



Update on Maui Water Issues and Projects

**Hawaiian Homes Commission (HHC) Meeting & Community
Meeting (virtual & in person)**

Andrew Choy, Acting Planning Program Manager

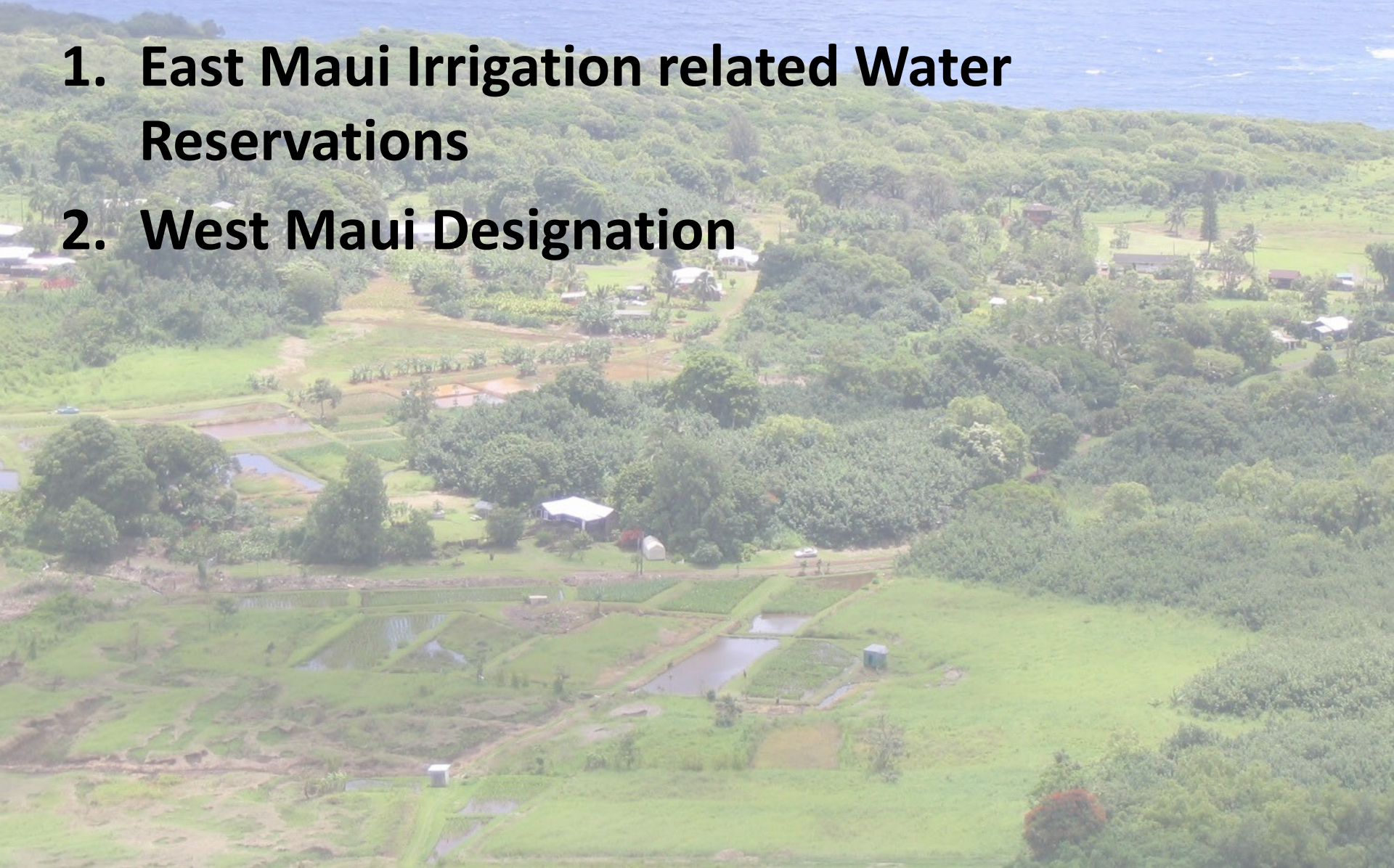
Jonathan Likeke Scheuer, Consultant

September 19, 2022

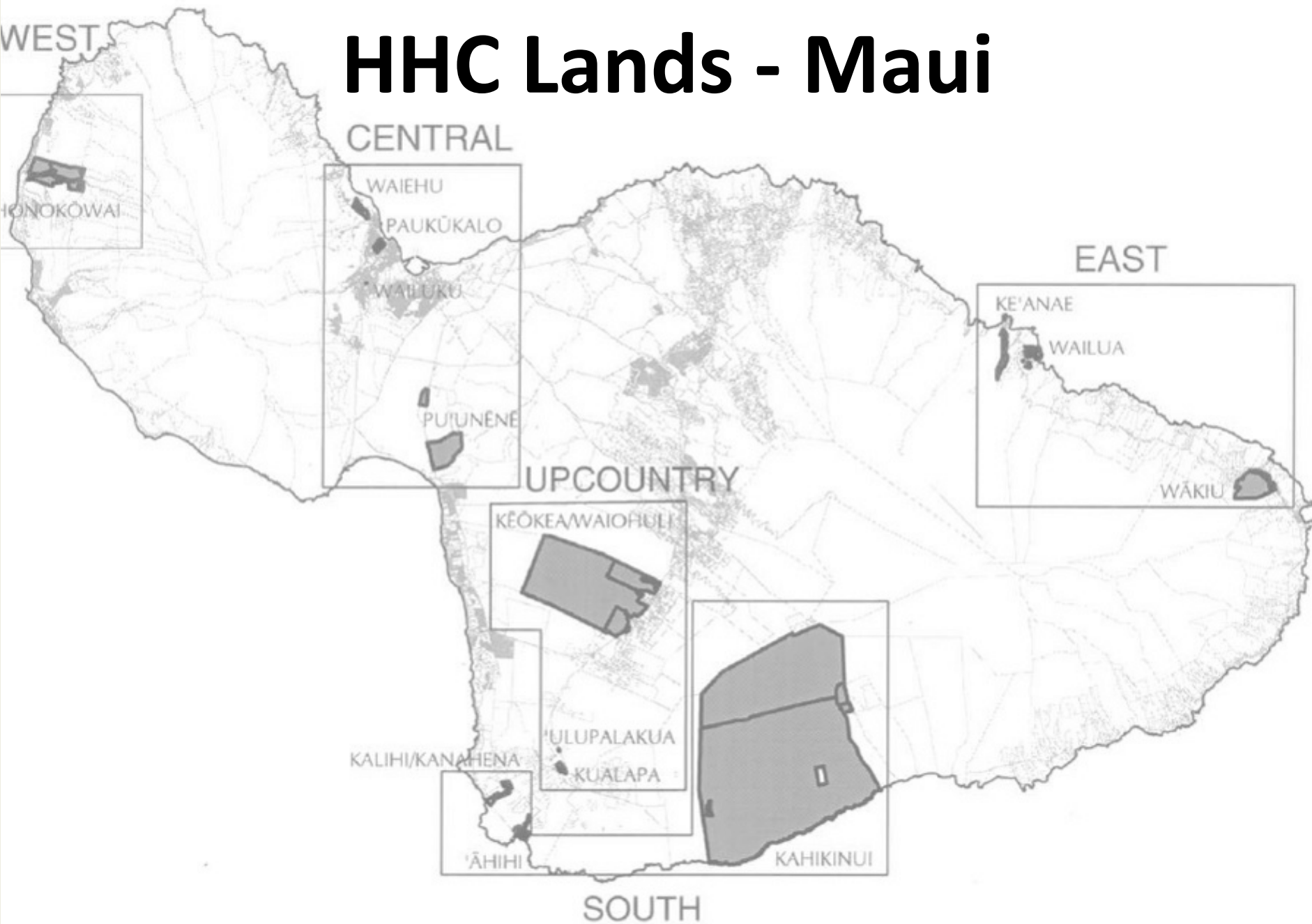
HHC Item G-4

Issues and Projects

1. East Maui Irrigation related Water Reservations
2. West Maui Designation



HHC Lands - Maui



Water Reservations for Maui Island



- **What is a CWRM water reservation for DHHL?**
 - A water reservation is a kapu of water for future DHHL use
 - CWRM protects it from other users
- **But a CWRM water reservation for DHHL is not:**
 - Immediate access to “wet water”

CWRM Water Reservations



- From reservations to “wet water” DHHL still needs to:
 - Obtain CIP funds
 - Develop source, storage, transmission
 - Detailed engineering design
 - Agreement with County DWS or other water purveyors

Existing Water Reservations

Hydrologic Unit	Quantity Reserved (MGD)	Effective Date
Honokōwai	0.770	September 18, 2018
Kamaole	2.547	September 18, 2018
Ke'anae	0.003	September 18, 2018
Kawaipapa	0.118	September 18, 2018
Lualaiula	0.063	September 18, 2018
Honokōhau, Honolua (surface)	2.00	May 18, 2021

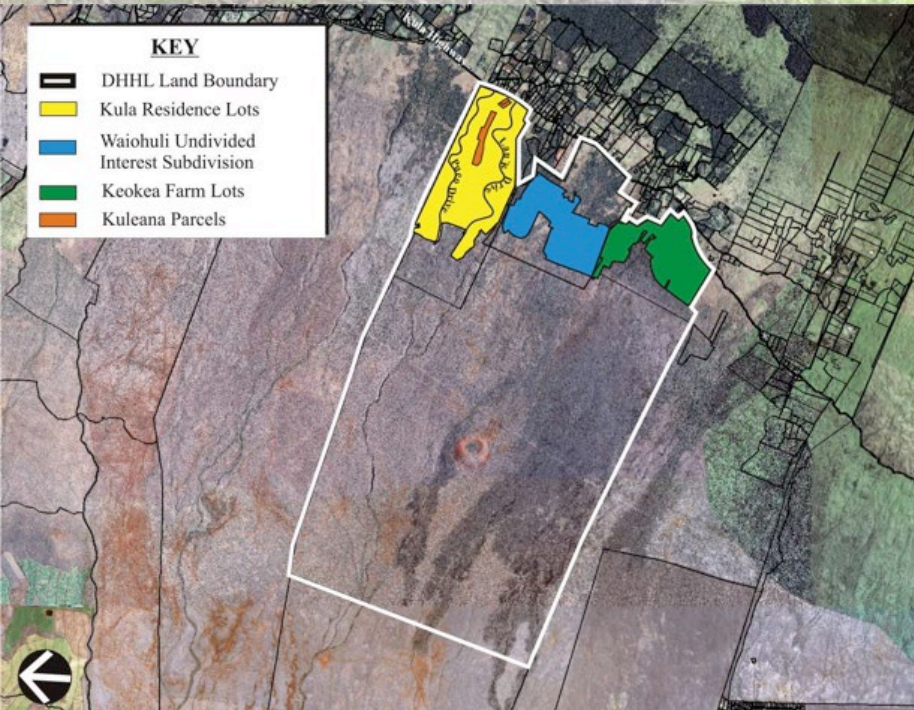
SOUTH

Pending Water Reservations

A map of the island of Maui, Hawaii, showing various regions and water reservation areas. The regions are labeled: WEST, CENTRAL, EAST, SOUTH, and UP COUNTRY. Specific areas are labeled: HONOKOWAI, PAUKUKALO, PUIUNENE, KE'ANAE, WAILUA, WAKIU, KALIHU/KANAHENA, ULUPALAKUA, KUALAPA, 'AHIHI, and KAHIKINUI. A large shaded area is visible in the south-central part of the island, and a smaller shaded area is in the east.

- **Request for a reservation from the East Maui Irrigation System (EMI)**
 - **11,177,500 gallons per day (“gpd”)**
 - **For current and foreseeable needs of Pūlehunui and Kēōkea-Waiohuli**
 - **Filed December 16, 2020**

Kēōkea-Waiohuli

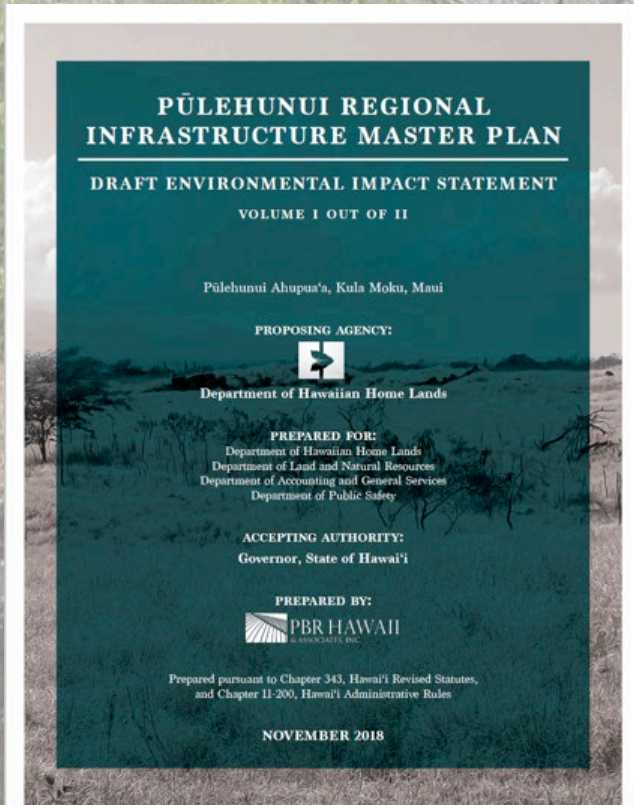


Priority Project - Develop Water Source and Related Infrastructure for Agricultural and Residential Lots

Kēōkea-Waiohuli	Potable	Non-Potable
From SWPP	809,700	578,000
Already Reserved	813,000	
3,940 acres Gen. Ag @2500		9,850,000
Adjusted Totals		10,428,000

- **No non-potable allocations for:**
 - Existing Ag lots (425,000 gpd)
 - Gen. Ag of 3,940 acres below homes (9,850,000 gpd)
- **Potential Reservations:**
10,275,000 gpd

Pūlehunui



	Potable	Non-Potable
Pūlehunui	1,734,000	1,027,510
Already Reserved	1,734,000	
Adjusted Total	0	1,027,510

- Pūlehunui Regional Infrastructure Master Plan, Draft EIS submitted
- Includes Other Agencies
- New Community Visions
- Groundwater is brackish
- Potential Reservations: 1,027,510 gpd

This Tuesday (Tomorrow):

C. 1. Proposed Interim Instream Flow Standard for Huelo Streams & Department of Hawaiian Home Lands Reservation, East Maui

Paul Meyer, Commi...

Neil Hannahs, Com...

Aurora Kagawa

Michael Buck, Com...

Wayne Katayama, ...

Public Testifier ...

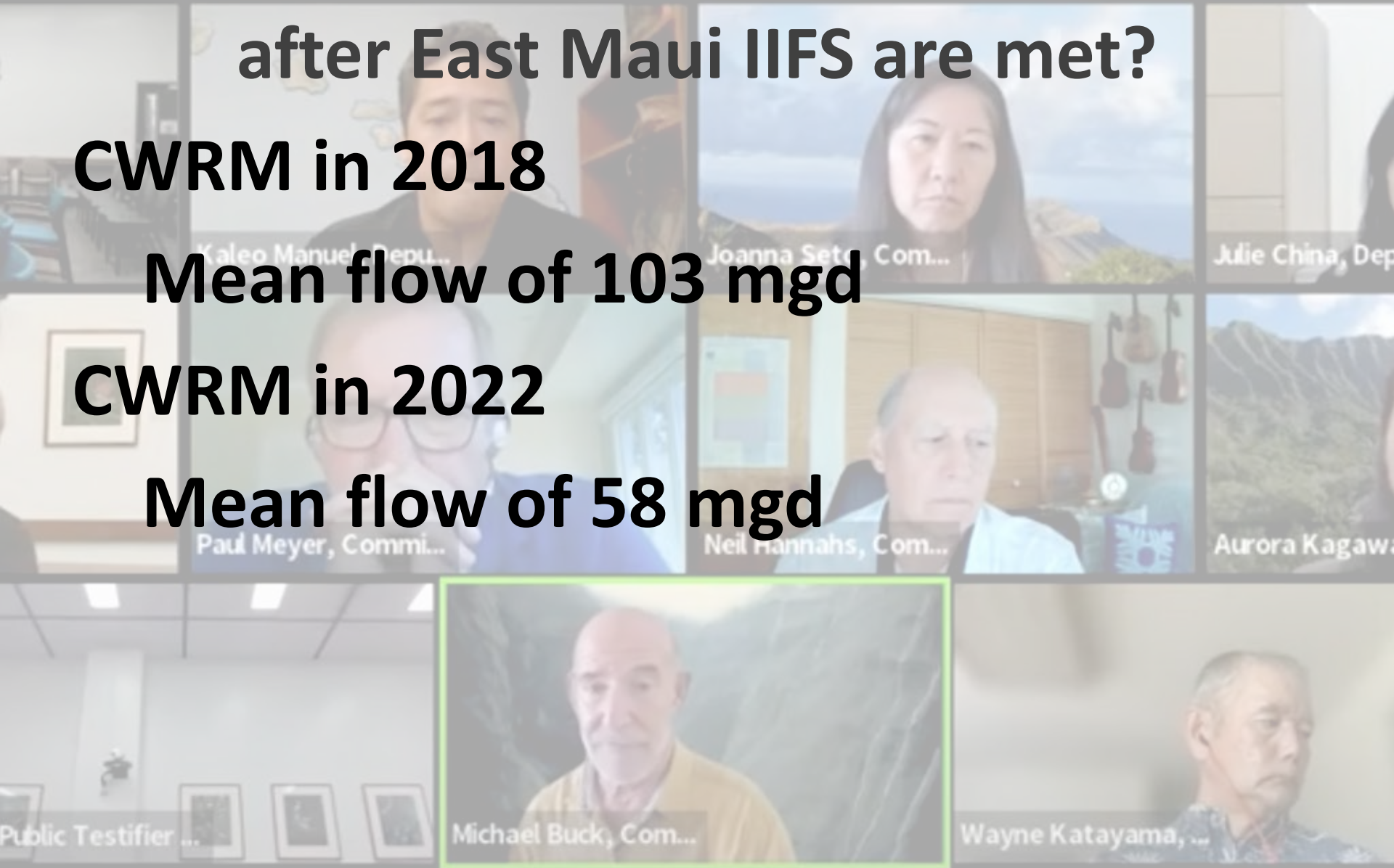
**How much water may be available
after East Maui IIFS are met?**

CWRM in 2018

Mean flow of 103 mgd

CWRM in 2022

Mean flow of 58 mgd



Kaleo Manuel, Depu...

Joanna Seto, Com...

Julie China, Dep...

Paul Meyer, Commi...

Neil Hannahs, Com...

Aurora Kagawa...

Public Testifier ...

Michael Buck, Com...

Wayne Katayama, ...

DHHL v CWRM assessment

DHHL Request: 11.7 mgd

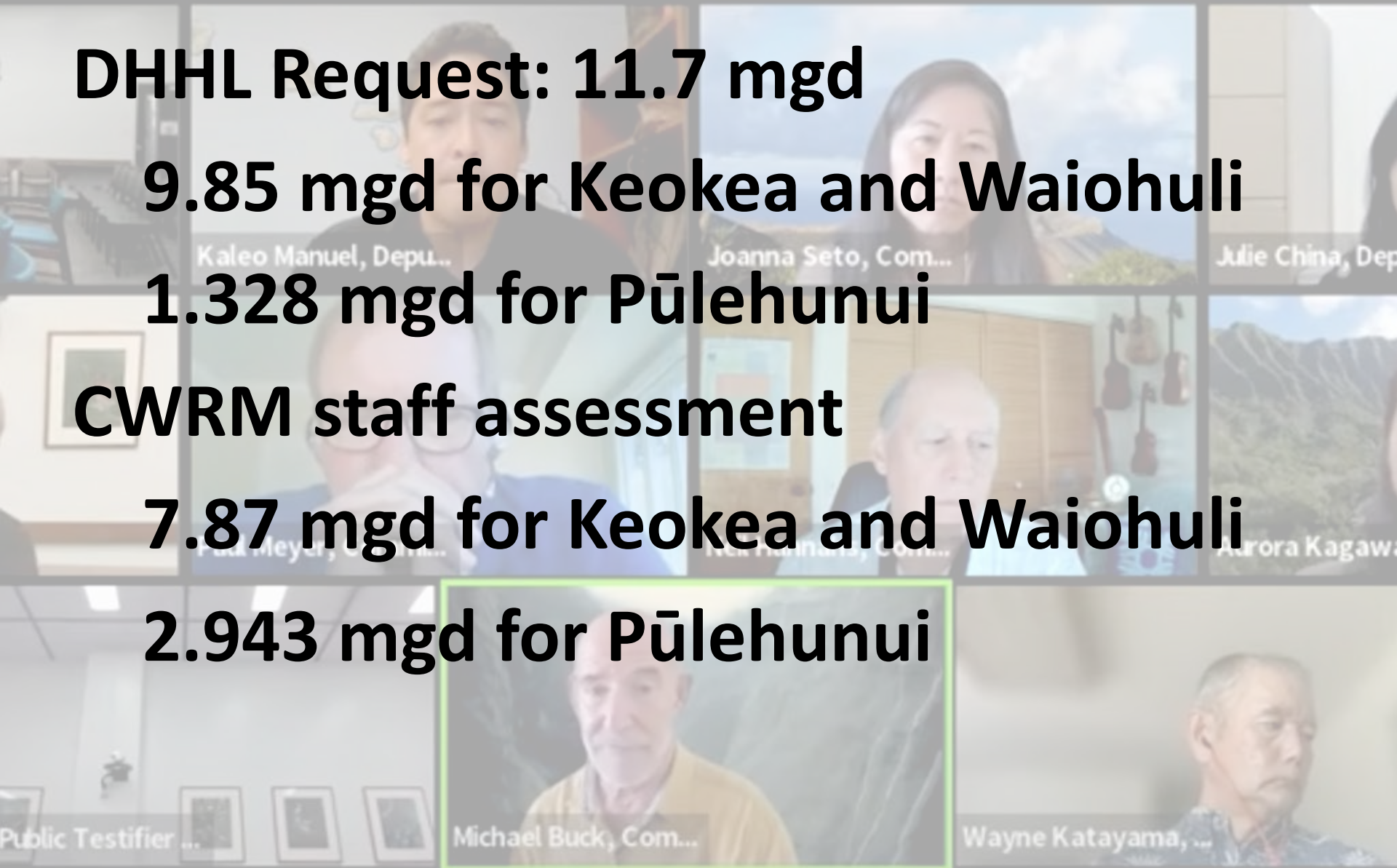
9.85 mgd for Keokea and Waiohuli

1.328 mgd for Pūlehunui

CWRM staff assessment

7.87 mgd for Keokea and Waiohuli

2.943 mgd for Pūlehunui



How to testify?

September 20, 2022, 9:00 am

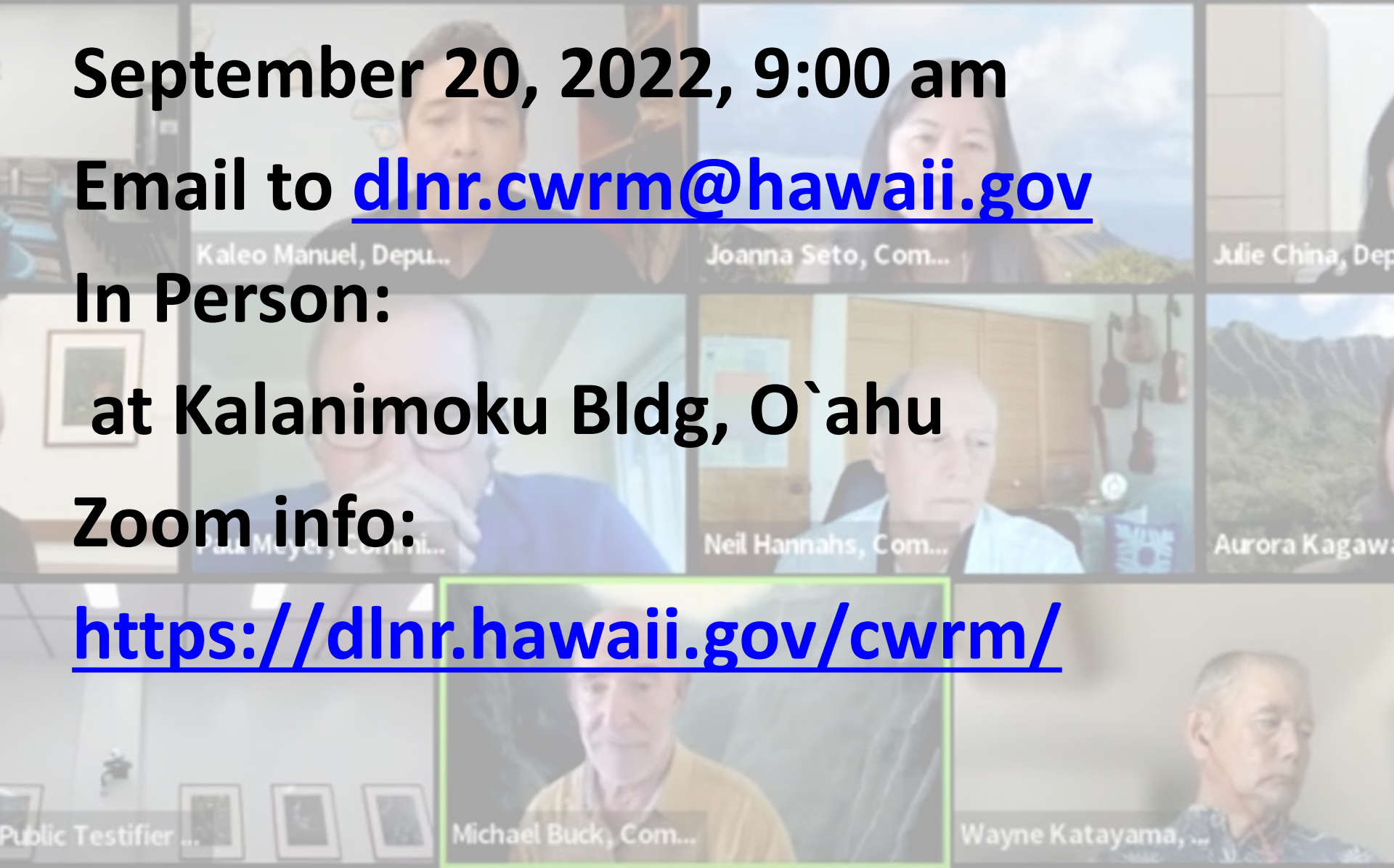
Email to dlnr.cwrn@hawaii.gov

In Person:

at Kalanimoku Bldg, O`ahu

Zoom info:

<https://dlnr.hawaii.gov/cwrn/>



West Maui Designation

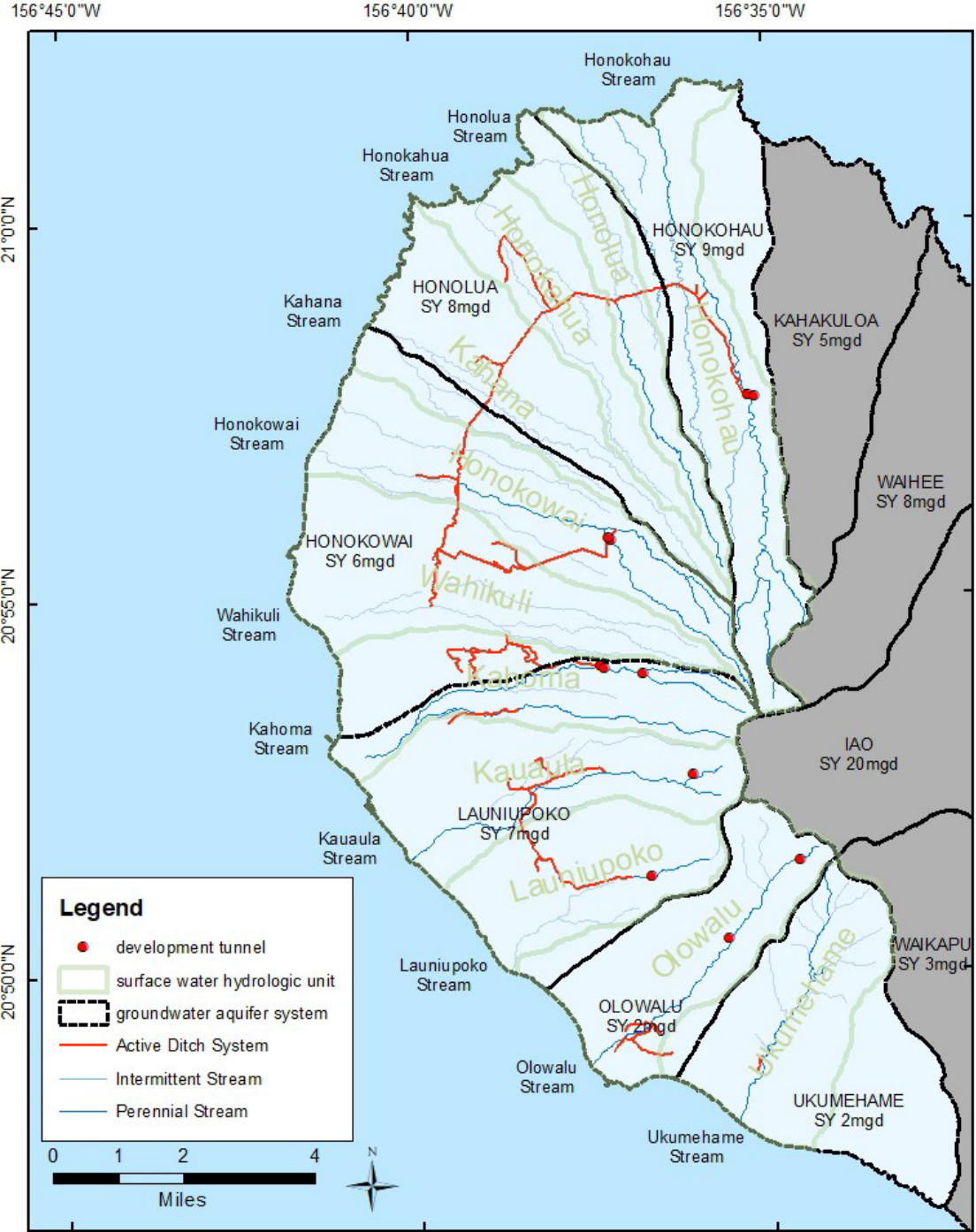
July 29, 2022

PUBLIC NOTICE

LAHAINA AQUIFER SECTOR AREA SURFACE AND GROUND WATER MANAGEMENT AREA DESIGNATION ISLAND OF MAUI

STATE OF HAWAII
Commission on Water Resource Management
Department of Land and Natural Resources

On June 14, 2022, the Commission on Water Resource Management rendered a decision to accept the Chairperson's recommendation to designate the Lahaina Aquifer Sector Area as both a Surface and Ground Water Management Area that includes the



- **Surface and Ground Water**
- **Existing Users have one year to apply**
- **DHHL Uses Protected**

Background image showing a video conference with participants: Seto, Com..., Julie China, Dep..., Wahs, Com..., Aurora Kagawa..., Wayne Katayama, ...