

## MINUTES

### 1090<sup>th</sup> MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

May 12<sup>th</sup>, 2021

---

TIME: 5:00 P.M.  
PLACE: *Zoom Teleconference Only*  
TRUSTEES: P. Robert Beatty, President, City of Berkeley  
Betsy Cooley, Vice-President, City of Emeryville  
Subru Bhat, Secretary, City of Union City  
Cathy Roache, County-at-Large  
Wendi Poulson, City of Alameda  
Preston Jordan, City of Albany  
Shawn Kumagai, City of Dublin  
George Young, City of Fremont  
Elisa Marquez, 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  
Victor Aguilar, City of San Leandro

1. Board President Beatty called the regularly scheduled board meeting to order at 5:01 P.M.
2. Trustees Beatty, Cooley, Poulson, Jordan, Young, Marquez, Cox, Hentschke, Washburn, Mingst, and Aguilar were present on the Zoom conference. Trustees Roache and Testa arrived at 5:03 P.M. Trustee Poulson arrived at 5:08 P.M. and Secretary Bhat arrived at 5:15 P.M.
3. Board President Beatty invited members of the public to speak on any issue relevant to the District. Melanie Guillory-Lee from SCI Consulting Group was present to present the preliminary Engineers Report for fiscal year 2021-22. Regulatory and Public Affairs Director Erika Castillo was present to review bids for the Biological Assessment. Laboratory Director Eric Haas-Stapleton was present to report on Sterile Insect Techniques (SIT). 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 1089<sup>th</sup> meeting held April 14<sup>th</sup>, 2021.  
**Motion:** Trustee Jordan moved to approve the minutes  
**Second:** Trustee Washburn  
**Vote:** motion carries: unanimous.
5. Presentation and approval of the final budget for fiscal year 2021-22.  
**Discussion:**

The General Manager presented the final budget for fiscal year 2021-22 with a few updates and changes from the prior version and fielded the following discussion. Vice-President Cooley asked for an update on the balance sheet question from the prior Board meeting (will have that update in the next day) and asked for clarification on the salary page of the budget (the wage excludes benefits which is found on the following page, the job titles are abbreviated, and salaries may be split into multiple rows if salary step increases occur in the upcoming year). Robert Ferdan added in the group chat that "Trustee Poulson can call my cell phone for help connecting to the meeting" at 5:08 P.M. and President Beatty added in the group chat: "Robert- Wendi is on now" at 5:14 P.M.

**Motion:** Vice-President Cooley moved to approve the budget for fiscal year 2021-22.

**Second:** Trustee Marquez

**Vote:** motion carries: unanimous

6. Presentation of the preliminary Engineers Report for fiscal year 2021-2022 by Melanie Guillory-Lee from SCI Consulting Group.

**Discussion:**

The General Manager introduced Melanie Guillory-Lee from SCI Consulting Group. Ms. Guillory-Lee presented the preliminary Engineers Report for fiscal year 2021-2022 and fielded the following discussion. Trustee Jordan asked for the page that had the original calculation for the benefit assessment (page 43) and asked for clarification on Albany being included in benefit assessment (it will be included for the first time in 2021-22). Trustee Jordan further asked for clarification on the process to include Albany in the benefit assessment (the General Manager explained the LAFCo annexation process that occurred from 2019-20). Trustee Cox asked if the single-family equivalent number is going up (the number will increase with additional housing construction but could decrease after a natural disaster). President Beatty asked about the \$6.69 amount (explained that \$5.00 was initially approved in 2008 and that increased to \$6.69 from compounding CPI since, but the District only collects \$2.50). President Beatty asked if there was a motion this meeting regarding the approval of the engineer's report (yes, Resolution 1090-1, item 7). The General Manager noted a typo in the Resolution that will be corrected in the signed copy. Secretary Bhat added a group chat comment: "Sorry that I was a few minutes late but logged in now" at 5:22 P.M.

7. Resolution 1090-1 intending to continue assessments for fiscal year 2021-22, preliminarily approving the engineer's report, and providing for notice of hearing.

**Motion:** Trustee Aguilar moved to preliminarily approve Resolution 1091-1 intending to continue assessments for fiscal year 2021-22, preliminarily approving the engineer's report, and providing for notice of hearing.

**Second:** Trustee Roache

**Vote:** motion carries: unanimous.

8. Review of bid and awarding of contract for the Biological Assessment.

**Discussion:**

The General Manager introduced Regulatory and Public Affairs Director Erika Castillo who reviewed the bid for the Biological Assessment and suggested awarding the contract to Environmental Science Associates (ESA) while fielding the following discussion. President Beatty and Trustee Washburn both commented on how inexpensive the bid was. Trustee Washburn also asked if Ms. Castillo could explain the endangered species that could potentially be impacted by the work ACMAD does (explained, also found in the report). Trustee Jordan thanked Ms. Castillo for her work and asked for clarification on the map pertaining to Tidal Wetland Projects (those are the consultant's completed projects) and

asked if the consultant will make site visits to all of the sites (they are not required to make site visits for this assessment). President Beatty asked which other Districts were included (Marin-Sonoma, Solano, San Mateo, and Napa)

**Motion:** Trustee Aguilar moved to approve the contract to Environmental Science Associates (ESA) for the Biological Assessment.

**Second:** Trustee Kumagai

**Vote:** motion carries: unanimous.

9. Presentation on Sterile Insect Techniques (SITs) by Lab Director, Eric Haas-Stapleton, PhD.

**Discussion:**

The General Manager introduced Laboratory Director Eric Haas-Stapleton and gave a brief background of the subject of the presentation. Dr. Haas-Stapleton presented on Sterile Insect Techniques (SITs) and fielded the following discussion. President Beatty asked if there was an economy of scale for the *Wolbachia* technology per house (yes) and asked if the *Wolbachia* mosquito sex-separating machine was available for purchase (no, residents would be paying for the complete service). Trustee Hentschke asked if female mosquitoes mate with multiple males (yes). Trustee Washburn added that male mosquitoes can move previous sperm out of female mosquitoes. Trustee Jordan asked if the sterile female mosquitoes could still bite (yes, but there would be no subsequent generation if sterile and they would be weakened by the irradiation) and asked how the sterility would be observed (a fluorescent marker for GMO mosquitoes). Trustee Washburn added that males emerge before females. Trustee Testa asked why male mosquitoes were the focus for sterility efforts (males do not bite so are less of a nuisance when added to the environment). Trustee Washburn added that females bite to get protein to produce eggs. Trustee Testa asked about the possibility of adding predators of adult mosquitoes to the environment (predator release for controlling adult mosquitoes is not effective). Trustee Washburn added that there are limited to no predators of invasive mosquitoes in the environment. Secretary Bhat asked about the cost-effectiveness of SIT (explained differences in initial pricing but most technologies are still in the experimental stage with no specific costs available). Trustee Jordan asked which technologies have been approved outside of California (Trustee Washburn related his knowledge of trials in Brazil and President Beatty commented on use of *Wolbachia* in Australia). Regulatory and Public Affairs Director Castillo noted that *Wolbachia* use has been approved nationwide for *Aedes albopictus*. Trustee Washburn noted the effectiveness of *Wolbachia* as well as the public apprehension to GMO technologies. President Beatty asked if other districts were using SIT (there are districts in California interested in the technologies, but none currently using them). The General Manager commented on the memo he had sent out to the Board regarding SITs and mentioned that staff may ask the Board for approval, in the form of a resolution, of exploring the technology further. Trustee Jordan asked if there were any off-target species effected by *Wolbachia* (Trustee Washburn explained how common *Wolbachia* is in the insect world). The Board thanked Dr. Haas-Stapleton for his presentation.

10. Financial Reports as of April 30<sup>th</sup>, 2021.

**Discussion:**

The General Manager presented the Financial Reports as of April 30<sup>th</sup>, 2021 and thanked those Trustees for signing checks.

11. Presentation of the Monthly Staff Report.

**Discussion:**

The General Manager presented the Monthly Staff Report for Operations. Lab Director Haas-Stapleton gave the Lab Report. President Beatty asked for clarification on monthly

EVS trap numbers (Haas-Stapleton clarified that the numbers represented one night of trapping and he will address the specific trap nights in subsequent reports). Regulatory and Public Affairs Director Erika Castillo gave the PR report and noted a typo on the “Channels Used for Service Requests” pie chart.

12. Presentation of the Manager’s Report.

**Discussion:**

The General Manager presented the Manager’s Report and fielded the following discussion. The General Manager congratulated Trustee Mingst and Vector Biologist Jeremy Sette for their one- and six-year anniversary of service to the District, respectively and updated the Board the Georgean Vonheeder-Leopold was selected as the Alternate LAFCo Commissioner. President Beatty asked for clarification on upcoming in-person Board meeting logistics mentioned by the General Manager (details will be addressed closer to the next Board meeting). President Beatty asked if the recent break-in included the building (no, just the yard of some batteries and old tools). Trustee Aguilar commented in the group chat: “Shawn lost power” at 6:46 P.M.

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

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

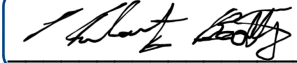
15. Board President Beatty asked trustees for items to be added to the agenda for the next Board meeting. The General Manager asked if the Finance Committee would like a market report from PFM related to our OPEB now, or after the next quarter around September. Vice-President Cooley remarked if anyone was interested to contact the General Manager. Secretary Bhat noted that he is fine to wait until September for the presentation.

16. The meeting adjourned at 6:50 P.M.

**Respectfully submitted,**


Approved as written and/or corrected  
at the 1091<sup>st</sup> meeting of the Board of  
Trustees held June 9<sup>th</sup>, 2021.

DocuSigned by:



3661G8696B2E4B7  
P. Robert Beatty, President  
BOARD OF TRUSTEES

DocuSigned by:



BF62AB863DC49F  
Subru Bhat, Secretary  
BOARD OF TRUSTEES