

MINUTES

1104th MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

August 10th, 2022

TIME: 5:00 P.M.
PLACE: Hybrid Meeting of the Board of Trustees
Physically held at the Office of the District
23187 Connecticut Street, Hayward, CA 94545 and
Teleconferencing at <https://us02web.zoom.us/j/82043268457>
TRUSTEES: Subru Bhat, President, City of Union City
Victor Aguilar, Vice-President, City of San Leandro
Cathy Roache, Secretary, County-at-Large
Tyler Savage, City of Alameda
Preston Jordan, City of Albany
P. Robert Beatty, City of Berkeley
Shawn Kumagai, City of Dublin
Courtney Welch, City of Emeryville
George Young, City of Fremont
Elisa Márquez, City of Hayward
Steven Cox, City of Livermore
Eric Hentschke, City of Newark
Jan O. Washburn, City of Oakland
Hope Salzer, City of Piedmont
Julie Testa, City of Pleasanton

1. Board President Bhat called the regularly scheduled board meeting to order at 5:00 P.M.
2. Board President Bhat along with Trustees Roache and Hentschke were present in-person at the district. Trustees Aguilar, Jordan, Beatty, Young, Cox, Washburn, Salzer, and Testa were present on the Zoom conference. Trustees Savage, Kumagai, Welch, and Márquez were absent.
3. Board President Bhat invited members of the public to speak on any issue relevant to the district. Lab Director Eric Haas-Stapleton was present to speak on behalf of item five. Sky Mihaylo was present to give a presentation titled *Work Effort Distribution Analysis at Alameda County Mosquito Abatement District*. Regulatory & Public Affairs Director Erika Castillo was present to give a presentation titled *ACMAD Regulatory Update*. Information Technology Director Robert Ferdan was present for technical support. Vector Biologist Jeremy Sette was present to record the minutes. No public comments were submitted.
4. Approval of the minutes of the 1103rd meeting held July 13th, 2022.
Motion: Trustee Hentschke moved to approve the minutes
Second: Trustee Jordan
Vote: motion carries: unanimous.

5. Approval of Leica M165C microscope with boom stand to replace Olympus SZ800.

Discussion:

Lab Director Eric Haas-Stapleton gave a background of the Leica M165C microscope and its potential benefit to the district and fielded the following discussion. Trustee Hentschke asked what the maintenance schedule is for the microscope (simple in-house maintenance and cleaning). Trustee Beatty commented on the low price. Trustee Cox asked how often these types of microscopes need to be replaced (a ten-year service life according to the capital replacement plan), where in the budget the purchase was coming from (the General Manager answered: from the Repair and Replace reserve fund), and since the price exceeds the amount budgeted, what measures need to be taken (any small overage will be covered by the interest gained in the Reserve and Replace fund). Trustee Jordan asked if all capital expenditures need to be brought to the Board and noted the low price of the microscope (the General Manager answered that per district policy, any purchase above \$15K requires Board authorization). Trustee Salzer asked what the plans would be with the Olympus SZ800 (the General Manager answered that if there is no further use for the replacement microscope, it would be sold on an online government auction).

Motion: Vice-President Aguilar moved to approve the purchase of the Leica M165C microscope with boom stand

Second: Trustee Washburn

Vote: motion carries: unanimous.

6. Presentation by Sky Mihaylo, MPP UC Berkeley, Goldman School of Public Policy: *Work Effort Distribution Analysis at Alameda County Mosquito Abatement District*

Discussion:

After Sky Mihaylo gave her presentation, she fielded the following questions. Trustee Beatty asked about the "Not Indicated" area of the map (Mihaylo answered that "Not Indicated" was because of a non-defined type of equipment used for operations treatments). The General Manager noted it was likely catch basin treatments. Vector Biologist Jeremy Sette added that the "Not Indicated" may be due to inconsistencies in data entry among staff. Trustee Jordan commented on the high number of service requests from downtown Berkeley and the low number from East Oakland (Mihaylo answered that his observation was consistent with the findings from Emily Estes equity report, and the General Manager agreed with this observation, which staff is addressing). Trustee Washburn asked how square footage treated was correlated to work effort (explained the process of converting acres to square feet for treatments), and asked how the UAS could affect workload effort (this model could be revised to reflect how new technologies change work effort), and asked how things will change when invasive *Aedes* are found in our district (these zones were established to control native mosquitoes; field staff work areas may be revised when invasive mosquitoes arrive to the district). Trustee Beatty commented on the different types of equipment used by operations such as treating tree-holes versus all-terrain vehicle treatments and commented on the challenges associated with interacting with the public (Mihaylo agreed). Trustee Jordan suggested using weighting factors in GIS mapping and asked about the future of the GIS project (the General Manager answered that the project is already in the next phase and gave a background on the rezoning project's motivation related to improving health equity). Trustees Jordan and Salzer again commented on the low number of insecticide applications in East Oakland (the General Manager agreed and explained their intent to address this gap in service).

7. Presentation by Regulatory & Public Affairs Director, Erika Castillo: *ACMAD Regulatory Update*.

Discussion:

Erika Castillo gave a presentation titled *ACMAD Regulatory Update* and fielded the following discussion. Trustee Salzer asked what the units were in the SF Estuary Tidal Marsh Restoration Goals slide (acres). President Bhat asked if “pollinators” were strictly bees (bees as well as butterflies and other flying insects). Trustee Jordan asked if the Wetland Regional Monitoring Program was a standalone agency (it is a fairly new organization that relies on grant funding and staffing through the SF Estuary Partnership and the SF Estuary Institute), if they did any fieldwork (not officially, but yes through collaborations), what is the People and Wetlands workgroup focus (expanding that program area to incorporate newly added tribal and community representative perspectives), asked about the purple areas in the map on page four that is not in the legend (will look into). Secretary Roache asked if spartina control in the marsh increased or decreased mosquito habitat (likely decreased). Trustee Cox was pleased with all the district’s involvement with other agencies and asked if other regional districts were as involved (the regional districts support the district’s efforts but there hasn’t been a model developed to dedicate as much staff as ACMAD has). The General Manager commended Castillo and the district’s efforts and leadership regionally, state and nationwide. President Bhat thanked Castillo for an excellent presentation. Trustee Salzer thanked Castillo and expressed how she was impressed by Castillo’s efforts and leadership.

8. Financial Reports as of July 31st, 2022.

Discussion:

The General Manager presented the Financial Reports.

9. Presentation of the Monthly Staff Report.

Discussion:

The General Manager, Lab Director, and the Regulatory & Public Affairs Director gave the Monthly Staff Report.

10. Presentation of the Manager’s Report.

Discussion:

The General Manager presented the Manager’s Report and fielded the following discussion. The General Manager asked the Board if they would prefer an OPEB update by PFM in October with June financial numbers or a November report with September numbers (President Bhat suggested November). Next month, an unmaintained swimming pool presentation will likely given by Field Operations Supervisor Joseph Huston with assistance by Information Technology Director Robert Ferdan. Trustee Jordan asked about looking into the possibility of using algorithms for OPEB fund management rather than active management. The General Manager suggested that they speak offline further on the subject before bringing the topic back to the full board.

11. Board President Bhat asked for reports on conferences and seminars attended by Trustees. None.


12. Board President Bhat asked for announcements from the Board. None.

13. Board President Bhat asked trustees for items to be added to the agenda for the next Board meeting. None.

14. The meeting adjourned at 7:03 P.M.

Respectfully submitted,

Approved as written and/or corrected
at the 1105th meeting of the Board of
Trustees held September 14th, 2022



Subru Bhat, President
BOARD OF TRUSTEES



Cathy Roache, Secretary
BOARD OF TRUSTEES