartz Binder/Filler	80%
		LAYER 3 Roofing, Black	No	None Detected	Fibrous Glass	20%
				Carbonates Quartz Binder/Filler	80%	
		LAYER 4 Roofing, Black	No	None Detected	Fibrous Glass	20%
				Carbonates Quartz Binder/Filler	80%	

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/11/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238936-048 2014-3-A48		LAYER 1 Roofing, Black/ Gray	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing, Black/ Off White/ Gray	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 3 Roofing, Black/ White/ Gray	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 4 Roofing, Black/ White/ Gray	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
0238936-049 2014-3-A49		Caulking, White/ Off White	No	None Detected	Silicone	100%
0238936-050 2014-3-A50		Caulking, White/ Off White	No	None Detected	Silicone	100%
0238936-051 2014-3-A51		Caulking, White/ Off White	No	None Detected	Silicone	100%
0238936-052 2014-3-A52		Caulking, White/ Tan	No	None Detected	Carbonates Silicone	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-053 2014-3-A53		Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-054 2014-3-A54		Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238936-055 2014-3-A55		Caulking, Black	No	None Detected	Cellulose Fiber 3% Carbonates Quartz Binder/Filler 97%
0238936-056 2014-3-A56		Caulking, Black	No	None Detected	Carbonates Binder/Filler 100%
0238936-057 2014-3-A57		Caulking, Black	No	None Detected	Carbonates Binder/Filler 100%
0238936-058 2014-3-A58		Foam Insulation, Black	No	None Detected	Foam 100%
0238936-059 2014-3-A59		Foam Insulation, Black	No	None Detected	Foam 100%
0238936-060 2014-3-A60		Foam Insulation, Black	No	None Detected	Foam 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238936

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238936-061 2014-3-A61		LAYER 1 Pipe Wrap Insulation, Beige/ Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Wrap, Silver	No	None Detected	Aluminum Carbonates Binder/Filler 100%
0238936-062 2014-3-A62		LAYER 1 Pipe Wrap Insulation, Beige/ Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Wrap, Silver	No	None Detected	Aluminum Carbonates Binder/Filler 100%
0238936-063 2014-3-A63		LAYER 1 Pipe Wrap Insulation, Beige/ Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Wrap, Silver	No	None Detected	Aluminum Carbonates Binder/Filler 100%

EMC LABS, INC.

Laboratory Report

0238936

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/11/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
---------------------	--------------------	------------------------------------	----------------------	----------------------	------------------------------



Analyst - Kurt Kettler



Signatory - Lab Manager - Ken Scheske

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

CHAIN OF CUSTODY
 EMC Labs, Inc.
 9830 S. 51st St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 238936
 TAT: 3-5 day
 Rec'd: JUN 17 PM

COMPANY NAME: ENVIROSERVICES & TRAINING CENTER, LLC
505 Ward Ave. Suite #202
Honolulu, HI 96814
 CONTACT: Antone Gabriel, Sara Marvin,
 Phone/Fax: (808) 839-7222 ext 232/(808) 839-4455
 Email: agabriel@gotoetc.com, bcarroll@gotoetc.com,
jsahib@gotoetc.com, smarvin@gotoetc.com,

BILL TO: (If Different Location)
Trina Oshiro
505 Ward Ave Suite 202
Honolulu, Hawaii 96814

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [Same Day RUSH] [1-Day] [2-Day] [3-4-5 Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** DHHL - Former NOAA NWS PTWC **Project Number:** 20-2014

EMC SAMPL E #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
1-3	2014-3-A01 thru A03	6/11/20	Canec ceiling	Y N
4-6	2014-3-A04 thru A06	6/11/20	Drywall ceiling	Y N
7-9	2014-3-A07 thru A09	6/11/20	Drywall wall	Y N
10-12	2014-3-A10 thru A12	6/11/20	CMU wall	Y N
13-15	2014-3-A13 thru A15	6/11/20	Trim caulking	Y N
16-18	2014-3-A16 thru A18	6/11/20	Window caulking	Y N
19-21	2014-3-A19 thru A21	6/11/20	Sink caulking	Y N
22-24	2014-3-A22 thru A24	6/11/20	Cove base/caulking	Y N
25-27	2014-3-A25 thru A27	6/11/20	Ceramic floor tile	Y N
28-30	2014-3-A28 thru A30	6/11/20	Ceramic floor tile	Y N
31-33	2014-3-A31 thru A33	6/11/20	Carpet mastic	Y N
34-36	2014-3-A34 thru A36	6/11/20	CMU wall	Y N
37-39	2014-3-A37 thru A39	6/11/20	Concrete wall	Y N
40-42	2014-3-A40 thru A42	6/11/20	Window caulking	Y N
43-45	2014-3-A43 thru A45	6/11/20	Concrete walkway	Y N
46-48	2014-3-A46 thru A48	6/11/20	Roofing material	Y N
49-51	2014-3-A49 thru A51	6/11/20	Rain gutter caulking	Y N
52-54	2014-3-A52 thru A54	6/11/20	Roof peak caulking	Y N

Complete stop e 1st Positive

EMC SAMPL E #	CLIENT 3AMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
55-57	2014-3-A55 thru A57	6/11/20	Solar black caulking	Y N
58-60	2014-3-A58 thru A60	6/11/20	Solar foam insulation	Y
61-63	2014-3-A61 thru A63	6/11/20	Pipe wrap insulation	Y

SPECIAL INSTRUCTIONS: Stop at first positive

Sample Collector: (Print) Brian Carroll (Signature) 

Relinquished by BC Date/Time: 6/12/20 Received by Diana Federico Date/Time: 6/17/20 ^{9:25}

Relinquished by: Diana Federico Date/Time: 6/17/20 ^{3:35 pm} Received by: [Signature] Date/Time: 6/17/20

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/27/08

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/25/2020
Collected:	06/12/2020	Date Reported:	06/25/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238935-001 2014-4-A01		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0238935-002 2014-4-A02		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0238935-003 2014-4-A03		Canec Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	90% 10%
0238935-004 2014-4-A04		LAYER 1 Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Quartz Carbonates Mica	10% 2% 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	 100%

EMC LABS, INC.

Laboratory Report

0238935

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/25/2020
Collected:	06/12/2020	Date Reported:	06/25/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-005 2014-4-A05		LAYER 1 Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Gypsum Mica Carbonates Quartz Perlite Binder/Filler 100%
0238935-006 2014-4-A06		Drywall Ceiling, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
0238935-007 2014-4-A07		LAYER 1 Drywall Wall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/25/2020
Collected:	06/12/2020	Date Reported:	06/25/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-008 2014-4-A08		LAYER 1 Drywall Wall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%
0238935-009 2014-4-A09		LAYER 1 Drywall Wall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Quartz Carbonates Mica 88%
		LAYER 2 Texture/ Paint, White/ Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%
0238935-010 2014-4-A10		LAYER 1 CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

Laboratory Report

0238935

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-011 2014-4-A11		LAYER 1 CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-012 2014-4-A12		LAYER 1 CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-013 2014-4-A13		Plaster-Skim Coat, Off White	No	None Detected	Gypsum Quartz Carbonates Mica Perlite 100%
0238935-014 2014-4-A14		LAYER 1 Plaster-Skim Coat, Off White	No	None Detected	Gypsum Quartz Carbonates Mica 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

Laboratory Report

02389359830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-015 2014-4-A15		LAYER 1 Plaster-Skim Coat, Off White	No	None Detected	Gypsum Quartz Carbonates Mica 100%
		LAYER 2 Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-016 2014-4-A16		Trim Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-017 2014-4-A17		Trim Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-018 2014-4-A18		Trim Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-019 2014-4-A19		LAYER 1 Window Caulking, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Window Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/25/2020
Collected:	06/12/2020	Date Reported:	06/25/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-020 2014-4-A20		LAYER 1 Window Caulking, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Window Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-021 2014-4-A21		LAYER 1 Window Caulking, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Window Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-022 2014-4-A22		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-023 2014-4-A23		LAYER 1 Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-024 2014-4-A24		Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-025 2014-4-A25		LAYER 1 Cove Base, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler 1% <1% 98%
0238935-026 2014-4-A26		LAYER 1 Cove Base, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler 1% <1% 98%
0238935-027 2014-4-A27		LAYER 1 Cove Base, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler 2% <1% 97%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-028 2014-4-A28		LAYER 1 Ceramic Floor Tile, Tan/ Beige	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Thin Set, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238935-029 2014-4-A29		Ceramic Floor Tile, Tan/ Beige	No	None Detected	Quartz Gypsum Binder/Filler 100%
0238935-030 2014-4-A30		LAYER 1 Ceramic Floor Tile, Tan/ Beige	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Tan	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
		LAYER 3 Thin Set, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-031 2014-4-A31		Ceramic Floor Tile, Off White/ Brown	No	None Detected	Quartz Gypsum Binder/Filler 100%
0238935-032 2014-4-A32		LAYER 1 Ceramic Floor Tile, Off White/ Brown	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Off White	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238935-033 2014-4-A33		LAYER 1 Ceramic Floor Tile, Off White/ Brown	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Grout, Pink	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238935-034 2014-4-A34		Ceramic Wall Tile, White/ Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
0238935-035 2014-4-A35		Ceramic Wall Tile, White/ Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-036 2014-4-A36		Ceramic Wall Tile, White/ Tan	No	None Detected	Quartz Gypsum Binder/Filler 100%
0238935-037 2014-4-A37		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-038 2014-4-A38		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-039 2014-4-A39		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-040 2014-4-A40		Sink Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-041 2014-4-A41		Sink Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-042 2014-4-A42		Sink Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-043 2014-4-A43		LAYER 1 Carpet, Beige	No	None Detected	Synthetic Fiber Carbonates Binder/Filler 85% 15%
		LAYER 2 Mastic, Off White	No	None Detected	Synthetic Fiber Carbonates Quartz Binder/Filler 1% 99%
		LAYER 3 Pads, Mauve	No	None Detected	Foam Carbonates 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/25/2020
Collected:	06/12/2020	Date Reported:	06/25/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238935-044 2014-4-A44		LAYER 1 Carpet, Beige	No	None Detected	Synthetic Fiber	85%
					Carbonates Binder/Filler	15%
		LAYER 2 Mastic, Off White	No	None Detected	Synthetic Fiber	<1%
					Carbonates Quartz Binder/Filler	99%
		LAYER 3 Pads, Mauve	No	None Detected	Foam Carbonates	100%
0238935-045 2014-4-A45		LAYER 1 Carpet, Beige	No	None Detected	Synthetic Fiber	85%
					Carbonates Binder/Filler	15%
		LAYER 2 Mastic, Off White	No	None Detected	Synthetic Fiber	1%
					Carbonates Quartz Binder/Filler	99%
		LAYER 3 Pads, Mauve	No	None Detected	Foam Carbonates	100%
0238935-046 2014-4-A46		Counter Top Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238935-047 2014-4-A47		Counter Top Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/25/2020
Collected:	06/12/2020	Date Reported:	06/25/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-048 2014-4-A48		Counter Top Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-049 2014-4-A49		CMU, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238935-050 2014-4-A50		LAYER 1 CMU, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-051 2014-4-A51		LAYER 1 CMU, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint, Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-052 2014-4-A52		LAYER 1 Concrete Wall, Gray	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
		LAYER 2 Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-053 2014-4-A53		LAYER 1 Concrete Wall, Gray	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
		LAYER 2 Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-054 2014-4-A54		LAYER 1 Concrete Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
		LAYER 2 Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-055 2014-4-A55		Window Caulking, Dk. Gray/ Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-056 2014-4-A56		Window Caulking, Dk. Gray/ Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-057 2014-4-A57		Window Caulking, Dk. Gray/ Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-058 2014-4-A58		Door Frame Caulk, White/ Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-059 2014-4-A59		Door Frame Caulk, White/ Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-060 2014-4-A60		Door Frame Caulk, White/ Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-061 2014-4-A61		Foam Insulation, Black	No	None Detected	Foam 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-062 2014-4-A62		Foam Insulation, Black	No	None Detected	Foam 100%
0238935-063 2014-4-A63		Foam Insulation, Black	No	None Detected	Foam 100%
0238935-064 2014-4-A64		LAYER 1 AC Frame Caulking, Grtay	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-065 2014-4-A65		AC Frame Caulking, Beige/ White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-066 2014-4-A66		AC Frame Caulking, Beige/ White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-067 2014-4-A67		Concrete Walkways, Gray/Black	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/25/2020
Collected:	06/12/2020	Date Reported:	06/25/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238935-068 2014-4-A68		Concrete Walkways, Gray/Black	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler	100%
0238935-069 2014-4-A69		Concrete Walkways, Gray/Black	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler	100%
0238935-070 2014-4-A70		LAYER 1 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 3 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 4 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238935-071 2014-4-A71		LAYER 1 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing Material, Black Note: Sample appears to be caulk	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238935-072 2014-4-A72		LAYER 1 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 3 Roofing Material, Tan/White/Black	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 4 Roofing Material, Black Note: Sample appears to be caulk	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238935-073 2014-4-A73		Rain Gutter Caulking, White	No	None Detected	Silicone	100%
0238935-074 2014-4-A74		Rain Gutter Caulking, White	No	None Detected	Silicone	100%
0238935-075 2014-4-A75		Rain Gutter Caulking, White	No	None Detected	Silicone	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-076 2014-4-A76		Roof Peak Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-077 2014-4-A77		Roof Peak Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-078 2014-4-A78		Roof Peak Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-079 2014-4-A79		O-Ring Spacer, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-080 2014-4-A80		O-Ring Spacer, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-081 2014-4-A81		O-Ring Spacer, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-082 2014-4-A82		Vent Caulking, Green/White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-083 2014-4-A83		Vent Caulking, Green/White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-084 2014-4-A84		Vent Caulking, Green/White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238935-085 2014-4-A85		Foam Insulation, Black	No	None Detected	Foam 100%
0238935-086 2014-4-A86		Foam Insulation, Black	No	None Detected	Foam 100%
0238935-087 2014-4-A87		Foam Insulation, Black	No	None Detected	Foam 100%
0238935-088 2014-4-A88		Caulking, Tan	No	None Detected	Silicone 100%
0238935-089 2014-4-A89		Caulking, Tan	No	None Detected	Silicone 100%
0238935-090 2014-4-A90		Caulking, Tan	No	None Detected	Silicone 100%
0238935-091 2014-4-A91		Caulking, Black	No	None Detected	Cellulose Fiber 1% Carbonates Quartz Binder/Filler 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238935

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/12/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238935-092 2014-4-A92		Caulking, Black	No	None Detected	Cellulose Fiber 1% Carbonates Quartz Binder/Filler 99%
0238935-093 2014-4-A93		Caulking, Black	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0238935-094 2014-4-A94		Attic Insulation, Yellow	No	None Detected	Fibrous Glass 98% Carbonates Gypsum 2%
0238935-095 2014-4-A95		Attic Insulation, Yellow	No	None Detected	Fibrous Glass 98% Carbonates Gypsum 2%
0238935-096 2014-4-A96		Attic Insulation, Yellow	No	None Detected	Fibrous Glass 98% Carbonates Gypsum 2%



Analyst - Octavio Gavarreteayestas



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

CHAIN OF CUSTODY

EMC Labs, Inc.
 9830 S. 51st St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 258735
 TAT: 3-5 day
 Rec'd: JUN 17 P.M.

COMPANY NAME: ENVIROSERVICES & TRAINING CENTER, LLC
505 Ward Ave. Suite #202
Honolulu, HI 96814
 CONTACT: Antone Gabriel, Sara Marvin,
 Phone/Fax: (808) 839-7222 ext 232/(808) 839-4455
 Email: agabriel@gotoetc.com, bcarroll@gotoetc.com,
jsahib@gotoetc.com, smarvin@gotoetc.com,

BILL TO: (If Different Location)
Trina Oshiro
505 Ward Ave Suite 202
Honolulu, Hawaii 96814

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [Same Day RUSH] [1-Day] [2-Day] [3-5 Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** DHHL - Former NOAA NWS PTWC **Project Number:** 20-2014

EMC SAMPL E #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
<u>1-3</u>	2014-4-A01 thru A03	6/12/20	Canec ceiling	<u>Y</u> N
<u>4-6</u>	2014-4-A04 thru A06	6/12/20	Drywall ceiling	Y N
<u>7-9</u>	2014-4-A07 thru A09	6/12/20	Drywall wall	Y N
<u>10-12</u>	2014-4-A10 thru A12	6/12/20	CMU wall	Y N
<u>13-15</u>	2014-4-A13 thru A15	6/12/20	Plaster skim coat on CMU wall	Y N
<u>16-18</u>	2014-4-A16 thru A18	6/12/20	Trim caulking	Y N
<u>19-21</u>	2014-4-A19 thru A21	6/12/20	Window caulking	Y N
<u>22-24</u>	2014-4-A22 thru A24	6/12/20	cove base/mastic	Y N
<u>25-27</u>	2014-4-A25 thru A27	6/12/20	cove base/mastic	Y N
<u>28-30</u>	2014-4-A28 thru A30	6/12/20	Ceramic floor tile	Y N
<u>31-33</u>	2014-4-A31 thru A33	6/12/20	Ceramic floor tile	Y N
<u>34-36</u>	2014-4-A34 thru A36	6/12/20	Ceramic wall tile	Y N
<u>37-39</u>	2014-4-A37 thru A39	6/12/20	Cove base/mastic	Y N
<u>40-42</u>	2014-4-A40 thru A42	6/12/20	Toile/sink caulking	Y N
<u>43-45</u>	2014-4-A43 thru A45	6/12/20	Carpet mastic	Y N
<u>46-48</u>	2014-4-A46 thru A48	6/12/20	Counter top caulking	Y N
<u>49-51</u>	2014-4-A49 thru A51	6/12/20	CMU wall	Y N
<u>52-54</u>	2014-4-A52 thru A54	6/12/20	Concrete wall	<u>Y</u> N

Complete Step @ 1st Positive

EMC SAMPL E #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
55-57	2014-4-A55 thru A57	6/12/20	Window caulking	N
58-60	2014-4-A58 thru A60	6/12/20	Door frame caulking	
61-63	2014-4-A61 thru A63	6/12/20	Foam insulation	
64-66	2014-4-A64 thru A66	6/12/20	AC frame caulking	
67-69	2014-4-A67 thru A69	6/12/20	Concrete walkways	
70-72	2014-4-A70 thru A72	6/12/20	Roofing material	
73-75	2014-4-A73 thru A75	6/12/20	Rain gutter caulking	
76-78	2014-4-A76 thru A78	6/12/20	Roof peak caulking	
79-81	2014-4-A79 thru A81	6/12/20	O-ring spacer	
82-84	2014-4-A82 thru A84	6/12/20	Vent caulking	
85-87	2014-4-A85 thru A87	6/12/20	Foam insulation	
88-90	2014-4-A88 thru A90	6/12/20	Tan caulking	
91-93	2014-4-A91 thru A93	6/12/20	Black caulking	
94-96	2014-4-A94 thru A96	6/12/20	Attic insulation	

SPECIAL INSTRUCTIONS: Stop at first positive

Sample Collector: (Print) Brian Carroll (Signature) 

Relinquished by BC Date/Time: 6/12/20 Received by: Diana Federico Date/Time: 6/17/20 ⁹²⁵

Relinquished by: Diana Federico Date/Time: 6/17/20 ^{330P} Received by: [Signature] Date/Time: 6-17-2020

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/27/08

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-001 2014-5-A01		Ceiling Tile, White	No	None Detected	Mineral Wool 50% Cellulose Fiber 30% Carbonates Quartz Perlite Binder/Filler 20%
0238934-002 2014-5-A02		Ceiling Tile, White	No	None Detected	Mineral Wool 50% Cellulose Fiber 30% Carbonates Quartz Perlite Binder/Filler 20%
0238934-003 2014-5-A03		Ceiling Tile, White	No	None Detected	Mineral Wool 50% Cellulose Fiber 30% Carbonates Quartz Perlite Binder/Filler 20%
0238934-004 2014-5-A04		Ceiling Tile, White/ Brown	No	None Detected	Cellulose Fiber 85% Carbonates Gypsum Binder/Filler 15%
0238934-005 2014-5-A05		Ceiling Tile, White/ Brown	No	None Detected	Cellulose Fiber 85% Carbonates Gypsum Binder/Filler 15%
0238934-006 2014-5-A06		Ceiling Tile, White/ Brown	No	None Detected	Cellulose Fiber 85% Carbonates Gypsum Binder/Filler 15%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-007 2014-5-A07		Insulation, Yellow/Pink	No	None Detected	Fibrous Glass 100%
0238934-008 2014-5-A08		Insulation, Yellow/Pink	No	None Detected	Fibrous Glass 100%
0238934-009 2014-5-A09		Insulation, Yellow/Pink	No	None Detected	Fibrous Glass 100%
0238934-010 2014-5-A10		LAYER 1 Soffit, White	No	None Detected	Carbonates Mica Quartz Binder/Filler 100%
		LAYER 2 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
0238934-011 2014-5-A11		LAYER 1 Soffit, White	No	None Detected	Carbonates Mica Quartz Binder/Filler 100%
		LAYER 2 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/29/2020
Collected: 06/10/2020 Date Reported: 06/29/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-012 2014-5-A12		LAYER 1 Solffit, White	No	None Detected	Carbonates Gypsum Mica Quartz Binder/Filler 100%
		LAYER 2 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
0238934-013 2014-5-A13		Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
0238934-014 2014-5-A14		Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%
0238934-015 2014-5-A15		Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Quartz Carbonates Mica 88%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-016 2014-5-A16		CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238934-017 2014-5-A17		CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238934-018 2014-5-A18		CMU Wall, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238934-019 2014-5-A19		Window Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-020 2014-5-A20		Window Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-021 2014-5-A21		Window Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-022 2014-5-A22		DoorFrame Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-023 2014-5-A23		DoorFrame Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-024 2014-5-A24		Note: No Sample in Container - Container Empty			
0238934-025 2014-5-A25		Toilet/Sink Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-026 2014-5-A26		Toilet/Sink Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-027 2014-5-A27		Toilet/Sink Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-028 2014-5-A28		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-029 2014-5-A29		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-030 2014-5-A30		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-031 2014-5-A31		LAYER 1 Fiber Board Tile, White w/Gray Streaks	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler 90% 10%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler 1% 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-032 2014-5-A32		LAYER 1 Fiber Board Tile, White w/Gray Streaks	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber 1% Carbonates Gypsum Binder/Filler 99%
0238934-033 2014-5-A33		LAYER 1 Fiber Board Tile, White w/Gray Streaks	No	None Detected	Cellulose Fiber 90% Carbonates Gypsum Binder/Filler 10%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber 3% Carbonates Gypsum Binder/Filler 97%
0238934-034 2014-5-A34		LAYER 1 Vinyl Floor Tile, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0238934-035 2014-5-A35		LAYER 1 Vinyl Floor Tile, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-036 2014-5-A36		LAYER 1 Vinyl Floor Tile, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler 1% <1% 98%
0238934-037 2014-5-A37		Threshold Mastic, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler 1% 99%
0238934-038 2014-5-A38		Threshold Mastic, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%
0238934-039 2014-5-A39		Threshold Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler 1% <1% 98%
0238934-040 2014-5-A40		Carpet Mastic, Clear Note: Very small amount of mastic	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%
0238934-041 2014-5-A41		Carpet Mastic, Clear Note: Very small amount of mastic	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238934-042 2014-5-A42		Carpet Mastic, Clear Note: Very small amount of mastic	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	1% 99%
0238934-043 2014-5-A43		Skid Pad Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler	3% <1% 96%
0238934-044 2014-5-A44		Skid Pad Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler	3% <1% 96%
0238934-045 2014-5-A45		Skid Pad Mastic, Yellow	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler	2% <1% 97%
0238934-046 2014-5-A46		CMU Wall, Beige/ White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%
0238934-047 2014-5-A47		CMU Wall, Beige/ White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-048 2014-5-A48		CMU Wall, Beige/ White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238934-049 2014-5-A49		Window/Doorframe Caulking, Gray/ White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-050 2014-5-A50		Window/Doorframe Caulking, Gray/ White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-051 2014-5-A51		Note: No Sample in Container - Container Empty			
0238934-052 2014-5-A52		Concrete Foundation, Gray/ White	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238934-053 2014-5-A53		Concrete Foundation, Gray/ White	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-054 2014-5-A54		Concrete Foundation, Gray/ White	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler 100%
0238934-055 2014-5-A55		Vibration Cloth, White/ Beige	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler 35% 65%
0238934-056 2014-5-A56		Vibration Cloth, White/ Beige	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler 35% 65%
0238934-057 2014-5-A57		Vibration Cloth, White/ Beige	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler 35% 65%
0238934-058 2014-5-A58		Ducting Caulking, Gray/ White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-059 2014-5-A59		Ducting Caulking, Gray/ White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-060 2014-5-A60		Ducting Caulking, White	No	None Detected	Silicone 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238934-061 2014-5-A61		Concrete, Gray	No	None Detected	Quartz Gypsum Carbonates Mica Binder/Filler	100%
0238934-062 2014-5-A62		Concrete, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler	100%
0238934-063 2014-5-A63		Note: No Sample in Container - Container Empty				
0238934-064 2014-5-A64		Pipe Insulation, Black/ Off White	No	None Detected	Foam	100%
0238934-065 2014-5-A65		Pipe Insulation, Black/ Off White	No	None Detected	Foam	100%
0238934-066 2014-5-A66		LAYER 1 Pipe Insulation, Black/ Off White	No	None Detected	Foam	100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Gypsum Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238934-067 2014-5-A67		LAYER 1 Cove Base, Blue	No	None Detected	Carbonates Quartz Binder/Filler	100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238934-068 2014-5-A68		LAYER 1 Cove Base, Blue	No	None Detected	Carbonates Quartz Binder/Filler	100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238934-069 2014-5-A69		LAYER 1 Cove Base, Blue	No	None Detected	Carbonates Quartz Binder/Filler	100%
		LAYER 2 Mastic, Yellow	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238934-070 2014-5-A70		LAYER 1 Roofing Material, Black/ Lt. Gray	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing Material, Black/ Lt. Gray/ Tan	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238934-071 2014-5-A71		LAYER 1 Roofing Material, Black/ Lt. Gray	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing Material, Black/ Lt. Gray/ Tan	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	20% 80%
0238934-072 2014-5-A72		LAYER 1 Roofing Material, Black/ Lt. Gray	No	None Detected	Fibrous Glass Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roofing Material, Black/ Lt. Gray/ Tan	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	20% 80%
0238934-073 2014-5-A73		Pipe Penetration Mastic, Black	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238934-074 2014-5-A74		Pipe Penetration Mastic, Black	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238934-075 2014-5-A75		Pipe Penetration Mastic, Black	No	None Detected	Carbonates Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238934

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/29/2020
Collected:	06/10/2020	Date Reported:	06/29/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238934-076 2014-5-A76		Roof Peaik Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-077 2014-5-A77		Roof Peaik Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238934-078 2014-5-A78		Roof Peaik Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%



Analyst - Kurt Kettler



Signatory - Lab Manager - Ken Scheske

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

CHAIN OF CUSTODY
 EMC Labs, Inc.
 9830 S. 51st St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

238934
 TAT: 3-5 day
 Rec'd: JUN 17 P.M.

COMPANY NAME: ENVIROSERVICES & TRAINING CENTER, LLC
505 Ward Ave. Suite #202
Honolulu, HI 96814

CONTACT: Antone Gabriel, Sara Marvin,
 Phone/Fax: (808) 839-7222 ext 232/(808) 839-4455
 Email: agabriel@gotoetc.com, bcarroll@gotoetc.com,
jsahib@gotoetc.com, smarvin@gotoetc.com,

BILL TO: (If Different Location)
Trina Oshiro
505 Ward Ave Suite 202
Honolulu, Hawaii 96814

Now Accepting: **VISA - MASTERCARD** Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** [Same Day RUSH] [1-Day] [2-Day] [3-4-5 Day] [6-10 Day]

****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** DHHL - Former NOAA NWS PTWC **Project Number:** 20-2014

EMC SAMPL E #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
<u>1-3</u>	2014-5-A01 thru A03	6/10/20	Pressboard ceiling tile	<u>Y</u> N
<u>4-6</u>	2014-5-A04 thru A06	6/10/20	Canec ceiling tile	Y N
<u>7-9</u>	2014-5-A07 thru A09	6/10/20	Ducting insulation	Y N
<u>10-12</u>	2014-5-A10 thru A12	6/10/20	Soffit/AC unit drywall	Y N
<u>13-15</u>	2014-4-A13 thru A15	6/10/20	Drywall wall	Y N
<u>16-18</u>	2014-5-A16 thru A18	6/10/20	CMU wall	Y N
<u>19-21</u>	2014-5-A19 thru A21	6/10/20	Window caulking	Y N
<u>22-24</u>	2014-5-A22 thru A24	6/10/20	Doorframe caulking	Y N
<u>25-27</u>	2014-5-A25 thru A27	6/10/20	Toilet/sink caulking	Y N
<u>28-30</u>	2014-5-A28 thru A30	6/10/20	cove base/mastic	Y N
<u>31-33</u>	2014-5-A31 thru A33	6/10/20	Fiber board tile	Y N
<u>34-36</u>	2014-5-A34 thru A36	6/10/20	Vinyl floor tile	Y N
<u>37-39</u>	2014-5-A37 thru A39	6/10/20	Threshold mastic	Y N
<u>40-42</u>	2014-5-A40 thru A42	6/10/20	Carpet mastic	Y N
<u>43-45</u>	2014-5-A43 thru A45	6/10/20	Skid pad mastic	Y N
<u>46-48</u>	2014-5-A46 thru A48	6/10/20	CMU wall	Y N
<u>49-51</u>	2014-5-A49 thru A51	6/10/20	Window/doorframe caulking	Y N
<u>52-54</u>	2014-5-A52 thru A54	6/10/20	Concrete foundation	<u>Y</u> N

Complete stop e 1st positive

EMC SAMPL E #	CLIENT 3AMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
55-57	2014-5-A55 thru A57	6/10/20	Vibration cloth	<input checked="" type="checkbox"/> N
58-60	2014-5-A58 thru A60	6/10/20	Ducting caulking	
61-63	2014-5-A61 thru A63	6/10/20	Concrete walkway	
64-66	2014-5-A64 thru A66	6/10/20	Pipe insulation	
67-69	2014-5-A67 thru A69	6/10/20	Covebase/mastic	
70-72	2014-5-A70 thru A72	6/11/20	Roofing material	
73-75	2014-5-A73 thru A75	6/11/20	Pipe penetration mastic	
76-78	2014-5-A76 thru A78	6/11/20	Roof peak caulking	

SPECIAL INSTRUCTIONS: Stop at first positive

Sample Collector: (Print) Brian Carroll (Signature) 

Relinquished by BC Date/Time: 6/12/20 Received by Diana Federico Date/Time: 6/17/20 ⁹²⁵

Relinquished by: Diana Federico Date/Time: 6/17/20 Received by: [Signature] Date/Time: 6/17/20

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/27/08

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238933-001 2014-14-A01		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Mica	12% 88%
		LAYER 2 Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%
0238933-002 2014-14-A02		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Mica	12% 88%
		LAYER 2 Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%
0238933-003 2014-14-A03		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Mica	12% 88%
		LAYER 2 Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%
0238933-004 2014-14-A04		Trim Caulking, White/ Tan	No	None Detected	Carbonates Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238933-005 2014-14-A05		Trim Caulking, White/ Tan	No	None Detected	Carbonates Perlite Quartz Binder/Filler	100%
0238933-006 2014-14-A06		Trim Caulking, White/ Tan	No	None Detected	Carbonates Quartz Perlite Binder/Filler	100%
0238933-007 2014-14-A07		LAYER 1 Attic Insulation, Yellow	No	None Detected	Fibrous Glass Cellulose Fiber Carbonates	97% <1% 3%
		LAYER 2 Wrap, Silver	No	None Detected	Fibrous Glass Aluminum Carbonates Binder/Filler	2% 98%
0238933-008 2014-14-A08		LAYER 1 Attic Insulation, Yellow	No	None Detected	Fibrous Glass Cellulose Fiber Carbonates	97% <1% 3%
		LAYER 2 Wrap, Silver	No	None Detected	Fibrous Glass Aluminum Carbonates Binder/Filler	2% 98%
0238933-009 2014-14-A09		LAYER 1 Attic Insulation, Yellow	No	None Detected	Fibrous Glass Cellulose Fiber Carbonates	97% <1% 3%
		LAYER 2 Wrap, Silver	No	None Detected	Fibrous Glass Aluminum Carbonates Binder/Filler	2% 98%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/10/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238933-010 2014-14-A10		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Mica	12% 88%
		LAYER 2 Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%
0238933-011 2014-14-A11		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Mica	12% 88%
		LAYER 2 Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%
0238933-012 2014-14-A12		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Mica	12% 88%
		LAYER 2 Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/10/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-013 2014-14-A13		LAYER 1 CMU, Beige/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint/ Coating, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-014 2014-14-A14		LAYER 1 CMU, Beige/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint/ Coating, White/ Off White	No	None Detected	Carbonates Binder/Filler 100%
0238933-015 2014-14-A15		LAYER 1 CMU, Beige/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Paint/ Coating, White/ Off White	No	None Detected	Carbonates Binder/Filler 100%
0238933-016 2014-14-A16		Window/Door Frame Caulk, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-017 2014-14-A17		Window/Door Frame Caulk, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-018 2014-14-A18		Window/Door Frame Caulk, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-019 2014-14-A19		LAYER 1 Vinyl Floor Sheeting, Gray	No	None Detected	Cellulose Fiber Fibrous Glass Carbonates Quartz Binder/Filler 17% 3% 80%
		LAYER 2 Mastic, Lt. Yellow	No	None Detected	Cellulose Fiber Fibrous Glass Carbonates Binder/Filler 2% <1% 97%
0238933-020 2014-14-A20		LAYER 1 Vinyl Floor Sheeting, Gray	No	None Detected	Cellulose Fiber Fibrous Glass Carbonates Perlite Gypsum Binder/Filler 15% 2% 83%
		LAYER 2 Mastic, Lt. Yellow	No	None Detected	Cellulose Fiber Carbonates Binder/Filler 3% 97%
0238933-021 2014-14-A21		Vinyl Floor Sheeting, Gray Note: No Mastic Present	No	None Detected	Cellulose Fiber Fibrous Glass Carbonates Perlite Quartz Binder/Filler 18% 2% 80%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-022 2014-14-A22		LAYER 1 Covebase, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Quartz Carbonates Binder/Filler 2% 98%
0238933-023 2014-14-A23		LAYER 1 Covebase, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Quartz Carbonates Binder/Filler 1% 99%
0238933-024 2014-14-A24		Covebase, Off White Note: No Mastic Present	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-025 2014-14-A25		LAYER 1 Ceramic Floor Tile, Cream	No	None Detected	Quartz Gypsum Carbonates 100%
		LAYER 2 Mortar, Gray	No	None Detected	Quartz Gypsum Mica Carbonates 100%
		LAYER 3 Mortar, White	No	None Detected	Cellulose Fiber <1% Quartz Gypsum Mica Carbonates 99%
0238933-026 2014-14-A26		LAYER 1 Ceramic Floor Tile, Cream	No	None Detected	Quartz Gypsum Carbonates 100%
		LAYER 2 Mortar, White	No	None Detected	Cellulose Fiber <1% Quartz Gypsum Mica Carbonates 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
 Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238933-027 2014-14-A27		LAYER 1 Ceramic Floor Tile, Cream	No	None Detected	Quartz Gypsum Carbonates	100%
		LAYER 2 Mortar, Gray	No	None Detected	Quartz Gypsum Mica Carbonates	100%
		LAYER 3 Mortar, White	No	None Detected	Cellulose Fiber Quartz Gypsum Mica Carbonates	<1% 99%
0238933-028 2014-14-A28		LAYER 1 Carpet, White	No	None Detected	Synthetic Fiber Carbonates	85% 15%
		LAYER 2 Carpet Mastic, Off White	No	None Detected	Synthetic Fiber Carbonates Binder/Filler	5% 95%
		LAYER 3 Pads, Green	No	None Detected	Synthetic Fiber Foam Carbonates	2% 98%
0238933-029 2014-14-A29		LAYER 1 Carpet, White	No	None Detected	Synthetic Fiber Carbonates	85% 15%
		LAYER 2 Carpet Mastic, Off White	No	None Detected	Synthetic Fiber Carbonates Quartz Binder/Filler	3% 97%
		LAYER 3 Pads, Green	No	None Detected	Synthetic Fiber Foam Carbonates Binder/Filler	5% 95%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-030 2014-14-A30		LAYER 1 Carpet, White	No	None Detected	Synthetic Fiber 85% Carbonates 15%
		LAYER 2 Carpet Mastic, Off White	No	None Detected	Synthetic Fiber 3% Carbonates Quartz Binder/Filler 97%
		LAYER 3 Pads, Green	No	None Detected	Synthetic Fiber 3% Foam Carbonates Binder/Filler 97%
0238933-031 2014-14-A31		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-032 2014-14-A32		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-033 2014-14-A33		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-034 2014-14-A34		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-035 2014-14-A35		Caulking, White	No	None Detected	Carbonates Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-036 2014-14-A36		Caulking, White	No	None Detected	Carbonates Binder/Filler 100%
0238933-037 2014-14-A37		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-038 2014-14-A38		Caulking, Cream	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-039 2014-14-A39		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-040 2014-14-A40		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-041 2014-14-A41		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-042 2014-14-A42		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-043 2014-14-A43		CMU, Beige/ Gray	No	None Detected	Carbonates Quartz Gypsum 100%
0238933-044 2014-14-A44		CMU, Beige/ Gray	No	None Detected	Carbonates Quartz Gypsum 100%
0238933-045 2014-14-A45		CMU, Beige/ Gray	No	None Detected	Carbonates Quartz Gypsum 100%
0238933-046 2014-14-A46		Caulking, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-047 2014-14-A47		Caulking, Clear	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-048 2014-14-A48		Caulking, Clear	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238933-049 2014-14-A49		Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238933-050 2014-14-A50		Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238933-051 2014-14-A51		Caulking, Off White	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238933-052 2014-14-A52		LAYER 1 Foam Insulation, Black	No	None Detected	Foam Carbonates	100%
		LAYER 2 Foam Insulation, Lt. Brown	No	None Detected	Foam Carbonates Binder/Filler	100%
0238933-053 2014-14-A53		Foam Insulation, Black	No	None Detected	Foam Carbonates	100%
0238933-054 2014-14-A54		Foam Insulation, Black	No	None Detected	Foam Carbonates	100%
0238933-055 2014-14-A55		Concrete Walkway, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Mica Carbonates	<1% 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238933-056 2014-14-A56		Concrete Walkway, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Mica Carbonates	<1% 99%
0238933-057 2014-14-A57		Concrete Walkway, Gray	No	None Detected	Cellulose Fiber Gypsum Quartz Mica Carbonates	<1% 99%
0238933-058 2014-14-A58		LAYER 1 Roofing Material, White/ Red/ Black	No	None Detected	Fibrous Glass Quartz Carbonates Binder/Filler	15% 85%
		LAYER 2 Roofing Material, White/ Gray/ Black	No	None Detected	Fibrous Glass Quartz Carbonates Binder/Filler	15% 85%
0238933-059 2014-14-A59		LAYER 1 Roofing Material, White/ Red/ Black	No	None Detected	Fibrous Glass Quartz Carbonates Binder/Filler	15% 85%
		LAYER 2 Roofing Material, White/ Gray/ Black	No	None Detected	Fibrous Glass Quartz Carbonates Binder/Filler	15% 85%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/10/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-060 2014-14-A60		LAYER 1 Roofing Material, White/ Red/ Black	No	None Detected	Fibrous Glass 15% Carbonates Quartz Binder/Filler 85%
		LAYER 2 Roofing Material, White/ Gray/ Black	No	None Detected	Fibrous Glass 15% Carbonates Quartz Binder/Filler 85%
0238933-061 2014-14-A61		Pipe Penetration Mastic, Black	No	None Detected	Carbonates Binder/Filler 100%
0238933-062 2014-14-A62		Pipe Penetration Mastic, Black	No	None Detected	Carbonates Binder/Filler 100%
0238933-063 2014-14-A63		Pipe Penetration Mastic, Black	No	None Detected	Carbonates Binder/Filler 100%
0238933-064 2014-14-A64		Roof Peak Caulking, Dk. Brown	No	None Detected	Carbonates Binder/Filler 100%
0238933-065 2014-14-A65		Roof Peak Caulking, Dk. Brown	No	None Detected	Carbonates Binder/Filler 100%
0238933-066 2014-14-A66		Roof Peak Caulking, Dk. Brown	No	None Detected	Carbonates Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-067 2014-14-A67		Caulking, Brown	No	None Detected	Silicone 100%
0238933-068 2014-14-A68		Caulking, Brown/ Clear	No	None Detected	Silicone 100%
0238933-069 2014-14-A69		Caulking, Brown/ Clear	No	None Detected	Silicone 100%
0238933-070 2014-14-A70		Caulking, Clear	No	None Detected	Silicone Carbonates Binder/Filler 100%
0238933-071 2014-14-A71		Caulking, Clear	No	None Detected	Silicone Carbonates Binder/Filler 100%
0238933-072 2014-14-A72		Caulking, Clear	No	None Detected	Silicone Carbonates Binder/Filler 100%
0238933-073 2014-14-A73		LAYER 1 Foam Insulation, Black	No	None Detected	Foam Carbonates Binder/Filler 100%
		LAYER 2 Foam Insulation, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

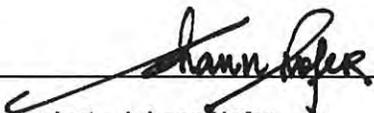
Laboratory Report
0238933

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238933-074 2014-14-A74		Foam Insulation, Black	No	None Detected	Foam Carbonates Binder/Filler 100%
0238933-075 2014-14-A75		Foam Insulation, Black	No	None Detected	Foam Carbonates Binder/Filler 100%



Analyst - Johann Hofer



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-001 2014-15-A01		Pressboard Tile, White/ Gray	No	None Detected	Cellulose Fiber 40% Mineral Wool 40% Carbonates Quartz Perlite Binder/Filler 20%
0238932-002 2014-15-A02		Pressboard Tile, White/ Gray	No	None Detected	Mineral Wool 45% Cellulose Fiber 35% Carbonates Quartz Perlite Binder/Filler 20%
0238932-003 2014-15-A03		Pressboard Tile, White/ Gray	No	None Detected	Mineral Wool 45% Cellulose Fiber 35% Carbonates Quartz Perlite Binder/Filler 20%
0238932-004 2014-15-A04		LAYER 1 Duct Insulation, Red	No	None Detected	Fibrous Glass 100%
		LAYER 2 Duct Insulation, Black	No	None Detected	Carbonates Gypsum Binder/Filler 100%
		LAYER 3 Duct Insulation, White	No	None Detected	Gypsum Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238932-005 2014-15-A05		LAYER 1 Duct Insulation, Red	No	None Detected	Fibrous Glass	100%
		LAYER 2 Duct Insulation, Black	No	None Detected	Carbonates Gypsum Binder/Filler	100%
		LAYER 3 Duct Insulation, White	No	None Detected	Gypsum Binder/Filler	100%
0238932-006 2014-15-A06		LAYER 1 Duct Insulation, Red	No	None Detected	Fibrous Glass	100%
		LAYER 2 Duct Insulation, Black	No	None Detected	Carbonates Gypsum Binder/Filler	100%
		LAYER 3 Duct Insulation, White	No	None Detected	Gypsum Binder/Filler	100%
0238932-007 2014-15-A07		LAYER 1 Ceiling Insulation, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	98% 2%
		LAYER 2 Ceiling Insulation, Black	No	None Detected	Gypsum Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238932-008 2014-15-A08		LAYER 1 Ceiling Insulation, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	98% 2%
		LAYER 2 Ceiling Insulation, Black	No	None Detected	Gypsum Binder/Filler	100%
0238932-009 2014-15-A09		LAYER 1 Ceiling Insulation, Brown	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler	98% 2%
		LAYER 2 Ceiling Insulation, Black	No	None Detected	Gypsum Binder/Filler	100%
0238932-010 2014-15-A10		LAYER 1 Pressboard, Off White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Quartz Carbonates Mica	11% 1% 88%
		LAYER 2 Coating, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238932-011 2014-15-A11		LAYER 1 Pressboard, Beige/ Tan	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	98% 2%
		LAYER 2 Coating, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/10/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238932-012 2014-15-A12		LAYER 1 Pressboard, Beige/ Tan	No	None Detected	Cellulose Fiber Gypsum Binder/Filler	98% 2%
		LAYER 2 Coating, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238932-013 2014-15-A13		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica	12% 88%
		LAYER 2 Joint Compound, White/ Off White	No	None Detected	Carbonates Mica Quartz Binder/Filler	100%
		LAYER 3 Texture, White/ Off White	No	None Detected	Cellulose Fiber Carbonates Mica Quartz Perlite Binder/Filler	<1% 99%
0238932-014 2014-15-A14		LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica	12% 88%
		LAYER 2 Texture, White/ Off White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/10/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238932-015 2014-15-A15		Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Quartz Carbonates Mica	12% 88%
0238932-016 2014-15-A16		Door Frame Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238932-017 2014-15-A17		Door Frame Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238932-018 2014-15-A18		Door Frame Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238932-019 2014-15-A19		Sink Caulking, Clear	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0238932-020 2014-15-A20		Sink Caulking, Clear	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0238932-021 2014-15-A21		Sink Caulking, Clear	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	1% 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238932-022 2014-15-A22		Sink Insulation, White/ Tan	No	None Detected	Cellulose Fiber Carbonates Mica Quartz Binder/Filler	3% 97%
0238932-023 2014-15-A23		Sink Insulation, White/ Tan	No	None Detected	Cellulose Fiber Carbonates Mica Quartz Binder/Filler	3% 97%
0238932-024 2014-15-A24		Sink Insulation, White/ Tan	No	None Detected	Cellulose Fiber Carbonates Mica Quartz Binder/Filler	5% 95%
0238932-025 2014-15-A25		Vent Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238932-026 2014-15-A26		Vent Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238932-027 2014-15-A27		Vent Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0238932-028 2014-15-A28		Caulking, White/ Off White	No	None Detected	Silicone	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-029 2014-15-A29		Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-030 2014-15-A30		Caulking, White/ Off White	No	None Detected	Silicone 100%
0238932-031 2014-15-A31		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, White/ Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-032 2014-15-A32		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, White/ Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-033 2014-15-A33		LAYER 1 Cove Base, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, White/ Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-034 2014-15-A34		LAYER 1 Cove Base, Blue	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, White/ Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-035 2014-15-A35		LAYER 1 Cove Base, Blue	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, White/ Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%
0238932-036 2014-15-A36		LAYER 1 Cove Base, Blue	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, White/ Yellow	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-037 2014-15-A37		LAYER 1 Sheet Flooring, White/ Gray	No	None Detected	Cellulose Fiber Fibrous Glass Carbonates Quartz Binder/Filler 17% 3% 80%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-038 2014-15-A38		LAYER 1 Sheet Flooring, White/ Gray	No	None Detected	Cellulose Fiber 17% Fibrous Glass 3% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber 1% Carbonates Quartz Binder/Filler 99%
0238932-039 2014-15-A39		LAYER 1 Sheet Flooring, White/ Gray	No	None Detected	Cellulose Fiber 17% Fibrous Glass 3% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0238932-040 2014-15-A40		LAYER 1 Carpet, Black/ Off White/ Blue	No	None Detected	Synthetic Fiber 85% Carbonates Binder/Filler 15%
		LAYER 2 Mastic, Yellow	No	None Detected	Synthetic Fiber <1% Carbonates Quartz Binder/Filler 99%
0238932-041 2014-15-A41		LAYER 1 Carpet, Black/ Off White/ Blue	No	None Detected	Synthetic Fiber 85% Carbonates Binder/Filler 15%
		LAYER 2 Mastic, Yellow	No	None Detected	Cellulose Fiber 1% Synthetic Fiber <1% Carbonates Quartz Binder/Filler 98%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0238932-042 2014-15-A42		LAYER 1 Carpet, Black/ Off White/ Blue	No	None Detected	Synthetic Fiber Carbonates Binder/Filler	85% 15%
		LAYER 2 Mastic, Yellow	No	None Detected	Synthetic Fiber Carbonates Quartz Binder/Filler	1% 99%
0238932-043 2014-15-A43		Caulking, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0238932-044 2014-15-A44		Caulking, Gray	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0238932-045 2014-15-A45		Caulking, Gray	No	None Detected	Carbonates Quartz Binder/Filler	100%
0238932-046 2014-15-A46		Wall Insulation Material, Beige/ Brown	No	None Detected	Gypsum Carbonates Mica Quartz Binder/Filler	100%
0238932-047 2014-15-A47		Wall Insulation Material, Beige/ Brown	No	None Detected	Gypsum Carbonates Mica Quartz Binder/Filler	100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-048 2014-15-A48		Wall Insulation Material, Beige/ Brown	No	None Detected	Gypsum Carbonates Mica Quartz Binder/Filler 100%
0238932-049 2014-15-A49		Sconce Spacer, Black	No	None Detected	Foam 100%
0238932-050 2014-15-A50		Sconce Spacer, Black	No	None Detected	Foam 100%
0238932-051 2014-15-A51		Sconce Spacer, Black	No	None Detected	Foam 100%
0238932-052 2014-15-A52		Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-053 2014-15-A53		Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-054 2014-15-A54		Caulking, White/ Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-055 2014-15-A55		Skid Pad, Black/ Green	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-056 2014-15-A56		Skid Pad, Black/ Green	No	None Detected	Carbonates Quartz Binder/Filler 100%
0238932-057 2014-15-A57		Skid Pad, Black/ Green	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler <1% 99%
0238932-058 2014-15-A58		Concrete, Beige/ Gray	No	None Detected	Gypsum Carbonates Quartz Mica Binder/Filler 100%
0238932-059 2014-15-A59		Concrete, Beige/ Gray	No	None Detected	Gypsum Carbonates Quartz Mica Binder/Filler 100%
0238932-060 2014-15-A60		Concrete, Beige/ Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	ENVIROSERVICES & TRAINING CENTER	Job# / P.O. #:	20-2014
Address:	505 WARD AVE, STE 202	Date Received:	06/17/2020
	HONOLULU HI 96814	Date Analyzed:	06/26/2020
Collected:	06/10/2020	Date Reported:	06/26/2020
Project Name:	DHHL-FORMER NOAA NWS PTWC	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRIAN CARROLL
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-061 2014-15-A61		LAYER 1 Roofing, Black/ Green	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Roofing, Black/ Off White	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
0238932-062 2014-15-A62		LAYER 1 Roofing, Black/ Green	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Roofing, Black/ Off White	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
0238932-063 2014-15-A63		LAYER 1 Roofing, Black/ Green	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Roofing, Black/ Off White	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
0238932-064 2014-15-A64		Mastic, Black	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238932

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/26/2020
Collected: 06/10/2020 Date Reported: 06/26/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238932-065 2014-15-A65		Mastic, Black	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0238932-066 2014-15-A66		Mastic, Black	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%



Analyst - Dustin White



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238931

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/10/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238931-001 2014-16-A01		LAYER 1 CMU, Beige/ Gray/ Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Grout, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238931-002 2014-16-A02		LAYER 1 CMU, Beige/ Gray/ Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
		LAYER 2 Grout, Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0238931-003 2014-16-A03		LAYER 1 CMU, Beige/ Gray/ Tan	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
		LAYER 2 Grout, Gray	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0238931

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: ENVIROSERVICES & TRAINING CENTER Job# / P.O. #: 20-2014
Address: 505 WARD AVE, STE 202 Date Received: 06/17/2020
HONOLULU HI 96814 Date Analyzed: 06/25/2020
Collected: 06/10/2020 Date Reported: 06/25/2020
Project Name: DHHL-FORMER NOAA NWS PTWC EPA Method: EPA 600/R-93/116
Address: Submitted By: BRIAN CARROLL
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0238931-004 2014-16-A04		Sign Caulking, Clear	No	None Detected	Silicone 100%
0238931-005 2014-16-A05		Sign Caulking, Clear	No	None Detected	Silicone 100%
0238931-006 2014-16-A06		Sign Caulking, Clear	No	None Detected	Silicone 100%
0238931-007 2014-16-A07		Foam Spacer, Black	No	None Detected	Foam Carbonates Quartz 100%
0238931-008 2014-16-A08		Foam Spacer, Black	No	None Detected	Foam Carbonates Quartz 100%
0238931-009 2014-16-A09		Foam Spacer, Black	No	None Detected	Foam Carbonates Quartz 100%



Analyst - Kurt Kettler



Signatory - Lab Manager - Ken Scheske

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

EMC Labs, Inc.
 9830 S. 51st St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

TAT: 3-5 day
 Rec'd: JUN 17 P.M.

COMPANY NAME: ENVIROSERVICES & TRAINING CENTER, LLC
505 Ward Ave. Suite #202
Honolulu, HI 96814
 CONTACT: Antone Gabriel, Sara Marvin,
 Phone/Fax: (808) 839-7222 ext 232/ (808) 839-4455
 Email: agabriel@gotoetc.com, bcarroll@gotoetc.com,
jsahib@gotoetc.com, smarvin@gotoetc.com,

BILL TO: (If Different Location)
Trina Oshiro
505 Ward Ave Suite 202
Honolulu, Hawaii 96814

Now Accepting: **VISA - MASTERCARD**
 Price Quoted: \$ _____ / Sample \$ _____ / Layers
COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

- 1. TURNAROUND TIME:** [Same Day RUSH] [1-Day] [2-Day] [3-4-5 Day] [6-10 Day]
 ****Prior confirmation of turnaround time is required
 ****Additional charges for rush analysis (please call marketing department for pricing details)
 ****Laboratory analysis may be subject to delay if credit terms are not met
- 2. TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
- 3. DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]
 (If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: DHHL - Former NOAA NWS PTWC Project Number: 20-2014

EMC SAMPL E #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
<u>1-3</u>	<u>2014-16-A01 thru A03</u>	<u>6/10/20</u>	<u>CMU/grout</u>	<u>N</u>
<u>4-6</u>	<u>2014-16-A04 thru A06</u>	<u>6/10/20</u>	<u>Sign caulking</u>	<u>N</u>
<u>7-9</u>	<u>2014-16-A07 thru A09</u>	<u>6/10/20</u>	<u>Foam spacer</u>	<u>N</u>

SPECIAL INSTRUCTIONS: Stop at first positive

Sample Collector: (Print) Brian Carroll (Signature) [Signature]
 Relinquished by BC Date/Time: 6/12/20 Received by: Diana Federico Date/Time: 6/17/20
 Relinquished by: Diana Federico Date/Time: 6/17/20 Received by: [Signature] Date/Time: 6/17/20
 Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.
 Rev. 09/27/08

June 23, 2020

Antone Gabriel

EnviroServices & Training Center, LLC

505 Ward Avenue, Suite 202

Honolulu, HI 96814



NVL Batch # 2010339.00

RE: Total Metal Analysis
Method: EPA 6010 (price per analyte) <paint>
Item Code: ICP-M2

Client Project: 20-2014

Location: DHHL NWS PTWC Ewa Beach, Oahu HI

Dear Mr. Gabriel,

NVL Labs received 7 sample(s) for the said project on 6/18/2020. Preparation of these samples was conducted following protocol outlined in EPA 3051/6010D, unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 6010 (price per analyte) <paint> . The results are usually expressed in mg/kg and ppm. Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Lab Supervisor



Enc.: Sample results



LAB # 101861

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Analysis Report

Total Metals



Client: EnviroServices & Training Center, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Batch #: 2010339.00

Matrix: Bulk
Method: EPA 3051/6010D
Client Project #: 20-2014
Date Received: 6/18/2020
Samples Received: 7
Samples Analyzed: 7

Attention: Mr. Antone Gabriel

Project Location: DHHL NWS PTWC Ewa Beach, Oahu HI

Lab ID	Client Sample #	Elements	Sample wt (g)	RL mg / kg	Results in mg / kg	Results in ppm
20073051	2014-1-As01	Arsenic (As)	0.2967	13.0	220.0	220.0
20073052	2014-2-As01	Arsenic (As)	0.2973	13.0	260.0	260.0
20073053	2014-3-As01	Arsenic (As)	0.2975	13.0	1900.0	1900.0
20073054	2014-4-As01	Arsenic (As)	0.2976	13.0	520.0	520.0
20073055	2014-5-As01	Arsenic (As)	0.3155	13.0	450.0	450.0
20073056	2014-5-As02	Arsenic (As)	0.3023	13.0	< 13.0	< 13.0
20073057	2014-15-As01	Arsenic (As)	0.3002	13.0	< 13.0	< 13.0

Sampled by: Client

Analyzed by: Ruth Schumaker

Reviewed by: Shalini Patel

Date Analyzed: 06/22/2020

Date Issued: 06/23/2020

A handwritten signature in black ink, appearing to read 'Shalini', is written over a horizontal line.

Shalini Patel, Lab Supervisor

mg/ kg = Milligrams per kilogram

ppm = Parts per million

Note : Method QC results are acceptable unless stated otherwise.

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit

'<' = Below the reporting Limit

METAL LABORATORY SERVICES



Company EnviroServices & Training Center, LLC

Address 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Project Manager Mr. Antone Gabriel

Phone (808) 839-7222

NVL Batch Number 2010339.00

TAT 5 Days **AH** No

Rush TAT

Due Date 6/25/2020 **Time** 12:15 PM

Email agabriel@gotoetc.com

Fax (808) 839-4455

Project Name/Number: 20-2014

Project Location: DHHL NWS PTWC Ewa Beach, Oahu HI

Subcategory Inductively Coupled Plasma (ICP) - Group Tests

Item Code ICP-M2 EPA 6010 (price per analyte) <paint>

Metals Arsenic (As)

Total Number of Samples 7

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	20073051	2014-1-As01		A
2	20073052	2014-2-As01		A
3	20073053	2014-3-As01		A
4	20073054	2014-4-As01		A
5	20073055	2014-5-As01		A
6	20073056	2014-5-As02		A
7	20073057	2014-15-As01		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Federal Express				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	6/18/20	1215
Analyzed by	Ruth Schumaker		NVL	6/22/20	
Results Called by					
<input type="checkbox"/> Faxed	<input type="checkbox"/> Emailed				

Special Instructions:

Date: 6/18/2020

Time: 1:20 PM

Entered By: Fatima Khan



METALS CHAIN OF CUSTODY

2010339

Turn Arou
 q 2 Hour q 4 Hours q 24 Hours
 q 2 Days q 3 Days q 4 Days
q 5 Days q 6-10 Days
 Please call for TAT less than 24 Hours

Laboratory | Management | Training

Company: EnviroServices & Training Center LLC
505 Ward Ave Suite 202
Honolulu, HI 96814
 Phone (808) 839- 7222 _____

Project Manager Antone Gabriel
 Cell (808) 839-7222 _____
 Email agabriel@gotoetc.com
 Fax (808) 839- 4455 _____

Project Name/Number 20-2014	Project Location DHHL NWS PTWC Ewa Beach, Oahu HI
------------------------------------	--

q Total Metals	q FAA (ppm)	q Air Filter	q Paint Chips (%)	q Soil	RCRA 8	RCRA 11
q TCLP	q ICP (PPM)	q Paint Chips (cm)	q Dust Wipes		q Barium	q Chromium
	q GFAA (ppb)	q Drinking Water	q Waste Water		q Arsenic	q Mercury
	q CVAAs (ppb)	q Other _____			q Selenium	q Cadmium
					q Silver	q Lead
						q Copper
						q Zinc
						q Other _____

Reporting Instructions _____
 Call () _____ Fax () _____
 q Email agabriel@gotoetc.com, smarvin@gotoetc.com, bcarroll@gotoetc.com, jsahib@gotoetc.com

Total Number of Samples 7

	Sample ID	Description	Time	L/min
1	2014-1-As01	Canec ceiling tile		
2	2014-2-As01	Canec ceiling tile		
3	2014-3-As01	Canec ceiling tile		
4	2014-4-As01	Canec ceiling tile		
5	2014-5-As01	Canec ceiling tile		
6	2014-5-As02	Fiber pressboard		
7	2014-15-As01	Fiber pressboard		
8				
9				
10				
11				
12				

	Print Name	Signature	Company	Date	Time
Sampled by	B. Carroll	<i>[Signature]</i>	EnviroServices & Training Center	6/15/20	
Relinquish by	B. Carroll	<i>[Signature]</i>	EnviroServices & Training Center	6/15/20	

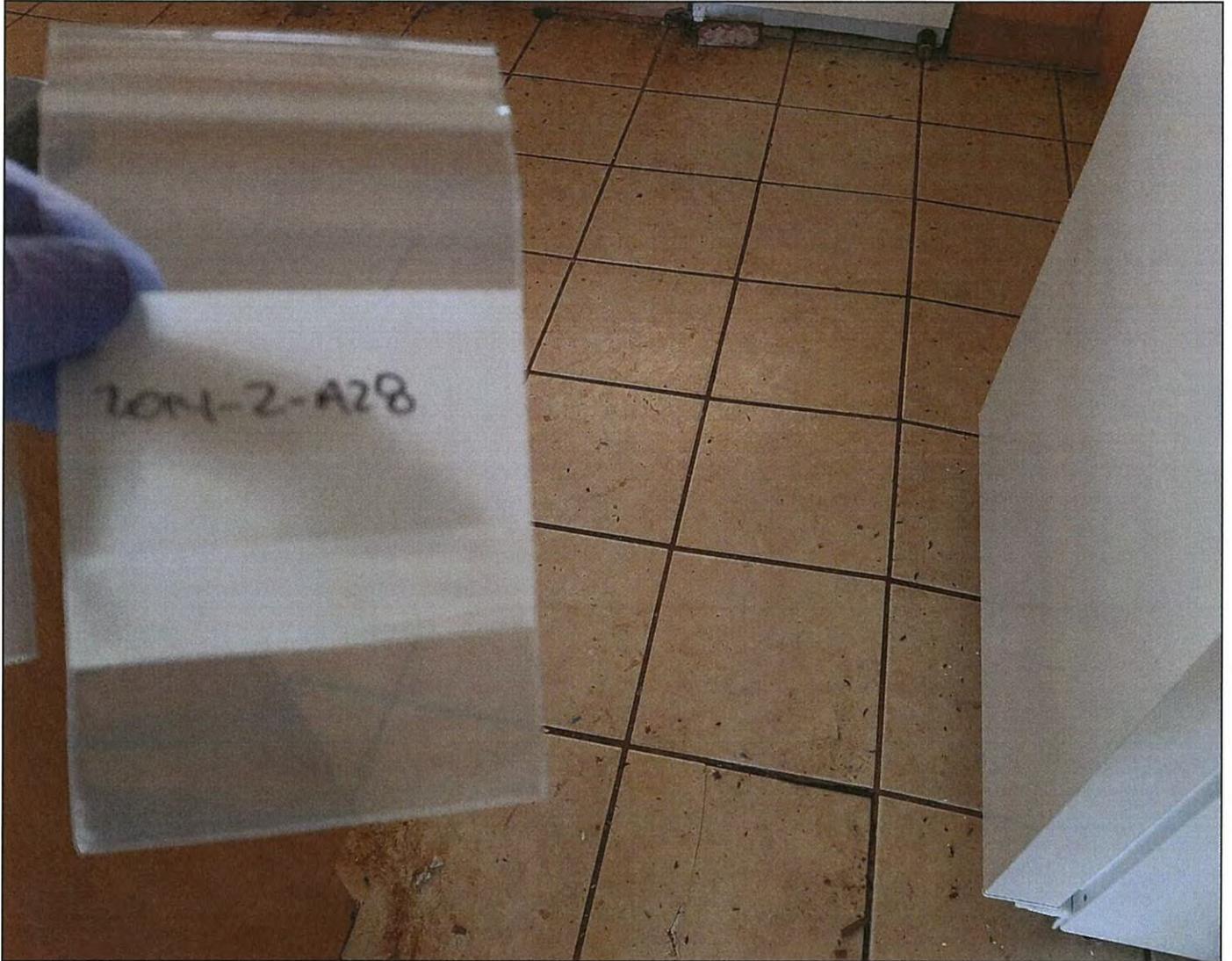
Office Use Only

	Print Name	Signature	Company	Date	Time
Received by	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	6/18/2020	12:15 PM
Analyzed by					
Called by					
Faxed/Email by					

Appendix **III**

PHOTOGRAPHIC DOCUMENTATION

Asbestos-Containing Materials



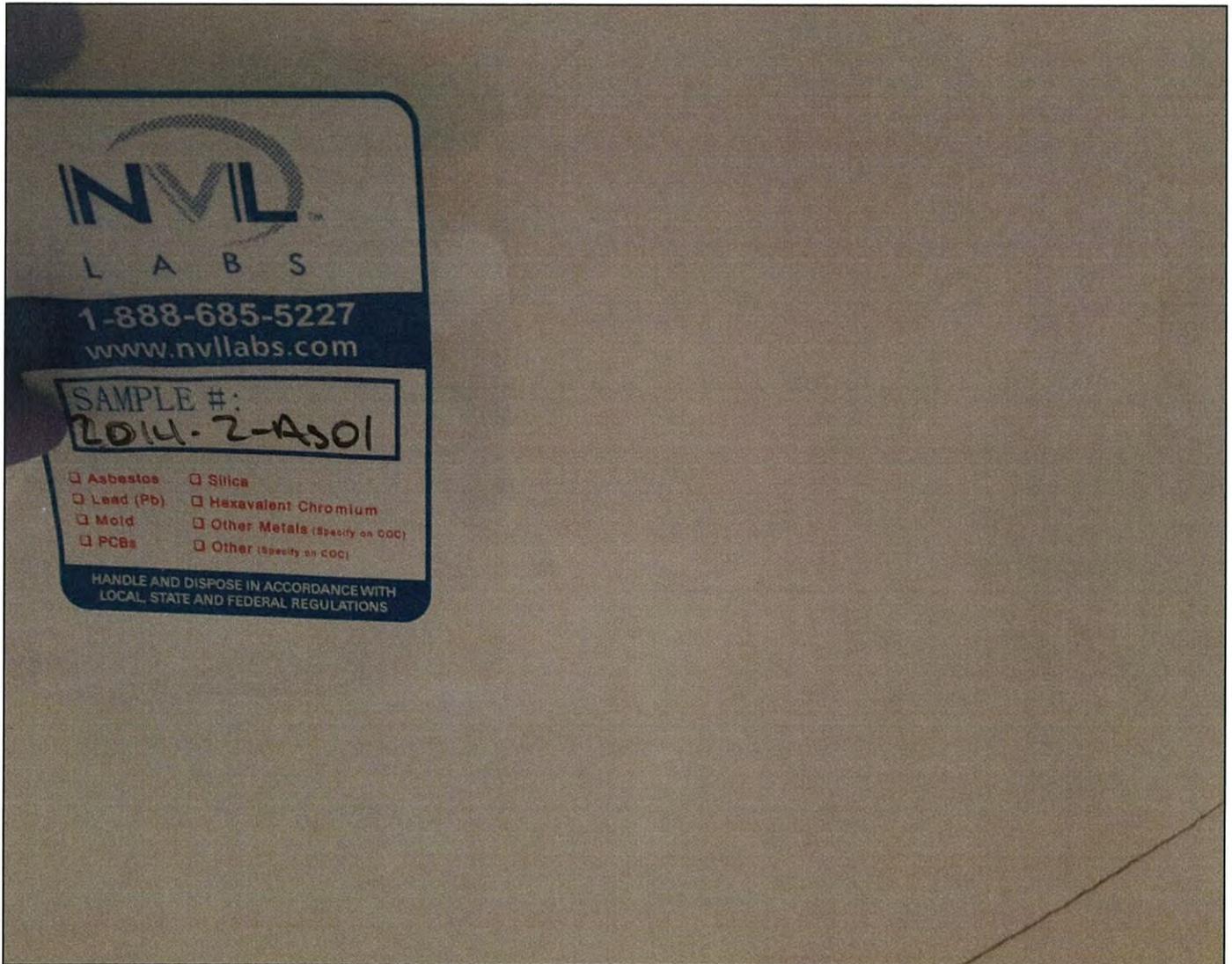
Photograph 1: Black mastic beneath 12” beige ceramic floor tile
Sample IDs 2014-2-A28 thru A30

Arsenic-Containing Materials



Photograph 1: Canec ceiling panels
Sample IDs 2014-1-As01

Arsenic-Containing Materials



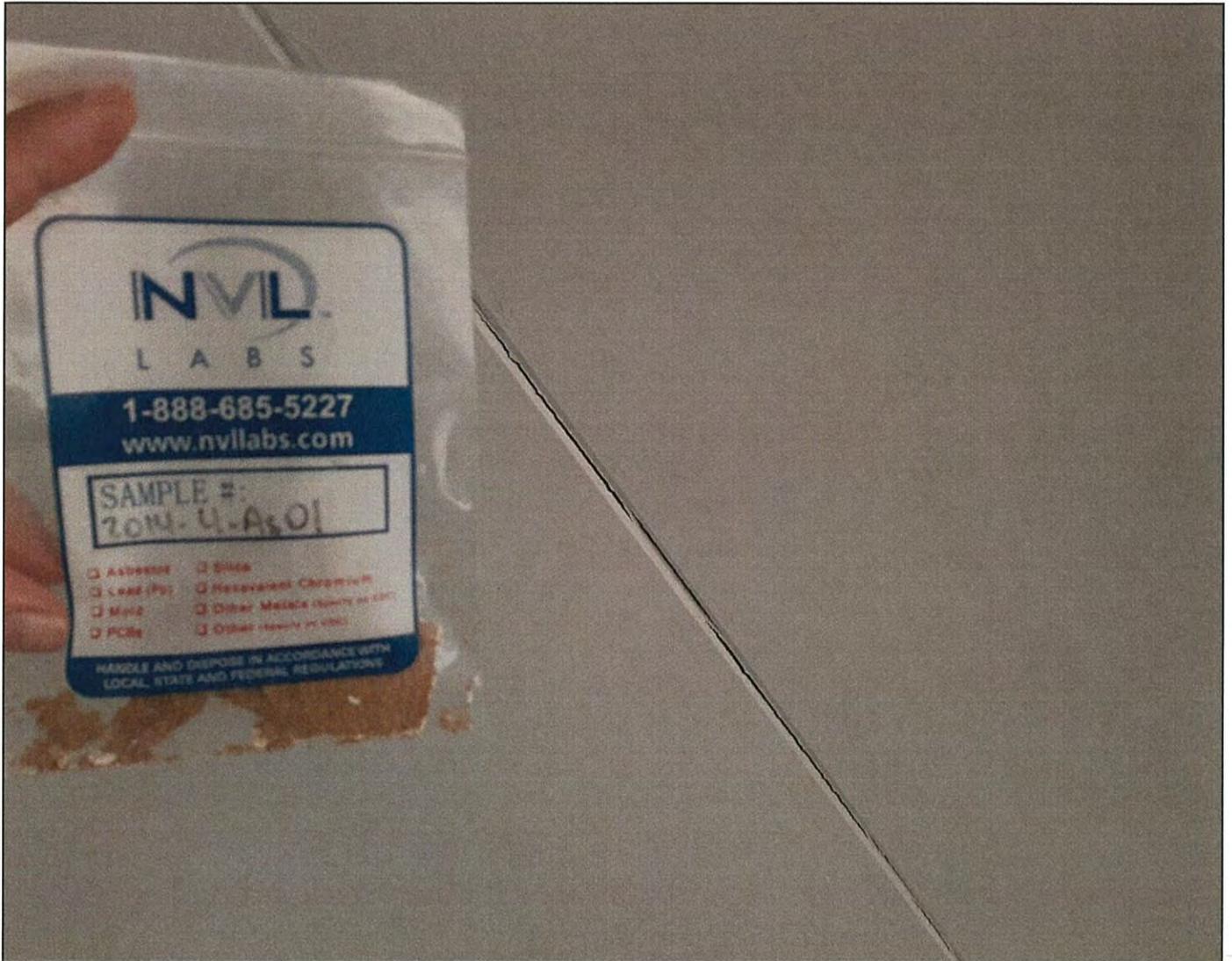
Photograph 2: Canec ceiling panels
Sample IDs 2014-2-As01

Arsenic-Containing Materials



Photograph 3: Canec ceiling panels
Sample IDs 2014-3-As01

Arsenic-Containing Materials



Photograph 4: Canec ceiling panels
Sample IDs 2014-4-As01

Arsenic-Containing Materials



Photograph 5: Canec ceiling panels
Sample IDs 2014-5-As01

Appendix **IV**

HOMOGENEOUS AREAS PLAN

**LIMITED HAZARDOUS
MATERIALS SURVEY**

**FORMER NOAA NWS PTWC
EWA BEACH HI CAMPUS**

NOAA Pacific Tsunami
Warning Center
91-270 Fort Weaver Road
Ewa Beach, Hawaii 96706

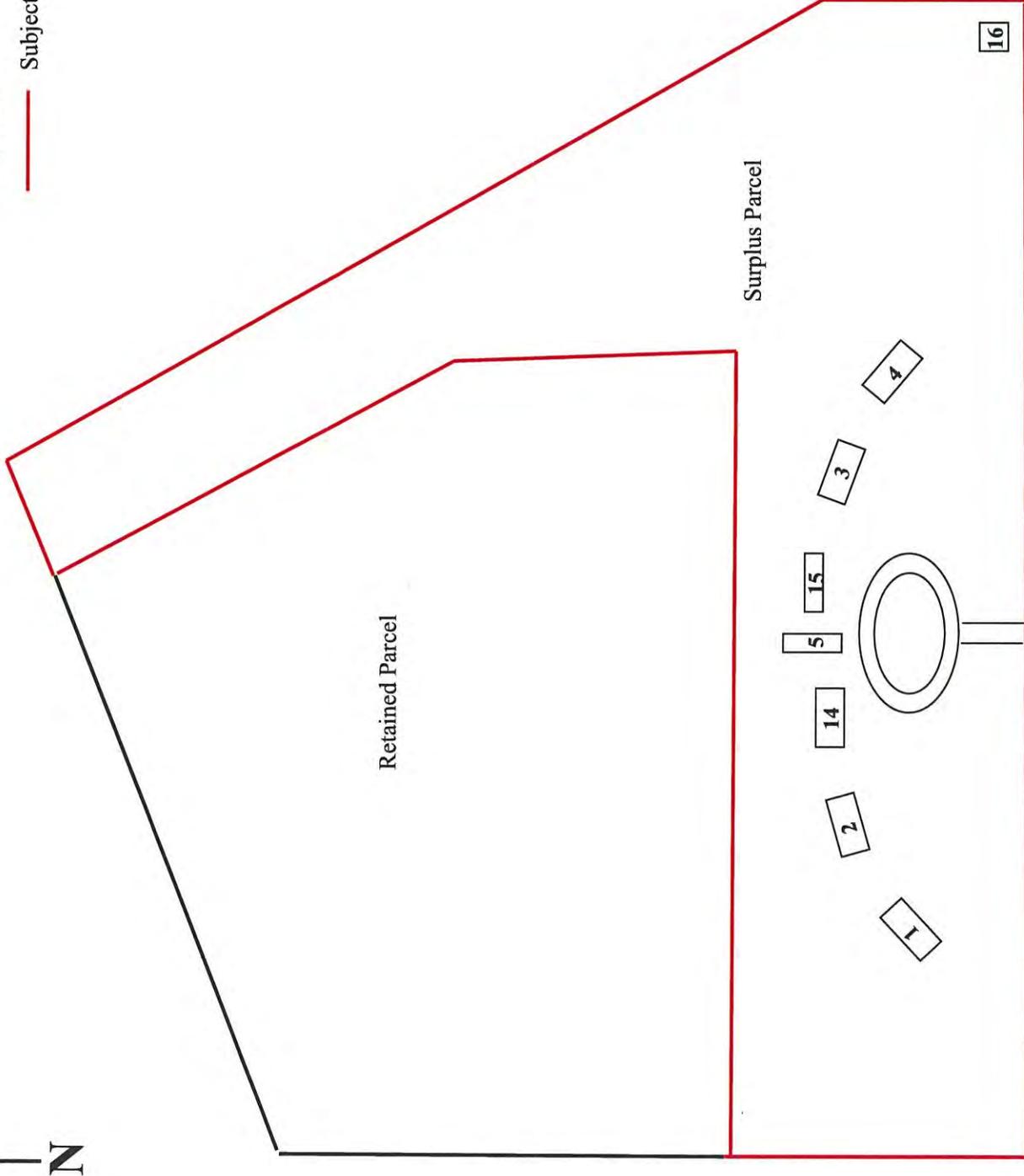
Buildings 1-5 and 14-16

NOT TO SCALE

ETC Project No. 20-2014

June 30, 2020

Legend
— Subject site



Fort Weaver Rd



LIMITED HAZARDOUS MATERIALS SURVEY

ARSENIC HOMOGENEOUS AREAS MAP

2014-1-As01 Canec panels

NOAA Pacific Tsunami Warning Center
91-270 Fort Weaver Road
Ewa Beach, Hawaii 96706

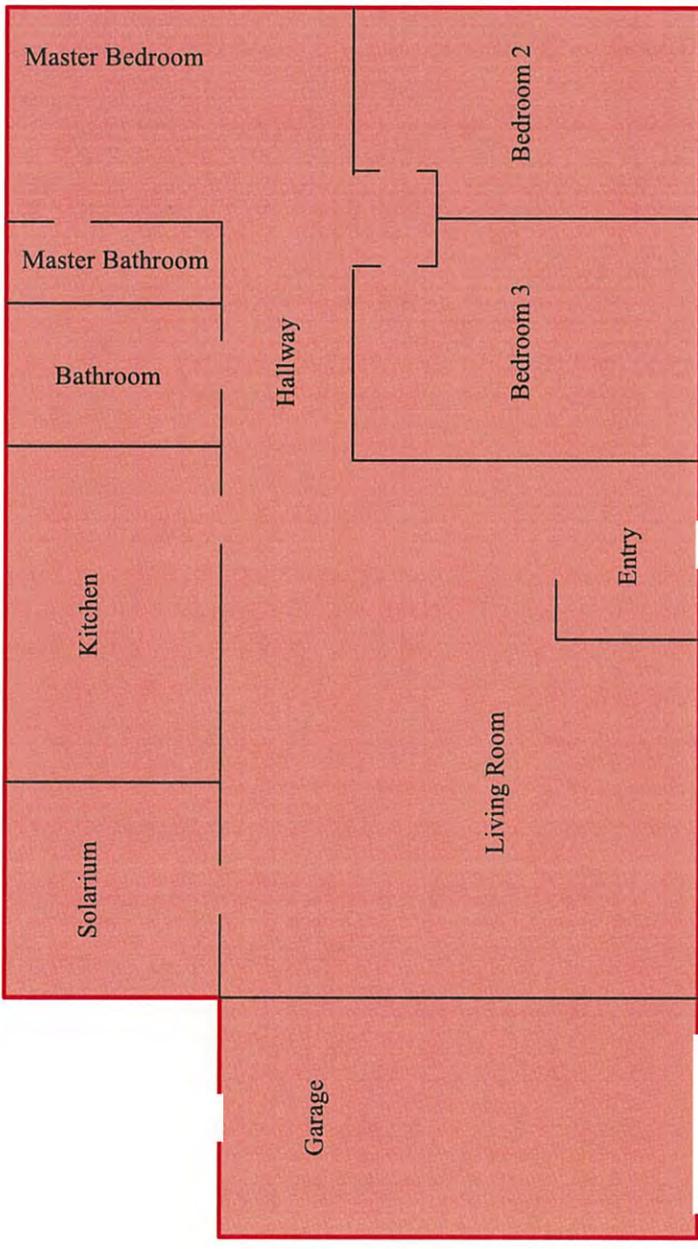
Building 1
NOT TO SCALE

ETC Project No. 20-2014

June 30, 2020



30 ft.



65 ft.



**LIMITED HAZARDOUS
MATERIALS SURVEY**

**ASBESTOS HOMOGENEOUS
AREAS MAP**

2014-2-
A28-A30

Black mastic on
ceramic floor tile

NOAA Pacific Tsunami
Warning Center
91-270 Fort Weaver Road
Ewa Beach, Hawaii 96706

Building 2

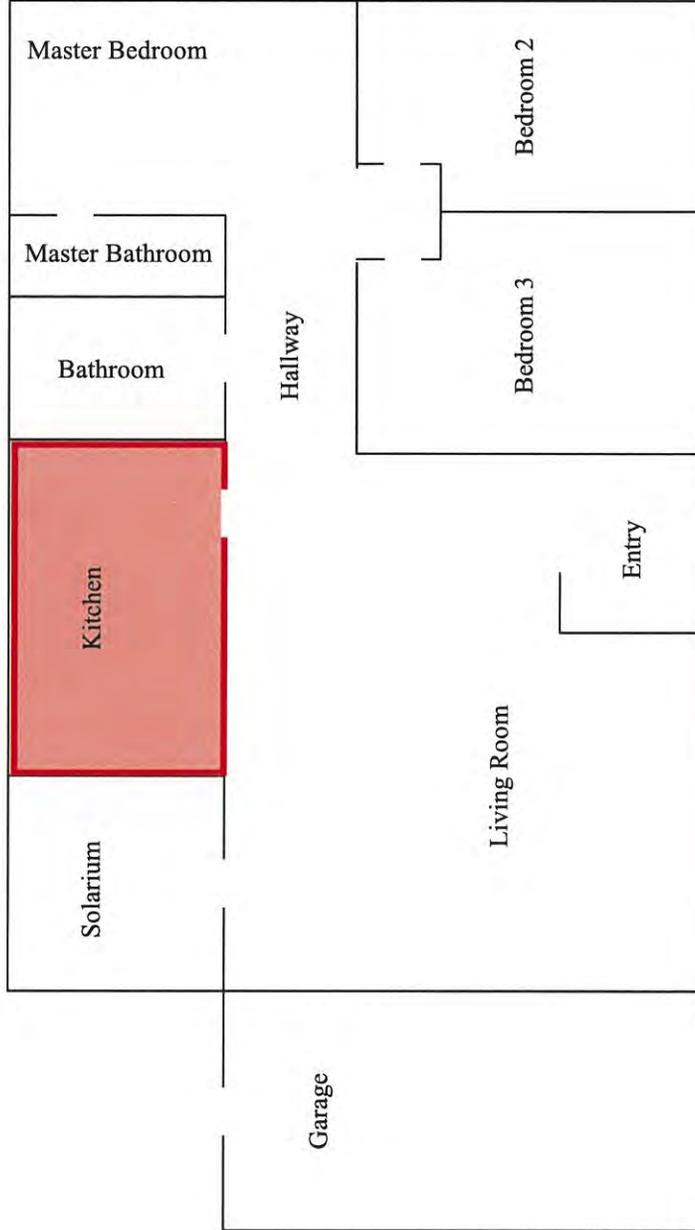
NOT TO SCALE

ETC Project No. 20-2014

June 30, 2020



30 ft.



65 ft.



**LIMITED HAZARDOUS
MATERIALS SURVEY**

**ARSENIC HOMOGENEOUS
AREAS MAP**

2014-2-As01

Canec panels

NOAA Pacific Tsunami
Warning Center
91-270 Fort Weaver Road
Ewa Beach, Hawaii 96706

Building 2

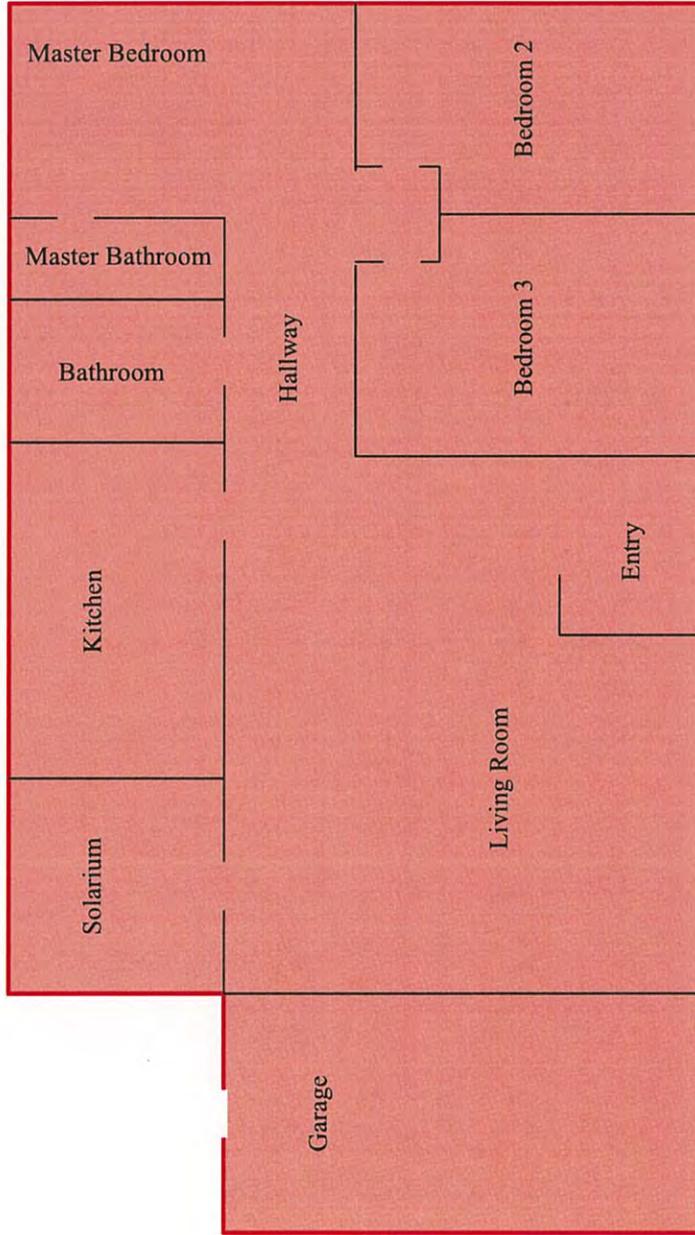
NOT TO SCALE

ETC Project No. 20-2014

June 30, 2020



30 ft.



65 ft.



LIMITED HAZARDOUS
MATERIALS SURVEY

ARSENIC HOMOGENEOUS
AREAS MAP

2014-3-As01 Canec panels

NOAA Pacific Tsunami
Warning Center
91-270 Fort Weaver Road
Ewa Beach, Hawaii 96706

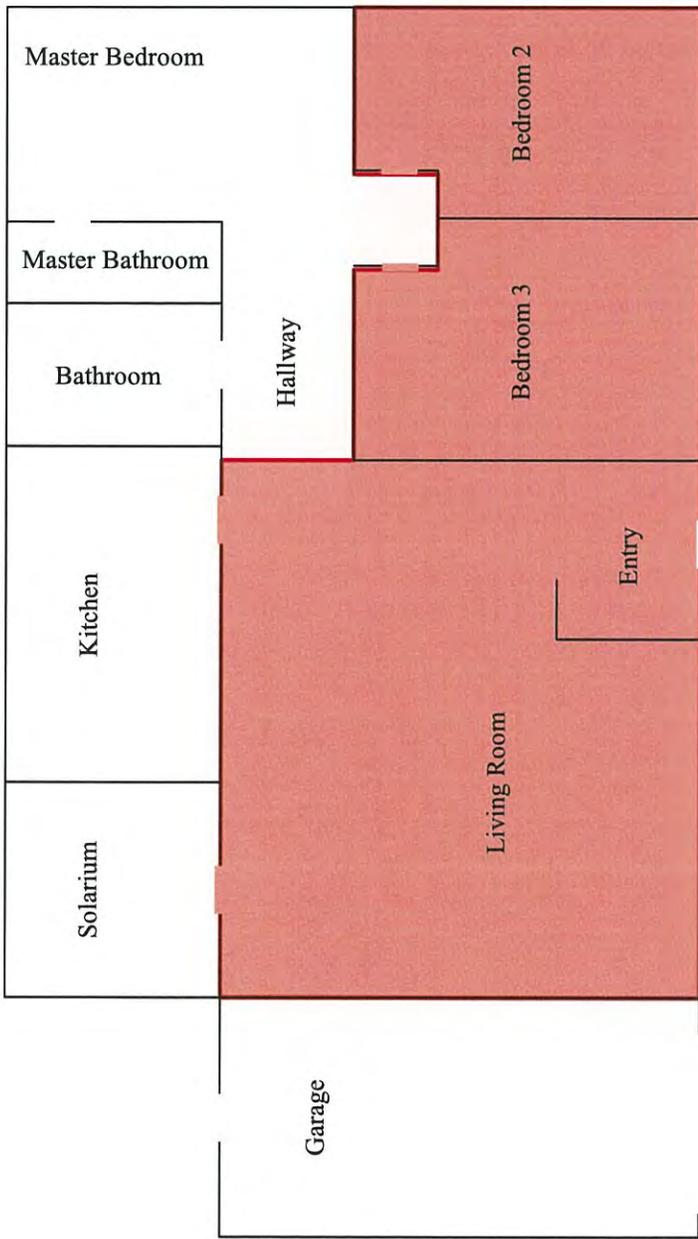
Building 3
NOT TO SCALE

ETC Project No. 20-2014

June 30, 2020



30 ft.



65 ft.



LIMITED HAZARDOUS
MATERIALS SURVEY

ARSENIC HOMOGENEOUS
AREAS MAP

2014-4-As01

Canec panels

NOAA Pacific Tsunami
Warning Center
91-270 Fort Weaver Road
Ewa Beach, Hawaii 96706

Building 4

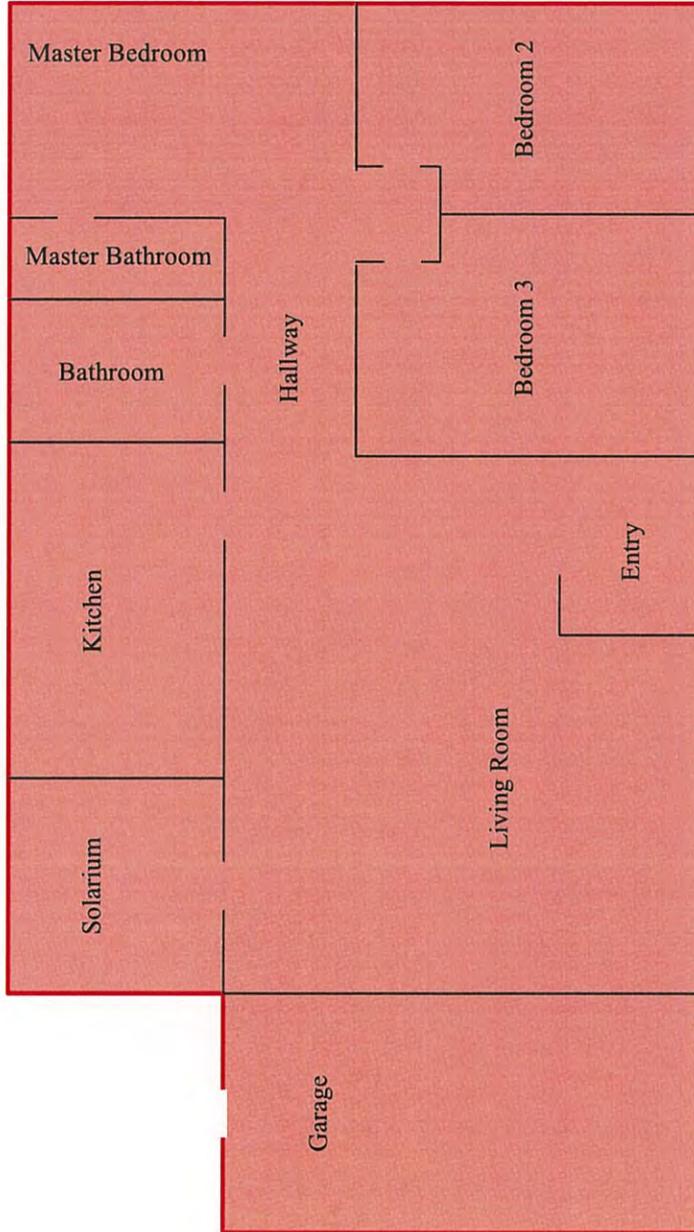
NOT TO SCALE

ETC Project No. 20-2014

June 30, 2020



30 ft.



65 ft.



LIMITED HAZARDOUS
MATERIALS SURVEY

ARSENIC HOMOGENEOUS
AREAS MAP

2014-5-As01

Canec panels

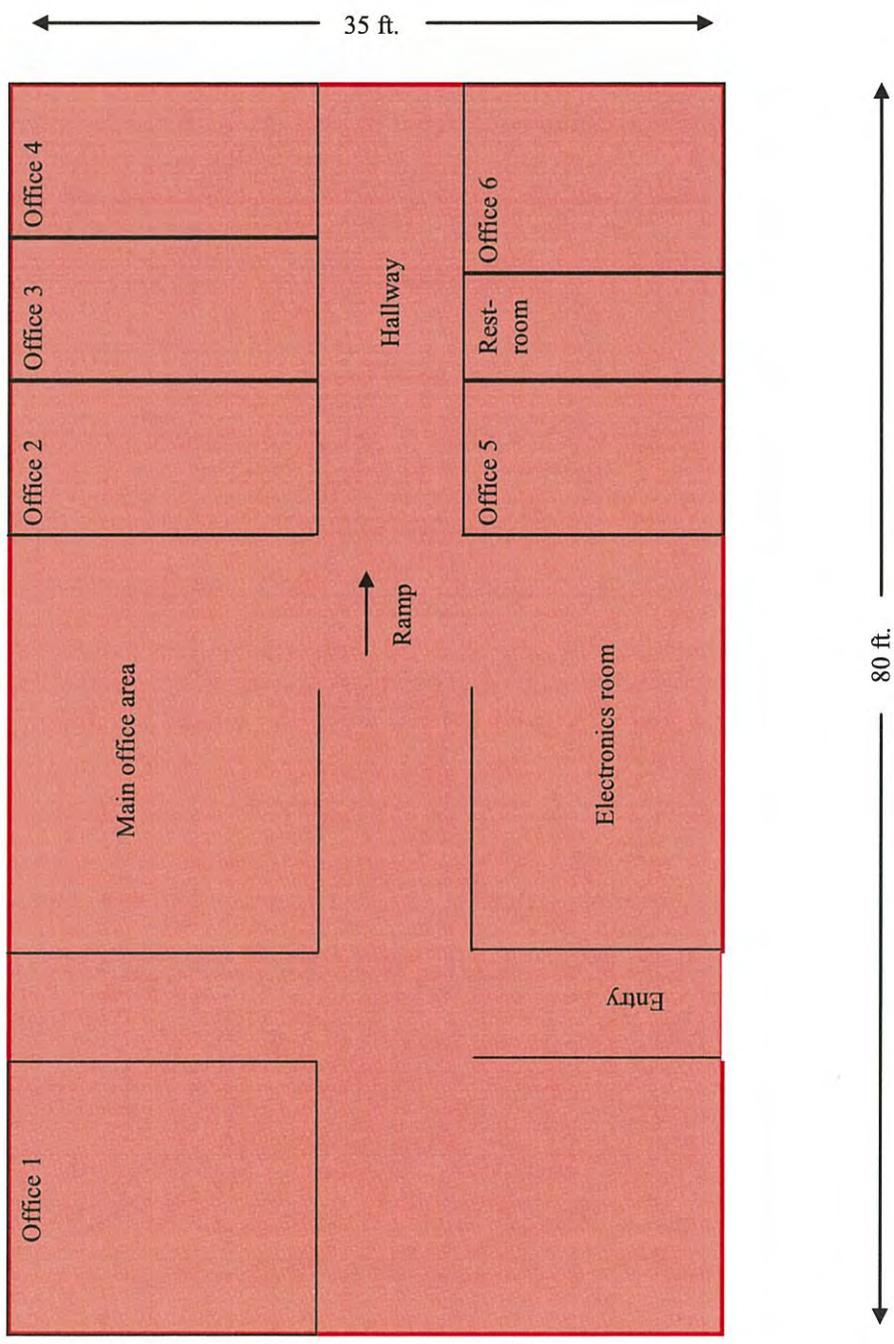
NOAA Pacific Tsunami
Warning Center
91-270 Fort Weaver Road
Ewa Beach, Hawaii 96706

Building 5

NOT TO SCALE

ETC Project No. 20-2014

June 30, 2020



Appendix **V**

RESULTS FROM BGES LEAD BASED PAINT RISK ASSESSMENT

Building 1 - Housing

Readings taken from the entry door frame and closet doors in the entryway; the interior and exterior window components, the south and east walls, and the sliding door on Wall A of the solarium (lanai); the closet doors in the hallway; the door frame, ceramic wall tiles, and bathtub in the main bathroom; the ceramic wall and shower tiles in the master bathroom; the closet doors in Bedrooms 2 and 3; the exterior soffits; the clothesline posts in the backyard; and the western wall framing, closet doors, and ceiling in the garage exceeded the EPA regulatory limit of 1.0 milligram (mg) of lead per square centimeter (cm²); or 1.0 mg/cm².

Building 2 - Housing

Readings taken from the closet doors and floor tile in the entryway; the interior and exterior window components and the sliding door on Wall A of the solarium (lanai); the door frame on Side A of the kitchen; the closet doors in the hallway; the door frame, bathtub, and ceramic wall tiles in the main bathroom; the closet doors in the master bedroom; the ceramic wall and shower tile in the master bathroom; the closet doors in Bedrooms 2 and 3; the exterior soffits and fascia; the closet doors in the garage; and the clothesline posts in the backyard exceeded the EPA regulatory limit of 1.0 mg/cm² of lead.

Building 3 - Housing

Readings taken from the exterior building foundation; the interior and exterior window components of the solarium (lanai); the front entryway door frame; the closet doors in the entryway; the closet doors in each of the three bedrooms; the doors to Bedrooms 2 and 3; the exterior soffits and fascia; and the western wall framing, closet doors, and ceiling in the garage exceeded the EPA regulatory limit of 1.0 mg/cm² of lead.

Building 4 - Housing

Readings taken from the closet doors in the entryway; the interior window casings and the sliding door on the south side (Side A) of the solarium (lanai); the floor tiles in the main bathroom; the closet doors in the master bedroom; the closet doors and the entry doors to Bedrooms 2 and 3; the clothesline posts in the backyard; the western wall framing, closet doors, closet wall, and ceiling in the garage; and the exterior soffits exceeded the EPA regulatory limit of 1.0 mg/cm² of lead.

Building 5 - Administration

None of the readings taken from Building 5 exceeded or were equal to the EPA regulatory limit of 1.0 mg/cm² of lead.

Building 14 – Housing

None of the readings taken from Building 14 exceeded or were equal to the EPA regulatory limit of 1.0 mg/cm² of lead.

Building 15 – Annex

None of the readings taken from Building 15 exceeded or were equal to the EPA regulatory limit of 1.0 mg/cm² of lead.

Building 16 – Well House

There were no painted surfaces in the Well House.

Exhibit H

SCHEMATIC DESIGN OPTIONS

B+K No.
20.901

August 10, 2020

Mr. Kahana Albinio
Department of Hawaiian Home Lands
Hale Kalaniana'ole
91-5420 Kapolei Parkway
Kapolei, Hawaii 96707

Subject: Property Assessment Investigation
91-270 Ft. Weaver Road, Ewa Beach, HI 96706
Tax Map Key: (1) 9-1-001 :001
Portion of Lot 784-A-2-A

Dear Mr. Albinio:

At your request we have developed a series of preliminary site planning solutions for the NOAA site under consideration by DHHL for acquisition from GSA. The various solutions are intended to provide DHHL with a broad sense of what may be possible while addressing some of the limitations and constraints of the property. The various options are comprised of combinations of single family and multifamily housing development along Fort Weaver Rd. and extending through the property up to North Rd. The options explore solutions that avoid the Flood Zone and Projected Sea Level Rise altogether as well as solutions that address flooding and SLR with site improvements allowing for full development of the site.

The following assessment is based on the attached Option 1 considered the highest and best use of the site assuming full development and incorporating an elevated baseline above the XS Flood Zone and Projected Sea Level Rise. The other options shown are less intensive and may require somewhat less investment to complete. Mid-rise residential apartment buildings are not permitted currently as-of-right. Entitlements will be required for the development of the site for both single family and multi-family buildings.

Minimum lot sizes are established at 5,000 square feet with some options shown for combinations of larger lot sizes. The total number of housing units proposed for each option are shown on the drawings.

Site Access:

Access to the proposed site is planned along Fort Weaver Road and North Road. The existing access currently to the project site can be utilized with a second access along Fort Weaver Road. Coordinating with Department of Transportation Highways (DOT-H), we anticipate Fort Weaver Road will need to be upgraded to accommodate the additional volume of vehicles establish by the new development. Upgrades may consist of left turn pockets



into the project site as well as possible traffic calming devices due to the straight away alignment of Fort Weaver Road. Along North Road, a back entrance to the proposed development is planned. A possible traffic study may need to be conducted to evaluate the impacts of additional volume of vehicles being contributed to the proposed development. Possible improvements may need to be established such as right turn pocket lane into the proposed development. Coordination with the City and County of Honolulu will need to be conducted in the initial planning phase. The proposed roads within the subdivision will conform to City and County of Honolulu Subdivision Street Standards Dated June 1, 2001.

Site Grading

Due to the existing topography and soil classification, we anticipate raising the site. This is to address potential drainage concerns from the impervious areas and adjacent properties. The proposed fill would also address possible concerns of excavating into coral to install new infrastructure. This will be pending on a comprehensive Geotechnical Report with boring samples to determine the depth of coral encountered. Raising the site also addresses flood zones and sea level rise.

Site Roads

The proposed Right-of-Way will adhere to the Subdivision Street Standards. This would include sidewalks, curb, gutter, and on-site parking. Roadway widths will also adhere to the Standards and is based on number of dwellings it will serve. Road section dedicated to the City and County of Honolulu will comply to Standard Specification for Public Works Construction Dated September 1986. A new access will be created for the Honolulu Magnetic Observatory. During construction, the project will need to be done in phases to provide access. A new access and utility easement will need to be agreed upon and recorded.

Wastewater System

To support the new development, a new sewer main will need to be installed. Due to the roadways being dedicated to the City and County of Honolulu, the Sewer system will need to adhere to the City and County Wastewater System Standards Dated July 2017. The limiting factor for this location is the capacity of the pumping station which was upgraded recently to accommodate new development and existing housing stock not currently on the system. City and County of Honolulu Wastewater Branch as well as Department of Environmental Services (ENV) has been engaged for hydraulic calculations and will provide a determination if the municipal system can indeed, accommodate the proposed development. Once the currently designated housing units are placed on the system there will be additional capacity however it is not known how much capacity is available or what the options are for upgrading the pumping station. More information on this is pending the final outcome from ENV hydraulic calculations.

Water System

A new water main will need to be installed within the new project development. The proposed water main will adhere to the Water System Standards Dated in 2002 and its amendments due to the roadway being dedicated to the City and County of Honolulu. Preliminary discussions with Board of Water Supply indicate there will be no concerns with the new development connecting to the existing municipal water system.

Installation of fire hydrants within the proposed development will be installed and will follow the criteria set forth in the Water System Standards Dated 2002 and will adhere to Honolulu Fire Department (HPD) requirements and NFPA 1 Fire Code, 2012 Edition.



Reclaim Water:

Based on information from Department of Health, Wastewater Branch, Recycled Water Program, there are no restrictions in the use of Recycled water. Additional research will need to be conducted to identify if any reclaim water lines exist along Fort Weaver Road or North Road.

New Development Drainage System:

A new drainage system will need to be installed within the proposed development. The drainage system will adhere to City and County of Honolulu Storm Drainage Standards Dated August 2017. Additional consideration to include during the development process of the proposed drainage system will be the storm water quality and implementing Low Impact Development (LID). A possible basin may need to be installed on site. The basin will be used to detain the increase of runoff due to the impervious surface and to treat the storm water of pollutants before discharging out to the municipal drainage system.

Municipal Drainage System

Based on the City and County of Honolulu GIS data, North Road has an existing drainage system. A drainage analysis will need to be conducted on the system to see if the existing system can accommodate additional flow. The intent will be to partially connect to the drainage system along North Road pending on the compacity of the existing drainage system along North Road. City and County of Honolulu GIS data shows no drainage system along Fort Weaver Road, fronting the proposed project site. As part of the potential upgrade to Fort Weaver Road, we presume a drainage system would need to be installed along Fort Weaver Road. A possible connection point for the proposed drainage system would be west along Fort Weaver Road to an existing open channel. Drainage Analysis for sizing as well as coordination with Department of Transportation Highways will need to be done.

Existing Electrical Conditions

The site has a 480 volt, 3 phase, 4 wire overhead service from Hawaiian Electric Company (HECO). A single utility meter is located on a utility pole on the property. The power is distributed throughout the property on site utility poles owned by the NWS. The service is fed from a high voltage HECO distribution line located on Fort Weaver Road. The site also has communication overhead services from Hawaiian Telcom and Spectrum. The communication lines are distributed throughout the property on the same site utility poles as the power, which are owned by the NWS. The seven (7) abandoned buildings all have 120/240 volt, 1 phase, 3 wire overhead electrical service drops from the site utility poles. They also have overhead communication service drops from the same utility poles. The existing Center Generator Building and multiple other buildings located at the rear of the site are remaining. The overhead electrical and communication utility poles are to remain, in order to maintain the service to the remaining buildings. An Access Control System is installed at the Main Entrance of the facility. The system consists of a main control panel, a card reader/intercom, electric rolling gate and wiring. NWS will relocate all of their equipment.

Potential Electrical and Communication Service Sources

There is a high voltage HECO distribution line running the length of Fort Weaver Road. Another line runs along North Road. Each of the runs also have communication distribution lines.

Existing Electrical and Communication Services

The utility services to each of the seven (7) abandoned buildings will have to be removed. HECO will need to be granted an easement through the new development to maintain the existing overhead electrical feed to the remaining NWS buildings.



New Residential Electrical and Communication Services

The residential lot units will require underground utility feeds by HECO, Hawaiian Telcom and Spectrum. The utility companies will require the project's Contractor to install the underground duct system, which will be comprised of in-grade handholes, concrete encased underground raceways and transformer pads. Although the underground duct system will be installed by the project Contractor, the electrical wires will be installed, owned, and maintained by HECO. HECO will also install and maintain the pad mounted transformers that will feed each of the housing units. HECO will charge a fee for their installation.

Hawaiian Telcom will also install, own, and maintain their cabling. Hawaiian Telcom will not charge a fee for their installation. Spectrum will also install, own, and maintain their cabling. Spectrum will not charge a fee for their installation.

Rough Order of Magnitude (ROM) 0% Cost

Based on historical unit costs for similar projects we provide the following opinion of cost. This is meant to establish a reasonable but rough order of magnitude. *The total does not include an allowance for Overhead, Profit, Contingency or Bonding costs as may be required.

Site Improvements

Off Site Improvements	\$6,000,000
On Site Improvements	\$12,000,000

Site Infrastructure

Sewer	\$7,000,000
Water	\$4,000,000
Drainage	\$5,000,000

Electrical

Underground Raceways	\$4,500,000
HECO Installation of Wires	\$2,000,000

Soft Costs

Design, Permits and Approvals	<u>\$2,500,000</u>
-------------------------------	--------------------

Total* \$43,000,000

Respectfully,
BOWERS + KUBOTA CONSULTING



Jeffrey McKean, RA LEED-AP

Enclosure: Subdivision Options 1-6



STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

AUGUST 18, 2020

To: Chairman and Members, Hawaiian Homes Commission
Through: Andrew Choy, Acting Planning Program Manager 
From: Julie-Ann Cachola, Planner
Kiersten Akahoshi, Junior Extension Agent, CTAHR Hilo Extension Office.
Subject: For Information Only – UH-CTAHR Hilo Extension Agent Update and
DHHL Agriculture Program Plan Process Update

PURPOSE OF SUBMITTAL:

The purpose of this informational submittal is to respond to Commissioner Ka'apu's request for an update on the technical assistance services and educational workshops provided to agricultural homestead lessees on Hawai'i Island through DHHL's contract with the University of Hawai'i, College of Tropical Agriculture and Human Resources (CTAHR), Hilo Extension Office. Through this Contract, CTAHR hired Kiersten Akahoshi as a Junior Ag Extension Agent. Kiersten works full-time to service our agricultural and pastoral lessees on Hawai'i Island. Kiersten will join us remotely, from Hilo, to present a report of her activities over the past two years.

The other purpose of this informational submittal is to update Commissioners on our approach and timeframe to develop an Agriculture Program Plan. We are excited to share with you we recently deployed the first step in the process which involved the mailout of **34,486** postcards to all agricultural lessees and applicants. The postcard invited agricultural beneficiaries to watch an introductory video on our website and to participate in an online survey. The results of the survey will help us determine the programs, services, and types of assistance that agricultural beneficiaries need.

HISTORICAL CONTEXT—THE IMPORTANT ROLE OF AGRICULTURE IN 'REHABILITATION'

The Hawaiian Homes Commission Act of 1921 ensured that native Hawaiians would always have a portion of their ancestral lands, that they could utilize those lands as a place of residence, to cultivate food, or to raise livestock animals. The Act established an inalienable land base that could be accessed and used by generation after generation of native Hawaiian families. By utilizing the lands, native Hawaiians could ensure viable futures for their families and future progeny. The Act created a managing agency that would manage the lands on behalf of the beneficiaries in order to facilitate native Hawaiian access, settlement, and productive use of those lands. The Act was a means to ensure that native Hawaiians would never end up in overcrowded, unsanitary tenement housing, wrought with disease, with no hopes for a better future.

The Hawaiian Homes Commission Act established a land base in perpetuity. However, it was the cultivation requirement that actually connected native Hawaiians to the land. Cultivation of the land re-established their reciprocal relationship with the land. The homesteading program was not designed as a government handout; it was designed as an opportunity for Hawaiians to commit and exert their creative energies and hard work into the land which would in turn, awaken the land to flourish and produce. In

this way, the agricultural component of the homestead award was a critical element that ensured future viability.

BASELINE DATA ON AGRICULTURAL LESSEES AND APPLICANTS

While our work to develop an Agriculture Program Plan will provide important data that will inform programs and services, we wanted to provide some basic data as a starting point for our planning discussions.

Table 1: Ag Lessees and Ag Applicants by Island

ISLAND	AG LESSEES	AG APPLICANTS
Hawai'i	523	7,273
Maui	65	4,673
Molokai	461	1,087
O'ahu	60	3,797
Kaua'i	46	2,239
TOTAL	1,155	19,069

Table 2: Ag Lessees by Homestead Area and Ag Applicants by Island

AREA	OLDEST LEASE	AG LESSEES	ISLAND AG. LESSEES	PERCENT	ISLAND AG APPS	PERCENT
1. PANAEWA	Dec-24	278				
2. MAKUU	Nov-85	122				
3. PUUKAPU	Oct-52	111				
4. PUUEO	Dec-86	12				
HAWAII TOTAL:			523	45.28%	7,273	38.14%
5. HOOLEHUA	Jan-23	386				
6. KALAMAULA	Jan-23	72				
7. MOOMOMI	Aug-32	3				
MOLOKAI TOTAL:			461	42.06%	1,087	5.70%
8. KEOKEA	Nov-93	65				
MAUI TOTAL:			65	5.63%	4,673	24.51%
9. LUALUALEI	Jun-75	31				
10. WAIAHOLE	Sep-98	16				
11. WAIANAE	Jan-00	11				
12. WAIMANALO	Mar-38	2				
OAHU TOTAL:			60	5.19%	3,797	19.91%
13. ANAHOLA	Jan-57	46				
KAUAI TOTAL:			46	3.98%	2,239	11.74%
TOTALS		1,155	1,155	100.00%	19,069	100.00%

Table 3: Agricultural Homestead Areas, Average Lot Sizes, and Agricultural Ratings

ISLAND	AG HOMESTEAD	AG LEASES	ISLAND TOTAL	PERCENT	AVE. LOT SIZE IN ACRES	ALISH ¹	LSB ²	LESA ³
HAWAI'I	1. PANAEWA	262	506	46%	5.56	Other	E	N/C
	2. MAKU'U	122			4.65	No Type	E	N/C
	3. WAIMEA	110			6.66	Prime/Other	B, C	1
	4. PU'U'EO	12				Other	D, E	1, n/c
MOLOKAI	5. HO'OLEHUA	348	419	38%	22.28	Prime	D	1
	6. KALAMA'ULA	71			5.36	No type	A, E	1, n/c
MAUI	7. KĒŌKEA	65	65	6%	2.80	Other/No Type	E, C	1, 0
	8. LUALUALEI	31	60	5%	6.50	Prime/No Type	E, B	n/c
O'AHU	9. WAIĀHOLE	18			0.54	Prime/Unique	C, E, None	1, n/c
	10. WAI'ANAE	11			2.65	Prime/No Type	E	1, n/c
KAUA'I	11. ANAHOLA	46	46	4%	4.86	Prime/Other	C, D	1, n/c
		1,096	1,096	100%	5.62			

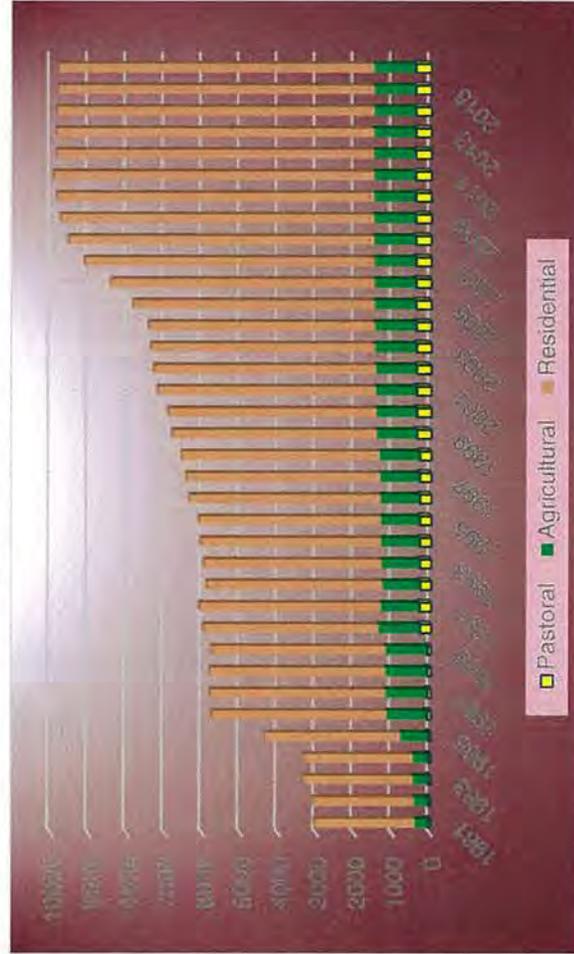
NOTES:

1. ALISH= Agricultural Lands of Importance to the State of Hawaii, DOA, USDA/SCS, and others, 1977
Classifications=Prime, Unique, Other, or no classification
2. LSB=Land Study Bureau's Detailed Agricultural land productivity ratings, UH, 1965-1972
A=Highest Productivity Rating (very good) to E=Lowest Productivity Rating (very poor, not suitable)
3. LESEA=Important Agricultural Lands as determined/delineated by the LESEA Commission, 1986.
1=Important Ag Lands; 0=Not Important Ag Lands; N/C=No Classification

Table 4: DHHL LANDS DESIGNATED/ZONED FOR AGRICULTURAL USE

Island	% of DHHL AG Land	Total Ag Land	General Ag	Subsistence Ag	Supplemental Ag	Total DHHL LAND BY ISLAND	Percent of Island Designated for AG Use
Hawai'i	35%	21,220	17,778	2,486	956	117,551	18%
Molokai	28%	16,711	8,	2,351	5,862	25,748	65%
Kauai	25%	14,888	13,684	1,204		20,575	72%
Maui	10%	6,327	5,792	330	205	31,904	20%
Oahu	2%	1,125	905	220		8,154	14%
Lanai	0%	-				50	0%
TOTALS	100%	60,271	46,657	6,591	7,023	203,982	30%

Homestead Leases Over Time



DHHL'S CONTRACT WITH CTAHR

For more than 25 years, DHHL has contracted the CTAHR program to help native Hawaiian beneficiaries to increase the number of successful agricultural and pastoral lessees. The DHHL contract provides funding for CTAHR to hire a dedicated employee to provide services to agricultural and pastoral lessees who reside on the island. In addition to having a dedicated ag agent to work with our lessees, since the ag agent is part of the CTAHR program, the agent can access other resources and experts within CTAHR. In this way, the agent can address any agricultural/pastoral issue that beneficiaries might encounter. At one point, DHHL had 3 CTAHR contracts in place which provided a dedicated CTAHR Junior Ag Extension Agent on Kauai, Molokai, and Hawai'i Island. At this time, however, DHHL only has one (1) dedicated ag agent. Kiersten Akahoshi has been our dedicated Ag Extension Agent for the past 6 years. She works out of the Hilo Ag Extension Office, but she services the entire island of Hawai'i.

DHHL-CTAHR AGRICULTURAL EDUCATION PROGRAM UPDATE

The Cooperative Extension Service – Department of Hawaiian Home Lands Agricultural Education Program (the Program) is intended to provide assistance services to increase the number of successful Hawaiian Home Lands agricultural and pastoral homesteaders. This update is intended to share information regarding programming during the 2018-2020 contract period, including a brief explanation of the Cooperative Extension Service at the University of Hawai'i at Mānoa.

University of Hawai'i at Mānoa College of Tropical Agriculture and Human Resources Cooperative Extension Service

The College of Tropical Agriculture and Human Resources (CTAHR) is the founding college of the University of Hawai'i at Mānoa. Today, CTAHR has six departments covering multiple disciplines related to agriculture and human and natural resources. In Hawai'i, CTAHR administers the Cooperative Extension Service.

The Cooperative Extension Service (CES) is the outreach component of CTAHR. Cooperative Extension extends practical applications of science to support local food systems, healthy living, youth development, and the stewardship of natural resources for future generations. The CES provides non-formal science-based education to enrich the lives and livelihoods of farmers, consumers, and families in Hawai'i.

Cooperative Extension is a state-wide program with county extension agents and specialists located throughout the state. There are twenty-nine off-campus facilities. This includes the experiment stations and the extension offices, with offices and experiment stations in every county. The experiment stations are located in areas encompassing the different microclimates to better approximate the environmental differences that farmers face in Hawai'i.

The CES is a partnership between local, state, and federal governments, which allows local agents to leverage the power of a national system to bring science-based knowledge to the public. By partnering with other agencies, the CES can leverage these resources, as well as their counterparts in other agencies, to assist communities to extend knowledge and improve lives.

Report of Activities 2018-2020

During the 2018-2020 period, CTAHR Hawai'i Island Extension Agent has networked with faculty at CTAHR covering disciplines including agribusiness, animal production, floriculture, food safety, forestry, horticulture, nutrition, orchard crops, and range management to provide answers, workshops, and materials to homesteaders. By networking with the faculty, I have been able to leverage

resources from the Hawai'i County Resource and Development, the Hawai'i State Department of Agriculture, the Hawai'i State Department of Health, the Produce Safety Alliance (Cornell University), and the United States Department of Agriculture. The Extension Agent has also utilized the Agricultural Diagnostic Service Center of CTAHR to provide no-cost diagnostics, including soil testing and pest/disease identification to homesteaders.

Hawai'i County Program

The CTAHR-DHHL Agricultural Education Program for Hawai'i County covers all of Hawai'i island and focuses on the main agricultural areas of DHHL. The Program efforts are mostly focused on the areas of Maku'u, Pana'ewa, and Waimea. Each of these areas have different microclimates and different environments and face different opportunities and challenges.

Maku'u

The Maku'u agriculture lots are located in the Puna district of Hawai'i County. This community has a vibrant and successful farmers' market and is close to Pāhoā town which has restaurants and retail shops. One of the main challenges for this area is that many of the homestead lots are on "blue rock", or dense, solid rock at or very near the surface.

Pana'ewa

The Pana'ewa agriculture lots are located near Hilo town, which also has a lot of restaurants and retail shops. Hilo also has the Historic Hilo Farmers' Market, which is a tourist attraction as well as a vibrant market. Due to the proximity of the port and the airport, Hilo also has a regular influx of tourists (pre-pandemic). Pana'ewa also has their own farmers' market that also serves as a community gathering area. This area has nutritious, but rocky, soil.

Waimea

The Waimea area has both agriculture and pasture lots. Waimea is also at a much higher elevation than either Maku'u or Pana'ewa and has deep, rich volcanic soil that makes it well suited for growing "truck crops". Waimea is also very close to other agricultural producers (Parker Ranch and many vegetable farms). This area is also geographically near the high end resorts and restaurants on the Kohala coast, which could make specialty and high value crops easier to market and distribute. Waimea is also the furthest from major transportation hubs, with only one small airport.

Selection of Educational Topics and Getting the Word Out

While some of the topics of the educational programming are chosen based on the different needs of the areas, the information presented as workshops are offered to each area. In cases where there is not enough interest to justify a workshop or when the workshops do not work with a homesteader's schedule, the Extension Agent has worked one-on-one with any interested homesteader. Educational topics are also decided by feedback from program participants, homestead associations, community leaders, and current events. The Extension Agent also chooses some topics based on novelty to increase engagement with homesteaders who otherwise may not be interested. Examples of these novelty topics include aquaponics and vegetable grafting.

The Extension Agent uses many different methods to reach out to homesteaders and advertises workshops and series by sending out announcements to everyone that has left their contact information with her, including the community associations. The Extension Agent also sends the announcements to both the DHHL East and West Hawai'i District Offices and encourages everyone to share the announcement with those who they feel will be interested in the topic. The Extension Agent maintains an events calendar with information about other agriculture or community events that she is aware of. The Extension Agent also attends community meetings and the on-island Commission meetings to meet homesteaders that she may not have otherwise met.

2018-2020 Program Update

During the 2018-2020 period, the Extension Agent has had over 1,100 direct homesteader contacts. The Extension Agent has conducted over seventy farm visits and had more than forty homesteaders stop by for office consultations. In this time, she has assisted more than twenty homesteaders in completing the DHHL Farm Plan and conducted or assisted with over 60 workshops. The workshops have included topics like farm food safety, agricultural production, and business skills. Participants of the workshops over this period reported positive outcomes. Some examples include:

- Increased confidence in their computer skills
- Increased confidence in finding reputable information on the internet
- Increased confidence in the safety of their food
- Increased quality of life by growing their own food
- Increased knowledge and awareness of soil health, soil amendments and fertilizers
- Increased skill in plant propagation techniques
- Increased awareness of technical and financial assistance that is available
- Broadened awareness of “agriculture” (for example, including floriculture and nursery crops)
- MOST IMPORTANTLY: increased interest in agricultural activities on their homestead

In several, informal follow ups, the Extension Agent noted that participants are actively using skills and knowledge learned in the workshops. Some examples include:

- Submitting samples for testing and/or identification
- Propagating plants
- Growing food at home
- Pruning orchard crops
- Using soil amendments to improve their crop quality
- Using the internet to find information and vetting information that they get from random resources
- Raising livestock

There are several workshops that the Extension Agent conducts annually because there is continued interest and engagement and because the workshops serve as a reminder to complete some annual tasks. Over time, the Extension Agent has seen repeat participants grow in their knowledge and confidence to the point where they are not only assisting newcomers in the workshops, they are also teaching others in their families and communities. The Extension Agent have also seen enthusiasm grow within the communities for growing plants and animals and developing community relationships to support one another.

The COVID-19 Pandemic has introduced new interest and enthusiasm for growing food at home as well as new challenges. In the interim, the Extension Agent has moved programming online and provided participants the materials they need to do the hands-on portions in the safety of their own homesteads. The Extension Agent looks forward to continuing to assist the homesteaders through this and other challenges and opportunities the future brings.

UPDATE ON THE AGRICULTURE PROGRAM PLAN

DHHL has initiated a planning process to develop a departmental Agriculture Program Plan. The UH-CTAHR is also assisting DHHL with this initiative. The overall goal of the DHHL Agriculture Program Plan is to identify programmatic supports, services, and partners in order to cultivate more successful native Hawaiian farmers on Hawaiian Home Lands. A brief description of outreach initiatives to date are described below.

October 2019 Agriculture Leadership Foundation of Hawai'i Conference

Initial outreach with DHHL beneficiaries began in October 2019 at the Agriculture Leadership Foundation of Hawai'i Conference. DHHL extended invitations to agriculture applicants and homestead associations that represent agriculture lessees to participate in a one-day DHHL workshop prior to the two-day, Agriculture Conference. Invitations were sent to twenty-five agriculture applicants (5 per island's agriculture list). Homestead associations that represented agriculture lessees were asked to select two representatives to participate in the conference. Approximately 40 individuals participated in the 3-day event.

Large Group Discussion - The conference started by framing of the workshop for participants in a large group session. This included ice-breakers to get to know participants, discussions on HHC Act as it relates to agriculture, and success in agriculture (everyone's definition is different).

Break out groups - Participants self-selected into one of four groups (1-Applicants, 2-New Farmer/Gardener 3- Small Farmer, 4-Commercial Farmer). Participants stayed in these groups for three 60-minute breakout sessions discussing farming successes, bottlenecks and needs at the individual, community, and lāhui level. The sessions also included discussions regarding the participants interpretation and obligation to Prince Kūhiō's vision and the HHCA and redefining the dialog around farming to create synergistic supportive communities. Each group shared their discussions to the larger group at the end of each session.

Vision for the future and wrap up- The DHHL Ag conference was wrapped up by coming back together as a larger group to summarize what was discussed and envisioned the future. Participants were encouraged to continue to engage and support one another.

The information shared by participants during all of the workshop discussions will be utilized in the development of DHHL's Agriculture program plan.

July / August 2020 Agriculture Program Plan Survey

Due to COVID-19, DHHL had to adapt its methods to continue outreach for this planning process as in-person meetings and workshops cannot be conducted safely during this time. As a result, DHHL developed an informational overview video of agriculture on Hawaiian Home Lands as well as a survey instrument for both lessees and applicants to provide feedback to DHHL (See Exhibit A). For applicants, the survey asks for feedback on how an applicant would utilize a agriculture homestead award and current level of farming experience. For the lessee survey, lessees are asked to provide feedback on issues that may prevent them from achieving their agricultural goals, desired training opportunities, and agricultural infrastructure that may be needed.

The beneficiary agriculture survey is currently on-going and DHHL expects to close the survey at the end of August and analyze the results during the month of September and will be utilized to help shape the plan framework and organization.

Future Outreach Process and Next-Steps in the Planning Process

Table 1 below briefly summarizes the next-steps and tentative schedule in this planning process.

Table 1 Tentative Schedule & Next-Steps

TIMEFRAME	ACTION/ACTIVITY
July –Sept 2020	1. Administer survey and analyze results
Sept / Oct 2020	2. HHC Workshop on Survey Results
Sept – Oct 2020	3. Draft Plan/Framework
End Oct – Nov 2020	4. 1st Round Beneficiary Consultation Meetings (virtual on-line meetings)
February 2021	5. Develop Recommendations and Draft Plan
Feb/March 2021	6. HHC Workshop
March 2021	7. 2nd Round BC Mtgs; method and schedule TBD depending on COVID-19 situation
April 2021	8. Finalize Plan based on 2nd round feedback
May 2021	9. HHC Workshop
June 2021	10. HHC Approval

In addition to the above steps, DHHL and UH-CTAHR plan to meet with key stakeholders in Hawaii’s agriculture industry and community for the purposes of identifying potential partners to assist DHHL and DHHL beneficiaries and also learn more about state-wide agriculture industry issues that may also have an affect on DHHL beneficiaries.

Recommended Action

None. For information only.

Online Agriculture Program Plan Survey

Aloha! Now that you have watched the video, please take a few minutes to complete this survey. The information you provide is critical, and will help DHHL develop its agriculture homesteading program. We appreciate you taking the time to participate in this process. This survey will take approximately 5-8 minutes to complete.

* Required

1. Do you have your survey code (Note- It is on the post card).

If you don't have it the code you can still take the survey, but there are some additional questions that we will need to ask you. It may add 3-5 minutes to the survey length.

Yes

No

2. Are you a beneficiary?

Yes

No

3. Which of the following best describes you?

I am an applicant on the agriculture wait-list.

I am an existing lessee on an agriculture homestead.

I am a native Hawaiian (50% or greater blood quantum). but not a lessee or applicant

Other

EXHIBIT "A"

4. What Island is your agriculture homestead application for?

If you don't recall what island your application is for, please call DHHL's Contact Center at (808) 620-9500. Ask the staff what island list your agriculture homestead application is on. Once you have that information, please return back to the survey to complete the survey. If you select "I don't know" from the choices below, the survey will end.

- Hawaii Island
- Maui
- Molokai
- Oahu
- Kauai
- I don't know

5. Do you live in Hawaii?

- Yes
- No

6. What island do you currently live on?

- Hawaii Island
- Maui
- Molokai
- Oahu
- Kauai

7. If you receive an agriculture homestead award in the next two years, how do you intend to use it? *

- Farm only. I want to use all the land for farming & do not intend to reside on the lot.
- Farm and build my own home on the homestead.
- I just want to build my own home.

EXHIBIT "A"

I plan on transferring the homestead lot to a family member.

8. When you get your agriculture homestead lot, what kind of agricultural activities would you pursue?

NOTE- If you select the "other" button, the cursor will automatically move into the space provided for you to write in a description. Once information is typed into the space, the "other" button will show as being selected. *

Subsistence/garden plots (small scale, not for profit)

Commercial farm

Would not pursue agricultural activities

Other

9. What kind of agricultural crops are you interested in growing? (check all that apply). If you choose "other" please describe in the space provided to move to the next question.

Traditional/cultural crops

Vegetables/Fruits

Ornamentals

Tree/Orchard crops

Other

10. How would you rate your level of farming experience? *

Very experienced- I have grown and sold my crop commercially.

Some Experience- I have grown a garden for my personal use or family's use.

Some Experience- I have farmed with others

Some Experience- I have attended agriculture classes

No Experience- I have no farming experience of any kind

EXHIBIT "A"

11. What is the MAIN issue that prevents you from farming? If you choose "other" please describe in the space provided to move to the next question. *

- Land
- Water
- Transportation
- Capital/Money
- Labor/Management
- Market
- Education/Training
- Support Services
- Other

12. Please explain this issue.

Enter your answer

13. What is the SECOND MOST important issue that prevents you from farming? If you choose "other" please describe in the space provided to move to the next question.

- Land
- Water
- Transportation
- Capital/Money
- Labor/Management
- Market
- Education/Training
- Support Services

EXHIBIT "A"

Other

EXHIBIT "A"

14. Please explain this issue.

Enter your answer

15. What is the THIRD MOST important issue that prevents you from farming? If you choose "other" please describe in the space provided to move to the next question.

Land

Water

Transportation

Capital/Money

Labor/Management

Market

Education/Training

Support Services

Other

16. Please explain this issue.

Enter your answer

17. If DHHL provides the following educational training, what do you think would be the most important for you? (SELECT 2)

If you choose "other" please describe in the space provided to move to the next question.

- Basic business training
- Basic agricultural training
- Leadership training
- Carpentry/trades training (building your own house)
- Site planning- planning out your homestead
- Other

18. What kind of agricultural infrastructure would be helpful for you? (SELECT 2)
If you choose "other" please describe in the space provided to move to the next question.

- Community processing facility
- Assistance to develop value-added products
- Marketing assistance
- Farmer's market
- Ongoing agricultural training and technical assistance
- Other

19. DHHL values your mana'o. Please share any other comments you have regarding the Agriculture Program Plan.

Enter your answer

20. Would you like DHHL to contact you directly with updates regarding the survey, plan, and the consultation process?

- Yes
- No

EXHIBIT "A"

Submit

This content is created by the owner of the form. The data you submit will be sent to the form owner.

Powered by Microsoft Forms | [Privacy and cookies](#) | [Terms of use](#)

EXHIBIT "A"

* Required

Lessee Survey

5. Are you living on your agriculture homestead lot? *

yes

no

6. How is this lot being used for agriculture?

NOTE- If you select the "other" button, the cursor will automatically move into the space provided for you to write in a description. Once information is typed into the space, the "other" button will show as being selected. *

I am gardening on the agriculture lot

I am actively farming/cultivating the agriculture lot

I'm not farming or gardening.

Other

7. What is the MAIN issue that prevents you from farming? If you choose "other" please describe in the space provided to move to the next question. *

Land

Water

Transportation

Capital/Money

Labor/Management

Market

Education/Training

EXHIBIT "A"

Support Services

Other

8. Please explain this issue.

Enter your answer

9. What is the SECOND MOST important issue that prevents you from farming? If you choose "other" please describe in the space provided to move to the next question.

Land

Water

Transportation

Capital/Money

Labor/Management

Market

Education/Training

Support Services

Other

10. Please explain this issue.

Enter your answer

EXHIBIT "A"

11. What is the THIRD MOST important issue that prevents you from farming? If you choose "other" please describe in the space provided to move to the next question.

- Land
- Water
- Transportation
- Capital/Money
- Labor/Management
- Market
- Education/Training
- Support Services
- Other

12. Please explain this issue.

Enter your answer

13. What kind of AGRICULTURE FACILITIES would be helpful in your homestead community? (SELECT 2) If you choose "other" please describe in the space provided to move to the next question.

- Post harvest processing facility (washing & packing)
- Community Kitchen for value added product
- Farm training center
- Farmer's market
- I don't need any of these community facilities.
- Other

EXHIBIT "A"

14. What kind of AGRICULTURE ASSISTANCE would be helpful for you? If you choose "other" please describe in the space provided to move to the next question.(SELECT 2)

- Setting up your farm (Site planning, layout)
- Agricultural training workshops
- Individual technical assistance
- Marketing assistance
- Assistance to develop value-added products
- Other

15. How would you rate your level of farming experience? *

- Very experienced- I have grown and sold my crop commercially.
- Some Experience- I have grown a garden for my personal use or family's use.
- Some Experience- I have farmed with others
- Some Experience- I have attended agriculture classes
- No Experience- I have no farming experience of any kind

16. DHHL values your mana'o. Please share any other comments you have regarding the Agriculture Program Plan. *

Enter your answer

17. Would you like DHHL to contact you directly with updates regarding the survey, plan, and the consultation process?

- Yes
- No

EXHIBIT "A"

[Back](#)

[Submit](#)

This content is created by the owner of the form. The data you submit will be sent to the form owner.

Powered by Microsoft Forms | [Privacy and cookies](#) | [Terms of use](#)

EXHIBIT "A"

STATE OF HAWAI'I
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

To: Chairman and Members, Hawaiian Homes Commission
Thru: Andrew H. Choy, Acting Planning Program Manager
From: Nancy M. McPherson, Planner *n/m*
Subject: For Information Only - Update on Kalaupapa Management,
Kalawao County, Island of Molokai

Recommended Action

For information only. No action required.

Background

The Planning Office is providing the Hawaiian Homes Commission (HHC) with a status report on various activities and plans that affect Hawaiian Homes lands under General Lease to the National Park Service (NPS) in the ahupua'a of Kalaupapa and Pālā'au (Apana 3), in the County of Kalawao, Island of Molokai. The National Park Service is currently in the process of finalizing the General Management Plan for the Kalaupapa National Historic Park.

Historic Timeline

Kalaupapa ("the flat plane"), comprised of the ahupua'a of Kalaupapa, Makanalua and Kalawao, is estimated to have been settled by seafaring Polynesians at least 900 years ago. The traditional name of the peninsula is Makanalua, and Kalaupapa referred to the fishing village on its eastern shore. Kalaupapa was known for its kalo grown in the lo'i of Waikolu, sweet potatoes, fishing grounds, salt deposits, and varieties of kapa, and was a stopping-off place for canoes traveling along the northern coastline of Molokai.

Hansen's Disease (aka Leprosy or Ma'i Lepera) is thought to have been present in Hawai'i as early as the 1820's. Although occupied and farmed by kuleana landholders, King Kamehameha V, Lota Kapuāiwa, declared the peninsula set aside for the isolation of those afflicted with the disease in 1866.

Originally residing in Kalawao on the windy eastern half of the peninsula, the patients were moved to the sunnier western side in 1889 and the Kalaupapa Settlement began to take shape, eventually housing over 1,000 persons in a relatively self-sufficient community of homes, churches, offices and an infirmary, boys' and girls' homes, base yards, workshops, general store, post office, assembly hall and a bar/community gathering place ("Fuesaina's").

The entire peninsula is a final resting place for iwi kupuna, that of the original inhabitants as well as the Hansen's Disease patients, in 11,000 marked graves in six cemeteries, as well as in many unmarked burials, making Kalaupapa hallowed ground and a sacred place to be treated with the utmost respect and honor. Another name that was used for Kalaupapa post-1866 was 'Āina O Ka 'Eha'eha (Land of Suffering).

Administration of the Colony, which encompasses the settlements of Kalawao and Kalaupapa, transitioned from the Board of Health of the Hawaiian Kingdom (1866 - 1893), through the dark days of the Provisional Government (1893-1894 and Republic of Hawai'i (1894-1900), to the Territorial Board of Health (1900 to 1959), then to the current administration by the State Department of Health (DOH, 1959 to present). Kalawao County, along with the other counties, was created in 1905, and is technically the smallest county, based on area, in the U.S.

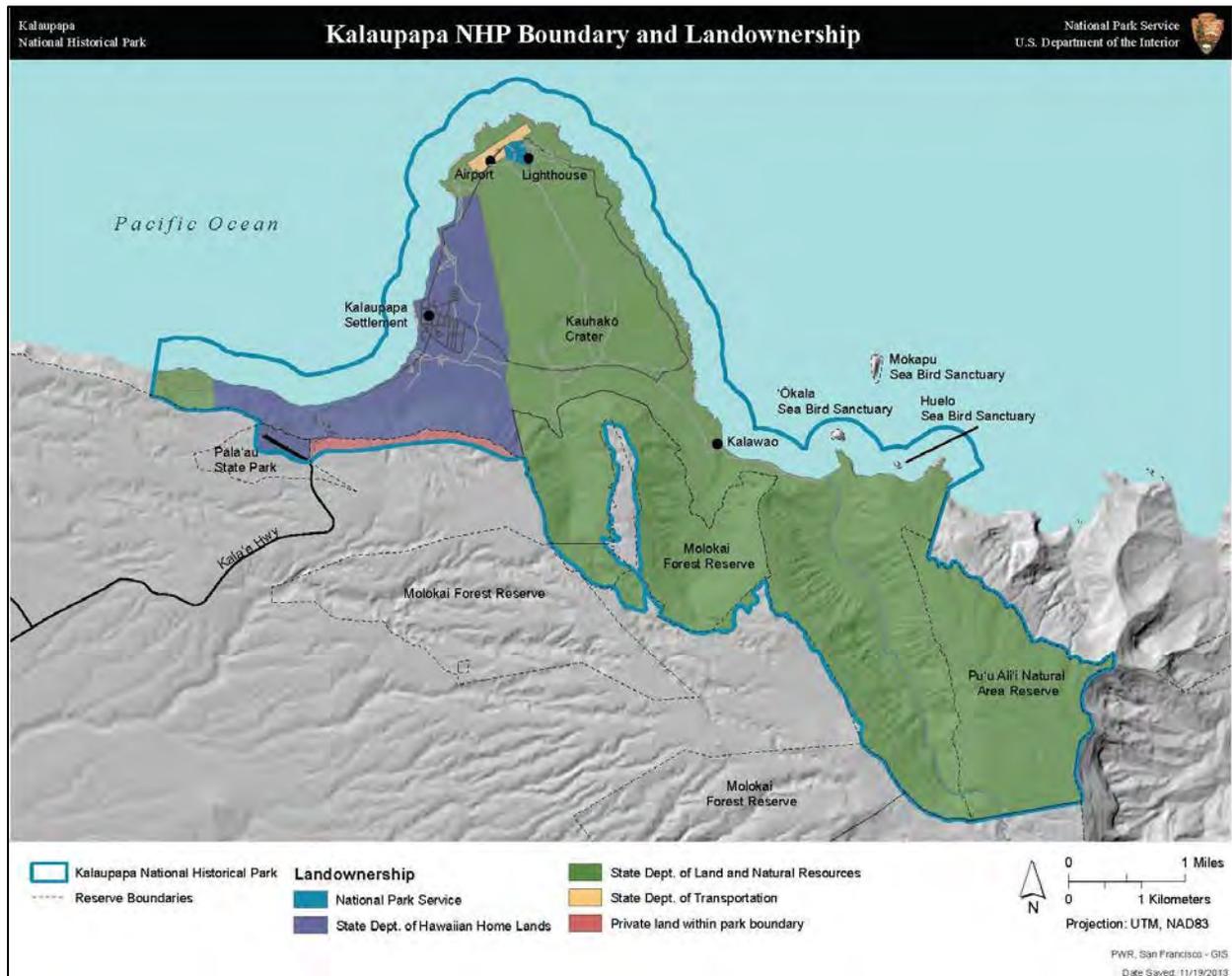
Kalawao County is administered by the DOH per HRS Ch. 326. The DOH's presence in Kalaupapa, and its provision of health care and other supportive services, will continue as long as there are still Hansen's Disease patient-residents with homes and rights of return there. There are twelve patient-residents currently under DOH's care, but they do not all reside in Kalaupapa full-time. The DOH Director is the Mayor of Kalawao County, and a Sheriff (currently DOH's Kalaupapa Administrator) is appointed by the DOH to preserve the public peace. The DOH-Hansen's Disease Branch reports annually to the Legislature, and its latest report for 2019 can be accessed via this link: <https://health.hawaii.gov/opppd/files/2020/01/CDPHND-Kalaupapa-Settlement-Annual-Report-2019.pdf>

In 1921, upon the passage by Congress of the Hawaiian Homes Commission Act, Kalaupapa was included in the tracts of land to be administered for the benefit of native Hawaiians. After Statehood, in discussions with DLNR, DHHL asserted that the entire peninsula (Kalaupapa, Makanalua and Kalawao) should be considered as the tract of land identified as Kalaupapa in 1921.

DLNR disagreed, and has maintained ownership of the lands of Makanalua, Kalawao, and Waikolu.

In the 1970's, concerns about long term maintenance of structures, facilities and infrastructure, and preservation of Kalaupapa's history and legacy, prompted an effort to consider some form of protection and stewardship of Kalaupapa at the state and federal levels. In 1975, the State Legislature passed several resolutions for the preservation of Kalaupapa. On December 22, 1980, the peninsula of Kalaupapa, the valleys of Waihanau, Wai'ale'ia, and Waikolu, the cliff and trail, offshore waters and islets, and a northern portion of Pālā'au located at the top of the cliff were included within the boundaries of the Kalaupapa National Historic Park (PL 96-565). See Figure 1, below.

Fig. 1 Kalaupapa NHP Boundary and Landownership



Pursuant to Public Law 100-202, dated December 22, 1987, on September 22, 1992, the National Park Service entered into a general lease (GL 231) with DHHL for 50 years beginning on July 15, 1991 and extending to July 14, 2041. The current lease agreement only covers 1,247 acres of land within Kalawao county and does not include the 43 acres at Pālā'au State Park. The leased area contains the western part of the peninsula, including the entire Kalaupapa Settlement, sea cliffs, and trail to topside. The National Park Service pays rent annually for use and operations on the premises. In the last 20 years, a total of \$4,135,244 in lease rent payments has been paid by NPS to DHHL - an average of \$206,762 per year. See Exhibit A, "General Lease"

Multiple layers of jurisdiction and intersecting responsibilities makes Kalaupapa a complex situation requiring significant governmental coordination. Table 1 lists the government agencies that currently have kuleana in Kalaupapa, which is managed by either a lease or cooperative agreement with NPS. See Exhibit B, "Table 1 Scope of Work" from DOH-NPS Cooperative Agreement (CA) for a more detailed breakdown of responsibilities. Since this CA was executed, some tasks, e.g. barge scheduling, have been assumed by NPS.

Table 1 Agencies with Kuleana in Kalaupapa

Agency	Kalaupapa Kuleana
DHHL	Manage long-term General Lease No. 231 (LMD); update & implement Molokai Island Plan for Kalaupapa-Pālā'au (PO); participate in interagency coordination & transition planning (LMD, LDD, PO, OCH); coordinate beneficiary outreach & consultation on NPS GMP (PO)
DOH	Manage buildings, programs such as visitors and tours, & resources under DOH control; provide healthcare, meals, interior home repair, yardwork & other supportive services to patient-residents, administration & recordkeeping; administer applicable laws in Kalawao County
NPS	Maintain & operate water & fuel distribution, electrical & waste management systems; maintain roads; preserve & restore historic structures, cemeteries & cultural sites; maintain public grounds & landscaping; maintain interpretive signage at Pālā'au Lookout; assist DOH in enforcement of regulations; fire suppression; first aid and rescue operations for visitors; major/exterior repairs to patient-resident homes.

Agency	Kalaupapa Kuleana
DOT	Manage airport operations; maintain & enhance buildings, runway, lighting & fuel systems; provide safety & fire protection services at airport.
DLNR	Manage conservation & Forest Reserve areas; control invasive species & animals in coordination w/NPS; environmental & natural resource management in Pu'u Ali'i Natural Area Reserve.
Maui County	Provide Emergency Response via a Mutual Aid Agreement - tsunami, wildfire, hurricane etc.

To increase coordination amongst agencies and to prepare for DOH's transition out of Kalaupapa when the last patient-resident has passed on, an interagency working group was formed and began meeting in April of 2016. The working group currently meets quarterly. Staff from the Planning Office, Land Management Division, Land Development Division, and Chair's Office have represented DHHL on the interagency working group. These meetings have primarily focused on day-to-day management, repair, and maintenance issues. The following agencies attend the working group meetings: DOH, DHHL, NPS, State DOT-Airports, DLNR, Maui County, and DOI-ONHR.

Discussion

To date, of the agencies with kuleana in Kalaupapa, only DHHL and NPS have developed land use policy plans with regards to the area. The Department of Health developed a Transition Plan in the 1980's that is now out of date. Below is a brief discussion of these planning efforts and a summary of beneficiary concerns raised.

EXISTING PLANS & IMPLEMENTATION STATUS

Molokai Island Plan (2005) Policies Related to Kalaupapa

The purpose of each DHHL Island Plan is to:

- (1) Provide a comprehensive resource for planning and land management purposes;
- (2) Establish land use designations (LUD's) for all land holdings to promote orderly land use development and efficient development of infrastructure systems; and
- (3) Identify island-wide needs, opportunities, and priorities.

The Molokai Island Plan was adopted by the HHC in 2005. The Island Plan delineates five planning districts for the island of Molokai: 'Ualapu'e, Kapa'akea-Kamiloloa-Makakupa'ia, Kalama'ula, Ho'olehua-Pālā'au (Apana 1 & 2), and Kalaupapa-Pālā'au (Apana 3). The Plan identifies the following land use designations (LUD's) and acreage amounts for lands within the planning area of Kalaupapa-Pālā'au, summarized in Table 1 below. See Fig. 2, "Preferred Land Use Plan," below Table 1, for a map of the LUD's.

Table 1 LUD Acreage Summary

Land Use Designation (LUD)	Acres in Kalaupapa	Acres in Pālā'au	Total	% of Molokai LUD
Special District	621	226	847	15
Conservation	0	609	609	93
General Ag	0	0	0	0
Residential	0	0	0	0
Pastoral	0	0	0	0
Subsistence Ag	0	0	0	0
Supplemental Ag	0	0	0	0
Industrial	0	0	0	0
Community Use	7	0	7	3
Commercial	0	5	5	8
TOTALS	628	840	1,468	5

Fig. 2 Preferred Land Use Plan (DHHL Molokai Island Plan 2005)

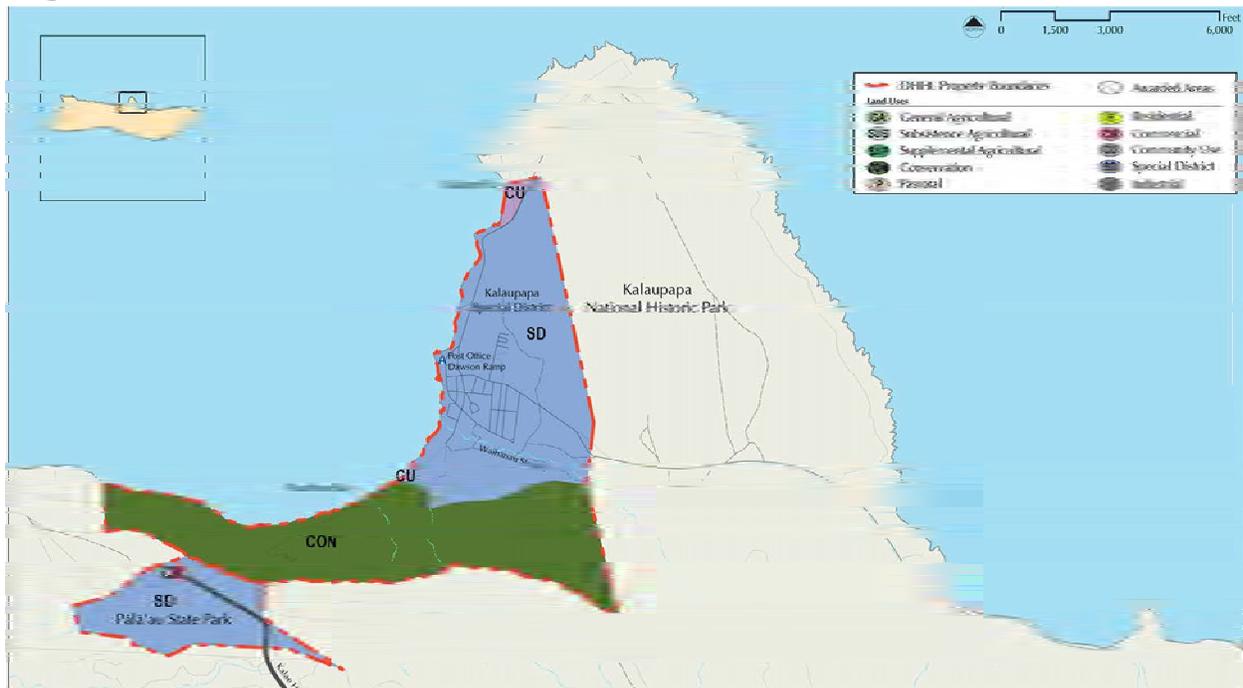


Figure 6.2 - Kalaupapa-Pālā'au Preferred Land Use Plan

Kalaupapa presented a difficult challenge in identifying appropriate land uses, due to its status as a National Historic Park (NHP). During preparation of the Molokai Island Plan, beneficiaries expressed strong sentiments about and concerns for the future of Kalaupapa. Use of the Settlement for homesteading was considered but ultimately deemed undesirable due to multiple factors such as:

- Presence of patients and significance of their history
- Extensive presence of unmarked burials
- Geographic isolation and difficulty of access
- Inadequate, antiquated infrastructure
- Aging structures and deferred maintenance
- Status as a NHP; general lease terms and conditions
- Status as a sacred place with international significance

Two 2.5-acre areas on the peninsula were designated as Community Use, in order to create nodes intended to maintain a cultural presence and promote a link to place for those 'ohana that once resided there prior to the establishment of the settlement, for lineal descendants and those that plan to commit themselves as stewards to this area.

The 621 acres designated as Special District in the Kalaupapa Peninsula encompasses the existing historical settlement area. This designation requires additional planning in order to be implemented, due to special conditions such as the sensitive nature of the resources in Kalaupapa. Guidelines will need to be established with the Patient's Advisory Council, Department of Health (DOH), NPS, and DHHL as to long-term uses of this designated area, but one idea that received strong support from beneficiaries was to establish a pu'u honua (traditional concept of a place of refuge) envisioned as a native Hawaiian healing and wellness center. It was thought that input from beneficiaries and DHHL would help shape the NPS' General Management Plan and serve as one way to implement the intent of the Special District designation. The 226 acres in the Pālā'au (Apana 3) tract in this designation will remain as a forested reserve area for recreational purposes. Areas designated Conservation are consistent with the State Land Use boundary.

The five acres of Commercial Use in Pālā'au was envisioned to create a cultural community center that is culturally appropriate to the perpetuation of the traditional cultural practices of Hawai'i but is specific to the historical legacy of Molokai and Kalaupapa specifically.

Molokai Island Plan Implementation Status

In 2009, the National Park Service (NPS) initiated the planning process to develop a General Management Plan for the Kalaupapa NHP. The DHHL Planning Office felt that due to the Settlement's status as a NHP and the general lease with NPS, the best way to implement the Molokai Island Plan would be to participate in the NPS' GMP planning process. DHHL began engaging with NPS' planning process in 2009 during the public scoping phase, and held several Beneficiary Consultation meetings in 2011 on the Preliminary Alternatives and in 2015 on the Draft GMP/EIS that identified the Preferred Alternative. NPS staff attended these meetings, and DHHL Planning Office staff attended NPS planning meetings with stakeholders and the general public.

The beneficiary outreach effort was communicated to the HHC at its regular meeting in June 2015 via an information-only submittal, and an Action Item was submitted for acceptance in July of 2015. See Exhibit C, Item G-1, "Status of Beneficiary Consultation" and Exhibit D, Item G-1, "Accept Beneficiary Consultation Report." Beneficiary questions and concerns were communicated to NPS in several comment letters that were attached to the June 2015 submittal as Exhibits A and B.

Molokai Regional Plan

The Molokai Regional Plan was updated in 2019-2020. No Priority Projects were identified for the Kalaupapa-Pālā'au planning area.

National Park Service's General Management Plan

DHHL staff has actively participated in the development of NPS' first General Management Plan for the Kalaupapa NHP. The intended scope of the GMP is to provide guidance for resource management, visitor use and access, and an operational shift from co-management with the State of Hawai'i to primary management by the National Park Service.

The November 2018 GMP/EA contains content from the previously developed Kalaupapa NHP Draft General Management Plan and Environmental Impact Statement (GMP/EIS) released in April 2015. A substantive change from the draft GMP/EIS is the removal of specific guidance for the Kalaupapa Settlement historic buildings. This change is based on the complexities related to the long-term use and management of the Kalaupapa Settlement

buildings by the NPS, DHHL, and other partners, and need for additional collaborative planning and firm commitments from partners.

- GMP has been under development by NPS since 2009
- DHHL Planning Office staff has participated in each phase of Plan development since 2009 and submitted 3 comment letters. See Exhibit E, Comment Letter dated Mar. 7, 2019
- Beneficiary Consultation meetings were conducted on Molokai on June 29 and 30, 2011, and May 26 and 27, 2015
- Three main phases: first phase was Scoping, then Preliminary Alternatives, then the Preferred Alternative
- Originally an EIS under NEPA, changed to an EA in 2019
- Alternative 2 is described as follows in the GMP:

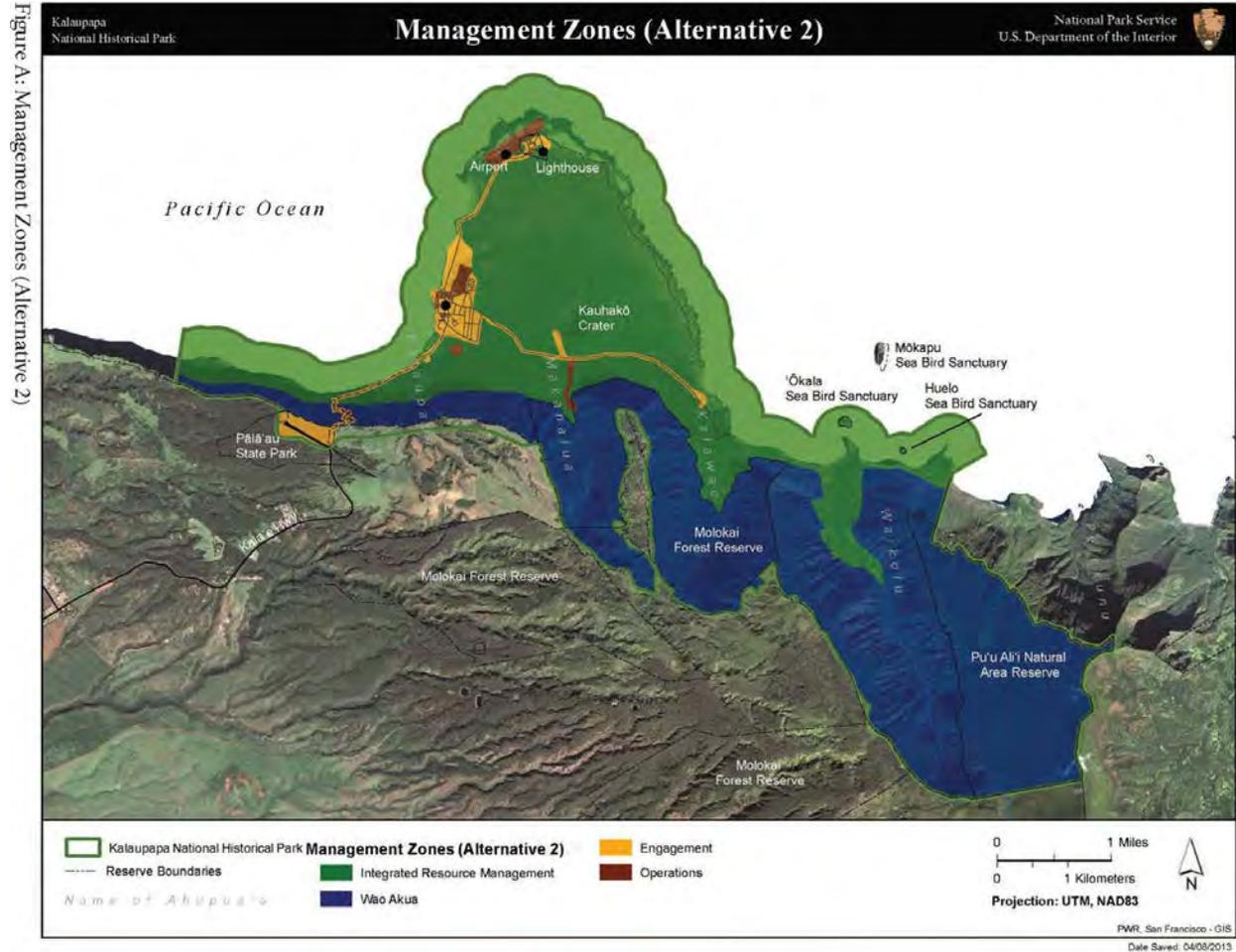
"A-2, the NPS preferred alternative, emphasizes stewardship of Kalaupapa's lands and resources in collaboration with the park's many partners. Kalaupapa's diverse resources would be managed from uka to kai (mountain to sea) to protect and maintain their character and historical significance. Through hands-on stewardship activities, service and volunteer work groups would have meaningful learning experiences, while contributing to the long-term preservation of Kalaupapa's resources. Visitation by the general public would be supported and integrated into park management. Visitor regulations would change, including by allowing children to visit Kalaupapa with adult supervision and removing the 100 person per day visitor cap while continuing to limit the number of visitors per day through new mechanisms."

The purposes of the GMP/EA are described as follows in the GMP:

- to articulate a vision and overall management philosophy for Kalaupapa NHP that will guide near- and long-term decision-making by current and future managers;
- to provide guidance about how to best protect Kalaupapa NHP's resources, how to manage visitor use, how to provide quality visitor experiences, and identify what kinds of facilities are needed for management of the park;
- to ensure that this plan has been developed in consultation with the public, interested stakeholders and adopted by NPS leadership after adequate analyses of the benefits and impacts of alternative courses of action; and
- to fulfill the four statutory requirements defined in Public Law 95-625.

The Management Zones Map (Fig. 3, below) shows the various areas to be managed with additional planning. The GMP is intended to give general guidance; more specific plans and programs for visitation, concessions, archaeological research, and stewardship and partnerships will be developed in order to implement the GMP, and additional Section 106 Consultation will occur for each additional plan as it is developed.

Fig. 3 NHP GMP Management Zones (Alternative 2)



NEPA Section 106 Consultation on GMP

The NEPA EA for the GMP includes a Section 106 consultation designed to mitigate adverse effects to historic properties that could be caused by implementation of the GMP, Alternative 2. DHHL Planning Office staff has been participating as a consulting party in these conference calls led by NPS, and some beneficiary concerns have arisen during the discussion. There is a lot of confusion about the nature of and need for specificity in the GMP and the Programmatic Agreement being developed during

the consultation process. Beneficiaries are requesting more transparency and more outreach regarding the NPS GMP, DHHL's role in the Interagency Working Group, and more participation in planning for the long-term future of Kalaupapa.

Table 2 Summary of Kalaupapa Planning Processes & Related Beneficiary Feedback

Year	Plan / consultation Process	Summary of Beneficiary Feedback
2011	NPS GMP/ Preliminary Alternatives	Consistency with DHHL Molokai Island Plan; Support for Alternative B; Traditional and customary practices & access to resources; preference for training, employment (inc. management-level) and concessions; hunting; special access days; restrictions for overnight stays; cultural input; task force of stakeholders to provide ongoing long-term guidance; reuse of health facilities for traditional healing
2015	NPS GMP/ Preferred Alternative	Identify existing facilities that could be reused by beneficiaries; Sunset date for GMP and exit strategy for NPS; desire for beneficiary-focused stewardship of cultural resources & restoration and reuse of traditional agricultural complexes; calculate carrying capacity; reestablish traditional recreational activities; consistent outreach to topside Molokai 'ohana; remove boundary proposal adding Pelekunu and Pu'u o Hoku Ranch
2019	Change from EA to EIS	Lack of Consultation prior to change; removal of important information from EA; Comment period over Christmas; too short of a comment period.

Analysis and Next Steps

The Planning Office has received several beneficiary requests to form and start holding meetings of a Kalaupapa Stakeholder/Beneficiary Working Group with the following criteria for composition:

- Ka 'Ohana O Kalaupapa - KOOK has a 25-year history of actively working with patient residents, their 'ohana and lineal descendants of patients, as well as extensive knowledge of the history of Kalaupapa and current conditions in the Settlement.
- Beneficiaries of the HHL who are on the Molokai Island wait list. These applicants will be impacted by any decisions relating to Kalaupapa.
- Beneficiaries of the HHL who have family members buried in Kalaupapa.
- DHHL beneficiaries who have participated in the NPS General Management Plan and Section 106 Consultation processes.

The Planning Office has also received beneficiary requests to update the HHC at regular intervals as the various planning efforts discussed in this submittal proceed.

Recommendation

For information only. No action required.

MICROFILMED
MAR 17 1995
Dept. of Hawaiian Home Lands

We hereby certify that this is a true copy of the original
filed as Land Court Document No. _____
and / or recorded in the Bureau of Conveyances as
Document No. 92-188610 on
November 19, 1992 at 1:45 o'clock PM.
TITLE GUARANTY OF HAWAII, INCORPORATED
By Bonnie J. Sillett

After Recordation Return by: Mail () Pickup () To:
National Park Service, Western Region
Division of Land Resources
600 Harrison Street, Suite 600
San Francisco, California 94107-1372
TO: 241053
TGE: 921013464
GAIL MUNEOKA

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
GENERAL LEASE NO. 231
between
STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
and
THE UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Covering
HAWAIIAN HOME LANDS
Situate at
Kalaupapa, County of Kalawao, Molokai
Tax Map Key No. 6-1-01:01

COPY

ITEM G-3
EXHIBIT A

*Original needed
copy*

TABLE OF CONTENTS

	<u>Page</u>
TERM OF LEASE	1
RENTAL	2
CONTRACTS SUBJECT TO CONSENT.	2
REOPENING OF TERM	2
DETERMINATION OF RENTAL UPON REOPENING OF THE ANNUAL RENTAL	2
NON-WAIVER	3
SPECIAL PROVISIONS	4

ARTICLE ONE

RESERVATIONS

1. Mineral and waters	4
2. Prehistoric and historic remains	5
3. Withdrawal	5
4. Relocation of trail/trail head	6

ARTICLE TWO

AGREEMENTS AND COVENANTS BETWEEN PARTIES

1. Payment of rent	6
2. Utility services	6
3. Sanitation, etc.	7
4. Waste and unlawful, improper, or offensive use of premises	7
5. Compliance with laws	7
6. Inspection of premises	7
7. Improvements	7
8. Repairs to improvements	7
9. Liens	7
10. Character of use	8
11. Other uses	8
12. Assignments, etc.	8
13. Mortgage	8
14. Indemnity	8
15. Termination	9
16. Non-warranty	10

COPY

ARTICLE THREE

FURTHER AGREEMENTS

1. Breach10
2. Right to enter11
3. Acceptance of rent not a waiver11
4. Extension of time12
5. Quiet enjoyment12
6. Severability12
7. Definitions12
8. Contingent fee13
9. Benefit14

SIGNATURES14

ACKNOWLEDGEMENTS15

COPY

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
GENERAL LEASE NO. 231

THIS INDENTURE OF LEASE, made this 2nd day of September 1991,
by and between the STATE OF HAWAII, by its Department of Hawaiian Home
Lands, whose principal place of business is 335 Merchant Street, Honolulu,
Hawaii, and post office address is P. O. Box 1879, Honolulu, Hawaii 96805,
hereinafter called the "LESSOR," and the United States of America, by its
National Park Service-Western Regional Office, Department of the Interior,
whose mailing address is 600 Harrison Street, Suite 600, San Francisco,
California 94107-1372, hereinafter called "LESSEE":

W I T N E S S E T H :

THAT, the LESSOR, for and in consideration of the rent to be paid and
of the terms, covenants and conditions herein contained, all on the part of
the LESSEE to be kept, observed, and performed, does hereby demise and lease
unto the LESSEE, and the LESSEE does hereby lease and hire from the
LESSOR that certain parcel of Hawaiian home lands, comprising 1,247 acres
more or less, situate at Kalaupapa, County of Kalawao, State of Hawaii, Tax
Map Key No. 6-1-01:01, more particularly described in Exhibit "A," and shown
on Exhibits "B" and "C," outlined in yellow, all such exhibits attached hereto
and made a part hereof.

TO HAVE AND TO HOLD the demised premises unto the LESSEE for the term
of FIFTY (50) years, commencing on the 15th day of July, 1991 up to and
including the 14th day of July, 2041, unless sooner terminated as hereinafter
provided, the LESSOR reserving and the LESSEE yielding and paying to the

COPY

LESSOR at the office of the Department of Hawaiian Home Lands, Honolulu, Oahu, State of Hawaii, the rental as provided hereinbelow.

1. Rental. The lease rental for the first five (5) years shall be the lump sum of ONE MILLION FOUR HUNDRED NINETY-ONE THOUSAND FIVE HUNDRED DOLLARS (\$1,491,500.00) based on the annual rental of three hundred twenty-five thousand dollars (\$325,000.00) discounted to present value. The lump sum payment shall be due and payable on or before October 15, 1992. Thereafter, beginning with the sixth year of the lease, the lease rental shall be due and payable in quarterly installments on or before the 15th day of January, April, July and October, each and every year during said term.
2. Contracts subject to consent. LESSEE shall not enter into concession contracts, permits, or commercial licenses, without the prior written consent of the LESSOR.
3. Reopening of term. The rental hereinabove reserved shall be reopened and redetermined at the expiration of the fifth (5th), tenth (10th), fifteenth (15th), twentieth (20th), twenty-fifth (25th), thirtieth (30th), thirty-fifth (35th), fortieth (40th), and forty-fifth (45th) years of the lease term, in accordance with the procedure prescribed in paragraph 4 below.
4. Determination of rental upon reopening of the annual rental. The rental for each period to be reopened and redetermined shall be the fair market rental based on the highest and best use at the time of reopening without regard to the provisions of Public Law 96-565, as amended. At least six months prior to the time of reopening, the fair market rental shall be determined by an independent appraiser whose services shall be contracted for by the LESSOR at LESSEE'S cost; provided, that should the LESSEE fail to agree upon the fair market rental as determined by the LESSOR'S appraiser, the LESSEE shall promptly appoint its own appraiser and give written notice thereof to the LESSOR, and in case the LESSEE shall fail to do so within thirty (30) days after being advised of the fair market rental as determined by the LESSOR'S appraiser, the

LESSOR may apply to any person then sitting as judge of the Circuit Court of the judicial circuit in which the demised premises are located for appointment of a second appraiser, and the two appraisers thus appointed in either manner shall appoint a third appraiser, and in case of their failure to do so within thirty (30) days after appointment of the second appraiser, either party may have the third appraiser appointed by such judge and the fair market rental shall be determined by arbitration as provided in Chapter 658, Hawaii Revised Statutes. The decision of the appraisers or a majority of them shall be final, conclusive and binding upon both parties hereto. The appraisers so appointed shall deliver their determination before the sixtieth (60th) day following appointment of the third appraiser, and, in the event they shall fail to do so and the time for delivery of such determination shall not have been extended by mutual agreement of the LESSOR and the LESSEE, the employment of the appraisers shall immediately terminate and, except as may be approved by the LESSOR and the LESSEE in the exercise of their sole and absolute discretion with respect thereto, the appraisers shall not be entitled to any payment for services or reimbursement of expenses incurred because of such appointment. In the event the employment of the appraisers shall be so terminated, new appraisers shall be appointed in the manner hereinbefore provided. The LESSEE shall pay for its own appraiser, the LESSOR shall pay for its appraiser, and the cost of the third appraiser shall be borne equally by the LESSEE and the LESSOR. Upon completion of the arbitration procedure, all appraisal reports shall become part of the public record of the LESSOR. If the rental for any ensuing period has not been determined prior to the expiration of the preceding rental period, the LESSEE shall continue to pay the rent effective for the previous rental period, but the LESSEE shall, within thirty (30) days after the new rental has been so determined, make up the deficiency, if any.

5. Non-waiver. Nothing herein contained shall be construed as being a waiver of any rights, duties, or obligations belonging unto the

LESSOR relating to any accrued back rentals due from the use of the demised premises.

6. Special provisions.

- a. Any future appraisal conducted for the purpose of a land exchange authorized by Section 104 of Public Law 96-565, shall be based on the demised premises being vacant and available for development to its highest and best use, without regard to the provisions of Public Law 96-565, as amended.
- b. If there is no longer a patient residing at said premises, the fair market rental shall be reopened and redetermined based on the demised premises being vacant and available for development to its highest and best use, without regard to the provisions of Public Law 96-565, as amended.
- c. The parties understand and agree that if funds are not appropriated by the date lease rental is due, any outstanding balance owed the LESSOR shall accrue interest at the rate allowed by federal law, which interest will be payable when authorized by Congress.

ARTICLE ONE

RESERVING UNTO THE LESSOR THE FOLLOWING:

1. Minerals and waters.

- a. All minerals as hereinafter defined, in, on, or under the demised premises, and the right, on its own behalf or through persons authorized by it, to prospect for, mine and remove such minerals and to occupy and use so much of the surface of the ground as may be required for all purposes reasonably extending to the mining and removal of such minerals by any means whatsoever, including strip mining. "Minerals," as used herein, shall mean any or all oil, gas, coal, phosphate, sodium, sulphur, iron, titanium, gold, silver, bauxite, bauxitic clay, diaspore, boehmite, laterite, gibbsite, alumina, all ores of

aluminum and, without limitation thereon, all other minerals substances and ore deposits, whether solid, gaseous or liquid, including all geothermal resources, in, on, or under the land; provided, that "minerals" shall not include sand, gravel, rock, or other material suitable for use and when used in road construction in furtherance of the LESSEE's permitted activities on the demised premises and not for sale to others.

- b. All surface waters, ground waters, and water systems appurtenant to the demised land and the right on its own behalf or through persons authorized by it, to capture, divert, or impound the same and to occupy and use so much of the demised premises as may be required in the exercise of this right reserved.
 - c. As a condition precedent to the exercise by the LESSOR of any rights reserved in this paragraph 1, just compensation shall be paid to the LESSEE for any of the LESSEE's improvements taken which amount is to be determined in the manner set forth in paragraph 3, and, if only a portion of the land leased is withdrawn, the rental will be reduced in proportion to the rental value of the land withdrawn.
2. Prehistoric and historic remains. All prehistoric and historic remains found on the demised premises.
 3. Withdrawal. Pursuant to Section 204(a)(2) of the Hawaiian Homes Commission Act, 1920, as amended, the LESSOR shall have the right to withdraw from the operation of this lease all or any portion of the demised land for the purposes of the Hawaiian Homes Commission Act. The LESSEE shall not be entitled to any compensation for improvements, if any, already erected on the lands hereby demised. The LESSEE shall be entitled to compensation for those improvements hereafter made by the LESSEE which have been approved by the LESSOR, in accordance with Article Two, Paragraph 7, titled Improvements, of this agreement on any land withdrawn, in an amount equal to the proportionate value of the LESSEE'S improvements so withdrawn in the proportion that it bears to the unexpired term of the lease; provided, that the LESSEE may, in the alternative,

remove or relocate its improvements to the remainder of the demised premises occupied by the LESSEE. The LESSOR shall give LESSEE five (5) years withdrawal notice prior to any withdrawal. Prior to issuing the notice of withdrawal, the State of Hawaii, Department of Health and the patients of Kalaupapa shall be provided an opportunity to submit their concerns within thirty (30) days. Final decision to withdraw lies with the Hawaiian Homes Commission. No further improvements shall be allowed to be constructed upon any lands for which withdrawal notice has been given. If only a portion of the demised land is withdrawn, the rental for the remaining portion will be reduced in proportion to the rental value of the land withdrawn. Such withdrawal shall be subject to the provision of Section 105(b)(2) of Public Law 96-565.

4. Relocation of trail/trail head. The right to relocate the trail and/or trail head at no cost to the LESSEE, providing that if the relocated trail/trail head lies wholly on Hawaiian Home Lands, the public and the LESSEE shall be guaranteed free access to the National Historical Park via said trail.

ARTICLE TWO

THE PARTIES HEREIN COVENANT AND AGREE AS FOLLOWS:

1. Payment of rent. That the LESSEE shall pay said rent to the LESSOR, at the time, in the manner and form aforesaid, and at the place specified above, or to such other place as the LESSOR may from time to time designate, in legal tender of the United States of America.
2. Utility services. That the LESSEE shall pay when due all charges, duties and rates of every description, including water, sewer, gas, refuse collection or any other charges, as to which said demised premises, or any part thereof, or any improvements thereon or the LESSOR or the LESSEE in respect thereof may during the term become liable, whether assessed to or payable by the LESSOR or the LESSEE.

COPY

3. Sanitation, etc. That the LESSEE shall keep the demised premises and improvements in a strictly clean, sanitary, and orderly condition.
4. Waste and unlawful, improper, or offensive use of premises. That the LESSEE shall not strip or commit, suffer or permit to be committed any waste, or nuisance, or unlawful, improper or offensive use of the demised premises, or any part thereof.
5. Compliance with laws. That the LESSEE shall comply with all of the requirements of all municipal, state, and federal authorities and observe all municipal ordinances and state and federal statutes, pertaining to the premises, now in force or which may hereinafter be in force.
6. Inspection of premises. That the LESSEE will permit the LESSOR and its agents, at all reasonable times during the term, to enter the demised premises and all improvements thereon and examine the state of repair and condition thereof.
7. Improvements. That the LESSEE shall not at anytime during the term, construct, place, and install on the demised premises any building, structure or improvement of any kind and description whatsoever except with the prior written consent of the LESSOR and upon such conditions as the LESSOR may impose, unless otherwise provided herein. The LESSEE may make minor nonstructural alterations without the LESSOR's consent.
8. Repairs to improvements. That, subject to the availability of funds in future year's appropriations, the LESSEE shall keep, repair, and maintain all buildings and improvements now existing or hereafter constructed or installed on the demised premises in good order, condition and repair, reasonable wear and tear excepted. State of Hawaii, by its Department of Health, may repair or expand all existing improvements as deemed necessary for the continuation of the existing uses of such improvements for the care and treatment of persons affected with Hansen's disease.
9. Liens. That the LESSEE will not commit or suffer any act or neglect whereby the demised premises or any improvement thereon or

- the estate of the **LESSEE** therein shall at anytime during the term become subject to any judgment, attachment, lien, charge, or encumbrance whatsoever, except as hereinafter provided.
10. Character of use. That the **LESSEE** shall use the premises hereby demised solely as an integral part of the Kalaupapa National Historical Park established by Public Law 96-565 and for the purposes expressed therein.
 11. Other Uses. Native Hawaiians, hereafter, will be given preference (second right of refusal) in the use of the premises to provide revenue-producing visitor services after patients have exercised their first right of refusal. The **LESSEE** may permit the continual use of the demised premises by State of Hawaii agencies, religious organizations, and others currently occupying said premises.
 12. Assignments, etc. Except as hereinafter provided, the **LESSEE** shall not transfer, assign, or permit any other person to occupy or use the premises or any portion thereof, or transfer or assign this lease or any interest therein, either voluntarily or by operation of law, without the prior written approval of the **LESSOR**. The **LESSEE** may sublease, assign, or permit other persons to occupy or use the said premises or any portion thereof in order to carry out the purposes and provisions of Public Law 96-565 which established Kalaupapa National Historical Park and other laws relating to the administration and management of U.S. National Parks; provided that preference shall be given to Native Hawaiians in the use of said premises to provide revenue-producing visitor services after patients have exercised their first right of refusal.
 13. Mortgage. That, except as provided herein, the **LESSEE** shall not mortgage, hypothecate, or pledge the demised premises or any portion thereof of this lease or any interest therein without the prior written approval of the **LESSOR** and any such mortgage, hypothecation, or pledge without such approval shall be null and void.
 14. Indemnity. Pursuant to the Federal Tort Claims Act, as amended (28 U.S.C. 2671, et seq.), the **LESSEE** will diligently process all

COPY

claims for compensatory money damages for damage to, or loss of, property or personal injury or death occurring on the lands covered by this agreement caused by the negligent or wrongful act or omission of any employee of the **LESSEE** while acting within the scope of his office or employment under circumstances where the **LESSEE**, if a private person, would be liable in accordance with the laws of the place where the act or omission occurred.

Where a suit arising out of any aforesaid damage to, or loss of, property or injury or death is filed against the **LESSOR** in State Court, the **LESSEE** when requested by the **LESSOR**, will cooperate by requesting that the U. S. Attorney seek removal of said suit to the U. S. District Court and defend said suit. The **LESSEE** will pay any damage where it is determined that the damage to, or loss of, property or personal injury or death occurring on the lands covered by this agreement was caused by the negligent or wrongful act or omission of any employee of the **LESSEE** while acting within the scope of his office or employment under circumstances where the **LESSEE**, if a private person, would be liable in accordance with the laws of the place where the act or omission occurred, as provided in the Federal Tort Claims Act.

Further, the **LESSEE** agrees that the use of the land by its employees and volunteers in the park shall be effected with all reasonable diligence and precaution to avoid damage to the land, property, or personnel of the **LESSOR** (see 28 U.S.C. 1491).

15. Termination.

- a. That upon the natural expiration of this lease, the **LESSEE** shall peaceably deliver unto the **LESSOR** possession of the demised premises, and the improvements thereon shall become the property of **LESSOR** unless **LESSEE** desires to remove such capital improvements and restore the property to its natural state within a reasonable time.
- b. Should **LESSOR**, for any reason other than for breach of the condition of this lease, terminate this lease prior to its natural expiration, **LESSOR** shall be liable to the **LESSEE** in

COPY

an amount equal to the fair market value of any capital improvements made to or placed upon the demised land, consented to by the LESSOR, such value to be determined as of the date of such termination, or, at the election of the Secretary of the Interior, that the Secretary be permitted to remove such capital improvements within a reasonable time of such termination. As to any other improvements made to or placed upon the demised land the construction of which was consented to by the LESSOR, the LESSEE shall be compensated in an amount equal to the proportionate value of the LESSEE'S improvements in the proportion that it bears to the unexpired term of the lease.

c. The LESSEE may terminate this lease, in whole or in part, at any time by giving a one (1) year termination notice in writing to the LESSOR, and no rental shall accrue after the effective date of termination. Said notice shall be computed commencing with the day after the date of the mailing. As a condition of termination under this paragraph, LESSEE agrees it will continue to pay proportional annual rent until such time as it removes all capital improvements owned by the LESSEE or after a six (6) month period following such termination, the LESSOR takes ownership of the improvements.

16. Non-warranty. The LESSOR does not warrant the conditions of the leased premises, as the same is being leased as is; and further, LESSOR does not warrant access to the demised premises, except as heretofore provided in Article One, paragraph four.

ARTICLE THREE

IT IS HEREBY UNDERSTOOD AND AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

1. Breach. That time is of the essence of this agreement and if the LESSEE shall fail to yield to pay such rent or any part thereof at the times and in the manner aforesaid, or shall abandon the said premises, or if this lease and the premises shall be attached or

otherwise be taken by operation of law, or shall fail to observe and perform any of the covenants, terms and conditions therein contained and on its part to be observed and performed, and such failure shall continue for a period of more than sixty (60) days after delivery by the LESSOR of a written notice of such breach or default by service, as provided by Sections 634-35 or 634-36, Hawaii Revised Statutes, or by registered mail, or certified mail to the LESSEE at its last known address, and to each mortgagee or holder of record having a security interest in the demised premises, the LESSOR may, subject to the provisions of Section 171-21, Hawaii Revised Statutes, at once re-enter the demised premises or any part thereof, and upon or without such entry, at its option, terminate this lease without prejudice to any other remedy or right of action for arrearage of rental and interest at the legal rate allowed by federal law, or for any preceding or other breach of contract; and in the event of such termination, all buildings and improvements thereon shall remain and become the property of the LESSOR.

2. Right to enter. The LESSOR or the county and the agents or representatives thereof shall have the right to enter and cross any portion of the demised land for the purpose of performing any public or official duties; provided, however, in the exercise of such rights, the LESSOR or the county shall not interfere unreasonably with the LESSEE or the LESSEE's use and enjoyment of the premises.
3. Acceptance of rent not a waiver. That the acceptance of rent by the LESSOR shall not be deemed a waiver of any breach by the LESSEE of any term, covenant, or condition of this lease, nor of the LESSOR's right to re-entry for breach of covenant, nor of the LESSOR's right to declare and enforce a forfeiture for any such breach, and the failure of the LESSOR to insist upon strict performance of any such term, covenant, or condition, or to exercise any option herein conferred, in any one or more instances, shall not be construed as a waiver or relinquishment of any such term, covenant, condition, or option.

COPY

4. Extension of time. That notwithstanding any provision contained herein to the contrary, wherever applicable, the LESSOR may for good cause shown, allow additional time beyond the time or times specified herein to the LESSEE, in which to comply, observe, and perform any of the terms, conditions, and covenants contained herein.
5. Quiet enjoyment. The LESSOR hereby covenants and agrees with the LESSEE that upon payment of the rent at the times and in the manner aforesaid and the observance and performance of the covenants, terms, and conditions hereof on the part of the LESSEE to be observed and performed, the LESSEE shall and may have, hold, possess, and enjoy the demised premises for the term hereby demised, without hindrance or interruption by the LESSOR and as against the lawful acts of third parties and as against the acts of all other parties claiming title to, or a right to possession of the leased premises, except that the use of the demised premises by the LESSEE shall be limited and restricted by the continuation of the existing uses of the premises as a facility for the care and treatment of persons affected with Hansen's disease under the full and complete governance of the Director of Health pursuant to Chapter 326, Hawaii Revised Statutes; and further limited by the present ownership and/or use of all buildings and improvements by parties other than either the LESSOR or the LESSEE.
6. Severability. If any term or provision of this lease or the application thereof to any person or circumstance shall, to any extent, be determined by judicial order or decision to be invalid or unenforceable, the remaining provisions of this lease or the application of such terms or provisions to persons or circumstances other than those as to which it is held to be invalid or unenforceable shall not be affected thereby, and such other terms or provisions of the lease not affected by the decision or order shall be valid and shall be enforced to the fullest extent permitted by law.
7. Definitions. As used herein, unless clearly repugnant to the context:

COPY

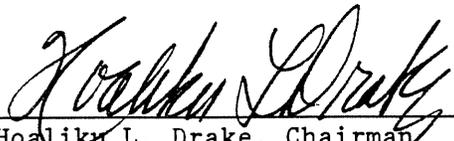
- a. "Chairman" shall mean the Chairman of the Hawaiian Homes Commission, Department of Hawaiian Home Lands of the State of Hawaii or his successor.
 - b. "Holder of a record of a security interest" is a person who is the owner or possessor of a security interest in the land demised and who has filed with the Department of Hawaiian Home Lands and with the Bureau of Conveyances of the State of Hawaii a copy of such interest.
 - c. "Lessee" shall mean and include the LESSEE herein, successors, or permitted assigns, according to the context hereof.
 - d. "Premises" shall be deemed to include the land hereby demised and all buildings and improvements now or hereinafter constructed and installed thereon.
 - e. "Native Hawaiian" shall mean any descendant of not less than one-half part of the blood of the races inhabiting the Hawaiian Islands previous to 1778.
 - f. "Patient" shall mean any person affected with Hansen's disease whose name is on the Kalaupapa registry and who is still on the registry maintained by the Department of Health.
 - g. The use of any gender shall include all genders, and if there be more than one, then all words used in the singular shall extend to and include the plural.
 - h. The paragraph headings throughout this lease are for the convenience of the LESSOR and the LESSEE and are not intended to construe the intent or meaning of any of the provisions thereof.
8. Contingent fee. The LESSOR warrants that no person or selling agency has been employed or retained to solicit or secure this lease upon an agreement or understanding for a commission, brokerage, percentage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by the LESSOR for the purpose of securing business. For breach or violation of this warranty, the LESSEE shall have the right to annul this lease without liability, or in its discretion to deduct

from amounts otherwise due under this lease or other consideration, the full amount of such commission, brokerage, percentage, or contingent fee.

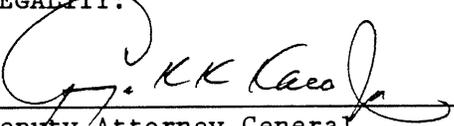
9. Benefit. No member of Congress or Resident Commission shall be admitted to any share or part of this lease, or to any benefit to arise therefrom. Nothing, however, herein contained, shall be construed to extend to any incorporated company if the lease be for the general benefit of such corporation or company.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed as of the day and year first above written.

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

By 
Hoaliku L. Drake, Chairman
Hawaiian Homes Commission

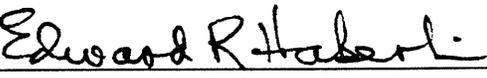
APPROVED AS TO FORM AND
LEGALITY:


Deputy Attorney General
State of Hawaii

Dated 9/8/92

LESSOR

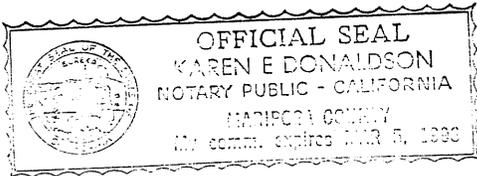
UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

By 
Edward R. Haberlin, Chief
Division of Land Resources
Western Region

LESSEE

STATE OF CALIFORNIA)
) : SS
COUNTY OF SAN FRANCISCO)

On this 31 day of AUGUST, 19 92, before me personally appeared Edward R. Haberlin, to me personally known, who, being by me duly sworn, did say that he is the Chief, Division of Land Resources of the National Park Service, Western Region, United States of America, Department of the Interior, and the person described in and who executed the foregoing instrument and acknowledged that he executed the same freely and voluntarily for the use and purposes therein set forth.



Karen E. Donaldson
Notary Public
My Commission expires: 3-5-93

COPY

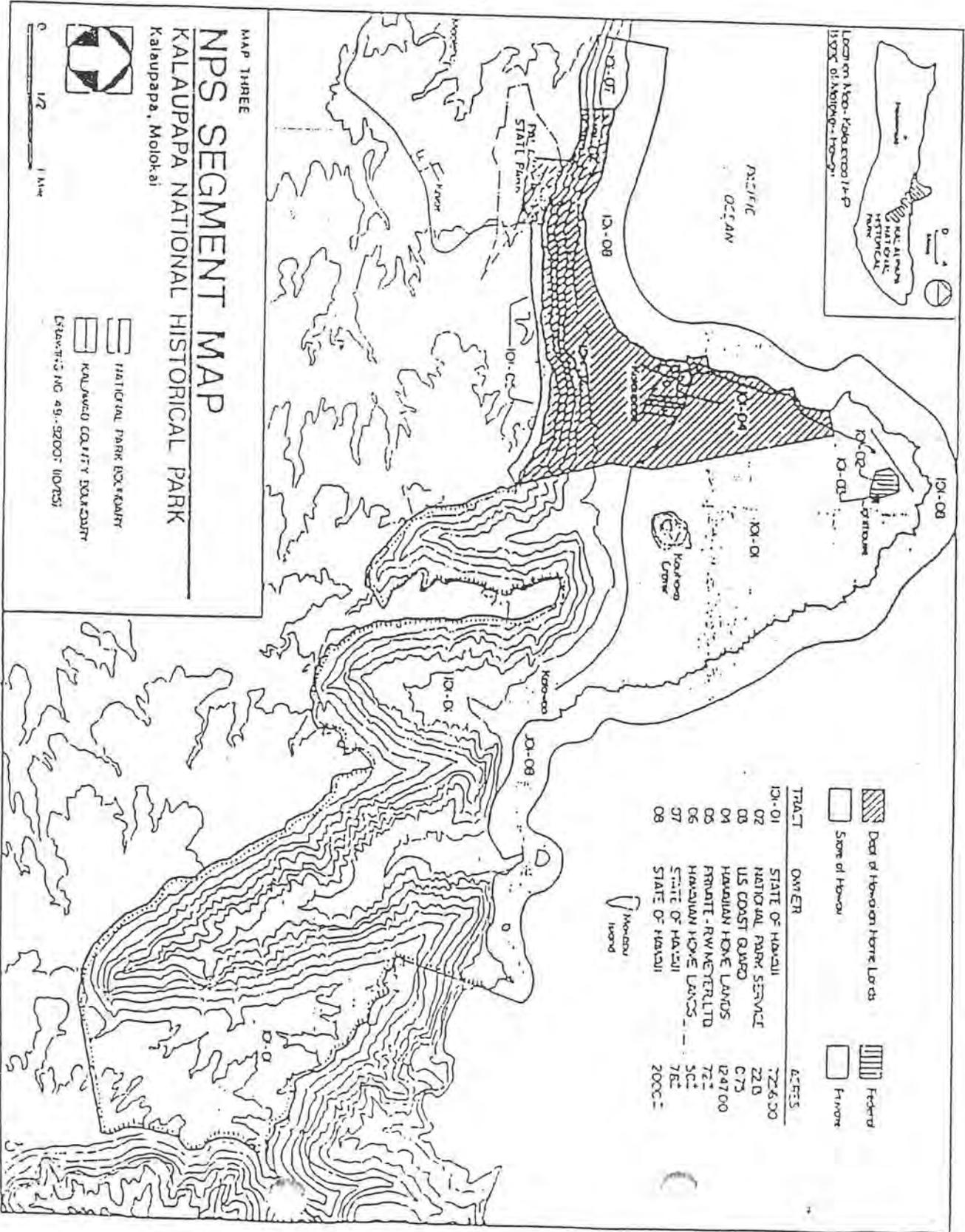


TABLE 1 SCOPE OF WORK. Responsibility for Kalaupapa Functions, as and if National Park Service appropriations become available.

<u>HAWAII DEPARTMENT OF HEALTH WILL CONTINUE THESE FUNCTIONS</u>	<u>NATIONAL PARK SERVICE WILL GRADUALLY ASSUME THESE FUNCTIONS (in interim until funds are appropriated, function will be by existing responsible party</u>	<u>OTHER ORGANIZATION OR INDIVIDUAL WILL CONTINUE THESE FUNCTIONS</u>
Patient health care: All medical nursing functions, social services	Operate/maintain water distribution system 1/	Operate/maintain airport, grounds, terminal -- State Dept of Transportation
Administer functions related to medical service; i.e., operate infirmary, records	Maintain road	Operate/maintain Molokai Lighthouse -- U. S. Coast Guard
Patient food preparation, service, kitchen	Maintain electric distribution system 1/	Telephone systems and distribution -- Hawaiian Telephone
Maintain infirmary, hospital	Maintain electric transmission lines to topside	Operate/maintain churches and related structures, grounds -- individual parishes
Patient health benefits: Renovation of and addition to patient housing (interior only) based on medical need. Renovation and addition based on history -- NPS responsibility	Operate gasoline storage	Law enforcement of State Statutes and Regulations -- Kalawao County Sheriff (may be assisted by deputized Park Rangers)
Visitor permits under H.R.S. paragraph 326-26, non-profit patient store	Stabilize and preserve public owned National Register historic structures	Minor maintenance of residences and residential grounds -- individual occupants
Manage visitor and tour capacities	Assist private and church owners to preserve National Register historic structures	Kalaupapa Wharf -- State Department of Transportation
Library	Maintain old cemeteries	Maintain mule trail from Palaaau -- mule concessioner
Administer concession contracts	Preserve archeological sites	Patient bar -- owner
Medical nursing; social services	Install/maintain interpretive structure at Palaaau	
Cattle ranching	Maintain public grounds	
Visitor quarters	Operate sanitary land fill	
Monitor water; quality food services	Advise and assist in enforcing applicable NPS regulations	
Barge scheduling	Exterior and major repairs of patient houses	
	Fire suppression	
	1/ To. but not within.	

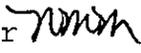
STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

JUNE 15-16, 2015

To: Chairman and Members, Hawaiian Homes Commission (HHC)

Through: Kaleo Manuel, Acting Planning Program Manager 

From: Nancy McPherson, Planner 

Subject: For Information Only - Status of Beneficiary Consultation, National Park Service Draft General Management Plan for Kalaupapa National Historic Park, Kalaupapa, Kalawao and Pālā'au, Moloka'i

RECOMMENDED MOTION/ACTION

None; for information only.

DISCUSSION

Background

At the request of the Hansen's disease patients there, Kalaupapa was established as a National Historic Park (NHP) in 1980. The National Park Service initiated a planning process to develop a General Management Plan (GMP) for Kalaupapa NHP in 2009, with a public scoping phase. The GMP describes the general path that the National Park Service intends to follow in managing Kalaupapa over the next 15-20 years. The DHHL Planning Office engaged with the National Park Service early on in the planning process, and a Beneficiary Consultation on the NPS Preliminary Alternatives was conducted in late June 2011. An informational workshop for the HHC was held during its regularly scheduled meeting on August 15, 2011. All comments were compiled and analyzed, and a formal comment letter from DHHL on the Preliminary Alternatives and other issues related to the GMP and DHHL and the beneficiaries' relationship with NPS was submitted to the National Park Service on September 27, 2011. (See Exhibit A)

After some delay and the appointment of a new Park Superintendent, the NPS' planning process resumed in April 2015

ITEM G-1
ITEM G-3
EXHIBIT C

with issuance of the Draft GMP, which describes the Preferred Alternative for management, Alternative C. This status report provides an update to the HHC on the Planning Office's continued efforts to consult with beneficiaries on the Draft GMP and the NPS' timeline for its planning process moving forward. A formal Beneficiary Consultation report is in preparation and will be submitted to the HHC for acceptance in the near future.

Beneficiary Consultation

STEP 1. THE PROPOSED ACTION IS DESCRIBED:

In this case, the Beneficiary Consultation (BC) is intended to elicit comments on the actions of another agency (NPS), which has a long term lease for Hawaiian Home Lands on the Kalaupapa Peninsula as well as for a small area at the top of the cliff in Pālā'au, the Kalaupapa Overlook area, totaling 1,247 acres. Two consultation meetings were held on "topside" Molokai on May 26 and May 27, 2015. A slide presentation was prepared to describe the NPS' proposed action and the comments and concerns of beneficiaries that had been expressed to date. Handouts were also provided at the meetings that provided more detailed information, including copies of DHHL's lease with NPS.

STEP 2. BENEFICIARIES WERE NOTIFIED OF OPPORTUNITIES TO CONSULT (See Exhibit B):

A letter inviting Moloka'i beneficiaries to attend the May 26 and 27, 2015 BC meetings in Hoolehua and Kalamaula, Molokai was mailed out on May 12, 2015. A total of 1,618 letters were mailed to both applicants and lessees.

STEP 3. PRESENTATION MATERIALS FOR ALL MEETINGS ARE AVAILABLE FOR FEEDBACK (See Exhibit C):

Presentation materials in the form of a powerpoint handout and a copy of the Sept. 27, 2011 DHHL letter to NPS were available at the BC meetings and have been posted to the DHHL Beneficiary Consultation website. A link to the NPS Kalaupapa Draft GMP webpage has also been provided.

STEP 4: COMMENTS ARE COMPILED INTO MEETING REPORTS:

A formal Beneficiary Consultation report is in preparation and will be submitted to the HHC and posted on the DHHL website for the July HHC meeting.

Summary of Beneficiary Consultation Comments and Staff Recommendations

Meeting notes are being provided for your information (See Exhibits D and E). The comment deadline given to beneficiaries at the meetings was June 25, 2015.

CONCLUSION AND NEXT STEPS

The National Park Service has made some effort to consider and respond to comments from beneficiaries and DHHL in the Draft GMP. However, there still are some significant comments that have not yet been clearly addressed or responded to. The NPS has graciously allowed DHHL to have additional time to conduct Beneficiary Consultation on the Draft GMP and will accept comments from DHHL until July 8, 2015. A formal comment letter will be drafted and submitted to NPS by that date.

RECOMMENDED MOTION / ACTION

None; for information only.

NEIL ABERCROMBIE
GOVERNOR
STATE OF HAWAII



STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

P. O. BOX 1879
HONOLULU, HAWAII 96895

ALBERT "ALAPAKI" NAHALE-A
CHAIRMAN
HAWAIIAN HOMES COMMISSION
MICHELLE K. KAUHANE
DEPUTY TO THE CHAIRMAN
M. WAIALEALE SARSONA
EXECUTIVE ASSISTANT

September 27, 2011

Mr. Steve Prokop
Superintendent
Kalaupapa National Historic Park
P.O. Box 2222
Kalaupapa, HI 96742

Aloha Superintendent Prokop:

Subject: Department of Hawaiian Home Lands Comments on
Preliminary Alternatives, Kalaupapa General
Management Plan

Mahalo for the opportunity to provide comments on the
Preliminary Alternatives identified as part of Kalaupapa
National Historic Park's General Management Plan.

The Department of Hawaiian Home Lands (DHHL) owns
approximately 1,247 acres of land in Kalaupapa, which
encompasses the settlement area along the peninsula and
portions of the cliffs. We currently have a 50 year lease
(expiring in 2041) with the National Park Service (NPS) at an
annual lease payment of \$230,000.00.

As landowners, DHHL intends to work with NPS and participate
in its long range planning and management efforts for our
lands in Kalaupapa. DHHL understands that there are various
opportunities and constraints that exist in Kalaupapa, such
as:

- Perpetuating the legacy of Kalaupapa
- Respecting and honoring the patient community
- Protecting significant cultural and natural resources

ITEM G-1

EXHIBIT A

- Recognizing the impact of canonization of Father Damien & beatification of Mother Marian Cope
- NPS interest in long term perpetuation of area
- Limited access by trail, plane, and barge
- Expensive maintenance, improvement, and new development costs
- Multi-jurisdictional management of Kalaupapa

The Preliminary Alternatives do a good job at addressing these opportunities and constraints, but after conducting Beneficiary Consultation meetings on Moloka'i and discussions with DHHL staff related to the proposed preliminary alternatives, the DHHL has these comments to offer:

MOLOKA'I ISLAND PLAN

1. The Department developed the Moloka'i Island Plan in 2005 that identifies two (2) areas (3.5 acres each) in Kalaupapa for Community Use (see attached map). DHHL recommends that the preferred alternative identify these community use areas as gathering places for cultural practices and access of native Hawaiians.
2. Identify potential existing facilities within these areas for adaptive reuse to serve the functions listed above.
3. These areas could be licensed to an organization of native Hawaiian patients or our Homestead Association(s) to manage and operate.

ACTIONS COMMON TO ALL ALTERNATIVES

1. Resources

- Continue to hire, train, and provide internships to engage native Hawaiians in resource management efforts
- Work with native Hawaiian schools and students (Moloka'i Schools, Kamehameha Schools, Hawaiian Immersion and Charter Schools) to provide educational experiences and opportunities in Kalaupapa

2. *Traditional Collection, Hunting, and Fishing*

- Allow for native Hawaiian gathering/access in Kalaupapa

3. *Visitor Experience*

- Identify a special access (2-3 days/weekend) period, determined by resources, to allow exclusive native Hawaiian access to Kalaupapa, while still enforcing cap of 100 visitors per day.

4. *Concessions*

- Ensure native Hawaiian preference on all concessions, contracts for goods and services, and commercial uses at Kalaupapa

5. *Facilities, Access, Transportation*

- Allow native Hawaiians preference for access/transportation via mule, foot, trail, plane, boat
- There is no mention of long term use of facilities, access, and transportation. Management, operations, and jurisdiction of these resources needs to be further defined.

6. *Management Structure, Partnerships and Agreements*

- Develop a task force made up of landowners, stakeholders, and community leaders to determine best long term management options
- Once last patient passes, explore potential utilization of health facilities for rehabilitation, kūpuna assisted living, or health care programs since facilities already exist

PRELIMINARY ALTERNATIVE SUPPORTED BY DHHL

Preliminary **Alternative B** seems to support the short and long term desires of patients, beneficiaries, and Department staff

related to the management of Kalaupapa with a few additions and edits:

- Kalaupapa is a Special Hawaiian Place. All components (resource management, cultural resources, natural resources, marine resources and fishing, traditional collection and hunting, visitor use, interpretation and education, facilities, access and transportation, concessions and commercial uses, etc.) of any alternative needs to highlight the benefits and inclusion of native Hawaiian people, history, culture.
- As a Hawaiian place, stewardship and access to natural and cultural resources is essential to our beneficiaries and native Hawaiian communities to protect and preserve cultural practices, traditions, and protocols. Please incorporate a unique native Hawaiian stewardship component for both individuals and groups into Preliminary Alternative B.
- Hire native Hawaiian Cultural Consultants made up of cultural practitioners and residents of Kalaupapa or Moloka'i to properly advise NPS on management initiatives with a "native Hawaiian lens"
- Enforce the visitor cap of 100 people per day to restrict general public, but ensure native Hawaiian preference on access.
- In the long term, allow for overnight visitation to stewardship individuals or groups only.
- Work with DHHL beneficiary community and the Department to establish a visitor information and cultural facility at Pālā'au State Park
- Long term use of facilities, primarily houses, should be investigated for potential DHHL residential uses, possibly homesteading
- Include as part of education, interpretation, and outreach, pre-settlement native Hawaiian history by hiring native Hawaiian cultural practitioner guides or previous native Hawaiian residents of Kalaupapa
- Provide management level job opportunities for native Hawaiians
- Develop a Sustainable Kalaupapa Community

Superintendent Steve Prokof
September 27, 2011
Page 5 of 5

We thank you for the opportunity to provide comment.
Kalaupapa is a special place that must be cared for by the
Department, our beneficiaries, and all of Hawai'i.

If there are any questions you can contact Mr. Kaleo Manuel of
our Planning Office at 620-9485 or by email at
Kaleo.L.Manuel@hawaii.gov.

Me ke aloha,



 Albert "Alapaki" Nahale-a, Chairman
Hawaiian Homes Commission

Attachment

cc: Commissioner Tancayo, Molokai
DHHL Molokai District Office

ITEM G-1

EXHIBIT A

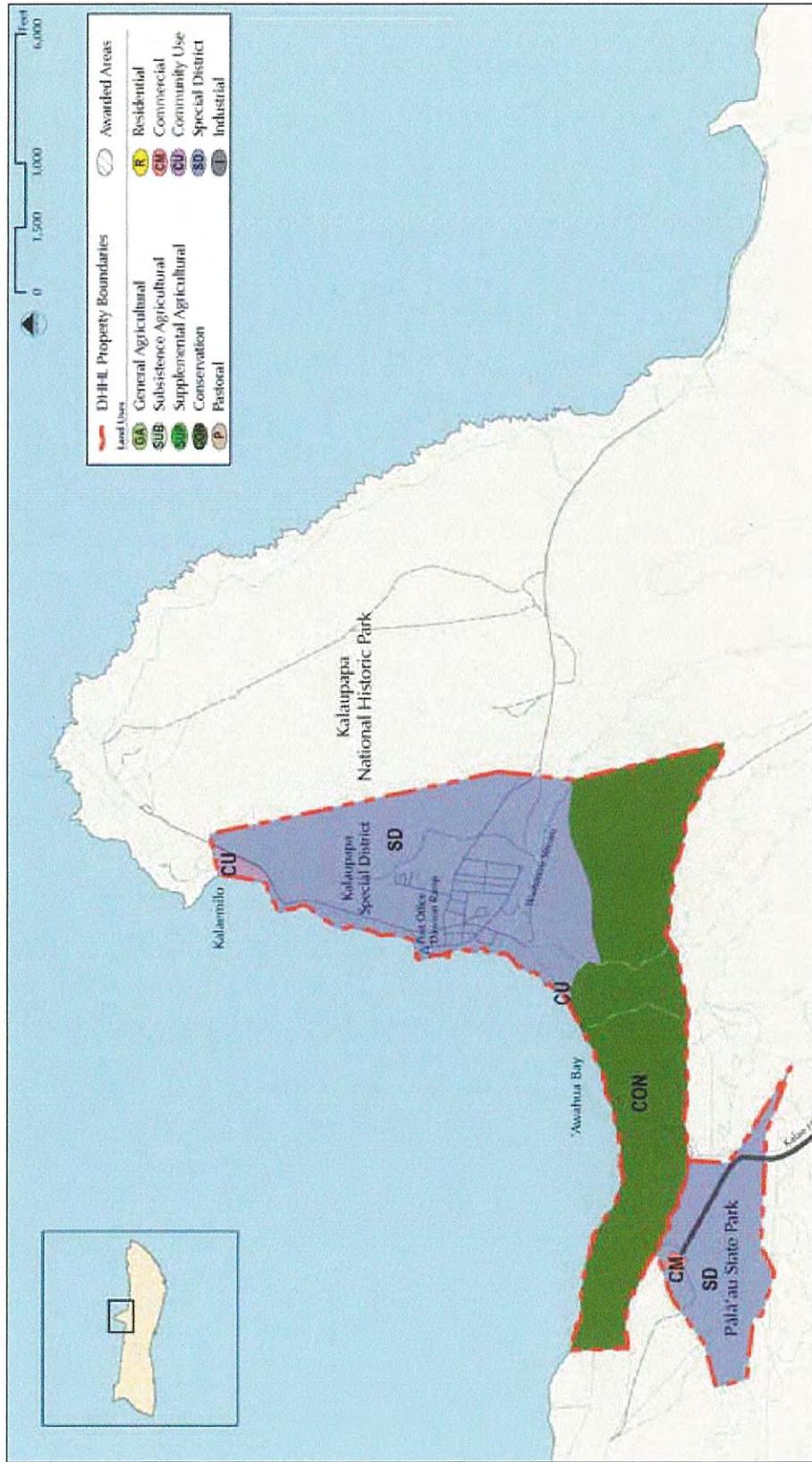


Figure ES.6 - Kalaupapa and Pāla'au (Apāna 3) Preferred Land Use Plan



DAVID Y. IGE
GOVERNOR
STATE OF HAWAII



JOBIE M. K. MASAGATANI
CHAIRMAN
HAWAIIAN HOMES COMMISSION

SHAN S. TSUTSUI
LT. GOVERNOR
STATE OF HAWAII

WILLIAM J. AILA, JR.
DEPUTY TO THE CHAIRMAN

**STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS**

P. O. BOX 1879
HONOLULU, HAWAII 96805

May 11, 2015

Aloha Molokai Beneficiaries,

The Kalaupapa National Park Service (NPS) has just conducted a series of public meetings on the islands of Molokai, Maui and Oahu to get input from the community on the Kalaupapa Draft Management Plan and Environmental Impact Statement (Kalaupapa Draft GMP/EIS) that examines four possible management strategies, called "alternatives," for both the short term and long term futures of Kalaupapa.

For more information and to download the Kalaupapa Draft GMP/EIS and NPS newsletter, please visit the following website:

<http://parkplanning.nps.gov/projectHome.cfm?projectID=24883>

As the landowner, DHHL is seeking your manao on the Kalaupapa Draft GMP/EIS and their preferred alternative. It is important for all of us to give proper guidance and vision to protect and preserve Kalaupapa.

Our Planning Office will be holding a Beneficiary Consultation meeting to talk story and get comments from you on:

**May 26, 2015
(Tuesday)
Lanikeha Community Center
6:00 p.m. – 8:00 p.m.**

On the following day, May 27, 2015, planning staff will be at DHHL's office at Kulana Oihi from 9:00 a.m. to 12:00 p.m. to give beneficiaries another opportunity to talk story about Kalaupapa, provide comments, and to share their manao.

ITEM G-1

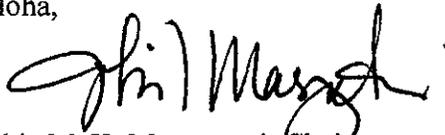
EXHIBIT B

Molokai Beneficiaries
May 11, 2015
Page 2

I know we are all busy, but please try to make time to attend this important meeting. If there are any questions, please feel free to contact Kaleo Manuel in our Planning Office at 808-620-9485 or by email at kaleo.l.manuel@hawaii.gov. For additional information, you can also visit our website at:

<http://dhh1.hawaii.gov/2015/04/16/kalaupapa-management-plan-and-eis-up-for-review/>

Aloha,



Jobie M. K. Masagatani, Chairman
Hawaiian Homes Commission

ITEM G-1

EXHIBIT B



Department of Hawaiian Home Lands

***BENEFICIARY CONSULTATION
Kalaupapa National Historic Park
Draft General Management Plan***

May 26 & 27, 2015



Department of Hawaiian Home Lands

AGENDA

- 1. INTRODUCTIONS & PULE, MEA‘AI***
- 2. PURPOSE OF BENEFICIARY CONSULTATION***
“Encourage and collect comments, input and feedback on Kalaupapa National Historic Park Draft General Management Plan”
- 3. DHHL BACKGROUND ON KALAUPAPA***
- 4. PRESENTATION BY NATIONAL PARK SERVICE STAFF***
- 5. “I LIKE” / “I WISH” / “WHAT IF”***
- 6. OPEN DISCUSSION***



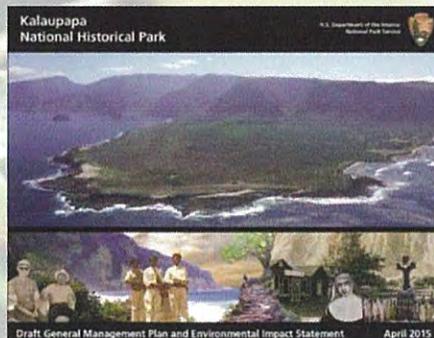
Department of Hawaiian Home Lands

MEETING HANDOUTS

1. AGENDA (on blue paper)
2. POWERPOINT PRESENTATION
3. COMMENTS FROM DHHL TO NPS (Letter dated 9/27/2011)
4. BENEFICIARY CONSULTATION #1 REPORT
5. MAP - MOLOKAI ISLAND PLAN LUD'S FOR KALAUPAPA-PALAAU
6. MAP - NPS MANAGEMENT AREAS, ALTERNATIVE "C"
7. DHHL LEASE WITH NPS FOR KALAUPAPA

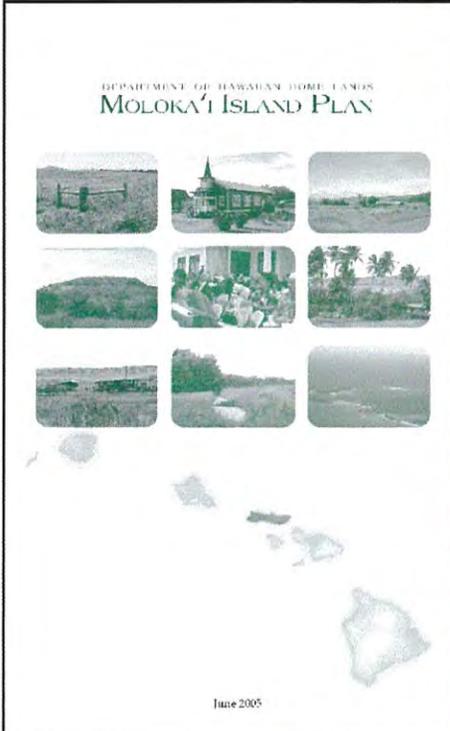
Purpose of Beneficiary Consultation

*Encourage and collect comments, input and feedback on
Kalaupapa National Historic Park Draft General
Management Plan*



DHHL Planning Activities

- *Molokai Island Plan – adopted by Hawaiian Homes Commission in 2005. Developed Land Use Designations (LUD's) for Kalaupapa*
- *Molokai Regional Plan – adopted by Hawaiian Homes Commission in 2010. Included discussion of Kalaupapa*



Moloka'i Island Plan

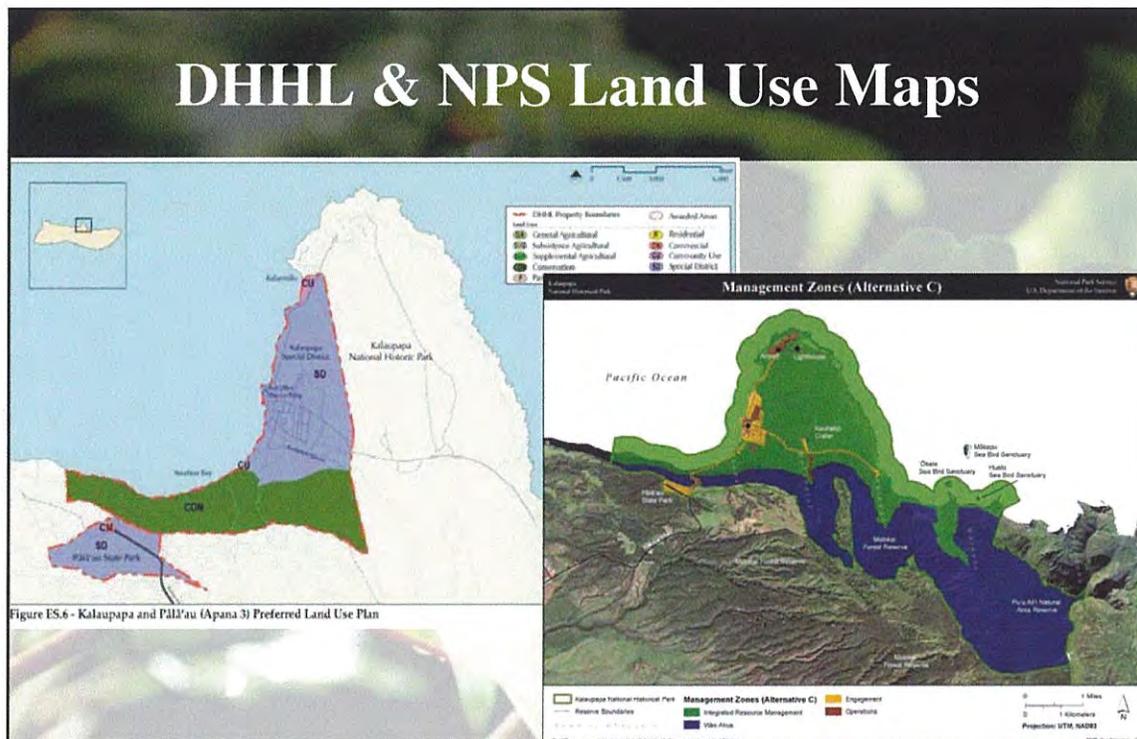
- 'Ualapu'e
- Kapa'akea, Makakupa'ia, Kamiloloa
- Kalama'ula
- Kalaupapa-Pālā'au
- Ho'olehua-Pālā'au

10 DHHL Land Use Designations

- Residential
- General Agriculture
- Subsistence Agriculture
- Supplemental Agriculture
- Pastoral
- Community Use
- Commercial
- Industrial
- Conservation
- Special District

Kalaupapa-Pālā‘au Area

- **Special District**
 - Kalaupapa: 621 acres
 - Pālā‘au Forest: 226 acres
- **Conservation**
 - Cliffs: 609 acres
- **Community Use**
 - Near Airport 3.5 acres
 - Fronting Awahua Bay 3.5 acres
- **Commercial**
 - Pālā‘au 5 acres
- TOTAL 1,474 acres**



What is a Special District?

- Area with severe constraints (topography, slope, inundation zone, tsunami zone, flood, endangered species)
- Area with natural, cultural, or historic resources
- Area that needs specialized planning in order to develop
- Area that requires some conservation principles but can be used with compatible uses
- Area that plays a significant role for the ahupua'a
- Area that is significant to entire island

Kalaupapa National Park

- General Lease
 - 1,247 acres
 - 50 year lease that expires in 2041
 - \$230,000 lease rent per year
- Millions invested in infrastructure improvements, building restorations, other initiatives
- NPS Annual Operating Budget of \$4.23 Million

Opportunities & Constraints

- Perpetuating the legacy of Kalaupapa
- Important cultural and natural resources
- Impact of canonization of Father Damien & Mother Marianne Cope
- NPS interest in long term preservation of area
- Limited/difficult access by trail, plane, barge
- Expensive to maintain, improve, or build new

Community Concerns – DHHL Plans

Island Plan

- Preserve legacy
- Respect patients
- Only for education
- Teach old ways
- NPS must work with Native Hawaiians

Regional Plan

- DHHL engage with NPS in planning
- Ensure traditional access and gathering rights
- Pālā‘au separate from Kalaupapa
- Ag homesteading
- Consult with beneficiaries

DHHL/Beneficiary Participation in GMP

Previous Beneficiary Consultation

- BC #1, on NPS Preliminary Alternatives
 - two meetings on Molokai, June 29 & 30, 2011
- Comment Letter from DHHL to NPS on Preliminary Alternatives dated Sept. 27, 2011, based on BC #1
- NPS comment period on Draft GMP began April 9, 2015
- NPS deadline for comments is June 8, 2015

What We Heard - BC #1

<u>Actions Common to All Alt's</u>	<u>Alternatives A-D</u>
<ul style="list-style-type: none">• Ensure resource mgmt. training & employment opportunities for (N)ative Hawaiians• Traditional practices – ensure access & gathering rights• Special/exclusive access for beneficiaries, including lodging• Native Hawaiian preference for concessions, transportation, etc.	<ul style="list-style-type: none">• Some prefer Alternative B – visitation stays limited• Some in favor of homesteading, others not – too many burials• Allow ag homesteading in Waikolu and Waihanau• Manage Pālā'au separately from Kalaupapa• Don't treat us like po'e haole

What We Heard – BC #1

Mana‘o from Beneficiaries

- Create joint task force to work out details for a DHHL/OHA/NPS MOU
- Keep in use as a healthcare, kupuna facility
- Include pre-settlement history, traditional stories
- Respect mana‘o from Kalaupapa ‘ohana, spiritual nature of the place
- Promote reconnection of beneficiaries to the place, both pre- and post-settlement

What We Asked For: DHHL Comments on Preliminary Alternatives

- Molokai Island Plan – integrate Community Use areas (7 acres) into GMP, develop protocols for access, adaptive reuse of existing facilities, management/leasing by beneficiary organizations
- Respect trust obligation to rehabilitate native Hawaiians by providing opportunities to improve health & well being of beneficiaries. Develop protocols for exercising of traditional & customary practices and gathering rights
- Establish a visitor information and cultural facility at Pālā‘au State Park

What We Asked For: DHHL Comments on Preliminary Alternatives

- Alternative B supported by DHHL and Beneficiaries – emphasis should be on Kalaupapa as a Special Hawaiian Place
- All components of GMP need to highlight benefits to & inclusion of native Hawaiian people, history and culture
- Provide unique native Hawaiian stewardship component. Stewardship & access to natural and cultural resources is essential to protect and preserve cultural practices, traditions and protocols.
- Hire native Hawaiian Cultural Consultants to advise NPS & provide management level employment opportunities.
- Allow overnight visitation for stewardship purposes only

Kalaupapa Draft GMP Presentation

National Park Service Staff:

Erika Stein Espaniola
Superintendent

Leslie Kanoa Nae'ole
Management Assistant

*****Exercise*****

“I Like”
“I Wish”
“What If”

Open Discussion

- What new ideas came out of the exercise?
- What things may we have missed?
- What is your mana‘o on Alternative C?

Open House

There is another opportunity to share your mana‘o
or just talk story with DHHL:

Open House

May 27, 2015 (Tomorrow)

Kūlana ‘Ōiwi

9:00 a.m. – 12:00 p.m.

Contact Information

**M. Kaleo Manuel, Acting Planning Program
Manager**

Kaleo.L.Manuel@hawaii.gov

(808) 620-9481

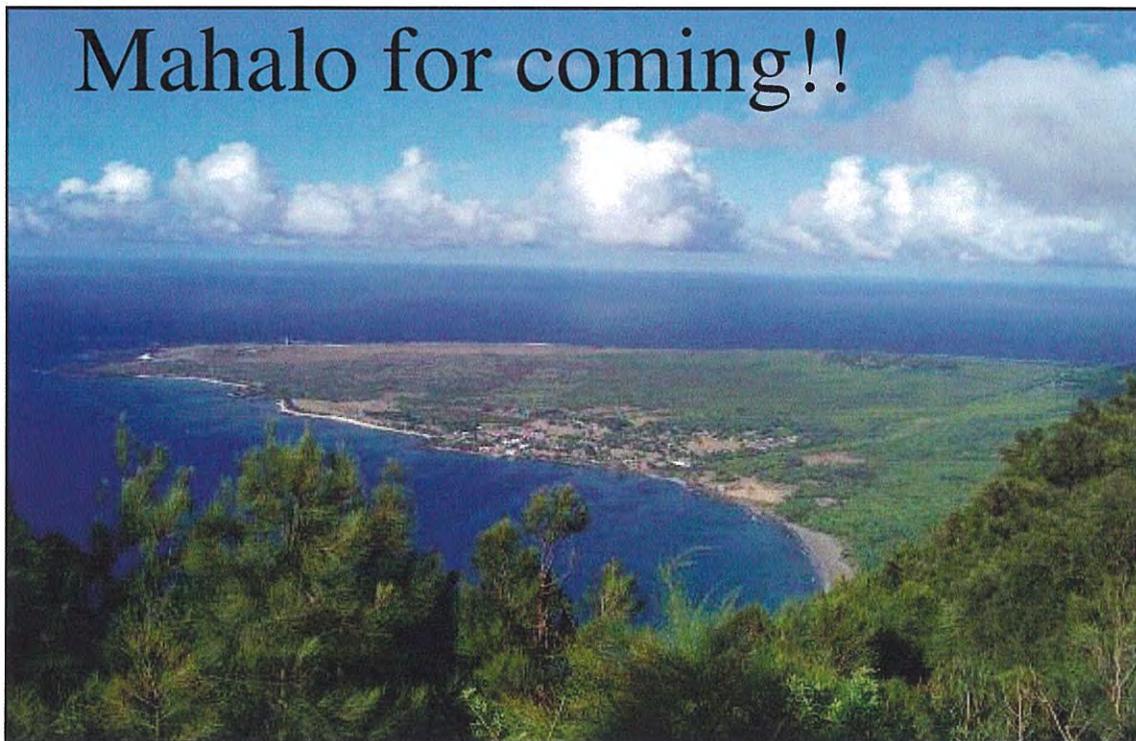
Nancy M. McPherson, Planner

Nancy.M.McPherson@hawaii.gov

(808) 620-9519

****Deadline for Comments: June 25, 2015****

Mahalo for coming!!



SHEET ①

1. Homesteading within Park Boundary – how much acreage in NHP could DHHL/beneficiaries use? [DHHL] Special District – Limited to existing structures. Acreage – 1,247 ac. + 257 in Pālā'au.
2. Is majority of settlement on HHL? [DHHL] Yes.
3. Purpose of meeting is what? If lease doesn't end until 2041, why are we talking about this? Are we renegotiating the lease? [KM] Evaluating the Draft GMP, short term and long term options, DHHL articulating your concerns to NPS, DGMP timeframe is 15-20 years.
4. We want to be assured of access for traditional practices. People are getting busted for surfing, etc. DHHL should take a strong position re: access. Right now there are limitations to access.
5. So in the meantime, do we have access? [DHHL] It's limited.
6. Do patients have first right of refusal? [DHHL] Yes.
7. Patient Council – when did they start making those kinds of decisions?
8. Did DOI ever contact DHHL to discuss exchange of lands? [DHHL] Yes.

SHEET ②

9. Since the lease isn't up until 2041, what can NPS teach native Hawaiians in order to prepare for those jobs when the time comes? If they do that, will we be DHHL or NPS employees? Make sure that native Hawaiians are benefitting.
10. DHHL has never represented beneficiaries well enough – need to have a beneficiary-driven plan – beneficiaries are the real owners of the land. How come DHHL issues a revocable lease to us, and a long term GL to NPS? Change NPS lease to a revocable lease.
11. Talking about respecting the culture, thinking that we know what's best for our kupuna down there. Whatever ipu kai they had, they kept – not to be spread around the world [by visitors]. Respect the culture. Federal government is illegally here, occupying our land. We need to tell them what we want, what's best for generations to come.
12. These are our lands. A trust obligation to protect these lands, the history. Problem with how we are being treated – our rights are being ignored by the Feds, by DHHL. Was a candy store. Using our lands, going through the process. There's nothing to protect our interests. We're fed up – should be partners. This plan is only using a small percentage of the land – pōhō. The rest of the peninsula should be used by homesteaders. DHHL not representing us since 2009. How do we protest this? I'm pissed off at how this plan is not representing us. DHHL needs to be advocating for us.

SHEET ③

13. When they first made that park, I signed up for homesteading at Kalaupapa – they told me no can homestead. The system is BS and we always take gas
14. All the land painted in green – should be programs for homesteaders to use, like growing taro in the valleys, etc. [DHHL] There will be programs and access for ag, gathering etc.
15. Special Use area – don't take it away from Beneficiaries. There needs to be more access and use of lands outside of the settlement area.
16. DHHL is not the whole peninsula – can't comment on DLNR stuff. [DHHL] – Yes you can – we want your mana'o on all of it.
17. Can't divide based on ownership – need to look at all of it, even DLNR lands.
18. Surfing down at Kalaupapa – why can't I surf down there? Surf is unbelievable, about once a year. They gave me a ticket, said it was a safety issue. Surfing is practicing my culture. We have more rights than NPS! I want to understand, so will keep going back down there and getting tickets. Others, the younger ones, want to go too. We're not being treated fairly.
19. There is a difference between surfing as a cultural practice and the commercialization of surfing. Need to look at the other side [of the issue] – need to have balance. [In order to be pono] it needs to be a spiritual practice, just for local people. [The restriction on surfing] is impacting my culture – don't want to see that blow up. Need to keep it Molokai style. Maybe even keep it traditional – only alaia – old style? Will have to define it, keep it controlled. Surf tourism is big.

SHEET ④

20. Put [a proviso] in GMP – if last patient expires prior to the expiration of the GL in 2041, there's an automatic revocation of the lease and a return of Kalaupapa to DHHL. There's a burden on DHHL to provide a transition plan. Don't want Congress, NPS to be controlling HHL with federal rules. Put it in the GMP – an assurance that DHHL can revoke the lease when the last patient expires. Like the decommission of the top of Mauna Kea – we need time to prepare in case the GMP doesn't work out.
21. If there ever is homesteading, will need rules that people will malama that place. Look at Topside - Hoolehua – broken cars every place, looks terrible.
22. Returning Kalaupapa to the people – now is the time. [But would need to] Make it a complete [community] – put up schools, teach the culture. Before – never had mules – walked barefoot on the rocks. Surfing – talking about the peninsula, turning it into an enterprise. Marketing. A lot of sovereign[ty down there] – know one knows where all the burials are – they were abandoned by everyone. How do we know the real truth?

Leave the buses behind. Live without lights – use kukui and do the work – subsistence – be self-sufficient. If you want to go back, go all the way back. Should even require people to go barefoot down there – respect the trail, every grave along the ocean. Graveyards were separated by church. Have to take care of the graves – they were caving in. It's a lot of work.

SHEET ⑥

23. How do people get onto the Patient Advisory Board/Commission/Council? [NPS] 5 members are patients, 4 are appointed by the Governor. All the patients are on the Patient Advisory Council.
24. Homesteading – 'iwi all over the place. Shouldn't have housing. [Homesteaders will] need schools, jobs etc. Other ways to think outside the box. Terraces should be used. Farming – open up the lo'i. [Create a] Kalaupapa Homestead Association. Ideas needed to benefit native Hawaiians. DHHL should be in control, looking out for us. Want a separate organization – our own. Revenues. Why DHHL no manage the buildings? That money should go into homesteading. All of them...
25. We should respect that place. Out Aunty buried down there. Ancestors that came before, too. Have to respect – [should] not all be opened up to the public. DHHL should take a bigger role in this – but do they have the staff?
26. [Thinking] out of the box – [worked on the] plan ten years ago – partnership to remove non-native vegetation. [Should have a] partnership with Hawaiian studies. Archaeology, restoration. Know how to do things right – talking about Pelekunu, Halawa – don't waste it – do it right.
27. Keep what they have now – don't add.
28. Can't support Alternative C or the Plan in general. Process – 25 years working with the Feds – all federal agencies – it's all about process. But they are not following their own process. Section 106 under NEPA – using a nationwide umbrella – a Programmatic Agreement. Supposed to be meeting to consult – DLNR/NAR/FR thrown into the mix. Piece-mealing out jurisdiction. Morphing to federal [jurisdiction] for the entire North Shore. Osprey crash – Section 106 – [led to] No Ospreys in Kalaupapa.

SHEET ⑥

29. (cont. from Comment 28) Was in a 3 HOUR Webinar – Section 106 to protect n(N)Hawaiians. Still waiting – DLNR, TNC – no one talking to me. Water from Waihanau – No agreement with Myers. Process not working – they're not listening. Section 106 requires [NPS] to respond in writing to questions. Need more consultation. NAGPRA. Can't issue FONSI before the Section 106 process is pau.
30. Frustrating that NPS hasn't answered questions from way back when. Can they [NPS] send the big guys so they can see our frustration? Our kupuna really fought for us. God gave that land to us and our children – it's our land, our home. Blood quantum – really gotta do something about that, too.

Responses to AI Exercise – Wed. night meeting, 5/26/2015

I LIKE

I like that the Patients Council gets 1st say, 1st refusal, etc.

(I Like) that DHHL planning called this meeting tonight thank you-now fight for me and our future!

100% native Hawaiian employed... all from Molokai! Homesteaders!

I WISH...

I never feel like one tiny ant in this so called "process"

I wish for a process for Molokai homesteaders to reserve a time for us to visit Kalaupapa

I wish I knew the patients recommendations and comments

Health and wellness facility for Ho'oponopono. Preference beneficiaries & 'ohana.

Keep Kalawao County & place it in DHHL hands.

WHAT IF

The state and federal agencies actually listened for real!

The feds cut the budget and there is less \$ for Kalaupapa.

The NPS was uninvited to Kalaupapa, would they leave?

The 'ohana that were evicted from Kalaupapa when the settlement was originally established, received first preference for everything?

DHHL keep its lands!

Notes, Beneficiary Consultation #2 on Kalaupapa Draft GMP May 27, 2015 9:00 a.m. – 12:00 p.m.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

Meeting started at 9:20 a.m. Intros – went around the table.

Beneficiary: Several descendants of patients, and employees. Myer family – MOU, didn't know that NPS wants to absorb 70+ acres. Exhibit at museum – Sarah Robinson. Wants to see what happens. Why does NPS want to enlarge park boundaries?

DHHL: Walk us through presentation. Molokai Island Plan 2005. Molokai Regional Plan 2010. HHC has land use authority for HHL. CU topside at Pala'au State Park. People come to the lookout. Educate and inform, cultural center. Economic opportunities. CU on peninsula. Gathering place at bottom of trail. Lion's Club pavilion on airport end. Special District – settlement area.

Beneficiary: 1981 – park started. Restoring buildings, managing and maintaining. Annual budget – not inexpensive to run the place. Community concerns. What about homesteading? Primary mandate. Force them to listen – take a more affirmative stance. NPS overextending their kuleana to topside.

Beneficiary: Was there any kind of sequential consultation – 2011-2015? Oct. 2013 – met with them. DGMP did not acknowledge Article 12 Section 7 – OHA standing on that, constitutional. Not engaging adequately with DHHL. Fed up with NPS.

DHHL: Native Hawaiians have first right of refusal. Way to let beneficiaries have access. Alt B kept cap at 100/day. May not be the traditional homesteading model. DHHL can work on an MOU w/NPS to ensure access. Healing place – Pu'uhonua. Mihi w/our kupuna. Rehabilitation. Kuleana lands – forced to leave. Alt C is more of a malama 'aina focus – have to lift the cap of 100/day. Benefits to nH. Stewardship & partnerships is the focus.

Beneficiary: Green is a large percentage of the peninsula. Where are the details? Define stewardship in General Mgmt Plan. Beneficiaries want the details. Willing to have now, work on it into the future.

Beneficiary: Intending to control future policies and practices for Kalaupapa. Trigger is 2041 for lease expiration – don't want them down there using the place for 15 years before the lease expires. Once DOH leaves, what will be jurisdictional status? Sunset of DOH – have to work something out with DOH for transition. We need to cancel the lease when last patient expires.

DHHL: Put in end date of 2035 – end time of the GMP.

Beneficiary: How long until end of the lease? How soon until the GMP is finalized? May not get approved until 2020. Why only for that long? Like the Danners, exchanging lands w/Wash DC – don't let them have any wiggle room. Limit the timeframe. Make the language explicit.

Beneficiary: What if we work through all this and we can't exchange land?

Notes, Beneficiary Consultation #2 on Kalaupapa Draft GMP May 27, 2015 9:00 a.m. – 12:00 p.m.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

DHHL: Cannot have condemnation authority over HHL. DHHL needs to participate in the transition plan. Who is going to pay for what? What happens if/when the NPS leaves?

Beneficiary: Extended boundaries – 1247 acres in GL. Want to go to 13,000 acres. Want to enlarge – offensive to me, to NH.

DHHL: Our beneficiaries don't support expansion.

Beneficiary: Feds trying to manage and control a large area of Molokai.

Beneficiary: NPS interested in whole of the North Shore. Special designation. Playing defense. Special to everybody on Molokai. NPS on HHL – NH fighting with feds and state since the overthrow, people getting more pissed off. DLNR always playing wishy-washy. Everybody wants to fight back. Every time the State wants to do things on the backs of NH. Park not supposed to be just about the bad story of Kalaupapa. Shouldn't have happened but did – need to protect that story. The NH never went west end – went to the valleys. Left thousands of years of hard labor to feed ourselves – a resource that we need. Make use of the whole north shore – value is to us – we have to prove we can do that in Waikolu. What we going do in Waikolu. Initial reaction was to tell them to get out when it's time to get out. If there is a strong partnership with right vision – has to be a main component of this park. Needs to be formalized. Don't have homesteaders living traditionally – don't need a mortgage. Lifestyle could be planted in all those valleys. Where the Hawaiians can live in the valleys. The rest is ours. Partnership with NPS – Agreement between DOI, NPS, Umatilla Tribe – make an agreement with traditional people. Cooperative agreement – Hawaiians could help NPS to get funding. Or – could try to get rid of this park. Force them into a partnership. Task Force – these are the goals and objectives – traditional NH way of life. Need to get rid of non-native plants, clean water, etc. Lobby them, DC to make this a special situation.

DHHL: NPS needs a GMP in order to get funded – that's how they get funded. Inouye etc. lobbied for the budget before. One of the newer parks. Feds want to continue to fund. But – DHHL needs to get that Cooperative Agreement with the details. Section 106 consultation – need to have an agreement in place.

Beneficiary: They will ignore us.

Beneficiary: Go back to current Molokai Island Plan. Special District – opportunity to plug in to be upheld, approved by the HHC. What is a Special District – not determined, under special consideration. Specialized planning in order to develop. Not enough – have to get a working plan going. Task Force should include DLNR – Suzanne Case, William Aila.

DHHL: Need to convene task force now – landowners and beneficiaries.

Notes, Beneficiary Consultation #2 on Kalaupapa Draft GMP May 27, 2015 9:00 a.m. – 12:00 p.m.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

Beneficiary: On that note – still have the peninsula and Pala’au Park – should be included. Also private landowner. Gotta look topside down and downside up. Needs to include all NH, not just nH.

DHHL: Has OHA been invited to participate?

Beneficiary: A’ole.

Beneficiary: They could represent all Hawaiians.

DHHL: Should regroup with OHA staff.

Beneficiary: How are we going to figure out this process? Confusing. Need to understand the process so we know what to do.

DHHL: Section 106 is one process that these issues can be brought up in.

Beneficiary: Encourage you to talk to policy analysts – federal background – Kawika Reilly.

Beneficiary: Lifting the cap of 100 visitors/day: Fear of it becoming a huge open gate. Limiting factor – transportation. Only have a carrying capacity of 300 people/day. Say that’s the cap.

Beneficiary: Lots of times, there is more than 100. Workers, volunteers, etc. Many times there is over 100. Economics – shouldn’t all stay down there – should stay topside overnight. Daily visitor count

Beneficiary: Gotta have a really good briefing and staging area.

DHHL: Mandatory orientation. General rules.

Beneficiary: Kilauea – video – NPS is good at that.

Beneficiary: As long as they do it up topside – Pala’au – tell story of Molokai, not just Kalaupapa. Story of homesteading, why we don’t want a lot of tourist here.

Beneficiary: Keep the cap, but focus on stewardship.

Beneficiary: Just concession to get down there – 100. Stewardship shouldn’t be counted. Should be a guest relationship, limited access.

Beneficiary: P. 8 & 9 – hire native Hawaiian cultural consultants. They should come forth and give their names. Before settlement – important to have that history. Economics – be inclusive, include us now, not later. Preference should be for us, now. Out of this hui – demonstrate what they should be doing. Doing it for whom?

Notes, Beneficiary Consultation #2 on Kalaupapa Draft GMP May 27, 2015 9:00 a.m. – 12:00 p.m.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

Beneficiary: Don't forget the patient advisory council – they are setting the cap. Commission – when the patients are all gone, then what?

DHHL: Should there be another advisory council taking over after?

Beneficiary: DOH has been absent, and yet they have the highest authority down there. Should be talking with us around the table. What is the agenda – patients or DOH?

Beneficiary: US recognized indigenous people – advice and consent. UN Declaration on the Rights of Indigenous Peoples. Law of the Land – they have to consult.

Beneficiary: When the time comes, what should be the mechanism? Rights of Indigenous People – DHHL represents. Both DHHL and OHA needs to be partners in this.

Beneficiary: Trust obligations, then international law to follow.

Beneficiary: DOH looking to get out of there. Want to transfer patients to Honolulu. Narrow kuleana. They are also the County of Kalawao. DOH seems silent at these meetings.

Beneficiary: State level – what is the future of Kalawao County? What is going to happen - jurisdiction. Let's make a Molokai County. Rep DeCoite, Kalani English. Bill to transfer all of DLNR's lands in Kalaupapa to DHHL – didn't pass. Missing acreage – trying to find missing 2,000 acres. HHCA – Kalaupapa is HHL – defined as ahupua'a or as whole peninsula? Need to clarify intended boundaries.

DHHL: ASAP – need to formalize negotiations.

Beneficiary: Section 106 – what is it? Obligation to consult with NH. Doesn't exclude NPS. Three parties named in federal legislation. DHHL, OHA, Hui Malama o na Iwi Kupuna. Task force may be more effective way to get mana'o into the planning document.

Beneficiary: Can DHHL bring in the other agencies? Yes – Myers, DLNR, have to identify stakeholders.

Beneficiary: DHHL needs to weigh in. Do beneficiaries still support the 100/day cap? Actual cap is 300/day up and down the trail, not workers and others staying down there. Define who are we talking about? Define "visitors." Any homesteader topside – in a category by ourselves. Credibility for beneficiaries going down there, shouldn't be in the cap. Families that used to be from there – second. Then general public from Molokai. People off island are at the bottom. Then divvy up the facilities use. Priorities.

Beneficiary: Identifying what structures are used for – ID who are the users. Visitors will have to pay a higher price.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

DHHL: Right now there is no fee.

Beneficiary: Rules and regulations designed to provide a high quality of experience. Structured and unstructured, etc. Who going to be given commercial use authorization? Whole new category. P. 16. Kapulu.

DHHL: Free day use option. Staying over – only stewards. Additional policies in doc to create a hierarchy. Priority of uses. Honor place and people.

Beneficiary: Should be different policies for us – we're not malihini.

Beneficiary: Should add – heirs of those who were patients there. Not from Molokai, but 'ohana. Expand out to all heirs of descendants. Should have standing too. Priority for access – Kalaupapa 'ohana.

Beneficiary: Have to talk about Pelekunu, Wailau, Halawa. Impact of other valleys. Family comes from those valleys. What comes out of this hui, task force – demonstrate that not only Kalawao is responsible for those areas. Has leprosy come to the other valleys? Pre-settlement 'ohana, 'ohana from other valleys.

DHHL: Deadline June 8. DHHL has been granted an extension by the superintendent. Incorporate mana'o from beneficiaries. Creation of task force ASAP to advise on GMP. We have until July 8. You can provide your mana'o directly to NPS.

Beneficiary: So does DHHL support Alt. B or C?

DHHL: Alt. C actually provides more access to beneficiaries, more opportunities for stewardship.

Beneficiary: Alt. B – no more partnerships? If you put that in C then I can support C.

DHHL: They can mesh the alternatives.

Beneficiary: I like B's preservation concept, but like C's stewardship component.

Beneficiary: Can they take out "no homesteading" statement? Is there anything in the Plan to return the lands to DHHL someday? Can we put in there that the lands could be returned someday to DHHL? IF they keep putting in \$millions, then we can never get the land back.

DHHL: Up to \$40 million invested – if lease is broken, DHHL will have to pay the penalty – we would pay for all improvements. Put in 20 year timeframe cap. Section 106 language negotiated – 2041 – could have agreement that everything reverts to the trust and we don't pay anything. Don't have the \$ to pay them out. Should no more improvements be made? Caps on CIP – no more developments.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

Beneficiary: Clean slate in 2041?

DHHL: Won't reinvest if they don't get a lease extension 20 years prior to expiration. If it's kapulu, we have to clean it up, fix it.

Beneficiary: Gotta put that into the contract.

Beneficiary: What is the lease rent? That's a small amount. Federal lands don't pay property tax – a percentage. Where does the exemption payment go? They have their own County – where does it go? Need to be looking at that now. Who manages the gate topside?

Beneficiary: Waihanau included in NPS? Bottom – where the water drops. Cultural village – heiau, lo'i – are they about that?

DHHL: Doesn't say how, or who will do restoration. We advocate for beneficiaries – don't prescribe, but listen and transmit your mana'o.

Beneficiary: Phone consultation – reverend from Kalaupapa couldn't call in to conference call. Process sucked. Wanted to hear his mana'o. Didn't get to participate. Need to open it up to people outside – including folks who can't participate.

Beneficiary: DOI draft rules – timeframe? 90 days by law – DHHL can request an extension? Formal request for extension – Lori Buchanan. Issue is federal oversight. HHC has authority over HHL, but Secretary of Interior will be in charge. Request public hearing. Foot in the door. Could give DOI power to reorganize us. Amendments to HHCA.

Beneficiary: Will post and/or email our notes (BC report) when done. Have recommendations, will need to get it cleared through Director.

Beneficiary: Recommend – no expansion of Park.

Beneficiary: No land swapping – no lands taken by condemnation.

Beneficiary: Going to put all infrastructure in there, sensitive story there, patients, burials, etc. Keep this place like a special sacred area for that story. Feds say they are going to protect this area. Benefits to homesteaders are minimal – story will always be protected. Would make more sense to us to have other backside valleys – there should be no land swaps? We will come up empty handed. Don't include acquisitions. No land exchanges, but open to further acquisitions for the purpose of the HHCA. Using it – no pohō.

Notes, Beneficiary Consultation #2 on Kalaupapa Draft GMP May 27, 2015 9:00 a.m. – 12:00 p.m.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

DHHL: Kalawao side has lots of burials, unmarked graves. Preserve settlement, graves, etc. Other valleys – intact ahupua'a. Restoration of agricultural complexes, but concern about burials. Other valleys – access for gathering, agriculture, etc. Partnership – get federal dollars to get rid of invasive species.

Beneficiary: Are we all on the same page with the feds? Don't have a definition for sacred, or spiritual. Problematic, Restoration – need to know we are all talking about the same thing. Preservation – no people. Metadata – definitions of all their terms. Pelekunu & Puu o Hoku Ranch – what are you talking about? No invasive species, no people?

Beneficiary: Restore a car that's 30 years old? Preserve, conserve. Look at 'em, or jump in and drive 'em? Walk this land – eat from the land. Continue to restore – not just to look at it. Demonstrate.

Beneficiary: Define stewardship/ Define enhancement. Purpose of leeward side is to preserve. Live culture needs a place to be exercised.

Beneficiary: Restoration – can be restored and used. Valleys need to be restored and reutilized.

Beneficiary: Leeward side is one area – one extreme. Kalawao – in between. Waikolu – wet side. Can use.

DHHL: Even windward side has burials everywhere. Waialeia and Waihanau.

Beneficiary: Shoreline, fishpond. Part of HHL. By the airport. Restore and use. Food production.

DHHL: Need an affirmation of definition of stewardship. Need it specified – Integrated Resource Management – put some words in there to specify. Then we can bring in all the details.

NPS: All those things will have their own programs.

Beneficiary: Education, but not for us to use. Put enhancement with a definition. Make it allowed for us to use.

Beneficiary: 100 is too low, 300 is too high. Carrying capacity is 300. What is real carrying capacity? Define. With current staff, or additional staff. Had to figure it out to do the movie.

Beneficiary: Concessions – limited to how many can come down. At any one time – 100. Can do 3 sets per day. Gotta make money back. No entry fee.

Beneficiary: Protecting surfing. Benefits nH people. Benefits Molokai people – the kids. How you grade the people. Can? Can go down. Bring Hawaiians down. Maybe once a year – surf has to come together.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

Concession – HRS 326, also liability, emergency services. Also hula, language, how do we handle it, work this thing out. Find a solution.

DHHL: Traditional & customary practices. Wa'a, gear restrictions. How about what kind of board you can take? What is the goal? Resource protection. Step back and own it. Our 'aina pays for it. Limit it to a purely traditional practice.

Beneficiary: So pure and beautiful – how can that traditional practice occur? What do Molokai people want to happen?

Beneficiary: Should we really only announce that number?

DHHL: Would like to get a clear yes or no on the number.

Beneficiary: Define the users – visitors going come. Don't want to be shut out by them. 100 visitors max, not to include nH, Molokai residents, etc. 300 max.

Beneficiary: Keep it a cultural place for our people. Without the pre-settlement history – there would be nothing. Kaunalu, Kawaikapu etc. East end. Closest to the water – backside. No river, valley, 'opae or o'opu. This is the story DHHL and NPS needs to know. NPS engaging to interview the old families – Davianna McGregor. Working with those families that were displaced. Flying – not going. Needs to be 100 kanakas down there, working that 'aina, walking down there. Don't follow the presidents on the bills – not just about money.

Beneficiary: Needs to benefit topside. NPS has no limit on overnight. 200 structures. Level of detail not in the plan.

Beneficiary: DHHL should be managing the buildings, getting revenue.

Beneficiary: Have to restore up to their standards.

DHHL: To Do - Report, Request to Director, HHC submittal, Section 106, jurisdictional transition. No expansion of Park, Traditional & customary practices. Advice and Consent per UN Rights of Indigenous People. Definitions of jurisdiction – DHHL, OHA, Aha Ki'ole. DLNR should be taking their lead on the ahupua'a.

Beneficiary: Negotiation process – with Task Force – area of engagement – yellow area. We care about the areas in green – Integrated Resource Management. Living Park – in Alaska. Look at other examples of agreements with native people.

Beneficiary: Malama that 'aina vs. homesteading. Shifting the focus.

Notes, Beneficiary Consultation #2 on Kalaupapa Draft GMP May 27, 2015 9:00 a.m. – 12:00 p.m.

*CU: Community Use DGMP: Draft General Management Plan DHHL: Dept. of Hawaiian Home Lands
DOH: Dept. of Health DOI: U.S. Dept. of Interior DLNR: State Dept. of Land & Natural Resources
GL: General Lease HHC: Hawaiian Homes Commission HHL: Hawaiian Home Lands HHCA: Hawaiian
Homes Commission Act MOU: Memorandum of Understanding NPS: National Park Service NH: Native
Hawaiian nH: native Hawaiian OHA: Office of Hawaiian Affairs*

DHHL: Changing the focus from entitlement to utilization. Not just what was defined in 1921.

Beneficiary: Who should be on the task force? How many on the task force? What are the requirements of beneficiaries? Applicants too. NPS needs to get that right.

Beneficiary: Problem I've noticed is different superintendents. They come and go, they take advantage of us. This one is the one. Keep her as long as possible.

DHHL: Planning documents are the thing we can hold them accountable. Erika sees the importance of this.

Beneficiary: Follow up meeting – can we have? Get us the notes.

DHHL: Can try to do another meeting near the end of June, after we get the notes out.

STATE OF HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS

JULY 20-21, 2015

To: Chairman and Members, Hawaiian Homes Commission (HHC)
Through: Kaleo Manuel, Acting Planning Program Manager *KM*
From: Nancy McPherson, Planner *NM*
Subject: Accept Beneficiary Consultation Report, National Park Service Draft General Management Plan for Kalaupapa National Historic Park, DHHL TMK's (2)6-1-001:001 and (2)5-2-013:006, Kalaupapa and Pālā'au, Molokai

RECOMMENDED MOTION/ACTION

That the Hawaiian Homes Commission (HHC) accepts this Beneficiary Consultation Report as the public record of beneficiary input and feedback relative to the National Park Service Draft General Management Plan for Kalaupapa National Historic Park, Kalaupapa and Pālā'au, Molokai.

DISCUSSION

Background

An informational submittal on this subject was presented to the HHC at its regularly scheduled meeting of June 15, 2015 (refer to Item G-1 and Exhibits, from June HHC Meeting). The submittal provided some brief historic background and a description of DHHL and National Park Service (NPS) interactions to date regarding the development of a General Management Plan (GMP) for the Kalaupapa National Historic Park (NHP).

A previous submittal was submitted to the HHC in June 2015 as a status report intended to provide an update to the HHC on the Planning Office's continued efforts to consult with beneficiaries on the Draft GMP and the timeline for the planning process moving forward. This submittal constitutes the formal Beneficiary Consultation report describing beneficiary input and feedback obtained during the two (2) consultation meetings held on Molokai on May 26 and May 27, 2015 as well as comments

ITEM G-1
ITEM G-3
EXHIBIT C

received during the subsequent 30 day comment period, and is hereby submitted to the HHC for acceptance.

Beneficiary Consultation

The Department's Beneficiary Consultation Policy, approved in January 2009, recognizes that meaningful, timely and effective beneficiary consultation is essential to the successful implementation of Hawaiian Homes Commission policies, programs, and projects. The purpose of this DHHL beneficiary consultation was to collect beneficiary feedback and input on the Draft General Management Plan for the Kalaupapa NHP being circulated by the NPS for comment, therefore providing an additional venue for beneficiaries to communicate their mana'o through the DHHL Planning Office to NPS.

STEP 1. THE PROPOSED ACTION IS DESCRIBED (See Exhibit A and Item G-1 Exhibits B and C from June 15, 2015 HHC Meeting):

The Beneficiary Consultation (BC) on the Kalaupapa Draft GMP was intended to elicit comments on the actions of another agency (NPS), which has a long term lease for Hawaiian Home Lands on the Kalaupapa Peninsula as well as for a small area at the top of the cliff in Pālā'au, the Kalaupapa Overlook area, totaling approximately 1,247 acres. Two consultation meetings were held on "topside" Molokai on May 26 and May 27, 2015. Thirty-eight beneficiaries attended the May 26 evening meeting and seventeen beneficiaries attended the May 27 morning meeting. A slide presentation was prepared to describe the NPS' proposed action and the comments and concerns of beneficiaries that had been expressed to date. Handouts were also distributed at the meetings providing more detailed information, including copies of DHHL's lease with NPS.

STEP 2. BENEFICIARIES WERE NOTIFIED OF OPPORTUNITIES TO CONSULT (See Item G-1 Exhibit B from June 15, 2015 HHC Meeting):

A letter inviting Moloka'i beneficiaries to attend the May 26 and 27, 2015 BC meetings in Ho'olehua and Kalama'ula, Moloka'i was mailed out on May 12, 2015. A total of 1,618 letters were mailed to both applicants and lessees.

STEP 3. PRESENTATION MATERIALS FOR ALL MEETINGS ARE AVAILABLE FOR FEEDBACK (See Item G-1 Exhibits A and C from June 15, 2015 HHC Meeting):

Presentation materials in the form of a PowerPoint handout and a copy of the Sept. 27, 2011 DHHL letter to NPS were available at the BC meetings and were posted to the DHHL Beneficiary Consultation website. A link to the NPS Kalaupapa Draft GMP webpage was also provided on the website.

STEP 4: COMMENTS ARE COMPILED INTO MEETING REPORTS (See Exhibits B through E):

This submittal constitutes the formal Beneficiary Consultation report describing beneficiary input and feedback obtained during the two consultation meetings held on Molokai on May 26 and May 27, 2015 as well as comments received during the subsequent 30 day comment period, and is hereby submitted to the HHC for acceptance.

Summary of Beneficiary Consultation Comments and Staff Recommendations

Meeting notes were provided in the informational submittal in June (See Item G-1, Exhibits D and E from the June 15, 2015 HHC Meeting). The comment deadline given to beneficiaries at the consultation meetings was June 25, 2015. Three letters containing multiple comments, and two phone comments were received during the 30-day comment period. The following table summarizes all comments received during the beneficiary consultation meetings and sorts them by subject or topic, as well as provides any responses from DHHL and/or NPS.

Subject	Question/Comment/Suggestion	Response/Key point
Planning	Is the majority of the settlement on DHHL land?	Yes.
Planning	Need to look at all the lands, regardless of who owns them.	DHHL is taking comments on DLNR land also.
Planning	Keep what they have now - don't add anything.	No new structures are planned.
Planning	Can't issue FONSI until Section 106 process is pau.	NEPA process is incomplete until Section 106 is pau

Subject	Question/Comment/Suggestion	Response/Key point
Planning	Frustrated that NPS hasn't answered our questions from way back when. Send the big guys here from DC so they can see our frustration.	
Planning	Define "stewardship" in the General Management Plan.	DHHL will request an expanded definition of "stewardship"
Planning	Once DOH leaves, what will be jurisdictional status? DHHL needs to participate in transition plan.	DHHL needs to formalize negotiations
Planning	Limit the timeframe of the plan and make the language explicit.	DHHL requesting better definition of terms.
Planning	Need a more detailed plan for Special District lands	DHHL to work w/NPS on Implementation Plan
Planning	Need to convene a Task Force of landowners and beneficiaries.	DHHL supports this idea and will discuss with NPS
Planning	Need to plan for peninsula and Pālā'au Park - topside down and downside up.	
Planning	Have to talk about Pelekunu, Wailau, Halawa, include 'ohana from other valleys.	
Planning	Feds don't have a definition for sacred, or spiritual. Need definitions for restoration, preservation.	Some definitions provided in Glossary (Appendices)
Planning	Define "enhancement." A living culture needs a place to be exercised.	
Planning	Who should be on task force? How many on task force? What are requirements of beneficiaries? Include applicants too - NPS needs to get that right.	DHHL supports this idea and will discuss with NPS
Planning	I wish I knew the patients' recommendations and comments.	

Subject	Question/Comment/Suggestion	Response/Key point
Homesteading	There are 'iwi all over the place - shouldn't have housing, but terraces should be used, reopen the lo'i	Burials are present at Kalaupapa so extra care must be taken
Homesteading	How much acreage within Park boundary could be used?	Special District designation - limited to reuse of existing structures
Homesteading	When they first made the park, I tried to sign up for homesteading but there was no list.	Most of the land is in Special District or Conservation.
Homesteading	If homesteading is ever allowed, there will need to be rules so people will mālama that place.	DHHL to discuss beneficiary stewardship model with NPS.
Homesteading	Create a Kalaupapa Homestead Association to manage revenues. Money should be spent on homesteading.	DHHL to explore Homestead Association option with NPS
Homesteading	Primary mandate is homesteading - need to force NPS to listen.	DHHL is investigating an alternative model of "homesteading" in Kalaupapa
Homesteading	Can they take out "no homesteading" statement? Is there anything in the Plan to return the lands to DHHL someday?	Up to \$40 million invested. If lease is broken, DHHL has to pay for all improvements.
Homesteading	Mālama that 'āina vs. homesteading. Shift the focus.	Focus on stewardship.
Management	Train native Hawaiians to prepare for jobs - make sure we're benefitting.	Employment and Training Opportunities
Management	Need to consult with native Hawaiians re: respecting the culture, what's best for our kupuna down there and future generations.	Consultation
Management	If Kalaupapa is returned, it should become a self-sufficient community.	

Subject	Question/Comment/Suggestion	Response/Key point
Management	Have to respect that place - relatives buried there. Should not be opened to the public.	Burials are present at Kalaupapa so extra care must be taken
Management	Create partnerships with Hawaiian studies, archaeology, and restoration.	Educational Opportunities
Management	No Ospreys in Kalaupapa.	
Management	NPS overextending its kuleana to topside.	DLNR has a Cooperative Agreement w/NPS for area in Pālā'au State Park
Management	Need a strong partnership w/NPS for use of valleys - needs to be formalized.	DHHL needs to formalize negotiations.
Management	Fear that lifting cap of 100 visitors/day will open the floodgates. Needs to be carefully monitored.	Better explain User Capacity Indicators, Standards, Monitoring and Management Strategies
Management	Keep the 100 persons/day cap for visitors, but no limit on stewardship.	Need a hybrid Alternative
Management	Define "visitors" better. Topside homesteaders should be a special category. Prioritize categories.	Create Visitor Categories
Management	Different users should pay different fees.	Create Visitor Categories
Management	Should be different policies for us - we're not malihini.	Create Visitor Categories
Management	Who is going to be given commercial use authorization?	NPS needs to educate beneficiaries on its process
Management	Keep this place as a special sacred area for its sensitive story. Benefits to beneficiaries will always be minimal to protect the story.	Sensitive, Sacred Place
Management	Restore and use shoreline, fishpond for food production.	Develop this idea as part of transition plan

Subject	Question/Comment/Suggestion	Response/Key point
Management	What is real carrying capacity? Need to define.	Define carrying capacity
Management	Concessions need to benefit topside. Not enough level of detail in the Plan.	NPS has a process. Community benefits
Management	DHHL should be managing the buildings and getting revenue.	Buildings have to be restored up to NHPA standards.
Management	I like that patients get first say and first right of refusal.	
Management	Goal should be for 100% of NPS employees to be native Hawaiian, all from Molokai.	Employment and Training Opportunities
Management	What happens if the feds cut the budget and there is less money for Kalaupapa?	
Management	Give first preference for everything to 'ohana that were evicted from Kalaupapa when the settlement was originally established.	Create Visitor Categories
Lease	If the lease doesn't end until 2041, why are we talking about this?	DHHL is evaluating the Draft GMP and expressing your concerns to NPS
Lease	Why does DHHL issue a short term revocable lease to us, and a long term general lease to NPS?	
Lease	Amend the lease to trigger a return of Kalaupapa to DHHL when the last patient expires.	Lease Terms
Lease	Do we get a clean slate in 2041?	NPS won't reinvest if they don't get a lease extension 20 years prior.
Transition	When the time comes, what should be the mechanism?	DHHL needs to formalize negotiations.
Transition	Need to be sitting at the table with DOH re: transition.	DHHL needs to formalize negotiations.
Boundaries	Why does NPS want to enlarge park boundaries?	Required to analyze by NPS

Subject	Question/Comment/Suggestion	Response/Key point
Boundaries	Enlarging the park is offensive to me as a native Hawaiian. Feds trying to manage and control a large area of Molokai.	Do not enlarge park boundaries
Boundaries	North Shore is special to everyone on Molokai. Value of those valleys is for food production.	Do not enlarge park boundaries
Boundaries	Is Waihanau included? There's a cultural village there - heiau, lo'i.	Plan doesn't say how or who will do restoration. DHHL advocates for beneficiaries.
Boundaries	Not in favor of expansion of Park.	Do not enlarge park boundaries
Boundaries	Not in favor of land swapping or condemnation.	No land exchanges
Boundaries	Would make more sense to us to have other backside valleys - open to further acquisitions for the purpose of the HHCA.	DHHL should investigate acquiring backside valleys
Jurisdiction	What is future of Kalawao County? Let's make a Molokai County.	
Jurisdiction	Need to make sure DHHL got all the lands it was supposed to - 2,000 acres are missing.	DHHL needs to formalize negotiations.
Jurisdiction	Keep Kalawao County and place it in DHHL hands.	
Land Exchange	DHHL keep its lands!	No land exchanges
Land Exchange	What if we work through all this and we can't exchange land?	DHHL could work w/DOI to explore land exchange options
Alternatives	I like B's preservation concept, but like C's stewardship component.	Need a hybrid alternative
Facilities	Health and wellness facility for Ho'oponopono, with a preference for beneficiaries and 'ohana.	Need to work with NPS to identify areas for adaptive reuse.

Subject	Question/Comment/Suggestion	Response/Key point
Access	Need assurances of access for traditional practices - people being ticketed for surfing. Too limited now.	Restrictions on surfing are at the request of the Patient Advisory Council.
Access	There should be programs for homesteaders to grow taro in the valleys.	DHHL will work with NPS and DLNR to investigate ag & access options
Access	There needs to be more access and use of lands by beneficiaries outside of settlement area.	DHHL can work on an MOU w/NPS to ensure access.
Access	Want to walk this land, eat from the land. Must continue to restore, not just to look at it.	DHHL will work with NPS and DLNR to investigate ag & access options
Access	I really want to be able to surf down there - it's practicing my culture.	DHHL can work on an MOU w/NPS to ensure access.
Access	If surfing is allowed, it can't be commercial - has to be spiritual, pono.	DHHL to work with NPS to address this issue at transition. May be limited to a purely traditional practice.
Access	Priority for access - Kalaupapa 'ohana, all heirs and descendants.	Create Visitor Categories
Access	100 visitors max, not to include beneficiaries, Molokai residents, etc. 300 total.	Maintain visitor cap. Need a hybrid alternative
Access	Need a process for Molokai homesteaders to reserve a time to visit Kalaupapa.	DHHL to work w/NPS to develop access program
Native Hawaiian	We have a trust obligation to protect these lands and their history. Our rights are being ignored by NPS - we need DHHL to advocate.	Recognize traditional gathering rights
Native Hawaiian	Section 106 consultation not following correct process. Need more consultation.	Section 106 Consultation Inadequate

Subject	Question/Comment/Suggestion	Response/Key point
Native Hawaiian	Section 106 phone consultation too difficult - hard to participate.	Section 106 Consultation Inadequate
Native Hawaiian	Draft GMP does not discuss Article 12 Section 7 of State Constitution.	Recognize traditional gathering rights
Native Hawaiian	Need a cooperative agreement, Task Force to reestablish traditional Native Hawaiian way of life in backside valleys.	DHHL supports this idea and will discuss with NPS
Native Hawaiian	NPS needs to make a formal agreement with DOI and N/native Hawaiians, like with Umatilla Tribe.	DHHL to work with NPS on a Cooperative Agreement or MOU
Native Hawaiian	Need to use Section 106 process to raise issues.	
Native Hawaiian	Hire native Hawaiian cultural consultants now to share pre-settlement history	Employment & training opportunities
Native Hawaiian	US recognizes rights of indigenous people - advice and consent. Law of the land - they have to consult.	Recognize traditional gathering rights
Native Hawaiian	OHA could represent all Hawaiians. Talk to their policy analysts.	DHHL to meet with OHA staff.
Native Hawaiian	DHHL and OHA need to be partners in protecting our rights.	Recognize traditional gathering rights
Visitor Experience	Need to have a really good briefing and staging area.	Plan includes mandatory orientation on general rules
Visitor Experience	Also need orientation topside, but tell story of Molokai, not just Kalaupapa. Include history of homesteading.	DHHL can work w/NPS to develop educational content on homesteading.
Visitor Experience	Keep it a cultural place for our people. Without the pre-settlement history, there would be nothing.	Special Hawaiian Place

CONCLUSIONS AND NEXT STEPS

The National Park Service has considered and responded to a number of comments from beneficiaries and DHHL in the Draft GMP. However, there are some significant comments that have not yet been clearly addressed or responded to. The NPS has graciously allowed DHHL to have additional time to conduct Beneficiary Consultation on the Draft GMP and will accept comments from DHHL until July 15, 2015. A formal comment letter has been drafted and was submitted to NPS on July 15, 2015. (See Exhibit F)

A major area of concern expressed in the comments is the proposed expansion of park boundaries to include several North Shore valleys, which is perceived as a federal "land grab" with the potential to impede beneficiaries' ability to access resources for subsistence and traditional and customary practices. Also of major concern is the Draft GMP's overall lack of recognition of the protection of traditional and customary practices articulated in Article 12, Section 7 of the Hawai'i State Constitution, as well as the lack of recognition of the purposes of the Hawaiian Homes Commission Act and the rights of its beneficiaries to benefit from use of Hawaiian Home lands. The Section 106 consultation process is seen as being poorly managed and inadequate for the level of importance due the protection of the rights of n/Native Hawaiians.

Tied to these concerns are issues of access to DHHL lands and the desire for some kind of priority system so that beneficiaries and Kalaupapa 'ohana are not out-competed for access to Kalaupapa by the general public. There also is a strong desire for those 'ohana that were unwillingly displaced due to the creation of the Hansen's disease settlement to be supported in reconnecting to the lands of their ancestors. There is also a strong wish for the NPS to place more emphasis on the pre-settlement history and on grounding the visitor experience in a truly Hawaiian sense of place, history and culture.

There is concern that DHHL does not yet have a strong enough involvement in negotiations with NPS, DOH and DLNR regarding planning for the transition once no more patients are living in Kalaupapa. Beneficiaries have many questions and ideas about potential scenarios for the evolution of political jurisdiction, land exchanges or acquisitions, and ownership of existing structures and facilities. There are also many concerns and questions about the terms of DHHL's lease to the NPS and what happens as those terms come up for renegotiation.

Some conclusions and preliminary recommendations are that:

- Negotiations and discussions with state and federal agencies responsible for Kalaupapa be formalized by DHHL with the potential to result in Memoranda of Understanding and/or Cooperative Agreements;
- DHHL works with NPS and others toward the formation of a Task Force or Working Group focused on the transition plan and protection of rights of traditional and customary practices as requested by beneficiaries;
- DHHL staff consult with the appropriate staff at the Office of Hawaiian Affairs regarding the Draft GMP; and
- DHHL consult with the Attorney General's Office and the Department of Interior regarding potential jurisdictional changes and the potential for land exchange or acquisition.

RECOMMENDED MOTION / ACTION

Staff respectfully requests that the Hawaiian Homes Commission accept the recommended motion as stated.

**BENEFICIARY CONSULTATION
KALAUPAPA NATIONAL HISTORIC PARK
DRAFT GENERAL MANAGEMENT PLAN**

MAY 26, 2015 6:00 – 8:00 P.M.
LANIKEHA COMMUNITY CENTER
HOOLEHUA, MOLOKAI

AGENDA

1. INTRODUCTIONS & PULE, DINNER / MEA'AI

2. PURPOSE OF BENEFICIARY CONSULTATION

“Encourage and collect comments, input and feedback on
Kalaupapa National Historic Park Draft General Management
Plan”

3. DHHL BACKGROUND ON KALAUPAPA

4. PRESENTATION BY NATIONAL PARK SERVICE STAFF

5. EXERCISE: “I LIKE” / “I WISH” / “WHAT IF”

6. OPEN DISCUSSION

7. PAU

*For more information or if you have questions, please contact Nancy
McPherson, Planner, DHHL Planning Office by phone at (808) 620-9519 or by
email at nancy.m.mcpherson@hawaii.gov

TO: U.S. Department of the Interior National Park Service

FR: Blossom Feiteira
President, Association of Hawaiians for Homestead Lands

RE: KALAUPAPA NATIONAL HISTORICAL PARK
DRAFT GENERAL MANAGEMENT PLAN AND ENVIRONMENTAL IMPACT
STATEMENT

Aloha;

My name is Blossom Feiteira and I serve as the President of the Association of Hawaiians for Homestead Lands (AHHL). We are an advocacy organization created to assist beneficiaries of the Hawaiian Homes Commission Act who are currently waiting for an award to trust lands. In addition, I am a beneficiary of the Hawaiian Homes Commission Act and a descendant of a demised resident of Kalaupapa.

Thank you for the opportunity to provide my comments and recommendations on the Draft General Management Plan and Environmental Impact Statement for Kalaupapa National Historical Park.

Your document provides four alternatives, of which the National Park Service (NPS) identifies a preferred alternative; that is Alternative C.

After careful consideration and research into existing federal legislation, rules and Executive Orders, I find some concern in all of the alternatives except alternative A.

In general, the National Park Service provides the general community with opportunities to experience nature in a way that is educational, safe and environmentally friendly. It also has a distinct purpose to its existence, that is to provide protection and management of natural areas that are unique. The National Park Service System currently has 407 different areas under the NPS system across the continental U.S. Alaska, Atlantic and Pacific accommodating over 292 million visitors in 2015 alone. Kalaupapa, in its entirety, represents one small park that is made up of lands and shoreline that encompasses thousands of acres. However, the National Park itself is exceedingly small; less than 25 acres. Of the acres under management agreements, leases and memorandums, the NPS have established relationships with state agencies and private property owners.

As a beneficiary of the Hawaiian Homes Commission Act, and as the President of an organization working with other beneficiaries, priority concern are those lands currently in trust under the Hawaiian Homes Commission Act. Administered by the State of Hawaii's Department of Hawaiian Home Lands, approximately 1,472 acres establishes its presence in Kalaupapa. Contained within the settlement area and at

Pala`au State Park, these trust lands have played an important role in the care and consideration for the residents of Kalaupapa and their kokua.

The presence of the Hawaiian Home Lands was noticeably silent in all of the alternatives except Alternative C – Preferred Alternative. In that presentation, the NPS states their opposition to any homesteading activity, as, according to comments received during your scoping sessions, homesteading activities are not in keeping with the purpose and intent of the NPS.

I would disagree with your assumptions. As a long time participant of planning efforts of the DHHL, there have been areas of homesteading that required a different approach to homesteading opportunities including the adoption of rules establishing a new waitlist, creation of new homesteading programs, and partnerships with beneficiary based organizations to develop alternative energy, self help housing programs and education and outreach opportunities. Kalaupapa, by its history and legacy can lead to a type of homesteading opportunity that would not only provide the NPS with needed manpower for resource management, but provide opportunities to preserve the legacy that are the memories of the residents. In addition, many beneficiaries are themselves descendants of residents, many of whom were taken away at birth. Their realization that their parents or grandparents were taken to Kalaupapa now compel them to participate in any planning process that will potentially allow them the opportunity to provide care and management of their family's final resting place, and to preserve the place in their memories.

Rather than dismiss homesteading as compatible with the plans for Kalaupapa, NPS should actively work with the DHHL and its beneficiary base for the development of a unique homesteading program for Kalaupapa. DHHL has, in the past, provided for the development of rules and policies that would better serve and address the unique circumstances of homesteading opportunities, including establishing a new wait list, and a new homesteading program.

There is a very unique community "top side" of Moloka`i, many of whom are beneficiaries. In addition to these beneficiaries being on the DHHL waitlist, many of them are also life-long traditional resource management practitioners, carrying the knowledge of their ancestors for generations.

In the plans for resource management at Kalaupapa, having access to this "ancient" knowledge provides the NPS with a very unique opportunity to incorporate these practices in the overall management plan for Kalaupapa. From shoreline management to fisheries, to forestry, wildlife and water management techniques, the people of Moloka`i have long put these philosophies into practice and are recognized statewide as the most active traditional practitioners in the state.

As required by P.L. 96-565, NPS is required to do three things: 1) provide residents first and native Hawaiians with the second right to refusal for economic

opportunities; 2) provide both with employment opportunities; and 3) to provide training for employment opportunities, however nowhere in your document do you outline how the NPS will implement this part of the enabling legislation.

The National Park Service in Kalaupapa is bound by this law to do this. Since your preferred alternative provides for additional staff, it would seem that the NPS currently has or will have a plan to provide these opportunities as they arise. I would recommend that, as part of the GMP, that NPS begin the process to develop that action strategy. It would seem that a marriage of some sort between the NPS and beneficiaries would be beneficial to all concerned.

In regards to statements made in your GMP regarding your lease agreement with DHHL and the costs that may be associated with the departure of NPS, \$40,000,000 seems a bit overreaching, since the NPS association with Kalaupapa has been in place since 1980. To say that DHHL will have to pay for the improvements made by NPS at the stated costs, do not take into consideration the 30 years of your presence there and your use of the same improvements, nor does it take into consideration the years of depreciation.

I believe that there can be a co-existence between the beneficiaries of the HHCA and NPS. More work needs to be done to solidify this relationship.

Another priority concern is the emphasis in the plan for providing for the visitor experience, found in great detail in Alternatives C and D.

At its current state, visitors must be sponsored by a resident, Department of Health (DOH) or the NPS. Visitors are limited to no more than 100 per day, with no visitors under the age of 16 years of age.

Recommendations found in Alternatives C and D provide no specific information on number, only that access would be managed based on policy. Yet, according to the EIS portion of your document, your "pillow count" and housing opportunities, utilities and maintenance needs will allow for a maximum of up to 300 visitors per day.

With the priority for maintaining the environment, ambience, legacy and archaeological sites of Kalaupapa, the recommendations found in Alternatives C and D would be in opposition to your statement. With a vague allusion to the management of visitor numbers based on some management policy not stated in this document, I am led to understand that while there is no minimum, there is certainly a maximum, which, given the propensity to allow for unescorted access would most certainly lead to a systematic degradation of the resources and environment. For, as much as you will purport that education will be provided through orientation activities, and a pass system will be put in place, unescorted access will lead to a casual violation of the restrictions and limitations you may put

in place. Without enforcement in place to ensure compliance, you will find visitors who come for the experience will not adhere to the rules you put in place.

While you have confidence in your ability to engage your visitors in the importance of the place, in my experience, it's those places that create the desire to "go" in an area considered off limits to "see what else is out there".

As the Executive Director of a non-profit cultural preservation organization, I see continuous occurrences when it comes to treasure hunters and "new age" practitioners seeking out special places and items that may convey the spirit of a sacred place.

Secondly, to lift the age limit also presents a potential conflict.

The existing age restrictions may be past its usefulness, as the reason for its implementation no longer exists. However, to allow for children under the age of 16, may present problems. Living in a "tourist destination" provides an insight into how our visitors manage their children, which to our chagrin, does not often happen. Children, just cannot be contained for very long, particularly in an open area, where they can run. In addition, with its cliff sides, trees, cemetery, trails and "rock piles", Kalaupapa provides a temptation that is difficult if not impossible to deny, and presents a very likely scenario for injury. Again, first hand experience with visitors who allow their children to "try" and scale trees, climb an alter or run around in an open space is a natural inclination for the parents to allow. After all, they are on vacation.

There needs to be a limitation of the number of visitors to Kalaupapa. The current limitation of 100 visitors per day should be adhered to, with an age limitation under the age of 12 years of age.

Secondly, there must not be unescorted access into any area of Kalaupapa. Escorts should be provided either with NPS staff or through a Cooperative Agreement with a beneficiary organization or another non-profit partner.

In deference to the families of the residents, there should be at least one weekend each month set aside for families of the residents to attend to their ancestor's final resting place, celebrations and gatherings with no visitors allowed. While the opportunities for overnight visits are allowed now, those overnight visits should also include the descendants during their time at Kalaupapa, and should be part of any activities that would involve restoration, clean up or other activities where additional manpower is needed.

And finally, it is disturbing to see that the work and participation of Ka Ohana O Kalaupapa has been minimized to an extent that they have. After reviewing the document, they are not even listed as a consulting party to the draft plan, and was not afforded any recognition for the last 13 years of intensive work in outreach and

education. As their primary objective was to advocate for the interests of the residents, it is an insult that the organization was treated in such a manner. The work they have accomplished to date has been exemplary, the respect and aloha they have shown to the residents is unquestionable, and their willingness and desire to work with the NPS in the preservation of Kalaupapa is by any measure, outstanding. Yet, the DGMP and EIS chose to not include their commitment and dedication and instead, opts to appropriate their work and assume it as a new introduction of work that the NPS will implement.

The NPS should as a matter of efficiency, focus their efforts on the preservation of Kalaupapa and work with Ka Ohana O Kalaupapa in the area of education and outreach. You are able to do so through either a Programmatic Agreement (PA) or a Cooperative Agreement (CA). This partnership will enable the NPS to garner the much needed community support in your efforts to retain the physical and spiritual environment that is Kalaupapa, expand your ability to share the history of the place, and most importantly for AHHL, to preserve the memories of the residents of this very special place.

In closing, even with the stated concerns, Alternative C is an option that most addresses the management issues that NPS has faced these many years. However, the concerns stated here while applicable in all of the alternatives, they are also most prevalent in Alternative C. As a result, while you are working on the development of the final document, please consider these recommendations.

AHHL extends its appreciation for allowing us to submit our comments on the Kalaupapa National Historic Park Draft General Management Plan and Environment Impact Statement.

Mahalo ia oukou,

/s/
Blossom Feiteira
President
Association of Hawaiians for Homestead Lands

WALTER RITTE
HUI HO'OPAKELE 'ĀINA
PO BOX 486
KAUNAKAKAI, MOLOKAI, HI 96748

June 8, 2015

General Management Plan
Attn: Erika Stein Espaniola, Superintendent
Kalaupapa National Historical Park
P.O. Box 2222
Kalaupapa, Hawaii, 96742

RE: Comments on the Draft General Management Plan /Environmental Impact Statement for the
Kalaupapa National Historical Park

Aloha Superintendent Espaniola:

Pursuant to the National Historic Preservation Act ("NHPA")¹, The National Environmental Policy Act ("NEPA")², and the Hawai'i Environmental Policy Act ("HEPA")³, this letter comments on the Draft General Management Plan/Environmental Impact Statement ("Draft GMP/EIS")⁴ for Kalaupapa National Historic Park ("Kalaupapa NHP"). These comments are on behalf of Hui Ho'opakele 'Āina ("Hui"), a hui of Molokai community members who are committed to preserving and protecting the cultural and environmental resources of Molokai.

"It is good for people to remember who were there before us."
- Peter Keola Jr., 82, who was sent to Kalaupapa in 1940⁵

The patients who were sent to the Kalaupapa peninsula because of government policies regarding Hansen's disease "deserve to be remembered."⁶ Theirs is a story of courage, perseverance, and ultimate sacrifice. However, it is not the only story. Generations of Hawaiian families called Kalaupapa their home more than 800 years before the first Hansen's disease

¹ 300 C.F.R. 800.2(d)(2).

² 40 C.F.R. 1503.1(a)(4).

³ 11 H.R.S. 11-200-91.

⁴ DRAFT GENERAL MANAGEMENT PLAN AND ENVIRONMENTAL IMPACT STATEMENT, KALAUPAPA NATIONAL HISTORIC PARK (2015) ("GMP/EIS").

⁵ THE KALAUPAPA MEMORIAL, KA 'OHANA O KALAUPAPA,
<http://www.kalaupapaohana.org/monument.html> (last visited May 28, 2015).

⁶ See *id.*, quoting Cathrine Puahala, 80, international advocate for the rights of people affected by leprosy; Mrs. Puahala was sent to Kalaupapa at the age of 12 in 19420.

Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 2 of 20

patient was cast into the sea and forced to take refuge upon its shores in 1866.⁷ “The peninsula and the adjacent valleys supported a large population” and was well known for its abundant crops, fishing grounds, salt deposits, and unique plants.⁸ Archaeological evidence tells us that Kalaupapa served as a “garden paradise” to Hawaiians, and “wall after wall after wall” of agricultural gardens still remain as evidence.⁹ Molokai was then known as an island of ‘āina momona,¹⁰ producing enough surplus food to feed neighboring islands. Today, Kalaupapa is an “alien landscape . . . with alien plants,” but beneath this alien landscape lays the rich cultural landscape created by Hawaiians.¹¹ Theirs is also a story that deserves to be remembered. As the last chapter in the story of Kalaupapa as a haven for Hansen’s disease patients draws to an end, a new story must inevitably begin. This story should continue with Hawaiians cultivating the land and returning it to its former abundance as a place of ‘āina momona.¹² Molokai should once again become a land of plenty, enabling Hawai‘i to enjoy long-term environmental sustainability, self-sufficiency and food sovereignty in the future.¹³

The National Park Service (“NPS”) released the Draft GMP/EIS in April 2015 for public comment in accordance with the NHPA Section 106 Process.¹⁴ Four potential plans (A, B, C, and D) are presented in the Draft GMP/EIS.¹⁵ This comment letter will primarily address the impacts of the Draft GMP/EIS’s preferred Plan C (“Plan C”).

Hui Ho‘opakele ‘Āina agrees with the overall purpose of the GMP to care for the Kalaupapa Settlement area, to remember the Hansen’s disease patients, and to preserve and respect the legacy of the patients and those who cared for them. The Hui, however, strongly opposes any boundary expansion (hereinafter, called the “Expansion”) of parklands. Plan C’s expansion of the park’s boundaries calls for a 148% increase in Kalaupapa’s park acreage. These expansion plans should be completely severed from the GMP/EIS. All comments and analysis are in light of this proposed boundary Expansion.

⁷ Videotape: Kalaupapa Archaeology (Clap Productions, Arizona Memorial Museum Association 1997) (on file with the Wong Audiovisual Center, University of Hawaii at Manoa) (“Kalaupapa Videotape”).

⁸ *See id.*

⁹ *See id.*, quoting Earl “Buddy” Neller, Archaeologist, Kalaupapa National Historical Park.

¹⁰ ‘Āina momona: literally “fat land”; an abundant land, or land of plenty; Molokai was known as the land of “fat fish and kukui nut relish,” Claire Gupta, *Food Sovereignty: A Critical Dialogue*, YALE UNIVERSITY AGRARIAN STUDIES, Sept. 14-15, 2013 at 5, http://www.yale.edu/agrarianstudies/foodsovereignty/pprs/70_Gupta_2013.pdf (last visited May 30, 2015).

¹¹ Kalaupapa Videotape, *supra* note 5.

¹² *See* GUPTA, *supra* note 10.

¹³ *See id.*

¹⁴ National Historic Preservation Act of 1966, 16 U.S.C. § 470 et seq.

¹⁵ DRAFT GMP/EIS, *supra* note 4 at 104.

Hui Ho'opakele 'Āina's Comment Letter Regarding Kalaupapa NHP's GMP/EIS

June 3, 2015

Page 3 of 20

For reasons detailed below, the Expansion is legally deficient under federal and Hawai'i state laws; it neglects to follow federal and state laws that protect the interests of Native Hawaiian traditional and customary rights, as well as the rights of Molokai residents. The NPS should cultivate a real partnership relationship between the Department of Hawaiian Home Lands ("DHHL") and the Office of Hawaiian Affairs ("OHA") to develop a living, sustainable Integrated Resource Management Zone ("IRMZ") where DHHL beneficiaries and other native Hawaiians may practice traditional and cultural farming and food production.

1. The Draft GMP/EIS is Legally Deficient Under Federal and Hawai'i State Laws.

Over a hundred federal laws¹⁶ and Hawai'i state laws are applicable to the NPS, and several are noteworthy and especially pertinent to the Draft GMP/EIS.

2. The Draft GMP/EIS Fails to Meet the Full Requirements under the National Environmental Policy Act and Hawai'i Environmental Policy Act Requirements.

The National Environmental Policy Act (hereinafter, "NEPA")¹⁷ established national environmental policy and goals for the protection, maintenance, and enhancement of the environment and provides a process for implementing these goals within the federal agencies.¹⁸

If the environmental consequences of a proposed federal undertaking may significantly affect the quality of the environment, an Environmental Impact Statement ("EIS") must be prepared.¹⁹ The Draft GMP/EIS properly concludes that the Kalaupapa NHP triggers NEPA and should comply with NEPA requirements.

3. NPS Failed to Integrate HEPA in The NEPA Planning Process.

Federal agencies "shall integrate the NEPA process with other planning at the earliest possible time to ensure planning and decisions reflect environmental values, to avoid delays later in the process, and to head off potential conflicts."²⁰ The NPS failed to integrate the Hawai'i Environmental Policy Act ("HEPA")²¹ process and requirements into its NEPA process.

The specific HEPA triggers involved here is a proposed action that involves (1) the use of state or county lands, (2) any use within any land classified as conservation district, (3) any use

¹⁶ DRAFT GMP/EIS, *supra* note 4: Appendix B 349-350.

¹⁷ National Environmental Policy Act, 42 U.S.C. §§ 4321 et seq. (2015).

¹⁸ National Environmental Policy Act, U.S. Environmental Protection Agency, <http://www.epa.gov/compliance/basics/nepa.html> (last visited May 30, 2015).

¹⁹ 40 C.F.R. § 1502.3.

²⁰ 40 C.F.R. § 1501.2.

²¹ Hawai'i Environmental Policy Act, H.R.S. § 343.

Hui Ho'opakele 'Āina's Comment Letter Regarding Kalaupapa NHP's GMP/EIS

June 3, 2015

Page 4 of 20

within a shoreline area, and (4) any use within any historic site as designated in the national register or Hawaii register. The Draft GMP/EIS involves these triggers, the NPS must integrate HEPA in the NEPA planning process. When actions are subject to both NEPA and HEPA, then cooperation amongst the appropriate federal and state agencies is expected in order to comply with both HEPA and NEPA requirements under one document."²²

Although HEPA was patterned after NEPA and its process and requirements substantially mirror those of NEPA, state law provides an additional requirement that is not present in NEPA. Namely, HEPA mandates submittal of a Cultural Impact Assessment (hereinafter, "CIA") as part of the environmental review process.²³ The Hawai'i Environmental Council promulgated Guidelines for Assessing Cultural Impacts (hereinafter "Cultural Guidelines") as part of the environmental review process to promote "responsible decision making."²⁴ These Cultural Guidelines provide a framework for agencies to ensure that their actions comport with the constitution, statutory laws, and court decisions that protect traditional and customary rights in Hawai'i (hereinafter, "T&C Rights").

T&C Rights are guaranteed under the Hawai'i State Constitution ("Hawai'i Constitution"), statutes, and court decisions. The Hawai'i Constitution reaffirms T&C Rights in Article XII, Section 7:

The State reaffirms and shall protect all rights, customarily and traditionally exercised for subsistence, cultural and religious purposes and possessed by ahupua'a tenants who are descendants of native Hawaiians who inhabited the Hawaiian Islands prior to 1778, subject to the right of the State to regulate such rights.

Hawai'i Revised Statutes ("HRS") section 1-1 instructs Hawai'i's courts to look to English and American common law decisions for guidance, except where they conflict with "Hawaiian judicial precedent, or . . . Hawaiian [custom and] usage" pre-dating 1892.²⁵ Courts look to kama'āina expert testimony as the foundation for authenticating Hawaiian custom and usage.²⁶ HRS section 7-1 states:

²² H.R.S. § 343-5(h).

²³ 2000 Haw. Sess. Laws Act 50.

²⁴ Guide to the Implementation and Practice of the Hawai'i Environmental Policy Act (2012), Office of Environmental Quality Control 2, http://oeqc.doh.hawaii.gov/Shared%20Documents/Misc_Documents/Guide%20to%20the%20Implementation%20and%20Practice%20of%20the%20HEPA.pdf (last visited June 1, 2015).

²⁵ H.R.S. § 1-1; *State v. Zimring*, 52 Haw. 472, 475 (1970) (citing *De Freitas v. Trustees of Campbell Estate*, 46 Haw. 425, 380 P.2d 762 (1963)).

²⁶ This was first discussed in *Application of Ashford* which relied on "reputation evidence" of a kama'āina, native person who was most familiar with the land, over a shoreline boundary dispute rather than accept the conclusions of a certified land surveyor. *Application of Ashford*, 50 Haw. 314, 440 P.2d 76 (1968).

Where the landlords have obtained, or may hereafter obtain, allodial titles to their lands, the people on each of their lands shall not be deprived of the right to take firewood, house-timber, aho cord, thatch, or ki leaf, from the land on which they live, for their own private use, but they shall not have a right to take such articles to sell for/profit. The people shall also have a right to drinking water, and running water, and the right of way. The springs of water, running water, and roads shall be free to all, on all lands granted in fee simple; provided that this shall not be applicable to wells and watercourses, which individuals have made for their own use.²⁷

Hawai'i courts have clarified T&C Rights in light of the above constitutional and statutory provisions. The court has found that Hawaiian T&C rights are protected on undeveloped lands.²⁸ The court has acknowledged that traditions exercised on "less than fully developed" lands might also warrant protection.²⁹ Most, if not all, of the land of the proposed Expansion area are undeveloped or less than fully developed lands. Kama'āina families access these lands for traditional subsistence activities and access to important cultural sites.

In *Pele Defense Fund v. Paty* ("Pele I"), the Hawai'i Supreme Court held that T&C Rights to gather may extend to other ahupua'a without benefit of tenancy if it can be demonstrated that this was the accepted custom and long-standing practice.³⁰ The court gave great weight to kama'āina evidence and acknowledged "traditional and customary rights associated with tenancy in an ahupua'a may extend beyond the boundaries of the ahupua'a."³¹ Similar to the testimony and affidavits submitted in Pele I, several kama'āina in the Hui utilize the North Shore to gather hihiwai and 'o'opu, and to engage in fishing, hunting, and gathering.

In *Ka Pa'akai* the court held that agencies have "statutory and constitutional obligations" to Native Hawaiians and one of those obligations is "to protect the reasonable exercise of customarily and traditionally exercised rights of Native Hawaiians to the extent feasible." It also mandated that state agencies must make an independent assessment regarding the potential impact of proposed actions on T&C practices in order to meet constitutional and statutory obligations to Native Hawaiians.³² The three factors that agencies must consider when making these assessments are:

²⁷ H.R.S. § 7-1.

²⁸ *Kalipi v. Hawaiian Trust Co.*, 66 Haw 1, 9, 656 P.2d 745, 750 (1982).

²⁹ *Public Access Shoreline Hawaii v. Hawai'i County Planning Commission*, 79 Hawai'i 425, 451, 903 P.2d 1246, 1272.

³⁰ *Pele Defense Fund v. Paty*, 73 Haw. at 620-21, 837 P.2d at 1272.

³¹ *See id.*

³² *Ka Pa'akai O Ka 'Aina v. Land Use Commission*, 94 Hawai'i 31, 7 P.3d 1068, 1083 (2000).

Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 6 of 20

“(A) The identity and scope of ‘valued cultural, historical, or natural resources’ in the petition area, including the extent to which traditional and customary native Hawaiian rights are exercised in the petition area;

(B) The extent to which those resources—including traditional and customary native Hawaiian rights—will be affected or impaired by the proposed action; and

(C) The feasible action, if any, to be taken ... by the [State and/or its political subdivisions] to reasonably protect native Hawaiian rights if they are found to exist.”³³

These factors, also known as the “Ka Pa‘akai framework,” are applicable to any State action affecting T&C Rights and practices, including those exercised by members of the Hui on the North Shore. Plan C fails to assess these factors in light of the Expansion. The NPS must coordinate with state agencies to complete a sufficient assessment.

In today’s modern society, access to traditional trail systems continues to be protected as a T&C Right. An implied dedication of a public right-of-way is established when there is intention and an act of dedication by the property owner, and an acceptance by the public.³⁴ The public trust doctrine also protects access along trails that run over government and private property. For trails that intersect with government property the State is required to establish rights-of-way across public lands to allow public access to beaches, game management areas, public hunting areas and forests. The Hawai‘i Constitution expands the public trust doctrine for Native Hawaiians in order to protect the exercise of their T&C Rights for subsistence, cultural and religious purposes. Members of the Hui have identified traditional trail systems that they have accessed for subsistence, cultural and religious purposes.

Plan C fails to acknowledge Native Hawaiians’ T&C Rights to gather resources, hunt, fish, and access traditional trail systems within the lands of the Expansion, and states that “[g]uidelines and/or a permit process have not yet been established for subsistence plant collecting or gathering plant materials for cultural use [v]isitors are prohibited from gathering plants within the park.”³⁵ Plan C states that the land “could be managed as a Preserve whereby traditional hunting, fishing, and collection would be allowed in accordance with State of Hawai‘i rules and regulations.”³⁶ However, following constitutional and statutory laws are not optional endeavors. The NPS must allow Hawaiians to exercise their T&C Rights to hunt, fish, gather, and access natural and cultural resources within the Kalaupapa NHP and the Expansion area.

³³ See *id.*

³⁴ *The King v. Cornwell*, 3 Haw. 154, 161 (1869).

³⁵ DRAFT GMP/EIS, *supra* note 4 at 82.

³⁶ See *id.* at xxiii.

The GMP/EIS’s failure to recognize T&C Rights of Hawaiians creates a potential risk of a future lawsuit if Native Hawaiians are denied their constitutional and statutory rights. The NPS and any state agencies that it partners with in the future should look to the state Cultural Guidelines to assess how Plan C and the Expansion in particular will impact T&C rights and practices.

4. Purpose and Need for the Expansion is Not Given.

The NPS is required to state the purpose and need for a proposed action in the EIS.³⁷ Although the Draft GMP/EIS states the purpose and need for a plan for the existing Kalaupapa NHP park boundaries, it does not state the purpose and need for the Expansion.

The Draft GMP/EIS states that the plan objectives are to: develop the purpose, significance, and interpretive themes; describe any special mandates; clearly define desired resource conditions and visitor uses and experiences; provide guidance for NPS managers; and ensure that the plan was developed in consultation with the public and interested stakeholders.³⁸ None of these adequately explain the purpose for the Expansion.

The Draft GMP/EIS states under the “Need for the Plan” section that the plan is necessary to guide the change in management direction once Kalaupapa has completed service to the last Hansen’s disease patients; cultural and natural resource management; future visitor use; issues regarding law enforcement jurisdiction; facilities preservation, maintenance, and construction; transportation and access; and future partnerships. None of these adequately explain the need for the Expansion.

The sub-section titled “Boundary Issues” under the “Need for the Plan” section states the need for future leases and cooperative agreements between the NPS, DHHL, Department of Land and Natural Resources (“DLNR”), Department of Health (“DOH”), Department of Transportation (“DOT”), and other religious and private entities.³⁹ Only one paragraph in this sub-section refers to the Expansion:

In 2000, the NPS completed a boundary study of the North Shore Cliffs on Molokai as a requirement of Public Law 105-355, entitled “Studies of potential national park system units in Hawai‘i” enacted on November 6, 1998. The study determined that the area met both suitability and feasibility standards for inclusion in the NPS system.⁴⁰

³⁷ 40 C.F.R. § 1502.13.

³⁸ DRAFT GMP/EIS, *supra* note 4 at 29.

³⁹ *See id* at 33.

⁴⁰ *See id* (emphasis added) (note added).

Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 8 of 20

The Draft GMP/EIS also refers to two other studies pertinent to the Expansion: Kalaupapa Settlement Boundary Study Along the North Shore to Hālawā Valley, Molokai (“North Shore Study”) and the Study of Alternatives—Hālawā Valley, Molokai (“Hālawā Study”), both completed in 2000. The Draft GMP/EIS summarizes these studies:

Both studies surveyed and analyzed the area’s natural and cultural resources and determined that they are of national significance. It was determined that management by the NPS and designating these areas as part of the national park system would provide the most effective long-term protection of the area and provide the greatest opportunities for public use. The recommended areas would complement and enhance the Draft GMP/EIS’s legislated purpose “to research, preserve, and maintain important historic structures, traditional Hawaiian sites, cultural values, and natural features” (Public Law 95-565, Sec. 102).

The NPS’s purpose and needs for the plan appear to be: 1) the Expansion area meets suitability and feasibility standards for inclusion in the NPS system; 2) the Expansion area’s natural and cultural resources are of national significance; 3) NPS management will provide the most effective long-term protection; and 4) NPS management will provide the greatest opportunities for public use.

The purpose and needs are not sufficient to justify the Expansion. Just because an area meets suitability and feasibility standards for inclusion in the NPS system does not mean that the area must or should be included. Much of the undeveloped land in Hawai‘i would likely meet the suitability and feasibility standards for inclusion, but it would be impractical and absurd for the NPS to attempt to acquire all of the areas in Hawai‘i that do.

The Hālawā and North Shore studies correctly concluded that the Expansion area contains natural and cultural resources of national significance, but the Draft GMP/EIS fails to state whether the studies found any threat to those resources. Without providing any proof of a threat or immediate danger to the natural and cultural resources, the finding of cultural and natural resources in an area is not sufficient for the NPS to include that area in its jurisdiction. Much of the undeveloped land in Hawai‘i would likely be found to contain natural and cultural resources of national significance, but it would be impractical and absurd for the NPS to attempt to acquire all of the areas in Hawai‘i that do.

Plan C fails to state why NPS management would provide the most effective long-term protection. The Molokai community and members of the Hui have always worked diligently to protect not only the Expansion area, but also the entire island of Molokai from developers and government actions that would have caused damage to natural and cultural resources. The NPS’s conclusion that it would stand as a better protector of Molokai than the Molokai community and the Hui is offensive. The Molokai community has diligently and passionately guarded its island from destruction of its natural and cultural resources for generations. No one is better suited and qualified to mālama (care for) Molokai than the people of Molokai.

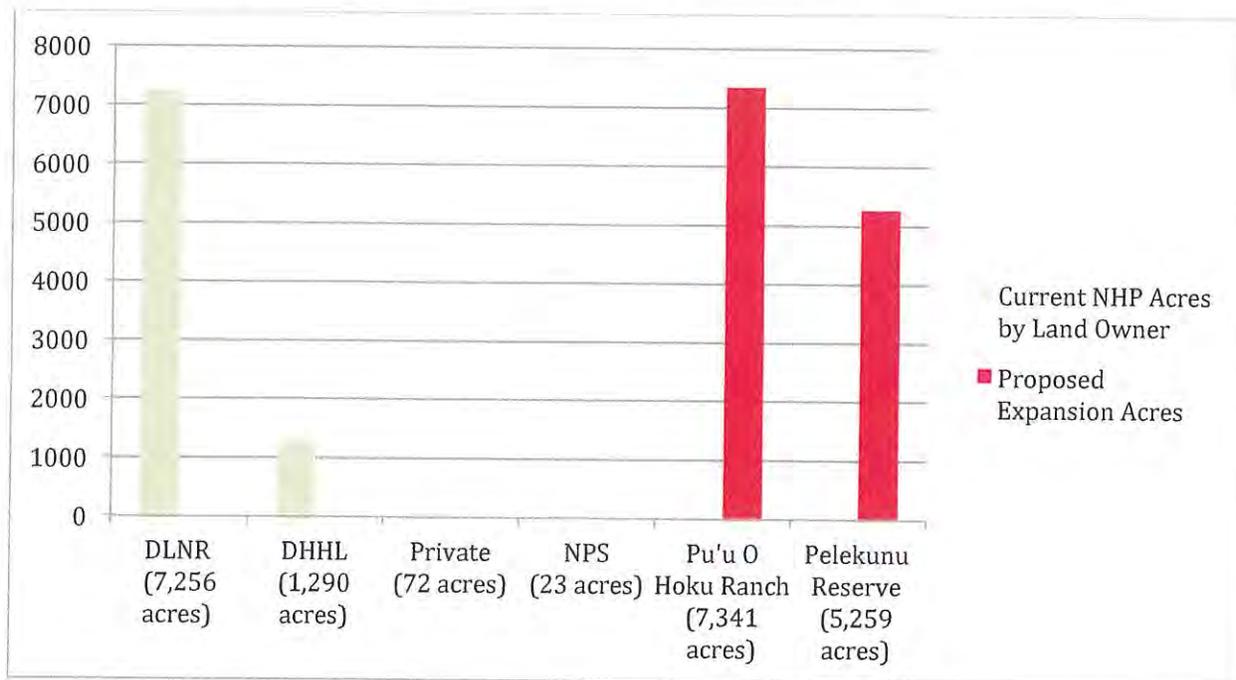
Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 9 of 20

Much of the Expansion area is not currently open to public use, and there is no need for the public to have access to it. It is accessed by individuals exercising their T&C Rights and by Molokai residents who hunt, fish, and gather food for their families’ subsistence. Allowing public access to the Expansion area is counter-intuitive and would not provide sufficient protection of the natural and cultural resources.

The Expansion is over-reaching and unnecessary. The NPS can successfully fulfill its purpose and provide adequate protection and preservation to the existing Kalaupapa NHP without the Expansion. The Expansion would result in a 148% increase in the park’s boundaries, giving the NPS jurisdiction over a total of 21,635 acres. The NPS, however, owns merely 23 acres on Molokai, making it the smallest landowner of Kalaupapa NHP by far.



The Expansion is a remarkably over-reaching land-grab in light of the upcoming end of NPS’s lease and the NPS’s dwarfed landownership share.

None of the above purposes and needs stated in the Draft GMP/EIS sufficiently justify the Expansion. The NPS should make the findings of both the Hālawā and the North Shore Studies available to the public for comment and consultation. The Draft GMP/EIS’s failure to state a sufficient purpose and need for the Expansion constitutes a violation of NEPA.

5. Environmental Justice was Improperly Ruled Out as an Impact Topic.

Executive Order 12898 (“EO”) directs each Federal Agency to “make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations,” including native

Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 10 of 20

populations.⁴¹ The accompanying Presidential Memorandum (“Memo”) emphasizes the importance of using the NEPA review processes to promote environmental justice.⁴² The Memo directs federal agencies to analyze the environmental effects, including human health, economic, and social effects, of their proposed actions on minority and low-income communities when NEPA requires an EIS to be completed. Environmental justice issues may arise at any step of the NEPA process and agencies should consider these issues at each and every step of the process.⁴³

In light of Executive Order 12898, the Council on Environmental Quality issued guidelines requiring federal agencies to consider six factors to determine any disproportionately high and adverse human health or environmental effects to low-income, minority, and tribal populations. The principles are: (1) consider the composition of the affected area to determine whether low-income, minority or Tribal populations are present and whether there may be disproportionately high and adverse human health or environmental effects on these populations; (2) consider relevant public health and industry data concerning the potential for multiple exposures or cumulative exposure to human health or environmental hazards in the affected population, as well as historical patterns of exposure to environmental hazards; (3) recognize the interrelated cultural, social, occupational, historical, or economic factors that may amplify the natural and physical environmental effects of the proposed action; (4) develop effective public participation strategies; (5) assure meaningful community representation in the process, beginning at the earliest possible time; (6) seek Tribal representation in the process.⁴⁴ The Draft GMP/EIS did not provide any explanation or analysis of its consideration of the above six factors.

Provisions of the Clean Air Act Section 309 require the EPA Administrator to comment in writing upon the environmental impacts associated with certain proposed actions of other federal agencies, including federal actions subject to NEPA. The EPA Administrator must also ensure that the effects on minority and low-income communities have been fully analyzed.⁴⁵ The

⁴¹ Exec. Order No. 12898, 50 Fed. Reg. 32 (Feb. 11, 1994), <http://www.archives.gov/federal-register/executive-orders/pdf/12898.pdf> (last visited June 6, 2015).

⁴² Presidential Memorandum of Understanding on Environmental Justice and Executive Order 12898 (Feb. 11, 1994), http://www.justice.gov/crt/about/cor/TitleVI/080411_EJ_MOU_EO_12898.pdf (last visited June 6, 2015).

⁴³ FINAL GUIDANCE FOR CONSIDERATION OF ENVIRONMENTAL JUSTICE IN CLEAN AIR ACT 309 REVIEWS, U.S. ENVIRONMENTAL PROTECTION AGENCY (July 1999) [hereinafter EPA GUIDANCE], http://www.epa.gov/compliance/resources/policies/nepa/enviro_justice_309review.pdf, (last visited June 6, 2015).

⁴⁴ ENVIRONMENTAL JUSTICE: GUIDANCE UNDER THE NATIONAL ENVIRONMENTAL POLICY ACT; COUNCIL ON ENVIRONMENTAL QUALITY (Dec. 10, 1997), http://www.epa.gov/environmentaljustice/resources/policy/ej_guidance_nepa_ceq1297.pdf (last visited June 6, 2015).

⁴⁵ EPA GUIDANCE, *supra* note 43 at § 2.1.

Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 11 of 20

comments must be made available to the public.⁴⁶ To account for potential environmental justice concerns, reviewers should be sensitive to whether affected resources, particularly natural resources important to traditional subsistence (e.g., hunting, fishing, gathering), are protected and to continue to sustain minority or low-income communities.⁴⁷ The analyses should be focused toward how potential effects to these resources may translate into disproportionately high and adverse human health or environmental effects on minority and/or low-income communities.⁴⁸

A minority community is identified by analyzing various sources including: data provided by state, county and local agencies; civic groups; and U.S. Census Bureau geographic data.⁴⁹ Agencies must evaluate potential impacts on native communities located beyond the geographic boundaries of the proposed action if the area is used for spiritual or subsistence purposes.⁵⁰ Members of the Hui and the Molokai community are a minority community that are located beyond the geographic boundaries of the Expansion and access the area for spiritual and subsistence purposes. According to the U.S. Census Bureau, the Native Hawaiian population comprises 25.89% of the entire population on Molokai.⁵¹ This is a significant percentage of the population, and supports the finding that the Environmental Justice Policy should apply to the Draft GMP/EIS.

A low-income community is identified by analyzing various sources including: U.S. Census Bureau Current Population Reports, Series P-60 on Income and Poverty; state and regional low-income and poverty definitions; and public outreach and other communication efforts that involve community members in defining their communities.⁵² According the U.S. Census Bureau, 20.94% of the entire population on Molokai is below the federal poverty threshold, and that number rises to 24.00% for Native Hawaiian households.⁵³ This is a significant percentage of the population, and supports the finding that the Environmental Justice Policy should apply to the Draft GMP/EIS.

Once the potential for adverse effects to a minority or low-income community is identified, agencies should analyze how the environmental and health effects are distributed within the affected community.⁵⁴ Agencies must state how it came to the conclusion that an

⁴⁶ EPA GUIDANCE, *supra* note 43 at § 2.1.

⁴⁷ EPA GUIDANCE, *supra* note 43 at § 2.3.2.

⁴⁸ EPA GUIDANCE, *supra* note 43 at § 2.3.2.

⁴⁹ EPA GUIDANCE, *supra* note 43 at § 3.0, Issue No. 1.

⁵⁰ EPA GUIDANCE, *supra* note 43 at § 3.0, Issue No. 1.

⁵¹ This percentage was calculated from data found on the U.S. Census Bureau’s website for the four Molokai zip codes: 96770, 96729, 96757, and 96748. Raw data sets can be accessed online by entering each zip code. COMMUNITY FACTS, AMERICAN FACT FINDER, U.S. CENSUS BUREAU, http://factfinder.census.gov/faces/nav/jsf/pages/community_facts.xhtml (last visited June 7, 2015).

⁵² EPA GUIDANCE, *supra* note 43 at § 3.0, Issue No. 2.

⁵³ *See supra* note 51.

⁵⁴ EPA GUIDANCE, *supra* note 43 at § 2.3.3.

impact may or may not be disproportionately high and adverse.⁵⁵ The analysis and findings should be documented by the agency, including whether a disproportionately high and adverse health or environmental effect is likely to result from the proposed action and any proposed alternatives. Also, the EIS should identify how the action agency ensured that the findings were communicated to the public.⁵⁶ NEPA and the EPA require that all reasonable alternatives must be analyzed rigorously and objectively. The Draft GMP/EIS properly concluded that the Kalawao County does contain both minority and low-income communities. However, the NPS dismissed Environmental Justice as an impact topic because in its opinion it had solicited public participation; Plan C “would not result in any identified effects that would be specific to any minority or low-income population or community”; and the NPS “consulted and worked with the affected Native Hawaiian organizations and will continue to address the effects to traditional subsistence, religious, and ceremonial practice of Native Hawaiians and respond to the Hui’s and other NHO’s objections. Rather than concluding that the Expansion will have no adverse effects on a minority or low-income community, the NPS must implement mitigation measures to address those effects.

Agencies must implement mitigation measures to address effects, and “public participation efforts should be designed and conducted to ensure that effective mitigation measures are identified and that the effects of any potential mitigation measures are realistically analyzed and compared” and can include establishing a community oversight committee to monitor progress and identify potential community concerns.⁵⁷ The EPA may require the agency to submit to monitoring and reporting. Failure to implement effective mitigation measures may result in consequences and penalties imposed by the EPA upon the agency.

6. The Draft GMP/EIS Failed to Meet NHPA’s Section 106 Process Requirements.

The NHPA set the federal policy for preserving our nation’s heritage and to protect it from rampant federal development, after “more than a century of struggle by a grassroots movement of committed preservationists.”⁵⁸ The NHPA is codified in the Code of Federal Regulations’ Protection of Historic Properties, which provides detailed measures for compliance with the requirements of the NHPA.⁵⁹

When an action is deemed to be a “federal undertaking” and may affect a registered historic property or an area that would be eligible for registration as a historic property, then the “Section 106 Process” is triggered.⁶⁰ A federal undertaking “means a project, activity, or

⁵⁵ EPA GUIDANCE, *supra* note 43 at § 2.3.3.

⁵⁶ EPA GUIDANCE, *supra* note 43 at § 2.3.3.

⁵⁷ EPA GUIDANCE, *supra* note 43 at § 2.3.5.

⁵⁸ NATIONAL CONFERENCE OF STATE HISTORIC PRESERVATION OFFICERS, <http://www.ncshpo.org/nhpa1966.shtml> (last visited May 27, 2015).

⁵⁹ 36 C.F.R. § 800 (2000).

⁶⁰ *See id.* § 800.3.

Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 13 of 20

program funded in whole or in part under the direct or indirect jurisdiction of a Federal agency, including those carried out by or on behalf of a Federal agency; those carried out with Federal financial assistance; and those requiring a Federal permit, license or approval.”⁶¹ An effect “means alteration to the characteristics of a historic property qualifying it for inclusion in or eligibility for the National Register.”⁶² Historic property “means any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior . . . includ[ing] properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization (NHO) and that meet the National Register criteria.”⁶³

The NPS is a federal agency seeking to implement the Expansion presented in the Draft GMP/EIS. The Draft GMP/EIS is a project under the direct jurisdiction of the NPS and constitutes an undertaking. The Draft GMP/EIS has the potential to cause effects on an area that contains identified historic properties and is a property of traditional religious and cultural importance to a NHOs, including the Hui. Thus, the NHPA is applicable to the Draft GMP/EIS, and must comply with the Section 106 Process requirements. The NPS has properly begun the Section 106 consultation process, and released the Draft GMP/EIS in accordance with the Section 106 Process.

The Section 106 Process requirements for federal agencies include: (1) coordination with the appropriate State Historic Preservation Officer (hereinafter, “SHPO”);⁶⁴ (2) soliciting public participation through appropriate notice of proposed actions;⁶⁵ (3) “mak[ing]” a reasonable and good faith effort to identify any Indian tribes or Native Hawaiian organizations that might attach religious and cultural significance to historic properties in the area of potential effects and invite them to be consulting parties;⁶⁶ and (4) resolving adverse effects through continued consultation “with the SHPO and other consulting parties, including Indian tribes and Native Hawaiian organizations, to develop and evaluate alternatives or modifications to the undertaking that could avoid, minimize, or mitigate adverse effects on historic properties.”⁶⁷

The Draft GMP/EIS properly concludes that “[f]or the purposes of Section 106, the entire Draft GMP/EIS is [an] area of potential effect” and that “identified historic properties within the area of potential effect [] may be affected by the proposed undertaking.”⁶⁸

The Draft GMP/EIS shows, however, that the NPS has not adequately consulted with all the relevant NHOs to make a determination that there will be “no adverse effect” to cultural and

⁶¹ See *id.* § 800.16(y).

⁶² See *id.* § 800.16(i).

⁶³ See *id.* § 800.16(l)(1).

⁶⁴ See *id.* § 800.3(c).

⁶⁵ See *id.* § 800.16(e).

⁶⁶ See *id.* § 800.16(f)(2).

⁶⁷ See *id.* § 800.6(a).

⁶⁸ DRAFT GMP/EIS, *supra* note 4 at 171.

environmental resources.⁶⁹ The Draft GMP/EIS determined that the effects would be either “beneficial”, “negligible”, or “minor” to: values, traditions, and practices of Traditionally Associated People (“TAP”); cultural landscapes; water resources and hydrologic processes; marine resources - coastal reef, habitats and wildlife; fishing, hunting, and gathering; wild and scenic rivers; and sustainable practices.

Because Plan C failed to meet the requirements of the Section 106 process, a follow-up alternative, amendment or addendum to the Draft GMP/EIS is necessary to determine the scope of impact on resources to the greater Molokai community.

7. Cultural Landscapes, Ethnographic Resources, and Traditionally Associated People

The NPS defines TAP as “ethnic or occupational communities that have been associated with a park for two or more generations (40 years) . . . [and] assign[s] significance to ethnographic resources—places closely linked with their own sense of purpose, existence as a community, and development as ethnically distinctive peoples.”⁷⁰

The Draft GMP/EIS identifies the patient community as the only TAP that it currently consults with. The Draft GMP/EIS briefly mentions the displacement of a Pre-Settlement Native Hawaiian Community between 1865 and 1895 that resulted in “a loss of ancestral connections to the land and a loss of cultural knowledge and traditions relating to the landscape.”⁷¹ Although “NPS hopes to consult with these descendants about park resources and management,” it has not yet done so.⁷² The NPS must make a reasonable and good faith effort to identify and consult with these descendants and include them in every step of the Section 106 process. It has failed to do so.

The lands of the Kalaupapa National Park are owned by the Department of Hawaiian Homelands (“DHHL”), and are leased to the NPS. Therefore, the DHHL beneficiaries are stakeholders in the Draft GMP/EIS, and should be recognized as a TAP, however, the Draft GMP/EIS failed to do so. The Hui believes that the DHHL is making a good faith effort to consult with the beneficiaries, however the NPS should expressly include DHHL beneficiaries as a TAP in the Draft GMP/EIS.

TAPs “include more than Indians or other groups with clear ethnic boundaries . . . [and] can be defined by occupation or lifestyle.”⁷³ In determining whether to qualify a group as a TAP,

⁶⁹ See *id.*

⁷⁰ NATIONAL PARK SERVICE, MANAGEMENT POLICIES 2006, <http://www.nps.gov/policy/mp/policies.html> (last visited May 27, 2015).

⁷¹ DRAFT GMP/EIS, *supra* note 4 at 181.

⁷² See *id.*

⁷³ NATIONAL PARK SERVICE, PARK ETHNOGRAPHY PROGRAM, http://www.nps.gov/ethnography/training/A_TAP/overview.htm (last visited May 27, 2015)

the NPS should focus on "peoples' sense of place" and consider factors such as individuals' genealogy, knowledge of place names, detailed environmental knowledge, use and stewardship of resources, and lifestyles associated with home place and identity.⁷⁴ The NPS must make a reasonable and good faith effort to establish who these resource users are through assessments, studies, and interviews.⁷⁵ The NPS's failure to initially engage Molokai's traditionally associated people may have broader "implications for [cultivating] long-term relationships" and result in "troublesome political repercussions" when a climate of caution results from a failure to initiate conversations earlier on.⁷⁶ The NPS must "assume a more aggressive, proactive form of consultation" so that TAPs and NHOs "may be heard as they are often ignored through conventional assessment methods."⁷⁷

8. NPS Failed to Engage in a Comprehensive Consultation Process and Negotiate a Consensus-Driven Agreement among State Actors and NHOs

Consultation is defined as "the process of seeking, discussing, and considering the views of other participants, and, where feasible, seeking agreement with them regarding matters arising in the Section 106 process."⁷⁸ This consultation process is critical "so that a broad range of alternatives may be considered during the planning process for the [federal]undertaking."⁷⁹ Here, the NPS was required to make a reasonable and good faith effort to identify all NHOs and invite them as consulting parties. This also includes individuals who may no longer live near to the project area, but have ancestral ties or associate religious and cultural significance to the area. Many of the original families that associated Kalaupapa as their ancestral home but were relocated to make way for quarantine of Hansen's disease patients were likely not consulted in this process.

While the Draft GMP/EIS listed individuals and groups to consult with, in practice, the NPS has done little to meet the rigorous consultation requirements under Section 106, NHPA. The NPS had not adequately consulted beforehand with all relevant NHOs and TAPs to substantiate its determination in the GMP that there will be "no adverse effect" to cultural resources."⁸⁰

quoting Dr. Muriel 'Miki' Crespi, Chief Ethnographer, Archeology and Ethnography Program, National Ctr. for Cultural Resources; some examples of TAPs are: sport fishermen in Cape Cod; gangs, nudists, pagans, and ORV users at Indiana Dunes National Park; and orchard farmers at Capitol Reef [hereinafter Ethnography Program]).

⁷⁴ *See id.*

⁷⁵ *See id.*

⁷⁶ *See id.*

⁷⁷ *See id.*, *quoting* Professor Benita J. Howell, Professor of Anthropology, The University of Tennessee.

⁷⁸ 36 C.F.R., § 800.16(f).

⁷⁹ 36 C.F.R., § 800.1(c).

⁸⁰ *See id.*

One member of Hui Ho‘opakele ‘Āina was informed that a recent 3-hour webinar of which one hour was taken up to describe the GMP and the two remaining hours open for Q&A sufficed to meet NPS’ Section 106 consultation obligations. That webinar was poorly attended with only a handful of private individuals and with mostly state and federal government agency representatives present.

Plan C’s Expansion includes the area known as the “North Shore” on Molokai from which many “Topside Community”⁸¹ families procure certain resources that are critical to their survival and subsistence living.⁸² The NPS has failed to work aggressively and proactively to determine who those stakeholders are, expressly include them as a TAP, and consult with them directly throughout and after all stages of the Section 106 Process. Failure to do so could damage long-term relationships with the community, and result in negative political, social, and legal consequences.

One way that the NPS must consult with the Topside Community and NHOs is through the ‘Aha Kiole o Molokai, the island’s local decision-making body which is part of the larger Statewide ‘Aha Moku Advisory Committee (“AMAC”). The AMAC advises the State Department of Land and Natural Resources (“DLNR”) on natural and cultural resource management issues that impact Native Hawaiian rights and traditional religious and subsistence practices.

The NPS has repeatedly ignored the Molokai community’s strong opposition to the Expansion and any management by the federal government. The Hālawā and North Shore Studies’ findings that the Expansion areas would be best protected under NPS management “were not widely supported locally” and “the position of the local community favored local community management of the North Shore over any management by non-Molokai entities and state and federal agencies.”⁸³ The NPS ignored this community consensus, preferring to adopt Plan C, which includes the federal management of the Expansion area.

Plan C’s failure to engage in a comprehensive consultation process and negotiate a consensus-driven agreement among state actors and NHOs constitutes a violation of NHPA’s Section 106 process.

9. Water Resources

Molokai has largely been considered a barren land with limited freshwater resources.⁸⁴ The valleys on the North Shore are the only areas that receive steady rainfall year-round with

⁸¹ “Top Side Community” are Molokai residents who do not live in Kalaupapa, and are not able to engage in the DHHL consultation process as beneficiaries.

⁸² JON K. MATSUOKA ET AL., MOLOKAI: A STUDY OF HAWAIIAN SUBSISTENCE AND COMMUNITY SUSTAINABILITY 33 (Marie D. Hoff, 1st ed. 1998).

⁸³ See *id* at 87 (emphasis added).

⁸⁴ See GUPTA, *supra* note 10 at 5.

heavy rains in the winter.⁸⁵ The Expansion includes many of the valleys on the North Shore, which are vital watershed resources capable of sustaining traditional lo‘i and other traditional methods of farming. The valleys, streams, and watersheds on Molokai should remain as they are until they can be restored to their historic, traditional use, once again making Molokai ‘Āina Momona, the land of plenty.⁸⁶ Water is “at the center of sustainable taro culture” and is life-giving to Hawaiians.⁸⁷ Studies show that taro lo‘i require an average of 260,000 gallons per acre, per day.⁸⁸

Plan C’s analysis covers only the effects of climate change, construction and maintenance of buildings, and water diversion from Waikolu streams. It concludes that the impact on water resources from these factors will be adverse, and names climate change as the “dominant factor influencing water resources.”⁸⁹ Plan C does not provide a future strategy for the rivers, streams, and watershed resources within the Expansion, nor does it assess any impact on the water resources within the Expansion.

The Draft GMP/EIS’s failure to assess impacts to the water resources within the Expansion constitutes a violation of NHPA’s Section 106 process.

10. Fishing, Hunting, and Gathering

The Governor’s Molokai Subsistence Task Force Final Report showed that 87% of Molokai residents depend, in varying degrees, upon resources obtained through fishing, hunting, and gathering for their families’ subsistence.⁹⁰ The subsistence study indicates that Molokai residents are, for the most part, able to successfully fish, hunt, and gather the resources necessary for their families’ survival. Seventy-two percent of the respondents stated that “they were still able to fish, hunt, and gather” without interference.⁹¹ Molokai families access land and ocean resources that are included in the proposed Expansion area considered in the Kalaupapa GMP/EIS.

The Draft GMP/EIS states that “hunting would continue to be permitted per State of Hawai‘i hunting regulations.” This conclusion, however, forecloses any consideration of alternative hunting management models. One alternative is the model adopted by the

⁸⁵ DRAFT GMP/EIS, *supra* note 4 at 20.

⁸⁶ See GUPTA, *supra* note 10 at 5.

⁸⁷ DAVID C. PENN, WATER NEEDS FOR SUSTAINABLE TARO CULTURE IN HAWAI‘I 132 (University of Hawai‘i 1993).

⁸⁸ STEPHEN B. GINGERICH ET AL., WATER USE IN WETLAND KALO CULTIVATION IN HAWAI‘I 1 (Office of Hawaiian Affairs, U.S. Geological Survey 2007).

⁸⁹ DRAFT GMP/EIS, *supra* note 4 at 261.

⁹⁰ DONA HANAIKE ET AL., GOVERNOR’S MOLOKAI SUBSISTENCE TASK FORCE FINAL REPORT 43 (Jon Matsuoka et al. eds., Dept. of Business, Economic Development, and Tourism 1994) (“Subsistence Report”).

⁹¹ See *id.*

Department of Hawaiian Home Lands (hereinafter, “DHHL”) which turned over management of game hunting on the West End of Molokai to Hawaiian homesteaders in Ho‘olehua.⁹² Plan C assesses fishing, hunting, and gathering practices and impacts for the existing park boundaries, but fails to evaluate the impact the proposed Expansion will have upon these practices.

The NPS’s failure to assess impacts to fishing, hunting, and gathering practices within the proposed Expansion area constitutes a violation of NHPA’s Section 106 process.

11. Sustainable Practices

Studies show that if shipping operations to Hawai‘i were disrupted, “the state’s inventory of fresh produce would feed people for no more than 10 days.”⁹³ Hawai‘i is alarmingly dependent upon food that it is not grown here. Rather than providing a solution to the food problem, big agricultural companies use Hawai‘i as a major testing ground for their pesticides and genetically modified foods, increasing the risk of residents contracting diseases, cancers, and respiratory problems.⁹⁴

Prior to Western contact, Hawai‘i’s resource system was based on community sharing and careful management of resources.⁹⁵ Hawaiians believed the ali‘i⁹⁶ were divinely appointed to (“administer”) the ‘āina⁹⁷ for the benefit of the gods and society as a whole.⁹⁸ The ali‘i appointed konohiki⁹⁹ to manage ahupua‘a.¹⁰⁰ Konohiki “were masterful managers who possessed a deep knowledge of the natural resources of their ahupua‘a.”¹⁰¹ They were “stewards of their

⁹² MATSUOKA ET AL., *supra* note 82 at 41.

⁹³ Maureen N. Mitra, *Trouble in Paradise: Hawaiians Push Back Against Big Ag*, EARTH ISLAND JOURNAL, Spring 2014, at 18-23.

⁹⁴ *See id.*

⁹⁵ LILIKALĀ KAME‘ELEIHIWA, NATIVE LAND AND FOREIGN DESIRES: PEHEA LĀ E PONO AI? 26-29 (1992).

⁹⁶ *Ali‘i*: Chief, chiefess, officer, ruler, monarch, peer, headman, noble, aristocrat, king, queen, commander; MARY KAWENA PUKUI & SAMUEL H. ELBERT, HAWAIIAN DICTIONARY 20 (rev. & enlarged ed. 1986).

⁹⁷ ‘Āina: Land, earth; PUKUI & ELBERT HAWAIIAN DICTIONARY, *supra* note 96, at 11.

⁹⁸ 1 NATIVE HAWAIIANS STUDY COMM’N, REPORT ON THE CULTURE, NEEDS AND CONCERNS OF NATIVE HAWAIIANS 254 (1983), *available at*

<http://babel.hathitrust.org/cgi/pt?id=mdp.39015034241094> (last visited April 13, 2014)

⁹⁹ *Konohiki*: Headman of an ahupua‘a land division under the chief; land or fishing rights under control of the konohiki; *supra* note 96, at 166.

¹⁰⁰ *Ahupua‘a*: Land division usually extending from the uplands to the sea, so called because the boundary was marked by a heap (ahu) of stones surmounted by an image of a pig (pua‘a); *supra* note 96, at 9; KAME‘ELEIHIWA, *supra* note 95, at 30-31.

¹⁰¹ John N. Kittinger PhD, *Konohiki Fishing Rights*, GREEN MAGAZINE HAWAI‘I, October 2009, at 45, *available at*

resources and communities . . . charged with safeguarding the production and perpetuation of the ‘āina and sea resources in their ahupua‘a.”¹⁰² This complex system of aloha ‘āina (literally, “love of land”) enabled a high level of productivity, ensured that all members of the ahupua‘a, from the ali‘i to the maka‘āinana¹⁰³ were provided for, and that the resources were never overtaxed.¹⁰⁴

Under this traditional system of aloha ‘āina, Kalaupapa thrived as a “garden paradise” to Hawaiians, and “wall after wall after wall” of agricultural gardens still remain.¹⁰⁵ Molokai was then known as an island of ‘āina momona,¹⁰⁶ producing enough surplus food to feed neighboring islands. Now, more than ever, Hawai‘i needs Molokai and her verdant valleys to return to a state of plentiful abundance. Hawai‘i’s emancipation from its dependency upon food shipments would go a long way in truly achieving environmental and food sustainability in the future.

The Draft GMP/EIS completely missed the mark in assessing future sustainable practices, and failed to see the “bigger picture” for the future of Molokai’s north shore. The Draft GMP/EIS states that it will fulfill its object of implementing sustainable practices by designing energy and water-efficient facilities, limiting the number of vehicles used, bicycle use, recycling, and by installing supposed “environmentally friendly” CFL light bulbs that release “cancer-causing chemicals” when switched on.¹⁰⁷ While all of these initiatives (with the exception of the CFL light bulbs) will contribute to sustainability efforts, their cumulative effects will be negligible, and should be considered “best practices” rather than a plan for sustainability.

Because the Draft GMP/EIS failed to offer any substantial plan for sustainability within the existing park, it is not a qualified steward to take over management of the areas within the Expansion.

12. Conclusion and Recommendations

The Plan misses the mark when it comes to the larger history of the Hawaiians and their culture, especially those who loss their lands and were displaced. It also misses the mark when it

http://www.researchgate.net/publication/258133637_Konohiki_Fishing_Rights (last visited May 30, 2015).

¹⁰² *See id.*

¹⁰³ *Maka‘āinana*: Commoner, populace, people in general; citizen, subject; PUKUI & ELBERT HAWAIIAN DICTIONARY, *supra* note 96, at 224.

¹⁰⁴ Kittinger, *supra* note 101.

¹⁰⁵ Kalaupapa Videotape, *supra* note 9.

¹⁰⁶ *‘Āina momona*: literally “fat land”; an abundant land, or land of plenty; Molokai was known as the land of “fat fish and kukui nut relish,” Clair Gupta, *Food Sovereignty: A Critical Dialogue*, YALE UNIVERSITY AGRARIAN STUDIES, Sept. 14-15, 2013 at 5,

http://www.yale.edu/agrarianstudies/foodsovereignty/pprs/70_Gupta_2013.pdf (last visited May 30, 2015).

¹⁰⁷ 5A-38 Lawyers' Medical Cyclopedia § 38.45c.

Hui Ho‘opakele ‘Āina’s Comment Letter Regarding Kalaupapa NHP’s GMP/EIS

June 3, 2015

Page 20 of 20

comes to the future of the DHHL Hawaiians who own the lands. Last but not least, the plan does little to recognize or mitigate the future impacts on the people who live on Molokai. The plan calls for the acquisition of thousands of acres of important agricultural lands, which hold the food security future of Molokai.

The plan calls for the Hawaiians and their culture to be treated as a museum piece that needs to be “protected and preserved” so as to be put on display for the American public. In contrast, the consultation process showed a clear voice for the need of a working group or task force consisting of DHHL beneficiaries and OHA beneficiaries along with the NPS. It is clear that these beneficiaries saw Kalaupapa as an integral part of their future with resources that needed to be not only protected, but more importantly, used traditionally and “enhanced.”

A working group task force is critical to address the many unanswered concerns raised during the consultation process of the DHHL land owners and the community of Molokai, here are a few of the deficiencies in the Draft GMP/EIS that must be addressed:

- Restoration plans for Waikolu Valley were not adequately addressed in the Draft GMP/EIS. Special management areas and focus areas are needed to address indigenous peoples concerns and needs.
- Recognition and Benefits to displaced Hawaiian families; DHHL Homesteaders; and the Molokai community overall were either not addressed or are woefully lacking.
- The Draft GMP/EIS fails to recognize constitutional and statutory protections of traditional and customary Hawaiian rights.
- The Draft GMP/EIS fails to acknowledge and integrate the provisions in the United Nations Declaration on the Rights of Indigenous People (hereinafter, “UNDRIP”) that has been adopted by the United States and incorporated into the Section 106 consultation process.
- The NPS failed to recognize and consult with the ‘Aha Kiole o Molokai, the local decision-making body associated with the Statewide ‘Aha Moku system for natural and cultural resource management.

We oppose the following actions proposed by NPS:

- The proposed Expansion of the Park boundaries.
- Any new federal designations of Molokai’s north shore cliffs and rivers
- The inclusion of Pala‘au State Park which is part of DHHL’s management as part of the overall Kalaupapa NHP GMP. Federal NPS boundaries should include only the one “look out” and trail head areas.

We request the following:

- Recognize a prioritized multi-layered definition of the users of the park: DHHL members, Hawaiian families who were displaced in 1865, Molokai top side community, general public.

ITEM G-1

EXHIBIT C

Hui Ho'opakele 'Aina's Comment Letter Regarding Kalaupapa NHP's GMP/EIS

June 3, 2015

Page 21 of 20

- Establish an "Advise and Consent" decision-making agreement with a "Top Side" community panel for management of the park.
- Initiate a management "Partnership" relationship with DHHI and NPS besides just a lease agreement.
- Allow "special" DHHI homesteading in Integrated Resources Management Areas.
- Designate "Special Use Areas" or "Focus" areas in the Integrated Resource Management Zone to allow for living, traditional Hawaiian activities such as lo'i cultivation and homesteading.
- Maintain "Kalaupapa County" as a separate county from Maui County.
- Establish a budget for "invasive plant removal" of the Integrated Resources Management Zone.
- Protect Waikolu River from further water diversions.
- Law enforcement within the Kalaupapa NHP should remain in accordance with State and County laws. Residents should not be subjected to federal laws and NPS workers should not be "deputized" in a manner that imposes egregious or aggressive enforcement of federal laws that fail to respect traditional and customary Hawaiian rights.

In conclusion, the Draft GMP/EIS fails to sufficiently acknowledge the impact the establishment of the Park has had on the larger Hawaiian community and the Hawaiian homestead community who have been denied access to these Trust resources -- and who need these Trust resources. The GMP/EIS treats the Park's continued control of our lands as a foregone conclusion. While we recognize the need to honor the many patients who have lived in Kalaupapa, this area also has a larger history and needs to be returned to Moloka'i. That option was not even contemplated as an option under the Draft GMP/EIS. Therefore we find this plan inadequate and are asking the NPS to conduct a revised DEIS or a supplemental DEIS to include an option whereas DHHI lands are returned to the people of Moloka'i.

Sincerely,



Walter Ritt

Hui Ho'opakele 'Aina

ITEM G-1
EXHIBIT C

Phone Comments Re: Kalaupapa GMP

Daniel Keomaka

May 14, 2015

Phone Call – 11:25 am

- Last 5 survivors – Does the State takes over?
- First experience in Moloka'i in 1968 – picked pineapple
- I applied for pastoral lands – at that period, claimed cattle had virus, but because Moloka'i Ranch didn't kill cattle, no awards given
- Even dreaming of going to Moloka'i is out – if I was put on when I was supposed to be put on, then I would have had a chance; I was a great worker
- Took a survey every year – census every year – they knew who was Hawaiian – State was the trustees – they did a lousy job of awarding me, now I'm cripple
- I went to Kalaupapa and 2 aunties who lived down there
- I love that place and took me back in time
- I would like to see Kalaupapa stay the way it is
- Put all of the AIDS patients down to Kalaupapa; can't see people spreading sexual diseases; From leprosy to AIDS, to contain disease
- No sense in sending me any letters about any land because I'm 62 now.

Lurline Badeax

808-668-6151

May 22, 2015

Phone Call – 5:45 pm

- I have a 2.5 acre farm lot in Kalama'ula
- I can't make the meeting
- I am ok with whatever they decide on Kalaupapa; it's ok with me

Ka 'Ohana O Kalaupapa

"E Ho'ohanohano a E Ho'omau . . .
To Honor and To Perpetuate"

Ka 'Ohana O Kalaupapa Board of Directors

Clarence "Boogie" Kahilihiwa
President

Pauline Ahulau Chow
Vice President

Pauline Ka'iulani Puahala Hess
Treasurer

Sister Davilyn Ah Chick, OSF
Director

Mark Ellis
Director

Sol Kaho'ohalahala
Director

Colette Machado
Director

Gloria Marks
Director

Aulani Shiu
Director

Jason Umemoto
Director

Charmaine Woodward
Director

Valerie Monson
Coordinator and Secretary

June 8, 2015

Erika Stein Espaniola, Superintendent
Kalaupapa National Historical Park
PO Box 2222
Kalaupapa, Hawaii 96742

Dear Erika,

The Board of Directors of Ka 'Ohana O Kalaupapa thanks the National Park Service for recognizing the importance of creating and implementing a General Management Plan for Kalaupapa National Historical Park. We trust that the Park Service will seriously consider our comments that are listed below. We believe our recommendations will make the plan stronger and more inclusive.

Ka 'Ohana O Kalaupapa is a nonprofit organization made up of Kalaupapa residents, family members and longtime friends. Since we organized in 2003, our President has always been a Kalaupapa resident – first Kuulei Bell and now Boogie Kahilihiwa. We have two other Kalaupapa kupuna on our Board as well as seven family members and two longtime friends. Eight of our 12 Directors are Native Hawaiians. Our mailing list now includes more than 1,200 individuals.

The 'Ohana continues to support the Position Paper we submitted to the Park Service in 2009 following the first round of public hearings – as well as the comment letter we submitted following the second round of hearings in 2011.

We trust that the project leaders of the GMP will reach out to Ka 'Ohana O Kalaupapa when preparing the revisions to give the 'Ohana its due recognition and include language that recognizes the 'Ohana as a long-term partner already in charge of certain programs related to Kalaupapa.

The 'Ohana is also concerned about how the final plan will be determined – what is the decision-making process of the NPS? As you have heard, members of the public have expressed frustrations that they have been involved in the GMP process since 2009 or after and yet they feel their voices have not been heard. What weight do public comments carry as opposed to the opinions of the NPS administration, most of whom are located outside of Hawai'i?

These are our comments about the proposed General Management Draft issued in April, 2015:

There is little mention of Ka 'Ohana O Kalaupapa. It is quite disappointing that there is barely any mention of Ka 'Ohana O Kalaupapa in the GMP considering all that the 'Ohana has done in the past 12 years in advocating for the Kalaupapa community, assisting family members in learning about their ancestors, developing educational programs and public presentations that have been traveling around the islands for the past few years and working for preservation of

this important history. The 'Ohana also has been assigned a house at Kalaupapa by the Department of Health for use as a headquarters and future museum to honor the wishes of Bernard Punikai`a. The 'Ohana should be included as a long-term partner in the GMP and be given credit for the many improvements and programs we have made possible. It's also disappointing that the Position Paper we submitted in 2009 to NPS is not even included among the several plans and documents used to prepare the GMP – it is simply referenced. Our Position Paper was written with the input of the Kalaupapa community and endorsed by the Board of Trustees of the Office of Hawaiian Affairs and now-Senator Mazie Hirono among others.

The plan fails to recognize the programs developed by the 'Ohana while proposing that the NPS duplicate them using taxpayer money. NPS is now proposing to develop programs to reach out to the families of Kalaupapa and schools, conduct public presentations and create exhibits – projects already created, funded and made highly successful by Ka 'Ohana O Kalaupapa. Several years ago, the 'Ohana saw the need for this outreach and we have since reached thousands of students, family members and other members of the public across Hawai'i. Our "Restoration of Family Ties" program has helped more than 500 families reconnect with their ancestors – we have information on more than 7,200 people sent to Kalaupapa in our digital library from our research of public archives. Three of our programs have been presented with Preservation Awards by the Historic Hawai'i Foundation.

Since 2011, we have visited almost every island at least once a year – except Ni`ihau -- and most of those islands we have visited more than once a year in our efforts to seek out more families and provide the public with an opportunity to hear about our work. Our schools outreach program has grown to the point where we now have a team of Hawaii educators beginning to work on curriculum on how to include the history of Kalaupapa in classrooms. Our traveling exhibits have appeared at UH-Manoa, six community colleges, museums, public places and we are now going into the high schools. The 'Ohana hopes that the NPS would support these programs already developed and being conducted by the 'Ohana and not use taxpayer money for duplicate purposes.

The Kalaupapa Memorial is barely mentioned in the 325-page plan. The Kalaupapa Memorial is barely mentioned in the GMP and we believe it will be the most significant addition to Kalaupapa over the next several years. The Memorial should be included as a project common to all alternatives.

In addition there are two serious mistakes about the Memorial that need to be corrected in the final GMP. On Page 37, it states that the Memorial will be located "near" the former Baldwin Home for Boys. This is not correct – it will be located within the rock walls of the former Baldwin Home which is now open space. This has been the preferred location of Kalaupapa residents for many years. The second error is on page 226 where it states the legislation passed by Congress and signed into law by President Obama authorizes the 'Ohana to "install" the Memorial. Again, this is not correct. The law authorizes the 'Ohana to "establish" the Memorial which we are doing – we will build the Memorial and lead the operations and maintenance. These corrections need to be made to the final GMP.

We do not support the proposed boundary amendments where NPS would acquire lands within Pelekunu and Halawa valleys. When Kalaupapa National Historical Park was established in 1980, it was at the invitation of the people of Kalaupapa to preserve their lifestyle and the important history at Kalaupapa. It appears these new lands could

be the start of the North Shore National Park where recreation could be emphasized rather than the human history of Kalaupapa. The draft GMP states that the current NPS staff at Kalaupapa would be responsible for managing this additional 12,000 acres. Considering that the NPS had to furlough staff in the summer of 2014 because of economic cutbacks, we believe that the programs at Kalaupapa could suffer if staff is also responsible for these additional lands.

We also believe that the proposal for the NPS to take over these lands has a direct impact on all the people of Molokai. It is disappointing that it appears that the NPS has already been involved in serious discussions with the landowners about obtaining these lands, but without public input until now. The comments of residents of Kalaupapa and upper Molokai need to be carry additional weight in the final decision to acquire these lands.

More serious discussion need to take place with the beneficiaries about homesteading in the future at Kalaupapa. There still seems to have been little discussion about homesteading at Kalaupapa other than meetings with officials (we are aware of the meeting held last month with beneficiaries on upper Molokai). The NPS currently has a lease for approximately 1,300 acres of Hawaiian Homelands that make up the ahupua`a of Kalaupapa – this lease expires in 2041. For the past 11 years, the 'Ohana has been encouraging NPS and DHHL to have discussions about the future not only with DHHL officials in Kapolei, but with the beneficiaries, those who have lots and those on the wait list. These discussions – not lip service -- simply must happen or people will feel left out when a decision is made. One meeting every few years is not sufficient.

If homesteading is allowed, can preference for homesteads be given to descendants of those sent to Kalaupapa because of government policies regarding leprosy and/or the kama`aina who were there when the settlement was started? These individuals would carry on the legacies of their ancestors in the very place where they lived.

In addition, the 'Ohana continues to support our 2009 Position Paper where we stated that we oppose any land exchange between the Department of Hawaiian Homelands and the NPS or any other federal agency for the land at Kalaupapa.

A cap for visitors must be set. There is no set number for visitors allowed at Kalaupapa per day in Alternatives C and D – although during public hearings held in May, 2015, NPS officials stated that there was a “facility capacity” of about 300 persons per day at Kalaupapa. This is a dangerously high number that could destroy any preservation efforts at Kalaupapa.

As we all know, there is currently a limit of 100 visitors a day – this number was determined by the Kalaupapa community. In the future, there must be a set number of visitors. The visitor cap should be reviewed annually. Too many visitors at Kalaupapa will quickly ruin the special feeling one gets of being on sacred ground. In the Position Paper submitted in 2009, Ka 'Ohana O Kalaupapa recommended that when there are no longer individuals who were once isolated under the old laws living at Kalaupapa, there should be a limit of 150 day-only visitors with a limit of 25 overnight visitors. These numbers should also be reviewed annually – and lowered, if necessary, to protect the resources. The 'Ohana also recommended that family members be given preference for visitation.

There still seems to be an emphasis on visitors, but little mention of family members or Native Hawaiians. As we started in our 2011 comment letter, family members should

not be considered visitors in the land of their ancestors and Native Hawaiians should not be considered visitors in their own land. Preference to visit Kalaupapa should always be given to family members and Native Hawaiians.

As we stated in our 2011 comment letter, Native Hawaiian access rites must be recognized. We do not see this addressed in any of the alternatives – Native Hawaiian access rites should be common to all alternatives. Some Hawaiians have expressed interest in growing kalo in Waikolu Valley or having access to other parts of the Makanalua peninsula for agricultural purposes, gathering rites and spiritual practices. These proposals have merit and should be pursued with ongoing discussions on how to allow this access without destroying the resources or sacred feeling of Kalaupapa.

Kalaupapa will always be a place – not a park. It is troubling that the NPS continually references Kalaupapa as “the park.” To many of us who have been connected to Kalaupapa for many years, Kalaupapa is a community and the home or final resting place of ancestors and loved ones. Kalaupapa National Historical Park has certainly become an important part of Kalaupapa, but Kalaupapa is not -- and will never be -- “a park.”

Members of Ka 'Ohana O Kalaupapa – and others from the public -- should be allowed to fill vacant seats on the Kalaupapa National Historical Park Advisory Commission. The application process to the KNHP Advisory Commission should be posted on the KHNP website so more individuals are aware of any vacancies – and how they can apply. If Kalaupapa kupuna are no longer able to serve on the Commission or if there are other openings, family members and Native Hawaiians should be given first preference to fill any vacancy.

A Kalaupapa Task Force of interested parties should be created. This idea was suggested by Native Hawaiians on upper Molokai who have an interest in the future of Kalaupapa. There are many organizations involved at Kalaupapa in addition to the descendants of the kama`aina and those sent to Kalaupapa along with the Native Hawaiians on upper Molokai. A Task Force with representatives of all of these voices should be established so plans can be discussed with public input.

Ka 'Ohana O Kalaupapa should be consulted on decisions that will be made when there is no longer a living community of those who were sent there under the isolation laws – this is the land many of us or our ancestors called home. The 'Ohana should be an acknowledged voice in decision-making, especially on such key issues as those listed above.

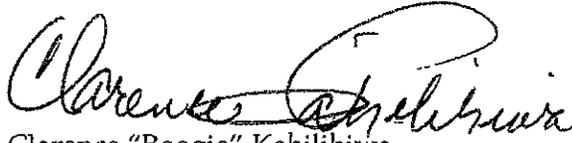
While this GMP was 325 pages long with many more pages attached, none of the written public comments received since 2009 were attached. All written comments, including the Position Paper of Ka 'Ohana O Kalaupapa, should be part of the final GMP in both electronic and print form. These comments will be an important part of the record for future reference.

We appreciate the opportunity to offer our concerns and recommendations. If you have any questions or would like to review any revisions, please contact our Coordinator, Valerie Monson, at vmonson@kalaupapaohana.org or 808-573-2746.

Ka 'Ohana O Kalaupapa hopes that our comments are helpful and we hope the National Park Service will accept additional comments that might arise at a later date and continue these discussions. We look forward to working with the Kalaupapa

community, the National Park Service and other interested parties in the future to preserve this important place and present the history of the people of Kalaupapa in the way they want to be remembered.

Mahalo nui loa,



Clarence "Boogie" Kahilihiwa
President

DAVID Y. IGE
GOVERNOR
STATE OF HAWAII



JOBIE M. K. MASAGATANI
CHAIRMAN
HAWAIIAN HOMES COMMISSION

SHAN S. TSUTSUI
LT. GOVERNOR
STATE OF HAWAII

WILLIAM J. AILA, JR.
DEPUTY TO THE CHAIRMAN

**STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS**

P. O. BOX 1879
HONOLULU, HAWAII 96805

July 15, 2015

Ms. Erika Stein Espaniola
Superintendent
Kalaupapa National Historic Park
P.O. Box 2222
Kalaupapa, HI 96742

Aloha Superintendent Espaniola:

Subject: Department of Hawaiian Home Lands Comments on Draft
General Management Plan for Kalaupapa National Historic
Park

Mahalo for the opportunity to provide comments on the Draft General Management Plan (GMP) with the identified Preferred Alternative, Alternative C. A comment letter from DHHL on the Preliminary Alternatives was previously submitted on Sept. 27, 2011 (See Exhibit A, attached). We refer to that letter for background information on our 1,290 acres of land holdings within the Kalaupapa National Historic Park (NHP) boundary and our lease with the National Park Service (NPS) encumbering 1,247 acres within Kalawao County.

We appreciate your and your staff's participation in the first of two Beneficiary Consultation meetings that were held on Molokai on May 26 and May 27, 2015. We also appreciate the effort NPS has made to analyze our previous comments and provide responses to some of them in the narrative of the Draft GMP.

That being said, there are still some areas that have not, in our opinion, been adequately addressed or discussed in the Draft GMP:

Issues Identified in DHHL's Previous Comment Letter

MOLOKA'I ISLAND PLAN

1. Please discuss or reflect DHHL's previous request for consistency with the Molokai Island Plan, as follows:

ITEM G-1

EXHIBIT F

- a. Identify potential existing facilities within or adjacent to these areas with the potential for adaptive reuse by beneficiaries to serve the functions listed below. The Preferred Alternative does not identify these community use areas as gathering places for cultural practices and access by native Hawaiians.
- b. Discuss how these areas could be licensed to an organization of native Hawaiian patients or our Homestead Association(s) to manage and operate.
- c. If the above requests are to be dealt with at the programmatic level or through a Cooperative Agreement or amended lease terms, then please state that explicitly in an appropriate section of the GMP.

Recommendations Based on Comments Received During Beneficiary Consultation

Based on the Beneficiary Consultation report that will be submitted to the Hawaiian Homes Commission for acceptance on July 20, 2015, the following recommendations are offered (See Exhibit B, "Beneficiary Consultation Report"):

Planning

1. Provide clearer and more complete definitions of the terms "stewardship," "enhancement" and "carrying capacity."
2. A stakeholder advisory group or task force should be formed to provide advice on transition strategies for the exit of DOH, as well as for implementation of the GMP and protection of traditional and customary practices and access rights.
3. There needs to be an analysis of a possible sunset date and exit strategy, based on best management practices, upon expiration of the GMP. The Department understands the need for long term planning and a programmatic framework, but encourages NPS to identify a specific implementation timeline within which program development will occur.

Homesteading

4. Beneficiaries are divided on the idea of opening up Kalaupapa to homesteading. There is much more support for the concept of encouraging beneficiary-focused stewardship of cultural resources and traditional agricultural restoration.

Management

5. Provide training and preparation for all job opportunities, including at the management level, in the NHP for native Hawaiians.
6. Hire native Hawaiian Cultural Consultants made up of cultural practitioners and residents of Kalaupapa or Moloka'i "Topside" to properly advise NPS on designing management initiatives with a "native Hawaiian lens."
7. Do not allow the U.S. military such as the Marine Corps to conduct training exercises on or over Kalaupapa NHP.
8. Calculate the carrying capacity of the peninsula and develop performance standards and thresholds that can trigger a reduction in daily visitor numbers based on quantifiable data, but maintain native Hawaiian preference for access.
9. Expand on the traditional NPS definition of "visitors" in order to create multiple tiers or categories that can accommodate the wishes of native Hawaiians, 'ohana of patients and lineal descendants of the original inhabitants in order to facilitate fostering the special relationship with place that these visitor subgroups desire.
10. Maintain a policy of first right of refusal for native Hawaiians regarding concessions, stewardship opportunities, and overnight accommodations, once patients are no longer living at Kalaupapa. Provide detailed information and training on how to meet NPS requirements for becoming a concessionaire.
11. Prior to the departure of DOH, as part of the transition planning process, explore possible reutilization of health facilities for rehabilitation, kūpuna assisted living, or

culturally-based health care programs with a focus on native Hawaiians, since such health facilities already exist.

Lease

12. DHHL and NPS are to initiate a formal negotiation to develop an MOU, Cooperative Agreement or modifications to the lease terms to manage the transition when DOH departs Kalaupapa, to specify how beneficiaries will receive consideration and priority for access to the NHP and participation in culturally based programming, and other items necessary to address beneficiary concerns raised during the DHHL beneficiary consultation process.

Boundaries

13. Beneficiaries do not support park boundary expansion to include the North Shore valleys of Waiho'okalo, Pelekunu and Pāpalau. In lieu of inclusion within the NHP boundary, DHHL encourages responsible government agencies to develop programs to reconnect native Hawaiians to the cultural and natural resources in the North Shore valleys, perhaps in partnership with DLNR and/or OHA.

Alternatives

14. Consider a hybrid alternative - keep a 100 person per day cap on general visitors as in Alternative B, but allow access for stewardship opportunities as in Alternative C, based on carrying capacity of facilities and infrastructure.
15. Incorporate a unique native Hawaiian stewardship component for both individuals and groups into Preferred Alternative C. A possible implementation measure is to develop a joint NPS/DHHL Special District & Community Use Implementation Plan for the areas identified for these two land uses in the DHHL Molokai Island Plan.

Access

16. There is a need to outline specific policies and guidelines to assure protection of traditional and customary practices within the Kalaupapa National Historic Park (NHP) as articulated in the Hawaii State

Constitution, Article 12, Section 7, such as subsistence fishing, ocean gathering and forest and stream gathering, including within the proposed area of park expansion.

17. Develop a cultural program to reestablish traditional Hawaiian recreational activities at Kalaupapa and Kalawao, such as surfing, after consultation with relevant stakeholders, councils, and agencies, as appropriate.
18. Identify a special access period (2-3 days/long weekend) to allow for exclusive native Hawaiian access to Kalaupapa.
19. Expressly allow for native Hawaiian gathering/access in Kalaupapa. Allow for accompaniment of adults by minors, once the patients are no longer residing at Kalaupapa.

Native Hawaiian

20. Ensure that the National Historic Preservation Act (NHPA) Section 106 Consultation for Kalaupapa and the North Shore is inclusive, rigorous rather than cursory, resolves any adverse effects to the satisfaction of the consulting parties in the form of an MOU, adheres to applicable rules (36 CFR Part 800) and is in keeping with the 1992 amendments to the NHPA.
21. There needs to be consistent outreach to "Topside" Molokai families to reestablish the histories associated with kama'āina formerly relocated during establishment of the Hansen's disease colonies with expansion from Kalawao into Kalaupapa.

Other Recommendations

22. As an alternative to the proposed Marine Managed Area surrounding the peninsula, adopt and support a Community-Based Subsistence Fishing Area model. Once all the patients and the DOH have left Kalaupapa, consider adding subsistence fishing and gathering as a component of the stewardship program. Exercise of traditional and customary practices by native Hawaiians could be managed by allowing beneficiary groups access in order to mālama the resources (practice stewardship), and in return allow volunteers to

Erika Stein Espaniola
July 15, 2015
Page 6

practice subsistence on the peninsula, in the spirit of kuleana (rights and responsibilities).

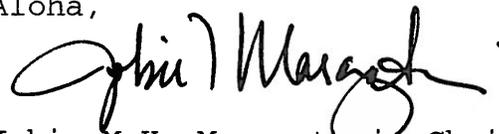
23. DHHL supports the maintenance and monitoring of the soundscape at Kalaupapa. Mitigation measures should include conversion to a fleet of electric vehicles, minimizing the time periods during which arrivals and departures of flights occur, and mitigating construction noise. It would be preferable to keep scenic tours by helicopter away from the park as well.

DHHL is hopeful that the above comments can be addressed and/or incorporated into the GMP to supplement the changes made to Preliminary Alternative C that increase the facilitation of stewardship and educational opportunities, with an emphasis on partnerships.

We thank you for the opportunity to provide comments. We hope these comments serve to clarify the mana'o provided by our beneficiaries, who along with DHHL have a strong desire to mālama the very special and spiritual place that is Kalaupapa.

If there are any questions, please contact Nancy McPherson of our Planning Office at 620-9519 or by email at nancy.m.mcpherson@hawaii.gov.

Aloha,



Jobie M.K. Masagatani, Chairman
Hawaiian Homes Commission

Enc.

DAVID Y. IGE
GOVERNOR
STATE OF HAWAII



JOBIE M. K. MASAGATANI
CHAIRMAN
HAWAIIAN HOMES COMMISSION

JOSH GREEN
LT. GOVERNOR
STATE OF HAWAII

WILLIAM J. AILA, JR.
DEPUTY TO THE CHAIRMAN

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

P. O. BOX 1879
HONOLULU, HAWAII 96805

March 7, 2019

Superintendent, attn: GMP
Kalaupapa National Historical Park
7 Puahi Street
Kalaupapa, HI 96742

Aloha Superintendent:

Subject: Department of Hawaiian Home Lands Comments on the Kalaupapa National Historical Park Draft General Management Plan and Environmental Assessment

Mahalo for the opportunity to provide comments on the Draft General Management Plan (DGMP) and Environmental Assessment (EA) published in November 2018. The Department of Hawaiian Home Lands (DHHL) has been actively participating in the National Park Service's (NPS) General Management Plan (GMP) planning process for the Kalaupapa National Historic Park since the initiation of the scoping phase in 2009, which included several formal rounds of DHHL beneficiary consultation and briefings to the Hawaiian Homes Commission (HHC). Comment letters were submitted to NPS in September of 2011 on the Proposed Alternatives and in July of 2015 on the DGMP and EIS.

Prior to that, DHHL had conducted its own comprehensive planning process for all of its lands on the island of Molokai, including Kalaupapa, which resulted in acceptance of the DHHL Molokai Island Plan by the Hawaiian Homes Commission in 2005. In-depth consultation with DHHL beneficiaries was conducted as part of that planning process, and a site visit to Kalaupapa by DHHL staff was made in 2004 to meet with the Patient Advisory Council and NPS. Several themes emerged, primarily focused on ways beneficiaries could better reconnect with the 'āina of Kalaupapa, particularly with important cultural and natural resource sites, as well as honoring the legacy of what happened there, including the dislocation of native Hawaiians in order to create the Hansen's Disease settlement.

Now that the Draft GMP has been reformulated and the GMP issued as an EA instead of an EIS, DHHL recognizes that substantive adjustments to the GMP were made in response to beneficiary and Molokai residents' comments, such as removing the Boundary Proposal that included Pelekunu and Pu'u o Hoku Ranch. However, DHHL is somewhat dismayed that after so many years of dedicated participation by this agency as well as the beneficiaries, and the gradual building of a good faith relationship with NPS, no consultation with DHHL was conducted prior to such a

ITEM G-3
EXHIBIT E

major shift in approach. In addition, the document was initially issued with only a thirty-day comment period which fell during the Thanksgiving and Christmas holiday season, when our beneficiaries take time to reconnect with their 'ohana. In response to multiple requests, the comment period was extended to February 1, 2019. However, the opportunity to comment was further complicated by the partial shutdown of the federal government, which caused confusion and disruption on many levels until the news was received that the comment period would be extended once again, to March 7, 2019.

This problematic situation made it difficult for DHHL to adequately analyze the implications of the changes to the document, schedule and conduct additional beneficiary outreach on the reformulated GMP, or brief the HHC, which leads us to our initial comments:

Time Extension

1. DHHL requests that the comment period be extended for an additional 90 days to afford the agency enough time to schedule and conduct beneficiary outreach on Molokai and brief the HHC, as well as to provide support for similar requests by beneficiaries and organizations supportive of beneficiaries, such as Ka 'Ohana o Kalaupapa. If this request is granted, this comment letter will be supplemented by additional comments that will reflect input gathered from beneficiaries as well as the HHC.
2. In addition to the above reason, DHHL requests that the comment period be extended for an additional 90 days to conduct a second Section 106 Consultation meeting. DHHL and many others were unable to participate in the conference call that was held on Nov. 20, 2018, and DHHL received comments that there was not enough time to adequately review the GMP prior to the conference call.
3. DHHL supports similar requests made by others, such as Ka 'Ohana o Kalaupapa and the Maui County Cultural Resources Commission.

The following are comments based on analysis and input DHHL has been able to perform and gather to date:

Actions Common to Both Alternatives

4. Kalaupapa Settlement: At the bottom of Page 8, there is no discussion of the need to negotiate sub-leases with the religious institutions – does NPS consider the need for sub-leases to be only a matter between DHHL and the religious institutions?

Alternative 2: NPS Preferred Alternative (A-2)

5. Overall comment: DHHL supports NPS' efforts to respond to comments by proposing augmentation of engagement with N(n)ative Hawaiian individuals and organizations regarding partnerships, stewardship programs, and culturally-based education. There may

be overlap with the desires of DHHL beneficiaries to participate more fully in activities in Kalaupapa, therefore those efforts need not be mutually exclusive.

6. Management of Specific Areas within Kalaupapa NHP – Kalaupapa Settlement: The GMP should provide a more thorough description of what would be included in the “building use and infrastructure plan.” An outline of what would be included in such a plan could be attached as an appendix, or a reference to a specific NPS Bulletin provided.
7. Management Structures, Partnerships and Agreements – Department of Hawaiian Home Lands Partnership: DHHL concurs that developing additional agreements between DHHL and NPS to manage access, use, facilities and lands to better meet the needs and desires of our beneficiaries while supporting the overall mission of the NPS for the Kalaupapa NHP will be an important step in implementing both the NPS GMP and DHHL’s Molokai Island Plan upon the departure of the State Department of Health. DHHL also concurs that the NPS does not have the authority to regulate homesteading, as that is the purview of the Hawaiian Homes Commission per the Hawaiian Homes Commission Act of 1920, as amended, which was passed by Congress and signed into law by President Warren G. Harding on July 9, 1921 (chapter 42, 42 Stat. 108).
8. Management Structures, Partnerships and Agreements – Kalaupapa NHP Advisory Group: DHHL supports the formation of a community-based advisory group, to include Molokai native Hawaiians, in order to provide guidance for the park during and after the transition of the State Department of Health out of Kalaupapa.
9. Natural Resources, Wild and Scenic River: Due to its value to DHHL beneficiaries as an opportunity to restore traditional kalo cultivation, any studies done in support of a Wild and Scenic River designation for Waikolu Stream must include a thorough analysis of potential impacts to future kalo lo‘i restoration and other exercises of rights of traditional and customary access and use by Native Hawaiians.

Responses to substantive comments in Appendix G

Topic 5: Native Hawaiians

10. *Native Hawaiians as traditionally associated peoples, Native Hawaiian traditional and customary (T&C) practices and access rights, Native Hawaiian access and use, and Hawaiian stewardship*: The NPS responses to comments on these topics center on the complexities of federal law, state law and the terms of the general lease with DHHL as regards respecting the rights of N(n)ative Hawaiians (see Comment 5 above). DHHL acknowledges that effective implementation of programs and other mechanisms to facilitate access and stewardship will require a collaborative relationship and most likely a Cooperative Agreement between both agencies. DHHL has, at a minimum, a moral obligation to support the healing and reconnection process that is so evidently needed. DHHL sees the desire of its beneficiaries to at some point in time have the ability to more

consistently access the peninsula and participate more fully in NHP activities as an opportunity that will have a positive impact on the NPS' ability to carry out its mission. Collaborative and symbiotic arrangements between indigenous peoples and the NPS exist, such as the Kipahulu 'Ohana in Haleakala NP and the Oglala Lakota of Pine Ridge Reservation in the Badlands NP in South Dakota. Such arrangements could be used as templates for Native Hawaiians and NPS in the Kalaupapa NHP.

11. *Native Hawaiians and commercial services*: Providing opportunities for native Hawaiians to generate income on DHHL lands is a priority for DHHL. NPS states that "Concessions and other opportunities are governed by applicable federal laws. In its lease with the NPS, DHHL has reserved the authority to give native Hawaiians a 'second right of refusal' to provide revenue-producing visitor services for the areas of the park covered by the lease. The NPS would work with DHHL to agree on a process to select a concessioner that meets NPS and DHHL requirements for DHHL lands." Please describe how a cooperative agreement between DHHL and NPS would be the best vehicle for ensuring that issuance of contracts for concessions and other services is conducted in compliance with General Lease No. 231, Article 2, Condition No. 11.
12. *Native Hawaiian staffing, hiring preference and training*: DHHL commends NPS for its efforts to date to recruit, train and retain native Hawaiians for NPS positions at Kalaupapa NHP. DHHL appreciates the language added to Alternative 2 formalizing a training program that would prepare native Hawaiians to more effectively compete for NHP positions at Kalaupapa NHP.

Decision to Change the NEPA Level of Review from an EIS to an EA

13. DHHL understands that additional details and more specificity will be provided by Program Management Plans, Strategic Plans, and Implementation Plans that will follow the GMP, and that additional environmental analysis of alternatives and public involvement will be conducted during preparation of these plans. However, in NPS Management Policies (2006), Chapter 2, Section 2.3.1 General Management Planning, it states that "The approved plan will create a realistic vision for the future, setting a direction for the park that takes into consideration the environmental and financial impact of proposed facilities and programs and ensures that the final plan is achievable and sustainable." In the previous GMP/EIS version, there was enough detail to be better able to assess the environmental and financial impact of proposed facilities and programs as well as whether the final plan is achievable and sustainable. NPS needs to expand the discussion of the rationale for the change.

Satisfying NEPA Requirements/Providing Sufficient Information to Support a FONSI

14. NPS Management Policies (2006), Chapter 2, Section 2.3.1.7 Environmental Analysis states that "In most cases, an environmental impact statement (EIS) will be prepared for

general management plans. In a few cases, the regional director, in consultation with the NPS Environmental Quality Division, through the Associate Director for Natural Resource Stewardship and Science, may approve an exception to this general rule if:

- Completion of scoping demonstrates that there is no public controversy concerning potential environmental effects, and
- the initial analysis of alternatives clearly indicates there is no potential for significant impact by any alternative

There has been public controversy, primarily reflected in comments from Native Hawaiians, concerning potential cultural impacts and impacts to historic resources from both the Preferred Alternative (A-2) and the “No Action” alternative (A-1). Because the exact mechanisms for DHHL and NPS working together to facilitate access for traditional and customary use and other culturally-related uses have not yet been determined, it is difficult at this juncture to assess whether significant impacts can be avoided by implementation of Alternative 2, therefore in this agency’s opinion an EIS is still warranted.

It is also conceivable that the “no action” alternative could result in the potential for significant impacts to historic resources, given that perpetuation of the current accumulation of repair backlogs and deferred maintenance and restoration work that is not keeping pace with the effects of weather and salt spray, will, over time, result in permanent damage to and loss of valuable historic properties. However, because no figures were included in the GMP/EA on current and forecasted operating costs for either alternative, it’s impossible to properly evaluate the potential for significant impacts.

The costs could have been estimated based on several scenarios for Alternative 2, such as a scenario where DHHL takes over the management and maintenance of ten percent of the structures, another scenario where nonprofits “adopt a structure” and maintain a certain percentage of the buildings, etc. If the reason for the lack of specificity is due to the level of uncertainty regarding complexities related to the long-term use and management of the historic buildings by the NPS, Department of Hawaiian Home Lands, and other partners (as stated by NPS), then wouldn’t the solution be to take more time to allow the transition planning process to progress to the point where cost estimates could be included in an EA or EIS for the GMP?

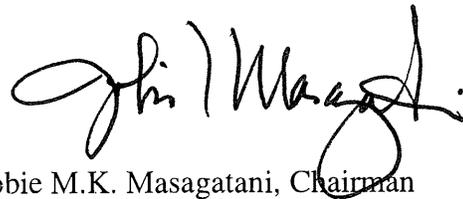
As drafted, the GMP offers no reassurance that there will be enough money budgeted to support restoration and maintenance of the improvements in the Settlement for the long term, which could potentially have a very direct impact on the Hawaiian Homelands Trust. Without the required level of specificity, this agency is hard pressed to understand how a FONSI can be supported for the GMP/EA.

Superintendent, Kalaupapa NHP
March 7, 2019
Page 6

We thank you for the opportunity to provide comments and hope that our input will be useful in improving the final product and producing the best General Management Plan possible for the Kalaupapa NHP, which so many of us, clearly, care very deeply about.

If there are any questions, please contact Nancy McPherson of our Planning Office at (808) 620-9519 or by email at Nancy.M.McPherson@hawaii.gov.

Aloha,

A handwritten signature in black ink, appearing to read "Jobie M.K. Masagatani". The signature is fluid and cursive, with a large initial "J" and "M".

Jobie M.K. Masagatani, Chairman
Hawaiian Homes Commission

**HAWAIIAN HOMES COMMISSION
AUGUST 18, 2020
TELECONFERENCE
9:30 A.M.**

**H – ITEMS
ADMINISTRATIVE SERVICES OFFICE**

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

August 18, 2020

TO: Chairman and Members, Hawaiian Homes Commission
FROM: Rodney Lau, Administrative Services Officer
SUBJECT: H-1 For Information Only – Postponement of Mortgage Payments – Impact on Loan Fund

RELEVANT MATERIAL WILL BE DISTRIBUTED UNDER SEPARATE COVER.

ITEM NO. H-1

**HAWAIIAN HOMES COMMISSION
AUGUST 18, 2020
TELECONFERENCE
9:30 A.M.**

**J – ITEMS
REQUESTS TO ADDRESS THE
COMMISSION**

Pa'upena Community Development Inc.

P.O. Box 403, Kula, Maui, Hawai'i 96790

Telephone/Text: (808) 276-2713

Email: paupena.kekoa@gmail.com

Aug. 10, 2020

Aloha mai e Hawaiian Homes Commissioners,

I am Emma Yap, a director of two Upcountry Maui beneficiary organizations — Waiohuli Hawaiian Homesteaders Association Inc. and Pa'upena Community Development Corporation — and a resident of Waiohuli homestead. I advocate today on behalf of Pa'upena CDC to request updates on two FY 2018 CIP (Capital Improvement Project) legislative appropriations, per the DHHL 2017-18 Annual Report, Page 42: (1) \$2 million for an Upcountry nonpotable-ag-waterline extension to Keokea, and (2) \$1 million for Keokea/Waiohuli archaeological-preservation improvements.

What are these projects and why are they important, and why is Pa'upena CDC tracking the projects?

An Upcountry nonpotable-ag-waterline extension would serve 66 farm lots at Keokea, Maui's first and only agricultural homestead that contains the very last ag-homestead awards DHHL made statewide, 3.5 decades ago. At that time, then-Keokea association founding President Tasha Kama asked the late Senator Daniel Inouye to appropriate funds for a nonpotable-ag waterline to serve the Keokea farm lots. The senator complied with the proviso that the State of Hawai'i and the County of Maui match the funds. The state and county provided matching moneys, but used the federal, state and county funds to install the nonpotable-ag waterline as far as Lower Kimo Drive only; thereby serving Upcountry farmers and the University of Hawai'i ag park, but not the originally intended recipients: Keokea homesteaders.

Fast forward to 8/28/18, when DHHL Land Development Division official Stewart Matsunaga wrote about the "\$2,000,000 for Keokea Offsite Ag Water . . . we want to meet with Keokea Farmers Association to get input/mana'o/options (and) share the challenges." Two years later, Keokea farmers still are waiting to meet.

A nonpotable-ag-waterline extension to Keokea is important because former Mayor Kimo Apana had approved the Keokea subdivision plans during drought years with the proviso that the farm lots would receive only a residential (versus agricultural) allotment of 600 gallons per day; so DHHL has not enforced the rule that ag homesteaders must implement their farm plans and farm three-fourths of their cultivatable land within two years. The result is that, after 34 years, beneficiaries have built homes on and farmed only some 20 of 66, or 30 percent of, Keokea farm lots.

Pa'upena CDC currently is implementing a \$179,000 assessment project, whose preliminary findings are that Keokea's primary needs are (1) security against theft, vandalism and dumping, and (2) extension of the Upcountry nonpotable-ag waterline to Keokea; so the lessees can get an agricultural allotment of, and ag rates for, water. Keokea's primary wants are (1) a long-term license to a 69-acre homelands commercial area fronting Kula Highway, (2) development of a retail/cultural complex at the latter site, (3) next-generation leadership to spearhead the latter development, and (4) for lessees of 46 unimproved parcels (of the total 66 lots) to build homes on and cultivate their farm lots. . . . One can perceive that homestead security and infusion of leadership are contingent on beneficiaries living on and farming the 'aina, which likewise is reliant on a nonpotable-ag-waterline extension to Keokea and an ag-water allotment.

Pa'upena Community Development's vision is to fulfill Prince Kuhio's century-old dream for native Hawaiians to reconnect with Waiohuli ahupua'a in thriving agricultural and pastoral communities, and to share this paradigm throughout the pae'aina.

Pa'upena Community Development Inc.

P.O. Box 403, Kula, Maui, Hawai'i 96790

Telephone/Text: (808) 276-2713

Email: paupena.kekoa@gmail.com

Secondly, Keokea/Waiohuli archaeological-preservation improvements involve 120 acres of Upcountry archaeological preserves, encompassing 40 acres at Keokea and 80 acres at Waiohuli Phase 2 undivided-interest subdivision.

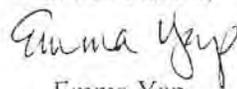
Archaeologists and officials of the then-Maui/Lana'i/Molokai Tri-Isle Burial Council had proclaimed 20 years ago that Keokea/Waiohuli contained some of the most pristine archaeological sites in the archipelago. Beneficiary leaders had surveyed lessees and had asked the Hawaiian Homes Commission to set aside the preserve area. The commission consented two decades ago.

However, DHHL Land Development Division acting Administrator Stewart Matsunaga announced at last November's commission meeting in Kula, Maui, that DHHL would use the \$1 million designated for Keokea/Waiohuli archaeological-preservation improvements, for use on archaeological features on only individual homestead lots.

Keokea/Waiohuli archaeological-preservation improvements are important because beneficiaries — especially the late Keokea association secretary, Gladys "Aunty G" Cachola-Gross — wanted to clear the 40-acre Keokea archaeological preserve; expose the heiau and ancient house foundations, agricultural terraces and animal pens; provide educational signage, and host school and visitor tours to this outdoor Smithsonian. That was Aunty G's dying wish, and beneficiaries subsequently formulated the attached 2017 strategic plan to malama part of the acreage.

Pa'upena CDC (www.paupena.org) is a nearly 4-year-old nonprofit, whose mission is to provide resources, training and advocacy to empower fellow Hawaiian Homes trust beneficiaries to build homes and self-sufficient communities. Mahalo for this opportunity to advocate on behalf of beneficiaries building homes with adequate ag-water resources and on behalf of self-sufficient, self-determining communities caring for their archaeological treasures. In the wake of the 7/28/20 announcement of the DHHL Agriculture Program Plan statewide survey, mahalo in advance for commission support and confirmation that DHHL encumbered in time the 2018 appropriations for the intended, vitally important (1) nonpotable-ag-waterline extension to Keokea and (2) Keokea/Waiohuli archaeological-preservation improvements, and that DHHL officials have outlined a specific, timely plan to deploy those funds appropriately and to involve beneficiaries in doing so.

Me ka ha'aha'a,



Emma Yap

Charter director, Pa'upena Community Development Corporation

cc: Sen. Donovan Dela Cruz, chairman, Senate Committee on Ways and Means.
Kula Sen. J. Kalani English, member, Senate Committee on Ways and Means.
Maui Sen. Gilbert Keith-Agaran, vice chairman, Committee on Ways and Means.
Maui Rep. Troy Hashimoto, member, House Committee on Finance.
Rep. Sylvia Luke, chairwoman, House Committee on Finance.

Kula Rep. Kyle Yamashita, member, House Committee on Finance.

Pa'upena Community Development's vision is to fulfill Prince Kuhio's century-old dream for native Hawaiians to reconnect with Waiohuli ahupua'a in thriving agricultural and pastoral communities, and to share this paradigm throughout the pae'aina.



Pa`upena Community Development Inc.

P.O. Box 403, Kula, Maui, Hawai'i 96790

Telephone/Text: (808) 276-2713

Email: paupena.kekoa@gmail.com

Lee Imada, managing editor, The Maui News.

Rob Perez, reporter, Honolulu Star-Advertiser.

Tasha Kama, member, Maui County Council.

Robin Pikake Newhouse, president, Keokea Homestead Farm Lots Association.

Pa`upena Community Development's vision is to fulfill Prince Kuhio's century-old dream for native Hawaiians to reconnect with Waiohuli ahupua`a in thriving agricultural and pastoral communities, and to share this paradigm throughout the pae`aina.



July 7th, 2020

Aloha,

I live in Waiehu Kou IV. Although I am not of Hawaiian descent, my husband and keiki are and those that will follow us. My husband is a natural farmer and HINA (Hawaiian Indigenous Natural Agriculture) Consultant and I am a School Counselor and we have been blessed to live here for the past 12 years.

In talking with our friends, we came up with several needs that our community could benefit from. If we could dream it and have it happen, it would be rolled into one larger project: a community cultural center (CCC) based in Waiehu Kou. These needs are: **Community, Culture, and Health.**

Community:

Our children have attended school outside of their district (Ke Kula Kaiapuni and Kamehameha Schools) the entire time we've lived here. Our son has had difficulty making friends in our neighborhood as the other kids have tried to bully him a couple of times. I envision a DHHL-run non-profit similar to a maori marae* where kūpuna, mākuā, 'ōpio and keiki can get to know each other as 'ohana with similar struggles and successes. A perfect location for the CCC would be between Waiehu Kou III and IV. If it is built up 4-5 feet it would be safe from flood waters. Larger fruit bearing trees ('ulu, mai'a, niu...) on the outskirts would protect it from rising waters and heat.

Culture:

When the Hawaiian Homelands Act was created 100 years ago, it was to: "protect and improve the lives of native Hawaiians." -Hawaiian Homes Commission Act (HHCA)* With many on the waitlist, this is utterly shocking and a disservice to the Hawaiian community. However, I think we can improve the lives of homesteaders by reintroducing culture to our youth through kūpuna and Native Hawaiian experts holding workshops for beneficiaries and 'ohana (including those with less than 50% blood quantum that don't live on DHHL). We envision 'ōlelo, la'au lapa'au, hula, crafts, lomi lomi, agriculture, support groups using culturally appropriate techniques (partner with Queen Liliuokalani Children's Center, Hui No Ke 'Ola Pono..., etc.), cooking classes (HNKOP partnership) at the CCC.

Health:

More than twice during our 12 years here, our food-bearing plants have been sprayed with Roundup® by a neighbor and also by a road crew (not sure if it was county or DHHL). My husband is a cancer survivor and we are a chemical-free home since his initial diagnosis over 10

Aloha! Commissioners,

My name is Cora Schnackenberg, President of Ahonui Homestead Association from the island of Molokai and represents the Molokai waitlisted beneficiaries.

For the record, I continue to seek your help and assistance to make our project a reality. I am requesting an update on Ahonui's request for an assigned DHHL staff planner to assist with our Ualapu'e Kuleana Homestead Subsistence Project and a scheduled date for an Environmental Assessment Study. Per Hawaiian Homes Commission Act Section 219.1.

I will also support and advocate for the following homestead entities/beneficiaries and its leaders in meeting their/our Hawaiian beneficiaries needs.

1. Na'iwa, Molokai/Liko Wallace requesting update on legislative appropriations in FY 2018 of \$1.5 million for Ho'olehua scattered-lots site improvements, and FY 2019 of \$1.5 million for Na'iwa subdivision-site improvements*.
2. The Pa'upena Community Development Corporation, to request updates on FY 2018 legislative appropriations of (1) \$2 million for an Upcountry nonpotable ag-waterline extension to Keokea, and (2) \$1 million for Keokea/Waiohuli archaeological-preservation improvements.
3. Kahikinui Hawaiian Homestead Association/Kealapono Sterling, on nine fires 8/2/20; what is timeline for roads to be built/restored?
4. Maui Homestead Farmers & Ranches Association/Millani Kiesling on OHA candidates' comments on Hawaiian Homes program.
5. Paukukalo/The Rev. Velma Mariano on NAHASDA funding to renovate Paukukalo kupuna homes.
6. Pu'unani/Pohako`i/Keoiwa Kamalani on kupuna Uncle Marcelo Bustillos passing away 7/24/20 after languishing 43 years on Maui residential waitlist.
7. Waiohuli undivided/Bruce Keahi requesting if DHHL retiree Jo-Anne Aiwohi left a checklist/codified protocol for undivided-interest lessees to build homes, because only 12 of 45 lots have active/finished construction; what is update on DHHL/UHMC partnership to build an affordable home at Waiohuli undivided, per 2019 kickoff; update on FY 2018-19 \$6.48 million legislative appropriation for infrastructure for 76 more Waiohuli undivided lots*.
8. Wakiu/Alohalani Smith on CDC's progress w/mission statement, bylaws, \$49,980 OED grant proposal.
9. Waiehu Kou 2/Kalele Kekauoha-Schultz on banning Roundup use on homelands, and on WK2 land available to meet need for keiki gathering site.
10. Waiehu Kou 4/Maile Atay on community cultural center on `aina between WK3 and WK4.

I appreciate all of your time in addressing these matters.

Mahalo,
Cora Schnackenberg
President, Ahonui Homestead Association
808 646-0051

Subject: FW: [EXTERNAL] The Hawaiian Council plan of action

From: Kaulana Costa

Sent: Monday, August 10, 2020 1:51 PM

To: Brown, Michelle W · _____

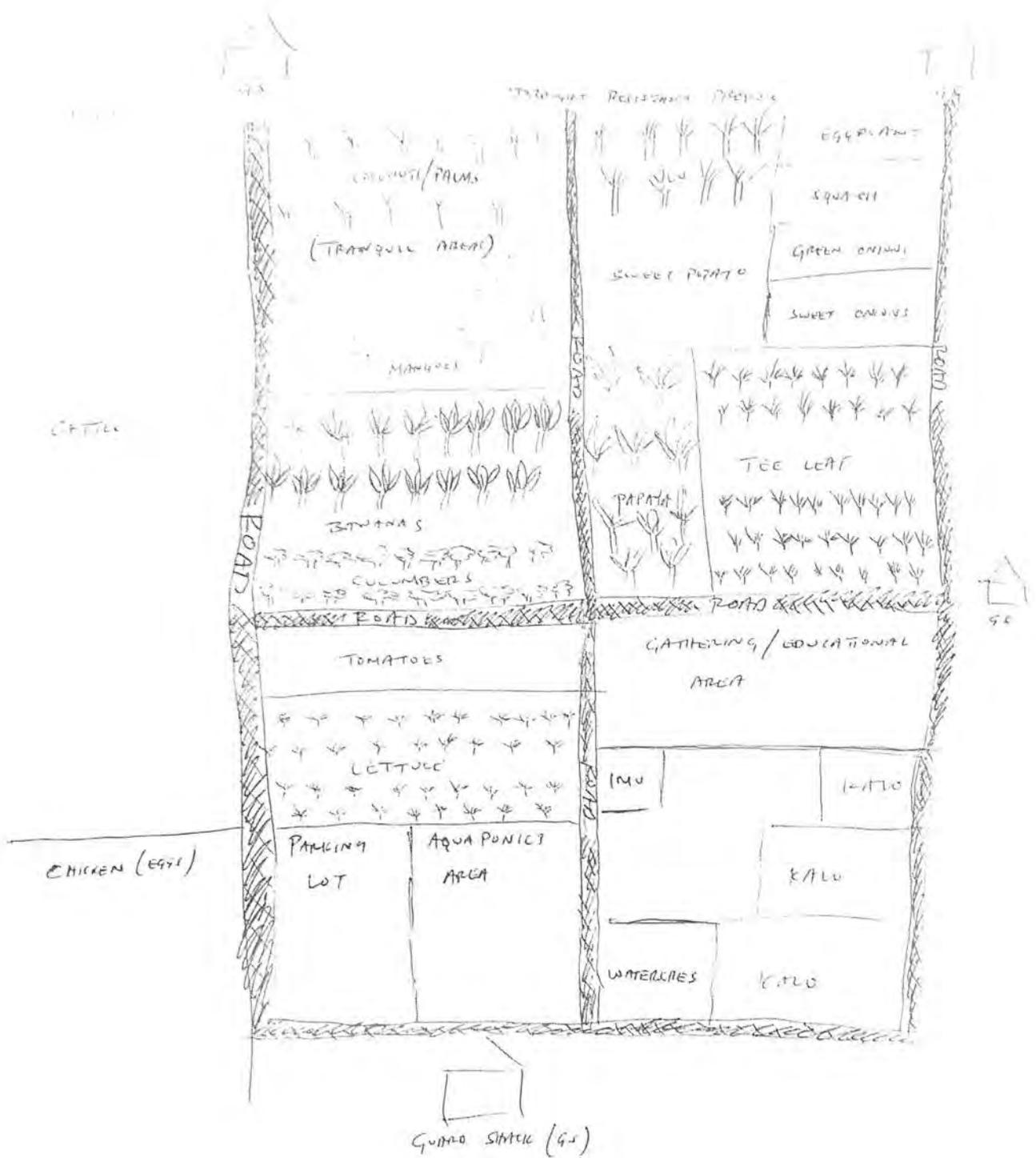
Subject: [EXTERNAL] The Hawaiian Council plan of action

Aloha my name is Kaulanakealoha Costa and I am the president of The Hawaiian Council. Our business plan and 501(c)(3) certificate are in the process of being completed within the next few weeks. We are an organization built of strong committed, determined, respectful, intelligent, warriors of Hawaii. Our mission is simple to rejuvenate, restore, provide and protect the people of Hawai'i. There is no other place in the world that has more Hawaiians in one community than Nanakuli. What better place than here to start something incredible for our people and build a legacy that will be looked back at for generations to come.

We humbly ask for 20 acres of land (for a term of no less than 99 years) within Nanakuli's upper mauka region of the ahupua'a to be utilized as a community pasture (stated in section 211 in the Hawaiian Homestead Act). The community pasture will be used for agricultural purposes to provide education and self sustainability for the entire community of Nanakuli. In the most recent US census conduct, the population of people within Nanakuli was recorded at 12k, with a poverty rate of 18%. Our people need assistance, it is up to us to help them in anyway possible to thrive as native people of this land once again. Everyone in the community who is 50% Hawaiian or more will be able to pick up fresh fruits and vegetables from the community pasture once a week to feed their families. All others who partake in the culmination of agriculture within said pasture will be able to purchase and/or barter for fresh produce.

We will also offer free educational programs and classes for everyone interested in learning agriculture and the Hawaiian ways of life including but not limited to fishing, hunting, the martial arts of Lua, astronomy, surfing and paddling. There will also be tranquil areas for individuals looking for a place of peace and serenity. Within these tranquil areas they will be "do not disturb" areas for anyone who positions themselves under any particular tree. There will also be guard shack's surrounding perimeter to protect the farmlands. Attached is a layout of the breakdown of community pasture.

AGRICULTURAL LAYOUT



The Hawaiian Council - Community Profile

Name	Address	Email	Phone #
Christy Stanton	89-573 Waikeolu St Makaha HI 96792	christystanton@gmail.com	808-542-0025
Isabella Von Gonsen	89-639 Makuae St Wahiawa HI 96792	isbellavongonsen@gmail.com	929-0715
Kele Naahu	87-1668 K. P. Dr. Wahiawa Wahiawa HI 96792	gmaill.com	808-948-7404
Nathan Kua	87-137 Helewa St #2	nathankua@gmail.com	808-578-1204
Donald Kapaku	87-1377 Helewa St	donaldkapaku@gmail.com	808-578-1204
John F. Follen Jr.	87-771 Mikanas	john.f.follen@gmail.com	808-578-1204
Mike Jones	89-1407 Pohaku Palena	mikejones@gmail.com	808-578-1204
Edna Hanao	97-1711 Waikeolu St	ednahanao@gmail.com	808-578-1204
Cherry Kae Muiwan	Waikeolu, HI 96792	cherrykmu@gmail.com	808-578-1204
Ashley	87-1377 Helewa St	ashley@gmail.com	808-578-1204
Christina Lee	1193 K. P. Dr.	christinalee@gmail.com	808-578-1204
Enikha Boga	97-1711 Waikeolu St	enikhaboga@gmail.com	808-578-1204
Leopoldina	87-1377 Helewa St	leopoldina@gmail.com	808-578-1204
Patricia Kamauna	85-1180 Kamehameha St	patrickamauna@gmail.com	808-578-1204
Elana Bica	1193 K. P. Dr.	elana@gmail.com	808-578-1204
Kevin Kamauna	87-1377 Helewa St	kevin@gmail.com	808-578-1204
Kevin Bando	97-1711 Waikeolu St	kevinbando@gmail.com	808-578-1204
Kaloni Kua	97-292 Waikeolu St	kalonikua@gmail.com	808-578-1204
Enui Park	1275 Palani St	enui@gmail.com	808-578-1204
Kyle Tai	97-1377 Helewa St	kyletai@gmail.com	808-578-1204
Kaponea Costa	97-1377 Helewa St	kaponea@gmail.com	808-578-1204
Linda Bergeson	89-1777 E. Waikeolu St	linda.bergeson@gmail.com	808-578-1204
Becky Bergeson	89-1777 E. Waikeolu St	becky.bergeson@gmail.com	808-578-1204
Stacy Bergeson	89-1777 E. Waikeolu St	stacy.bergeson@gmail.com	808-578-1204
Amanda Lazo	89-1035 Waikeolu St	amandalazo@gmail.com	808-578-1204
Bridget A. Lazo	89-1035 Waikeolu St	bridget.lazo@gmail.com	808-578-1204
Makani Kamauna	89-1035 Waikeolu St	makani@gmail.com	808-578-1204
Edward Kaka	89-1035 Waikeolu St	edwardkaka@gmail.com	808-578-1204
Kevin Hanao	89-1035 Waikeolu St	kevinhanao@gmail.com	808-578-1204
Chad Hanao	89-1035 Waikeolu St	chadhanao@gmail.com	808-578-1204
Isabella Hanao	89-1035 Waikeolu St	isabellahanao@gmail.com	808-578-1204
Chad Hanao	89-1035 Waikeolu St	chadhanao@gmail.com	808-578-1204
Kevin Hanao	89-1035 Waikeolu St	kevinhanao@gmail.com	808-578-1204

NAME	ADDRESS	PHONE #
Bhakti Colburn	89-1104 Puhana p lane 37 Puhana, HI 96771-5725	(808) 371-5725
Brandon Adshun	97-225 Mikawa St	(808) 657-1943
Alex Dstafa	89-630A Hokenkale Me Waikele HI 96792	808-5203
Jennifer Farwa	89-327 P. Iike St Waikele	385 3374
Ola Mousse	89-246 Mano Ave	(808) 371-4173
Stan Pang	89-331 Wokiamke Place	(808) 308-1022
DALE TERLEP	LYMAN	(808) 208-8389
Chyson M	8-120 Puoleilani St	(808) 921-1108
Dustin Kumate	89-1640 Pihalele St Waikele HI 96772	347-4877
MARIE BHATI		808-371-6569

Sent from my iPhone