



Minutes

Regular Meeting

Maunakea Management Board

March 7, 2023

Virtual Meeting By Zoom

Attending:

MKMB, In Person: Gregory Chun PhD, Chair Roberta Chu

MKMB, Remote: 2nd Vice Chair Julie Leialoha, Dr. Billy Bergin, Diana Van de Car
(Excused: Andy Adamson)

BOR: Wayne Higaki (Excused: Alapaki Nahale-a)

Kahu Kū Mauna: —

CMS: Gregory Chun PhD, Nahua Guilloz, Joy Yoshina, Courtney Keli'i

UH: Bonnie D. Irwin, Gary Takeuchi

Others: —

I. CALL TO ORDER

The Maunakea Management Board (MKMB) meeting was called to order by Chair Roberta Chu at 5:05 p.m. It was noted that those in attendance constitute a quorum. Due to Sunshine Law requirements, each MKMB member attending remotely was asked if anyone else was present with them at their remote location. None noted.

II. PUBLIC COMMENTS

No public testimony was presented.

III. APPROVAL OF MINUTES

Chair Chu asked if there were changes to the minutes of the October 4, 2022 meeting. No one requested changes. MKMB member Billy Bergin made a motion to approve the October 4, 2022 minutes as circulated. MKMB member Diana Van de Car seconded the motion, and the motion was carried unanimously.

IV. KAHU KŪ MAUNA (KKM) REPORT

Executive Director Gregory Chun reported on behalf of Kahu Kū Mauna (KKM) Chair Shane Palacat Nelsen. Their next meeting is scheduled for March 16, 2023.

Director Chun reported that KKM is keeping a close eye on the transition of the new authority. No major initiatives are in progress. Should the transition take longer, KKM will continue forward with a review of cultural policies that have been on hold.

V. EXECUTIVE DIRECTOR'S REPORT

MKMB member Chun commended the MKSS Utility crew for the road maintenance and snow removal efforts that have been required with the recent storms.

A. BLNR Annual Report

Per the Comprehensive Management Plan (CMP), the Center of Maunakea Stewardship (CMS) is required to prepare an Annual Report for the Board of Land and Natural Resources (BLNR). MKMB member Chun shared the Annual Report that he presented at the February 24, 2022 meeting with BLNR. The powerpoint that he prepared can be viewed on the CMS website along with the reading materials.

The Annual Report covers the following main areas:

Governance

How governance of Maunakea evolved over the years, including the role of our cultural advisory groups in governance, and how Act 255 paves the way for the new Maunakea Stewardship Oversight Authority (MKSOA).

Planning and Permitting

Several major planning and permitting projects were completed in 2022:

E Ō Nā Leo, the Master Plan for the University of Hawai'i Maunakea Lands, was approved by the BoR in January of 2022. The plan provides details on the proposed land uses for the next 20 years on our UH managed lands. One highlight of the plan is that it provides an opportunity for HP to be repurposed into a multidisciplinary field station to support UH's broader educational/research mission.

The 2009 CMP was also updated with the CMP 2022 Supplement that reflects the application of the principles of adaptive management. It was approved in July of 2022 by BLNR.

Two decommissioning projects are in process. Decommissioning of the CalTech Submillimeter Observatory (CSO): the Conservation District Use Permit (CDUP) was approved in January of 2022. Transportation and other permits are in process for the transport of the telescope mirror to Kawaihae for shipping. Facility deconstruction is on schedule to be completed by December 2023. Decommissioning of Hōkū Kea: Conservation District Use Permit Application (CDUA) review is in process by DLNR with approval targeted for May 2023.

Resource Management

The annual monitoring of historical sites and arthropod survey resulted in no unnatural changes or infestations.

CMS Resource Manager, Justin Yeh is working on an extended native plant restoration plan for the HP area. Silversword Propagation in partnership with the DLNR Division of Forestry and Wildlife (DOFAW) has been successful. Outplanting of those that were propagated are in discussion.

Public Weed Pull this Saturday at HP, Saturday, March 11th. More information and to sign up, please go to the CMS website. Lunch is provided.

‘Ua‘u nesting sites discovered on Maunakea. Collaboration with the Department of Hawaiian Homelands (DHHL) and DLNR. First sighting in 60 years

Education and Outreach

CMS Director of Stewardship Programs Nahua Guilloz led the project to update interpretive and safety signage around the Visitor Information Station (VIS). A remodel of the VIS is underway in collaboration with UH Hilo and ‘Imiloa to develop new displays.

Adaptive Management

CMS Rangers have started a new safety protocol for anyone descending the mountain. Rangers are conducting pre-dawn road and safety checks as well. This allows those that work on the summit to have an understanding of the weather and road conditions prior to going up and for our Utility crew to plan their work for the day.

Act 255

An overview of UH transition priorities as a result of Act 255 is covered in the annual report. The bill is clear that MKSOA assumes responsibility for permits, dispositions, land use approvals, and any other approvals pertaining to the Mauna Kea Lands that currently are under DLNR and Land Use Commission (LUC) jurisdiction per Hawai‘i Revised Statutes (HRS) 171 and 205. However, the role of the MKSOA under Chapter 183C is unclear. This covers Conservation District jurisdiction that is currently administered by DLNR. It is imperative that a clarification of this authority is made to ensure proper conservation protections.

UH-88 Spill

The system remains turned off. The two locations that had leaks have been repaired. Samples were taken from those locations and sent to an EPA certified lab in California. These samples were confirmed to be ethylene glycol mixed with water. A third sample from a drain that terminates outside the building was tested and there were no detectable traces found. The Institute for Astronomy (IfA) is continuing to work with the Department of Health on developing a plan to convert the system to propylene glycol which is FDA approved and much safer. The amount released is still undetermined and will be determined as part of the plan to convert the system.

MKMB member Diana Van de Car inquired about the timeline of when the new MKSOA Board was to be confirmed. MKMB member Chun informed Van De Car that Governor Greene resubmitted all the names previously submitted for confirmation by Governor Ige. The confirmation will be handled by Senator Inouye’s Water and Land Committee. At this time, confirmation hearings have not been scheduled.

VI. AGENDA ITEMS

A. Review & Recommend Approval: Smithsonian Submillimeter Array (SMA)

- **Packaged Air Conditioning Unit (PACU) Replacement**, Minimal Impact
SMA has requested to 1) replace their outdated, main packaged AC unit, 2) reduce the amount of their condensed units from three to two, and 3) to modify their exhaust vents. The AC units are imperative to SMA's instruments as they require specific temperature to ensure the quality of their findings. Joy Yoshina informed the board that the project is within the facility blueprint and that they are not expanding or changing the permitted uses. The problem at hand is the units are at the end of their service lifetimes. The exhaust vents are located by the back-up generator. Although it is rarely used, when powered, the generator emits diesel fumes that travel through the building's vents.

MKMB member Bergin requested to know more about the risk of the diesel emissions including frequency and volume. Chair Chu recommended approval subject to a review and confirmation that the intake of diesel fumes do not pose a risk to people in the building. If the risk is greater than what we think it is, then we can hold off on moving forward. MKMB member Julie Leialoha moved to approve the recommended approval with this stipulation. MKMB member Diana Van De Car seconded the motion, and the motion was carried unanimously.

B. Information & Discussion: Relocation of Mauna Loa Observatory (MLO)

- **Carbon Dioxide Monitor to the UH-88 Telescope**, Minimal Impact
Nahua Guilloz informed the Board that the project has been implemented under emergency criteria and approved by DLNR. This atmospheric measuring unit, key to those monitoring climate change, has been collecting data since 1958 on Maunaloa. Due to the eruption, the unit has been relocated and installed on top of UH88 along with its weather station. Guilloz explained the transition process, including the collaboration with DLNR Office of Conservation and Coastal Lands (OCCL), National Oceanic and Atmospheric Administration (NOAA), UH Legal, IfA, and CMS to complete this

VII. EXECUTIVE SESSION

MKMB member Chun made a motion to move into executive session pursuant to HRS Section 92-5 (a)(4) to consult with the Board's attorney on questions and issues pertaining to the Board's powers, duties, privileges, immunities, and liabilities regarding membership, community engagement, and administration. MKMB member Billy Begin seconded the motion, and the motion was carried unanimously.

The Executive Session started at 5:52 p.m. and concluded at 6:41 p.m. The public meeting was reconvened at 6:41 pm.

VIII. ANNOUNCEMENTS

Chair Chu informed the Board of the recent passing of Wally Ishibashi. Wally's funeral will be on Saturday, March 25th, at the Church of Jesus Christ Latter-day Saints on Kilauea Ave. Visitation will be held from 10 to 11 am. Service will begin at 11 am with lunch to follow.

Chair Chu shared that the next public meeting will be held on Tuesday, April 4th, at 5 p.m. [The upcoming meeting has been rescheduled to Tuesday, May 2, 2023, at 5 p.m.]

IX. ADJOURNMENT

Chair Chu adjourned the meeting at 6:55 p.m.

Respectfully submitted:
Courtney Keli'i
March 7, 2023