

Agenda item: 1048.4

MINUTES

1047th MEETING OF THE BOARD OF TRUSTEES
OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

AUGUST 9TH, 2017

TIME: 5:00 P.M.
PLACE: Office of the District, 23187 Connecticut Street, Hayward
TRUSTEES: Kathy Narum, President, City of Pleasanton
Elisa Marquez, Vice-President, City of Hayward
Wendi Poulson, Secretary, City of Alameda
Humberto Izquierdo, County-at-Large
P. Robert Beatty, City of Berkeley
Richard Guarienti, City of Dublin
Betsy Cooley, City of Emeryville
George Young, City of Fremont
James N. Doggett, City of Livermore
Eric Hentschke, City of Newark
Jan O. Washburn, City of Oakland
Robert Dickinson, City of Piedmont
Ed Hernandez, City of San Leandro
Ronald Quinn, City of Union City

Board President Narum called the regularly scheduled Board meeting to order at 5:00 P.M.

Trustees Narum, Marquez, Poulson, Beatty, Cooley, Young, Doggett, Hentschke, Washburn, Dickinson, and Hernandez were present; Trustee Guarienti was absent. Trustee Quinn arrived at 5:03 P.M., Trustee Izquierdo arrived at 5:05 P.M.

Board President Narum invited members of the public to speak on any issue relevant to the District. ACMAD Lab Director, Dr. Eric Haas-Stapleton and Bill Reynolds, from Leading Edge Associates, Inc., were present.

The Board approved the minutes of the 1046th meeting held July 12th, 2017. (Marquez, Hentschke)– unanimous.

After answering a clarification question from Trustee Dickinson regarding the salary structure: (employees are hired at a certain step, up to five, according to their experience and education), the Board approved increasing the base salary of the Lab Director position by 5% (Quinn, Cooley) – unanimous, Trustee Washburn –abstained.

Trustee Dickinson asked what the budgeted amount for the new database was (\$218,000) and to monitor the implementation costs for continued increases. Trustee Hernandez asked if there is a contingency budget (yes, but for the general budget not for this purchase), and if there is a maintenance budget (yes). After further explanation detailing the out-of-scope work by Trustee Washburn and Bill Reynolds, the board approved the one-time payment of \$15,600 to Leading Edge Associates, Inc. (Dickinson, Beatty) – unanimous

The Board approved resolution 1047-1 honoring Trustee Washburn for his service as Temporary District Manager (Dickinson, Beatty)– unanimous.

The Lab Director gave a presentation on the laboratory components of the MapVision software and fielded questions from Trustees. Trustee Hernandez asked if there are plans to promote this product to the public (yes, at public events and association conferences), and if the mosquito abundance data will be viewable on the District's website (no current plans, but this possibility will be explored). Trustee Narum commented on the benefit of the additional data collection and asked if and why any traps are collected without mosquitoes (trap locations are evaluated by their effectiveness and importance; less productive traps may be relocated annually). Trustee Washburn asked what happens with positive pools of mosquitoes (it directs the operational staff where and when to treat mosquitoes preventing disease transmission to humans). Trustee Marquez asked if there are connectivity issues in the field (a mobile app was built specifically to alleviate this issue; data is cached until a signal can be found), and requested to place links to the official city websites on the District website. Trustee Dickinson requested more information on mosquito pooling and how the District determines trap location (location is determined by historical data of high mosquito populations and areas of high population density and travel), will this product lead to further scientific innovations such as heat mapping bots or machine learning (the data will be shared with academic and governmental partners). Trustee Beatty asked how many mosquitoes are in each testing pool (no more than 50 is recommended for efficacy), what is the rationale for pooling quadrants (operational strategies for treating catch basins), and what three arboviruses are being tested (West Nile virus, Western Equine encephalitis, and St. Louis encephalitis).

The finance committee reported on their meeting regarding reserve funds and unfunded pension liabilities. Trustee Marquez inquired on the date of the next finance committee meeting (between September 5th and the 13th). Trustee Dickinson offered that the discussed reserve funds are not being spent, rather transferred from one District account to another. Trustee Hernandez asked who CAMP is (a joint powers authority that provides investment services for governments)

The Board reviewed warrants dated July 15, 2017 numbering 000118 through 003118 amounting to \$492,263.97 and warrants dated July 31, 2017 numbering 003218 through 006718 amounting to \$189,918.14. Trustee Doggett asked what the \$1 warrant is (Trustee Washburn answered that this is an access fee charged by the Port of Oakland).

The Board reviewed the budget summary and IRC report received as of July, 31th, 2016. Trustee Hernandez asked if the reserve withdraw will come from the County fund (yes, Alameda County holds our general funds). Trustee Dickinson requested more information on the over \$60,000 accrual noted in the report (to be provided by the District Manager).

The District Manager and Lab Director presented the Staff report for July 2017. Trustee Beatty asked who tests the dead birds (the District's laboratory), were the species listed in the bloodmeal analysis the only species found (yes), why is Berkeley not listed in the mosquito abundance map (low numbers of mosquitoes), and commented that accurate bloodmeal analysis requires a large quantity of blood in mosquitoes. Trustee Dickinson asked if it is typical to find only West Nile positive birds but no mosquitoes (yes) and what software is used in these maps (ArcGIS and Tableau). Trustee Cooley suggested that mosquito abundance per capita/ per square mile may be a useful map. Trustee Washburn asked what is shaping the mosquito testing polygon sizes (number of mosquitoes and species diversity, not political boundaries).

The District Manager presented the Manager's report for July 2016. Trustee Young commented on the movie theater ad he witnessed in Fremont. Trustee Hernandez offered a useful mobile app for drone-use he encountered as a councilmember to the City of San Leandro. Trustee Dickinson urged a cautious approach to mosquito surveillance and treatment by an unmanned aircraft. Trustee Beatty offered that some emerging mosquito control techniques, such as sterile male releases & *Wohlbachia*, have been around for years but the CRISPR technology is new. Trustee Washburn suggested adding a summary of these novel mosquito control methods on the District's website.

Board President Narum asked for reports on conferences and seminars attended by Trustees, there were none.

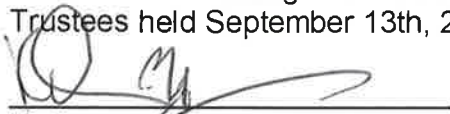
Board President Narum asked for announcement from the Board, there were none.

Board President Narum asked trustees for items to be added to the agenda for the next Board meeting, there were none.

The meeting adjourned at 6:18 P.M.

Respectfully submitted,

Approved as written and/or corrected
at the 1048th meeting of the Board of
Trustees held September 13th, 2017


Kathy Narum, President
BOARD OF TRUSTEES



Wendi Poulson, Secretary
BOARD OF TRUSTEES

