

MINUTES

1048th MEETING OF THE BOARD OF TRUSTEES
OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

SEPTMEMER 13TH, 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 5:01 P.M.

Trustees Narum, Marquez, Poulson, Izquierdo, Beatty, Guarienti, Cooley, Young, Doggett, Hentschke, Washburn, Dickinson, and Hernandez were present; Trustee Quinn was absent.

Board President Narum invited members of the public to speak on any issue relevant to the District. Staff members Biological Specialist Dereje Alemayehu and Vector Biologist John Busam were here to present, Mosquito Control Technician Jeremy Sette was present to record the minutes.

The Board approved the minutes of the 1047th meeting held August 9th, 2017. (Washburn, Hentschke)– unanimous.

Dereje Alemayehu and John Busam presented their current ACMAD laboratory research partnerships with the Madera County Mosquito and Vector Control District and fielded the following questions. Board President Narum asked why the research experiment was conducted in Madera (this is the nearest location to study *Aedes Aegypti*). Trustee Beatty asked if the traps used in the research were generic CDC recommended traps or specific *Aedes aegypti* traps (they used whatever combination worked best for their purpose in research), also, were the trap lures used in addition to CO₂ and heat (yes). Trustee Dickinson commented that without the additional lure, the traps did not catch many mosquitoes and asked if you can test lures outside the traps (no, the lures are formulated to work in conjunction with the traps). Trustee Beatty asked if the trap was effective without

the lure (it is much less effective with capturing *Aedes aegypti* without using an additional lure). Board President Narum asked if it was more desirable to trap female adult mosquitoes than males (yes). Trustee Washburn commented that male mosquitoes may be drawn to the host to mate with female mosquitoes. Trustee Beatty asked if the trap caught mosquitoes without the lure and what were the results of capturing non-*Aedes* mosquitoes (the trap did not collect many non-*Aedes* mosquitoes as the purpose and function of the trap in their project was to collect primarily *Aedes* mosquitoes). Trustee Washburn commented that the district uses several other traps to capture non-*Aedes* mosquitoes, some which are captured by CO₂-baited traps; the mosquito magnet traps also work well with capturing other *Aedes* species, especially *Aedes sierriensis*. Trustee Beatty asked which other traps does Madera use (CO₂). Trustee Dickinson asked what other districts use this trap and if this study has been done before (answered by Trustee Washburn: most districts do not implement the use of the trap as they may prefer chemical control; no other studies exists of this nature). Trustee Dickinson asked if the purpose of the trap was to reduce the amount of spraying (Trustee Washburn spraying should be avoided if possible as there could be resistance developing towards the chemicals). John Busam further commented that the lured trap is the best method with which to collect adult mosquitoes and complements other tactics of the control program, such as intensive inspections, larviciding, etc. Trustee Dickinson asked will this trap capture enough to improve public health (yes, but more study is needed), and will it postpone establishment of this species (possibly). Board President Narum commented that this is essentially another tool (yes). Trustee Washburn commented that the purpose of this study is to find alternatives to the currently available (and expensive) control options. Trustee Izquierdo asked how did *Aedes aegypti* move across the United States (Trustee Washburn replied that the eggs of *Aedes aegypti* are very durable, tough and desiccated resistant which allow for transportation). Trustee Washburn commented that he was very impressed with the high numbers captured by Dereje and John with their traps. Trustee Dickinson asked if they should use other traps in conjunction in Madera (yes, to be considered in future studies).

The Board reviewed warrants dated August 15, 2017 numbering 006818 through 009218 amounting to \$179,951.38 and warrants dated August 31, 2017 numbering 009318 through 013018 amounting to \$1,513,688.03. Trustee Hernandez asked why several budget categories are nearly expended, such as Insurance and Retirement, and if the retirement budget expenditures include unfunded liability payments (these are bulk payments that include mandated payments); what is included in the capital purchases (two new district vehicles).

Board President Narum reported on behalf of the Finance Committee. Trustee Marquez asked how often this committee meets (lately the committee meets once a month until reserve and pension decisions are finalized).

The District Manager presented the Staff report for August 2017. Trustee Washburn commented that he is pleased with the operation data presented via Microsoft BI. Board President Narum clarified that in all of Alameda County, there was only one dead bird found with West Nile virus (yes, in Oakland). Trustee Washburn added that the district has had zero confirmed human WNV cases to date. Trustee Beatty commented that Zika numbers are down in many areas throughout the Americas. Trustee Washburn commented that the trend can be applicable to Chikungunya virus as well.

The District Manager presented the Manager's report for August 2017. Trustee Beatty would like to be added to the CSDA mailing list, along with other Trustees. Trustee Hernandez mentioned his accidental removal from the Finance Committee and requested to be copied on future legislative support or oppose letters. Trustee Dickinson requested a

formal review of the Little Hoover Commission report in a future board meeting that could be accompanied by a press release. This was agreed by Board President Narum. Trustee Washburn provided additional background on current lab collaborations.

Board President Narum asked for announcement from the Board. Trustee Hernandez commented that there is an East Bay organization that provides resources for funding solar power.

(PACE) (R.v)

Board President Narum asked trustees for items to be added to the agenda for the next Board meeting and then added her own items: the finance committee recommendations on reserve funds and a report from the personnel committee regarding updates to the district manager's job description and evaluation process.

The meeting adjourned at 6:11 P.M.

Respectfully submitted,

Approved as written and/or corrected
at the 1049th meeting of the Board of
Trustees held October 11th, 2017



Kathy Narum, President
BOARD OF TRUSTEES



Wendi Poulson, Secretary
BOARD OF TRUSTEES