



Wetlands Overlay

Maui County Code Chapter 19.47

Planning Department
County of Maui
May 13, 2024

Why are wetlands important?

- Mitigate flood hazards
- Ecosystems (plants, birds, fish, insects)
- Ecosystem services (climate regulation, storm protection, drought recovery, erosion control, soil formation, pollution control, groundwater recharge, and much more)
- Cultural importance
- Recreation
- Natural beauty



Where are the Wetlands of Maui County?



- Mauka to Makai
- On all islands
- Most maps include estuaries, salt and freshwater wetlands, forest/shrub wetlands, freshwater ponds, lakes, rivers
- Different agencies and definitions lead to different maps
- Soils matter, too

Photo: Waipuilani in South Maui, W Crile, UH Sea Grant



19.47.020 – Policy

It is the policy of the County of Maui that wetlands be restored or protected.

The council's intent is to identify, restore, and protect wetlands beyond what is required by the Clean Water Act, Coastal Zone Management Act, or any other law to protect environmentally sensitive ecosystems and their services, including flood control, water quality enhancement, species protection, and climate adaptation and mitigation benefits. All discretionary permits issued by the County must be consistent with this policy.

Criteria for Inclusion on County's Overlay Map

- Map will show approximate location of wetlands throughout the county and likely migration areas reflected by passive flooding data...
- The boundary of wetlands is determined by the presence of 2 or more of the 3 wetland indicators
 - hydrophytic vegetation
 - presence of hydric soils
 - evidence of hydrology
- For flowing systems, the boundary must extend to the ordinary high-water mark
- Updates every 5 years.



19.47.070 – Mapping

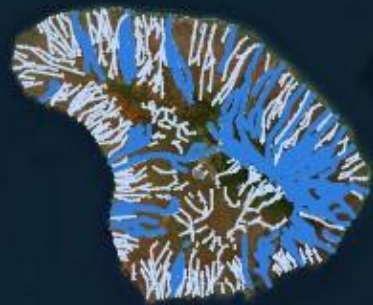
19.47.070 requires “a map that shows the approximate location of wetlands throughout the County and likely migration areas reflected by passive flooding data.

The boundary of wetlands is determined by the presence of two or more of the three wetland indicators listed in the 1987 U.S. Army Corps of Engineers Wetland Delineation Manual and the 2012 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Hawai‘i and Pacific Islands Region. These indicators are **hydrophytic vegetation**, the presence of **hydric soils**, and **evidence of hydrology**.

For flowing systems, the boundary must extend to the ordinary high-water mark, determined using the 2005 U.S. Army Corps of Engineers Regulatory Guidance Letter on the Determination of Ordinary High Water Mark Identification.”

Community meetings

- Molokai – May 23 at Mitchell Pauole Conference Room, Kaunakakai
- Maui – May 28 at Maui Ocean Center, Ma`alaea
- Lanai – June 4, Lanai High & Elementary School



Mahalo!

ADEPT Committee

From: Gregory Pfof <Gregory.J.Pfof@co.maui.hi.us>
Sent: Friday, May 10, 2024 3:01 PM
To: ADEPT Committee
Subject: PowerPoint Presentation for Monday's ADEPT meeting
Attachments: 240513ADEPTWetlandsDraftMap_1.pptx

Follow Up Flag: Follow up
Flag Status: Flagged

Aloha-
Attached is my PowerPoint presentation for the ADEPT meeting on Monday, May 13, 1:30 pm. You can post this presentation, however, please make sure that the posting does not include the slide notes.
Mahalo.
-Greg

Gregory Pfof

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