Puʻu ʻŌpae
Special Area Plan & Settlement Plan

Beneficiary Consultation

King Kaumualiʻi School
November 15, 2018
6:30 pm – 8:30 pm
Meeting Objectives

By the end of the meeting, we will have:

- Discussed strategies, challenges, needs, and concerns for Puʻu ʻŌpae
- A shared understanding of common goals, circumstances, and expectations
- Identified key elements of the beneficiary’s vision for Puʻu ʻŌpae
- A shared understanding of the details to complete the Puʻu ʻŌpae project
Beneficiary Meeting #1 Input on Settlement Plan (Tonight’s Meeting)

G70 Draft Lot Schemes for Settlement Plan (Dec 2018)

Beneficiary Meeting #2 Input on Lot Schemes & Preferred Option (Jan 2019)

Informational Presentation of Settlement Plan to HHC (open to comments) (Feb 2019)
Draft EA
Completed &Filed with OEQC
with 30-day public comment
(March 2019)

Beneficiary Meeting #3
Presentation of EA Findings (open to comments)
(April 2019)

Draft FEA/FONSI
based upon public review and comment
(May 2019)

Presentation to HHC of SP/SAP
and FEA/FONSI for approval
(open to comments)
(June 2019)
Living on the Waitlist

- There are 2,543 combined agriculture and pastoral wait-listers for the Island of Kauaʻi.
- Many people have been waiting for more than 30 years.
- Present day planning for DHHL Kauaʻi lands to target approximately 20% of the current waitlist.
Discussion Questions

What does the opportunity at Pu‘u ‘Ōpae mean to you?

What do you want to see at Pu‘u ‘Ōpae?

What is your mana‘o about community?

How would you like to be kept informed?
✓ Please go to www.menti.com (Questions 1-3)
✓ Enter the code: 65 19 93
✓ Series of questions with responses in live time by all participants
✓ Responses will become part of the consultation report
What is the Kuleana Homestead Program?

✓ Kuleana Homestead leases are designated for unimproved available Hawaiian home lands.

✓ Available Hawaiian home lands may be selected for kuleana homestead leases by the commission because of excessive costs to develop the tract, due to such factors as:

  ✓ Physical characteristics of the land
  ✓ Distance from existing utilities
Kuleana Homestead Program

- The purpose of kuleana homestead leases is to provide Hawaiians with opportunities for subsistence use of lands.
- Suitable lessees are those willing to live on the land and accept an unimproved lot.
- Such parcels only required a right of way to access the site.
Kuleana Homesteading Process

✓ Develop a plan for settlement of the designated tract
✓ Participate as an active member in the kuleana homestead association to develop and comply with the association’s rules and agreements
✓ Accept the lot in its “as is” condition
✓ Participate in the maintenance of the right-of-way to the kuleana homestead tract and lots
Ongoing Kuleana Homestead Projects and Opportunities

Puʻu ʻŌpae:
Agricultural kuleana homesteading in West Kauaʻi

Anahola:
Agricultural and pastoral kuleana homesteading in Northeastern Kauaʻi
Kahikinui Project: A Story of Lessons

Traditional Lease Awards
➢ Funding and waiting issues
Non-traditional lease awards
➢ Clarity and communication
➢ Beneficiary education and training
➢ Help with basic utilities, infrastructure, and funds
Existing Conditions

➢ Puʻu ʻŌpae is located in Waimea, West Kauaʻi
➢ Land area of 14,556 acres

Project area is 1,192 acres
➢ Rural open space character
➢ Undeveloped lands used for historical sugarcane use
➢ Limited & limiting access
➢ Surface water - 6.903 MGD from the KODIS is reserved for DHHL Waimea
Existing DHHL Land Use
Archaeological Reconnaissance Survey

3 Historic Properties were Identified:

- Military Trenches
- Plantation Camp
- Puʻu ʻŌpae Reservoir
Historic Properties

Military Trenches:

An old military trench about 1 meter deep and 2 meters wide

Artifacts at the site include: green asphalt roofing material, miscellaneous metal pieces, and bullet shells.
Historic Properties

Pu‘u ‘Ōpae Old Camp:

Two steel water tanks were identified just east of the reservoir.

Other historic artifacts include ceramic fragments, metal pieces, and old Coca Cola bottles.
Historic Properties

Reservoir with associated water control features

Findings of KIUC project to complement the ongoing effort.

SAP/SP considers the improvements of the reservoir as a historic property for adaptive reuse but is primary source water.
Rainfall

- Sufficient rainfall trends are needed for agricultural uses.
- Conditions are typically dry enough to pose high wildfire hazards for the area.
Wildfire Hazard

- The Pu‘u ‘Ōpae project area is located within an area that has a high wildfire hazard for the following reasons:
  - Steep slopes
  - Ravines, chutes, and saddles
  - Low precipitation – seasonal droughts
  - Frequent winds over 15 mph
  - Contiguous uninterrupted vegetation
<table>
<thead>
<tr>
<th>FAMILY</th>
<th>SPECIES</th>
<th>HAWAIIAN NAME</th>
<th>COMMON NAME</th>
<th>STATUS</th>
<th>LOCATION</th>
<th>ABUNDANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CURCUBITACEAE</strong></td>
<td><em>Lagenaria siceraria</em></td>
<td>P</td>
<td>A</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EPACRIDACEAE</strong></td>
<td><em>Leptochyphyla tameiameiae</em></td>
<td>I</td>
<td>A</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EUPHORBIACEAE</strong></td>
<td><em>Aleurites moluccana</em></td>
<td>P</td>
<td>A</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Ricinus communis</em></td>
<td>P</td>
<td>A</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FABACEAE</strong></td>
<td><em>Acacia koa</em></td>
<td>E</td>
<td>A</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Acacia meermansii</em></td>
<td>A</td>
<td>A</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Crotalaria pallida</em></td>
<td>A</td>
<td>A</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Desmodium incanum</em></td>
<td>A</td>
<td>A</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Project Overview

- Project area of ~1,192 acres:
  - 231 acres under DHHL License No. 816 by KHHA.
  - KIUC hydroelectric project to repair the entire length of the Kōkeʻe Ditch System to Puʻu Moe Divide.

Puʻu ʻŌpae Special Area Plan:

- Reflective of KHHA Farm and Irrigation Plan and relevant DHHL plans and policies
- Focuses on maximizing kuleana homestead opportunities for subsistence agriculture
Project Elements and Goals

- Natural and Cultural Resource Management
- Access and Agricultural Use
- Utilities and Infrastructure
- Renewable Energy
- Wildfire Risk and Management
Project Work to Date

- Special Area Plan
- Surveys
- Stakeholder meetings and HHC Presentation
- Biological (flora/fauna) study
- Archaeological study
- Fly-over imagery (aerial and DEM)
- GIS mapping based on multiple sources
- Preliminary Engineering studies
Project Alignment with Existing Plans and Policies

Hawaiian Homes Commission Act

DHHL General Plan

DHHL Kaua‘i Island Plan

DHHL West Kaua‘i Regional Plan
Hawaiian Homes Commission Act

✓ Serve beneficiaries

✓ Provide for the rehabilitation of native Hawaiians through a government-sponsored homesteading program
DHHL General Plan

✓ Utilize Hawaiian Home Lands for appropriate uses

✓ Reconnect Hawaiians to land and practices that are integral to their cultural identity

✓ Promote the self-sufficiency of the local community

✓ Protect and manage natural and cultural resources

✓ Conserve the most productive agriculture lands for intensive agriculture and pastoral use
DHHL Kauaʻi Island Plan

✓ Support community based economic development
✓ Provide opportunities for traditional healing and therapies
✓ Protect open space and natural resources
DHHL West Kauaʻi Regional Plan

- Maintain the reservoir for use by agricultural users
- Develop renewable energy projects compatible with agriculture
- Include access road and road maintenance

Projects suggested for Puʻu ʻŌpae:
- Taro growing and other diversified crops
- Hydroelectric power generation
- Culture or wellness center
Settlement Plan

Applicants, together with DHHL, must develop a plan for settlement and development of the designated tract (HAR §10-3-30). The Settlement Plan must include:

✓ Location and description of the tract of land
✓ Size and number of lots to be awarded
✓ Location of community center and common areas
✓ Proposals for community management and economic development
✓ Preservation of significant historical archaeological, and biological sites
✓ Settlement timetable
✓ Please go to www.menti.com (Questions 4-7)
✓ Enter the code: 65 19 93
✓ Series of questions with responses in live time by all participants
✓ Responses will become part of the consultation report
## Settlement Plan:
### Selection and Planning Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topography</td>
<td>Less than 15% slopes, away from drainage ways and flood hazards</td>
</tr>
<tr>
<td>Proximity to Roadways</td>
<td>Existing dirt roads</td>
</tr>
<tr>
<td>Size</td>
<td>0.25 to 1-acre lots</td>
</tr>
<tr>
<td>Proximity to Water</td>
<td>Puʻu ʻŌpae Reservoir &amp; KODIS proximity</td>
</tr>
<tr>
<td>KIUC Improvements</td>
<td>Incorporate synergies in the two projects</td>
</tr>
<tr>
<td>Wildfire Risk</td>
<td>Sited away from fuel sources, easy wildfire dispersal</td>
</tr>
<tr>
<td>Hunting Boundaries</td>
<td>Sited away from existing hunting zones and well within safety zones</td>
</tr>
<tr>
<td>Proximity to Natural and</td>
<td>Sited away from denser areas of intact native forested areas, and</td>
</tr>
<tr>
<td>Cultural Resources</td>
<td>traditional, cultural sites and features.</td>
</tr>
</tbody>
</table>
✓ Please go to www.menti.com (Questions 8-9)
✓ Enter the code: 65 19 93
✓ Series of questions with responses in live time by all participants
✓ Responses will become part of the consultation report
Next time:
Evaluating Lot Schemes

Key things to Consider:

- Number of lots awarded
- Size of parcels
- Density
- Sharing burdens of maintenance and improvements
- Activities/uses adjacent to lots
- Future build-out needs
**Project Timeline**

- **Beneficiary Meeting #1 Input on Settlement Plan**
  (Nov 2018)

- **G70 Draft Lot Schemes for Settlement Plan**
  (Dec 2018)

- **Beneficiary Meeting #2 Input on Lot Schemes & Preferred Option**
  (Jan 2019)

- **Informational Presentation of Settlement Plan to HHC (open to comments)**
  (Feb 2019)
Draft EA
Completed & Filed with OEQC with 30-day public comment
(March 2019)

Beneficiary Meeting #3
Presentation of EA Findings (open to comments)
(April 2019)

Draft FEA/FONSI based upon public review and comment
(May 2019)

Presentation to HHC of SP/SAP and FEA/FONSI for approval (open to comments)
(June 2019)
✓ Please go to www.menti.com (Questions 10)
✓ Enter the code: 65 19 93
✓ Series of questions with responses in live time by all participants
✓ Responses will become part of the consultation report
Contact:

Wesley Bradshaw,
Kawika McKeague, AICP
808-523-5866
DHHLPuuOpae@g70.design