

DRAFT MINUTES of the MISUAB Meeting
October 28, 2025

I. Call to Order 11:06

II. Introductions/Role Call

- Janice Fujimoto- DAB
- Allegra Bellknap- Guest
- Leilani Chow- Ho'ahu Energy Group
- Jill Coombs- Non-Homestead rep
- Denise Kawano- Guest
- Lemana Ritte- Camara- Ho'ahu Energy Group
- Malu- guest OHA
- Faith Tuipulotu- waiting on confirmation for MLSWCD rep
- David Bush-DHHL
- Oscar Ignacio- Hikiola representative
- James Boswell- Homestead users rep
- Lance Kaneakua- DAB
- Sebastian Sabar- Ho'ahu Energy Group/ Shake Energy
- Debbie Kelly- guest

III. Approval of Draft Minutes of the June 24, 2025, meeting.

James- move to approve minutes.

David Second

Minutes unanimously approved as presented.

IV. Old Business

A. Status of 2023 Proposed Irrigation Water Rate Changes - table.

B. Letter to the Board of Agriculture and Biosecurity addressing concerns over funding of the Moloka'i Irrigation System- table.

David- motion: because of time constraints, we will not go in order of agenda (minutes will read as meeting progressed)

Oscar- second

V. New Business

A. Moloka'i Irrigation System Delinquency Account Update- Janice talked about it at the last meeting of Board of Ag and Biosecurity and BAB approved. October 1st, sent out first mailout. The department gave options and a sample form to all MIS for adjustment process. Gave users the opportunity to keep the system and take the adjustment (wipe remaining bill at the end of October) or they can opt out of the system and their water access will be removed. If your account is up to date and you do not have an outstanding balance, then you continue as normal. If you do not reply but your balance is overdue and you do not return the paper, then your water will be shut off. If an account is closed out, and a new person assumes the homestead lease, and wants to turn the water back on, if the meter is existing, they can reapply (free until Dec) Pay \$65 fee after December. If there are questions, call the Honolulu office, Wed Nov 12 there will be DAB reps on island at the baseyard. MIS has about 220ish homestead and 30ish non-homestead users, letters sent to all, Molokai staff are also going door to door to help make sure everyone has their paper and answer any questions.

As a board we are supportive but concerned. There are many concerns for the users that have been paying consistently. There is also community raised concerns about

accountability and repercussions of not paying and what the future will hold as the shutoffs are enforced.

- If you don't turn in the paper and you also are delinquent then you STILL OWE all that.
- The form requests are also to update the accounts and make sure the bills are being mailed to the correct addresses.

VI. Reports and Presentations

A. System Update – Hawai'i Department of Agriculture and Biosecurity (DAB) Staff – attached.

- house to house passing out one-time adjustment forms
- Oct 23 tunnel maintenance
- 19.75 feet (448.7 million gallons) 20.25 last year (estimated)
- 2.425 mil gal/day
- 4.185 mil gal/ day
- currently on a 10% voluntary restriction
- 10% mandatory restriction effective Nov 15th for non-homestead users
- based on average monthly use for last 3 years, divided by 36 months. Plan is to send letters to users. If you go over the allotment, there is a 10cent per 1000 gallons surcharge. No date for re-assessment, still looking at it every single day. Forecasted to be very rainy. Do not have a way to accurately measure inflow, use the level of water in the tunnel, that's why the water is greater inflow than outflow.
- running pump 5 for 24 hours a day
- pump 24 for 6 hours a day
- pump 6 is currently broken
- this is still under the max allocation for CWRM. (Plan for pumps is running 3 weeks of 6, 1 week of pump 5)- don't know how much gallons the allocation is.
- The board has concerns about funding the system with the 10% water restrictions (less \$ coming in) the unpaid bill and the increased costs of the extra pumping.

B. Capital Projects Update – DAB Staff

- Janice, ongoing CIP projects are SCADA and pump design
- pursuing federal grant for PV near west portal
- CIP request for transmission line couplings, painting and cracks
- baseyard improvements
- west portal road access
- finish valve replacements
- septic for baseyard is almost done

C. Financial Update, with energy use report and expenses – DAB Staff

-For

- water income 99,884, state 222897
- expenses, payroll is zero due to state budget reallocations
- 53K in electric, 7K other
- 81 delinquent accounts 1.5 million
- 52 users owe more than 1000.
- 29 owe less than 1000.
- 22 people owe over 10,000 and that accounts for 1.4 million.
- \$18,900 to run pumps for Sept
- \$23,000 to run pumps for Aug

C. Update from the Molokai Clean Energy Hui renewable energy projects that pertain to the Moloka'i Irrigation System: floating solar and pump storage hydropower.

- community energy projects.
- top 5 projects can be moved forward. In April
- floating solar
- goal is to provide free energy for Moloka'i
- estimated 31 million gallons of water saved by reducing evaporation. Very conservative estimate.
- estimated reduced pumping by 60% which translates into cost savings.
- NREL did first estimates, NORI engineering will help with next level of detail
- need imagery data for bottom of reservoir, can design panels to fit the bottom so they just bottom out then float back up if the reservoir got too low.
- goal would be to keep it 50' from any sides to account for any water level change.
- estimates around how much current the wave pattern is, panels will reduce waves.
- existing company designed panels that withstood hurricane in FL
- lots of floating solar in Asia and Europe
- agreement on site control access, need to understand why the state (DAB) is no longer in agreement.

-pumped hydro

- reservoirs above the heights. (DHHL)
- maintenance contract, and who will maintain when the money runs out

-regular hydro

- probably not worth the energy gain

D. Board Member Vacancies – pending approval by Boards and Commissions Office

- MSWCD-Aunty Faith
- Mokupuni- Uncle Toodie
- Farm Bureau- Denise

VII. Announcements

- None

VIII. Next Meeting Date

- Nov 18, 11am

VIII. Adjournment

- David made a motion to adjourn the meeting
- James 2nd
- mtg adjourned 12:45pm

MOLOKAI IRRIGATION SYSTEM

Oct. 28, 2025

Monthly Report

Number of farm field visit to provide general assistance not related to meters 0

Quarterly Report

Period: Oct. to Dec. 2025

Number of days without planned water delivery disruption (i.e. normal water delivery)0

Number of days of water restrictions for Homesteaders0

Number of days of water restrictions for non-Homesteaders.....0

Number of days without accidents or injuries:52

Percentage change in revenue and operating cost:

Pump 5: Running for 24hrs for a week Pump 6 down waiting on parts

Pump 24: running for 6hrs daily

Semi-Annual Report.

Period: July to Dec.

Number of meters installed for Homesteaders.....0

Number of meters installed for Non-homesteaders.....0

Number of meters repaired or replaced..... 0

Average time between request for service and completion of service:approximately 3 months.

Annual Report.

Number and type of Capital Improvement Projects 1

Number of CIP projects in progress..... 1

Percentage of brush cleared in Reservoir..... 30% cleared.

Percentage of gravel cleared in tunnel..... 95% cleared.

Financial Strength: On time bill paying

Financial Weakness: Delinquent account\Rising Fuel Cost\Pumps

Molokai Irrigation System

Department of Agriculture

Date: Oct. 28, 2025

To: Molokai Water Users Advisory Board
From: Lance Kaneakua (District Manager)
Subject: System update

Molokai Irrigation Tasks

This month we been going house to pass out One Time Adjustment Forms for MIS Lessee

Oct.23rd We went through the tunnel to do monthly maintenance.

All daily/Monthly duties is on going for the month.

Kualapuu Reservoir level... 19 3/4 feet..... 448.750 million gallons stored.

Level at this time last year... 20 1/4 feet.

Reservoir average outflow... 2.425 MGD from the total usage from the meter readings

Reservoir average inflow.....4.185 MGD