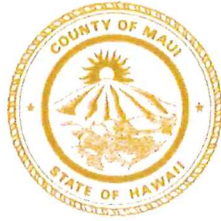


MICHAEL P. VICTORINO
Mayor

JEFFREY T. PEARSON, P.E.
Director

HELENE KAU
Deputy Director



DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAI'I 96793
www.mauicounty.gov/water

October 22, 2021

Kurt Wollenhaupt, Staff Planner
County of Maui Department of Planning
2200 Main Street, Suite 315
Wailuku, Hawai'i 96793

RE: Miki Basin Interim Industrial Uses in the State Agricultural and Rural Districts (SUP2)
Application, Lāna'i Island, Hawai'i.
TMK: (2) 4-9-002: 061 (por.)

2022 JAN - 7 AM 8:55
LAND USE COMMISSION
STATE OF HAWAII

Dear Mr. Wollenhaupt:

The County of Maui Department of Water Supply (MDWS) thanks you for the opportunity to offer the following comments on the Miki Basin Interim Industrial Uses Special Uses in the State Agricultural and Rural Districts Application (SUP2).

Water Source and Demand

According to the Commission on Water Resource Management (CWRM), Lāna'i Island has a sustainable yield of 6 million gallons per day (gpd). Fresh water is found solely in the high-level Central Aquifer Sector. The entire Island of Lāna'i is served by the Lāna'i Water Company (LWC), a private water utility company regulated by the Public Utilities Commission. Please note that MDWS has no jurisdiction over projects on Lāna'i. The SUP2 permit application states that the water demand for the proposed project is 2,000 gpd (Miki Basin Interim Industrial Uses LUC Permit Application, page 11).

Lāna'i Island Water Use and Development Plan (WUDP) Alignment

Lāna'i Island WUDP R-1 Resource Options

The projects *potential* use of R-1 recycled wastewater would be in alignment with the Lāna'i Island WUDP:

"Efficient use of water...." is "...essential to reduce waste of Lana'i's limited water resources. Lana'i's water and wastewater utilities should implement water recycling and water conservation programs targeting landscape...to substantially reduce water consumption to the extent allowed by the Public Utilities Commission" (Lāna'i Island WUDP, page 30).

"By Water All Things Find Life"

Conservation BMPs

Indoor

- Use EPA WaterSense labeled plumbing fixtures.
- Install flow reducers and faucet aerators in all plumbing fixtures wherever possible.
- Install dual flush toilets with high-efficiency models that use 1.28 gallons per flush or less.
- Install bathroom sink faucets with fixtures that do not exceed 1 gallon per minute at 60 pounds per square inch (psi).

Outdoor

- Use Smart Approved WaterMark irrigation products. Examples include evapotranspiration irrigation controllers, drip irrigation and water-saving spray heads.
- After plants are established, in order to avoid stimulating excessive growth, avoid fertilizing and pruning. Time watering to occur in the early morning or evening to limit evaporation. Limit the use of turf.
- Use native Hawaiian climate-adapted plants for landscaping. Native Hawaiian plants adapted to the area conserve water and protect the watershed from degradation due to invasive species.
- We recommend adopting landscape irrigation conservation BMPs endorsed by the Landscape Industry Council of Hawai'i at https://www.hawaiiscape.com/wp-content/uploads/2013/04/LICH_Irrigation_Conservation_BMPs.pdf

We hope you find this information useful. Should you have any questions, please contact staff planner Alex Buttaro at (808) 463-3103 or alex.buttaro@mauicounty.gov.

Sincerely,



Jeffrey T Pearson, P.E.
Director
BAB

File location: S:\PLANNING\Permit_Review\Projects Review\planning review\CUP_SUP\Lanai\249002061 Miki Basin Interim Ind Uses SUP2\249002061 Miki Basin Interim Industrial Uses