

MINUTES

1098th MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

January 12th, 2022

TIME: 5:00 P.M.
PLACE: *Zoom Teleconference Only*
TRUSTEES: P. Robert Beatty, President, City of Berkeley
Subru Bhat, Vice-President, City of Union City
Victor Aguilar, Secretary, City of San Leandro
Cathy Roache, County-at-Large
Tyler Savage, City of Alameda
Preston Jordan, City of Albany
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
Andrew Mingst, City of Piedmont
Julie Testa, City of Pleasanton

1. Board President Beatty called the regularly scheduled board meeting to order at 5:01 P.M.
2. Trustees Beatty, Bhat, Aguilar, Roache, Savage, Jordan, Kumagai, Welch, Young, Márquez, Cox, Hentschke, and Washburn were present on the Zoom conference. Trustees Mingst and Welch arrived at 5:03, Trustee Testa arrived at 5:12 P.M.
3. Board President Beatty invited members of the public to speak on any issue relevant to the District. Former Trustee Wendi Poulson was present and expressed her appreciation and honor serving on the Board thanking staff and Trustees before exiting the meeting at 5:06. Information Technology Director Robert Ferdan was present for technical support. Vector Biologist Jeremy Sette was present to record the minutes and give the Operations Report. Lab Director Eric Haas-Stapleton was present to report on item # 11. No public comments were submitted.
4. Introduction of new Board Members from the cities of Alameda & Emeryville. The General Manager introduced new Board Members, Tyler Savage and Courtney Welch, representing Alameda and Emeryville, respectively. The new Trustees then introduced themselves.
5. Approval of the minutes of the 1097th meeting held December 8th, 2021. The General Manager noted a typo on the agenda regarding the incorrect month listed for the minutes.
Motion: Trustee Washburn moved to approve the minutes with correction.
Second: Trustee Jordan

Vote: motion carries: unanimous.

6. Resolution 1098-1 Authorizing Remote Teleconference Meetings of the Legislative Bodies of the Alameda County Mosquito Abatement District Pursuant to Brown Act Provisions.

Discussion:

President Beatty gave a background of the Resolution for the new Trustees.

Motion: Trustee Aguilar moved to approve Resolution 1098-1.

Second: Trustee Hentschke

Vote: motion carries: unanimous.

7. Election of Board Officers. Gavel transfer from President Beatty to the newly elected President.

Discussion:

The General Manager gave a background of the election process for new Trustees and reminded the Board of the current slate. The “virtual” gavel was “handed” over to incoming President Bhat. The General Manager thanked the outgoing President for his service and expressed it was an honor to work with him. The Board thanked President Beatty, as well.

Motion: Trustee Hentschke moved to elect Trustees Bhat, Aguilar and Roache as 2022 Board President, Vice-President and Secretary, respectively.

Second: Trustee Washburn

Vote: motion carries: unanimous.

8. Review of 2022 Board Meeting dates.

Discussion:

The General Manager presented the 2022 Board Meeting dates and recommended the Board cancel the February meeting, due to scheduling conflict with the MVCAC. President Bhat announced he was attending the conference along with most of ACMAD staff. Trustee Washburn exclaimed he would be attending the AMCA and the MVCAC. Trustee Hentschke asked since this resolution is only for 30 days, how can the Board meet remotely in March (a new resolution must be passed at the March meeting).

Motion: Trustee Jordan moved to approve the 2022 Board Meeting calendar, with the exception that the February meeting would be cancelled

Second: Trustee Marquez

Vote: motion carries: unanimous.

9. Review Finance Committee membership and appointing a Chair.

Discussion:

The General Manager gave a background of the Finance Committee membership and duties. President Bhat explained his experience serving for the Committee. Trustee Beatty encouraged new Board members to join the Finance Committee and President Bhat agreed. The General Manager explained the time commitment implications of the Committee.

Trustees Savage and Welch expressed their interest in joining. Trustee Jordan asked who chooses the Chair. Several members, including Washburn and Bhat, nominated Trustee Jordan. Trustee Jordan explained that he will be Mayor and because of the Mayor’s Conference occurring on the same day as the regular ACMAD meeting, there may be a future conflict if meetings return to in-person. Trustee Washburn and President Bhat expressed their appreciation of Trustee Jordan and encouraged him to continue serving, if possible. Trustee Jordan accepted the nomination for Chair, with the understanding that he will have to step down if meetings return to in-person.

Motion: Trustee Beatty moved to approve Trustee Jordan as Chair

Second: President Bhat

Vote: motion carries: unanimous.

10. Review of a quote and awarding of contract for the purchase of a 2022 Argo Frontier Amphibious All-Terrain Vehicle.

Discussion:

The General Manager explained that although it was not planned in this year's budget, the District must replace a damaged Argo using the Repair and Replace fund. Trustee Jordan asked why the list price is higher than the quoted price (will check with the mechanic on specifics but the higher price is likely caused by additional requirements over the base model) Trustee Jordan clarified that he was merely curious about the pricing. Vector Biologist Jeremy Sette explained additional uses of the argo by Operations staff and emphasized its importance in mosquito control and habitat access. Trustee Jordan shared the following link to the group chat at 5:28 P.M. <https://argoxtv.com/vehicles/frontier-700-8x8>. Trustee Cox asked why the District chooses an Argo over other ATVs (it is the preferred option).

Motion: Trustee Jordan moved to approve the contract for the purchase of a 2022 Argo Frontier Amphibious All-Terrain Vehicle

Second: Trustee Beatty

Vote: motion carries: unanimous.

11. Presentation on universal anti-mosquito saliva vaccine by Laboratory Director Dr. Eric Haas-Stapleton.

Discussion:

The General Manager introduced Laboratory Director Dr. Eric Haas-Stapleton who gave a presentation on universal anti-mosquito saliva vaccine and fielded the following discussion. Trustee Beatty provided supplemental information to the slide deck. President Bhat asked if there were any other current related studies and explained drug trials (no other current related studies). Trustee Beatty clarified that vaccine trials would be a different process than pharmaceuticals. Trustee Jordan asked for clarification regarding immune response (explained that a mosquito bite response would generally be localized). Trustee Beatty gave further explanation of the theoretical immune response. Trustee Hentschke added to the group chat at 5:56: "Most mosquito bites are harmless. But some mosquitoes carry pathogens, like bacteria and viruses, that can be deadly. Mosquito-related illnesses kill hundreds of thousands of people worldwide each year. When a mosquito bites you, compounds in its saliva interact with your body's initial immune response to help pathogens evade your body's disease defenses. Studies have shown that animals that have antibodies to mosquito saliva proteins have some protection against mosquito-borne diseases. Although there are vaccines being studied for individual mosquito-borne diseases-like malaria, West Nile virus, and dengue fever- a vaccine against mosquito saliva could provide broader protection against many diseases. From a NIH article." Trustee Jordan, Beatty and Haas-Stapleton discussed further details regarding immune responses. Trustee Jordan asked if the goal of the study was to help develop one vaccine that could help stop all mosquito-borne human infections (yes). Trustee Hentschke explained his group chat addition and referred the Board to it. President Bhat brought up malaria as being responsible for many human deaths each year and thanked Haas-Stapleton for his presentation. Haas-Stapleton thanked the Board for their attention, shared his contact information, and encouraged the Board to reach out to him with any questions.

12. ACMAD awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association.

Discussion:

The General Manager gave a background of the Certificate and gave credit to Accounting Associate Michelle Robles for her hard work. Trustee Jordan asked for clarification on the check register payment to Robles (the General Manager answered that the payment was for tuition reimbursement).

13. Financial Reports as of December 31st, 2021.

Discussion:

The General Manager presented the Financial Reports as of December 31st, 2021 and explained the check signing process for new Trustees.

14. Presentation of the Monthly Staff Report.

Discussion:

Trustee Beatty added in the group chat at 6:13 PM "Go Jeremy!!!" as Vector Biologist Jeremy Sette welcomed the new Trustees, introduced himself, and gave the Operations Report. Laboratory Director Eric Haas-Stapleton gave the Lab Report. The General Manager gave the rest of the Staff Report. Trustee Jordan asked about the mosquitofish article that would be addressed in item 15.

15. Presentation of the Manager's Report.

Discussion:

The General Manager presented the Manager's Report and fielded the following discussion. The General Manager congratulated Trustees Testa, Hentschke and Bhat on their Board anniversaries. Haas-Stapleton noted that he would be giving a talk at MVCAC on UAS use for mosquito control. President Bhat noted that mosquitofish were mentioned in the *New York Times*. Trustee Jordan asked, based on his knowledge of Tri-Valley mosquitofish population in canals, if mosquitofish were endemic to other natural sources in the county (they could be reasonably found in most natural sources and man-made canals due to a variety of factors). Trustee Cox asked if there could be a possibility in an increase of regulation regarding mosquitofish (The General Manager asked if Secretary Roache had any input regarding the question. Secretary Roache noted that Fish and Game may be the agency regulating. Trustee Washburn noted state and federal law regarding mosquitofish regulation). Trustee Jordan added to the group chat "Thank you all. I need to drop for the next meeting. Not a good look after I took up so much time asking questions. I apologize", and left the meeting at 6:40. Secretary Roache asked if the required training was annual or biannual (biannual). Trustee Marquez noted that she completed all of the required training and appreciated the online training option.

16. Board President Beatty asked for reports on conferences and seminars attended by Trustees. None.

17. Board President Beatty asked for announcements from the Board. None.

18. Board President Beatty asked trustees for items to be added to the agenda for the next Board meeting. None.

19. The meeting adjourned at 6:44 P.M.

Respectfully submitted,

Approved as written and/or corrected
at the 1099th meeting of the Board of
Trustees held March 9th, 2022

Subru Bhat

Subru Bhat, President
BOARD OF TRUSTEES

DocuSigned by:

Cathy Roache

Cathy Roache, Secretary
BOARD OF TRUSTEES