



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Nov 24, 2021

MEMORANDUM

TO: **DLNR Agencies:**
___ Div. of Aquatic Resources
___ Div. of Boating & Ocean Recreation
X Engineering Division (DLNR.ENGR@hawaii.gov)
X Div. of Forestry & Wildlife (rubyrosa.t.terrago@hawaii.gov)
___ Div. of State Parks
X Commission on Water Resource Management (DLNR.CWRM@hawaii.gov)
___ Office of Conservation & Coastal Lands
X Land Division – Maui District (daniel.i.ornellas@hawaii.gov)

FROM: Russell Y. Tsuji, Land Administrator *Russell Tsuji*
SUBJECT: **Second** Draft Environmental Assessment (DEA) for the Proposed
Miki Basin Industrial Park
LOCATION: Lanai, Island of Lanai; TMK: (2) 4-9-002:061 (por.)
APPLICANT: Munekiyo Hiraga on behalf of Lanai Resorts, LLC dba Pulama Lanai

Transmitted for your review and comment is information on the above-referenced subject matter. The DEA was published on November 23, 2021 by the State Environmental Review Program (formerly the Office of Environmental Quality Control) at the Office of Planning and Sustainable Development in the periodic bulletin, The Environmental Notice, available at the following link:

http://oeqc2.doh.hawaii.gov/The_Environmental_Notice/2021-11-23-TEN.pdf

Please submit any comments by **December 21, 2021**. If no response is received by this date, we will assume your agency has no comments. Should you have any questions, please contact Darlene Nakamura directly via email at darlene.k.nakamura@hawaii.gov. Thank you.

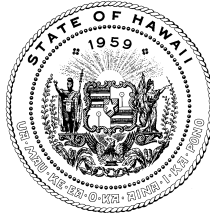
BRIEF COMMENTS:

- () We have no objections.
- () We have no comments.
- () We have no additional comments.
-) Comments are included/attached.

Signed: for *MS*
Print Name: DAVID G.SMITH, Administrator
Division: Division of Forestry and Wildlife
Date: Jan 6, 2022

Attachments
cc: Central Files

DAVID Y. IGE
GOVERNOR OF HAWAII



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CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ROBERT K. MASUDA
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KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF FORESTRY AND WILDLIFE
1151 PUNCHBOWL STREET, ROOM 325
HONOLULU, HAWAII 96813

January 5, 2022

MEMORANDUM

Log no. 3440

TO: RUSSELL Y. TSUJI, Land Administrator
Land Division

FROM: DAVID G. SMITH, Administrator
Division of Forestry and Wildlife

SUBJECT: Division of Forestry and Wildlife Comments on the Second Draft Environmental Assessment (DEA) for the Proposed Miki Basin Industrial Park, Lānaʻi

The Department of Land and Natural Resources, Division of Forestry and Wildlife (DOFAW) has received your request for comment on the second DEA for the proposed Miki Basin Industrial Park development in Lānaʻi City on the island of Lānaʻi, TMK: (2) 4-9-002:061. The proposed project consists of developing a 200-acre master-planned light and heavy industrial park on land adjoining the Lānaʻi Airport, the Maui Electric Company power plant, and the existing Miki Basin Industrial Condominium. Land development for this project would include 127 acres of renewable energy projects, 20 acres of infrastructure, 12.5 acres for the relocation of an existing asphalt plant, and 26 acres for new industrial uses. The remaining 14.5 acres will be used for the relocation of an existing concrete recycling and rock crushing operation, and for the storage/stockpiling of aggregate and construction materials.

Artificial lighting can adversely impact seabirds that may pass through the area at night by causing disorientation. This disorientation can result in a collision with manmade structures or the grounding of birds. For nighttime work that might be required, DOFAW recommends that all lights used be fully shielded to minimize the attraction of seabirds. Nighttime work that requires outdoor lighting should be avoided during the seabird fledging season from September 15 through December 15. This is the period when young seabirds take their maiden voyage to the open sea and are attracted to artificial lighting sources. Permanent lighting also poses a risk of seabird attraction, and as such should be minimized. For illustrations and guidance related to seabird-friendly light styles that also protect seabirds and the dark starry skies of Hawaiʻi please visit <https://dlnr.hawaii.gov/wildlife/files/2016/03/DOC439.pdf>.

The State listed Hawaiian Hoary Bat or ʻŌpeʻapeʻa (*Lasiurus cinereus semotus*) could potentially occur in the vicinity of the project area and may roost in nearby trees. Any required site clearing should be timed to avoid disturbance to bats during their birthing and pup rearing season (June 1 through September 15). During this period woody plants greater than 15 feet (4.6 meters) tall should not be disturbed, removed, or trimmed. Barbed wire should be avoided for any construction because bat mortalities have been documented as a result of becoming ensnared by barbed wire during flight.

The project area falls within or is encompassed by the historic range of the State listed Blackburn's Sphinx Moth (BSM; *Manduca blackburni*). Larvae of BSM feed on many nonnative hostplants that include tree tobacco (*Nicotiana glauca*) which grows in disturbed soil. DOFAW recommends removing plants less than one meter in height or during the dry time of the year to avoid harm to BSM. If you intend to either remove tree tobacco over one meter in height or to disturb the ground around or within several meters of these plants, they must be thoroughly inspected by a qualified biologist for the presence of BSM eggs and larvae. We recommend contacting our Lānaʻi DOFAW office at (808) 565-7916 for further information about where BSM may be present and whether a vegetation survey should be conducted to determine the presence of plants preferred by BSM.


DOFAW recommends minimizing the movement of plant or soil material between worksites, such as infill. Soil and plant material may contain invasive fungal pathogens (e.g., Rapid Ōhiʻa Death), vertebrate and invertebrate pests, or invasive plant parts (e.g., coqui frogs, little fire ants, coconut rhinoceros beetles) that could harm our native species and ecosystems. We recommend consulting the Oʻahu Invasive Species Committee (OISC) at (808) 266-7994 in planning, design, and construction of the project to learn of any high-risk invasive species in the area and ways to mitigate spread. All equipment, materials, and personnel should be cleaned of excess soil and debris to minimize the risk of spreading invasive species.

Although Rapid Ōhiʻa Death is not known to occur on Lānaʻi, we urge caution if working around any Ōhiʻa trees to avoid injuring them as a best practice precautionary measure to prevent spread of the disease.

DOFAW recommends using native plant species for landscaping that are appropriate for the area (i.e., climate conditions are suitable for the plants to thrive, historically occurred there, etc.). Please do not plant invasive species. DOFAW recommends consulting the Hawaiʻi-Pacific Weed Risk Assessment website to determine the potential invasiveness of plants proposed for use in the project (<https://sites.google.com/site/weedriskassessment/home>). We recommend that you refer to www.plantpono.org for guidance on selection and evaluation for landscaping plants.

We appreciate your efforts to work with our office for the conservation of our native species. Should the scope of the project change significantly, or should it become apparent that threatened or endangered species may be impacted, please contact our staff as soon as possible. If you have any questions, please contact Paul Radley, Protected Species Habitat Conservation Planning Coordinator at (808) 295-1123 or paul.m.radley@hawaii.gov.

Sincerely,

For 
DAVID G. SMITH
Administrator