

**MINUTES OF THE 745th BOARD MEETING
BOARD OF TRUSTEES
NORTHWEST MOSQUITO AND VECTOR CONTROL DISTRICT**

TIME: 3:00pm, Thursday, August 19, 2021

PLACE: Northwest Mosquito and Vector Control District
1966 Compton Avenue
Corona, CA 92881

Zoom Teleconference: Meeting ID: 389 155 8737

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| TRUSTEES PRESENT: | Gary Bradley, Ph.D. | Riverside | President |
| | George Read | County of Riverside | Vice President |
| | Brian Tisdale | Lake Elsinore | Secretary |
| | Karen Alexander | Corona | Trustee |
| | Ted Hoffman | Norco | Trustee |
| | Clint Lorimore | Eastvale | Trustee |
| | Dale Welty | Canyon Lake | Trustee |

TRUSTEES ABSENT: Leslie Altamirano Jurupa Valley Trustee

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|-----------------------|--------------------------|------------------------------------|
| STAFF PRESENT: | Mark Breidenbaugh, Ph.D. | District Manager |
| | Angela Caranci, Ph.D. | Assistant Manager/Vector Ecologist |
| | Nikia Smith | Field Supervisor |
| | Eric Ballejos | Public Information & Tech. Officer |
| | Marian Shannon | Executive Secretary |

OTHERS PRESENT: None

I. CALL TO ORDER:

President Bradley called the meeting to order at 3:00pm.

II. PLEDGE OF ALLEGIANCE:

The pledge of allegiance was led by Trustee Alexander.

III. ROLL CALL AND INTRODUCTIONS:

At the time of the roll call Trustees Alexander, Bradley, Hoffman, Read and Tisdale, and all District staff were present in the board room. Trustee's Lorimore and Welty were present via Zoom Teleconference. Trustee Altamirano was unable to attend.

IV. PUBLIC COMMENTS OR QUESTIONS:

None.

V. CONSENT CALENDAR:

Prior to approval of the consent calendar, Trustee Read pointed out an error in Item, V.A. The minutes of the July 15, 2021, meeting, Action Item D. should be corrected to note a second of the motion by Trustee Altamirano.

Trustee Alexander also noted the colors depicting the Zones are not the same throughout the Operations reports and charts and commented it would be easier if the colors were the same throughout.

Motion by Tisdale to approve the consent calendar with the correction to the July 15, 2021, minutes as noted above; seconded by Hoffman. Passed unanimously by roll call vote as follows; yes, by Alexander, Bradley, Hoffman, Lorimore, Read, Tisdale and Welty.

VI. PRESENTATION:

None.

VII. ITEMS FOR ACTION:

A. Recommendation to receive and file June 2021 quarterly reports on investments.

District Manager stated the June 2021 quarterly reports are attached as Exhibit "A" and recommended that the Board receive and file the quarterly reports from Great West/Empower, Nationwide Retirement Solutions and VCJPA District Member Contingency Fund for the quarter ending June 30, 2021.

Motion by Alexander to receive and file the quarterly reports from Great West/Empower, Nationwide Retirement Solutions and VCJPA District

Member Contingency Fund for the quarter ending June 30, 2021; seconded by Read. Passed unanimously by roll call vote as follows; yes, by Alexander, Bradley, Hoffman, Lorimore, Read, Tisdale and Welty.

B. Recommendation to receive and file Fixed Assets and General Inventory for Fiscal Year 2020-2021.

Board members were provided a list of fixed assets and general inventory added and sold, items requested to delete, and missing items for Fiscal Year 2020-2021. Upon review, Trustee Alexander asked which staff members are trained to use the AED device purchased during the fiscal year. Assistant Manager stated all personnel are provided training biennially.

After review, motion by Alexander to receive and file the fixed assets and general inventory for Fiscal Year 2020-2021; seconded by Tisdale. Passed unanimously by roll call vote as follows; yes, by Alexander, Bradley, Hoffman, Lorimore, Read, Tisdale and Welty.

C. Recommendation to approve proposal by Total Compensation Systems, Inc (TCS) for Governmental Accounting Standards Board (GASB) 74/75 Actuarial Valuation.

District Manager stated the proposal by Total Compensation Systems, Inc. to prepare the GASB 74/75 Actuarial Valuation report is attached for Board's review. He further stated the valuation report is required every two years, with a roll forward option in alternating years. The discounted fee for Total Compensation Systems, Inc. (TCS) to prepare the full valuation report with a measurement date of June 30, 2021, is \$2,970.00 and the roll forward valuation report with a measurement date of June 30, 2022, is \$1,485.00. If TCS is required to attend any meetings in person, there will be charges in addition to the above amounts.

Motion by Read to approve the proposal by Total Compensation Systems, Inc. (TCS) to provide GASB 74/75 Actuarial Valuation services, and to authorize District Manager to execute the contract; seconded by Alexander. Passed unanimously by roll call vote as follows; yes, by Alexander, Bradley, Hoffman, Lorimore, Read, Tisdale and Welty.

VIII. REPORTS:

A. Trustees:

None.

B. District Manager:

1. Sterile Insect Technique (SIT) Update. District Manager provided an update to the Board regarding the SIT. He informed Board members that while there are various mosquito and vector control issues in our District, the *Aedes aegypti* mosquito continues to be a primary concern for nearly everyone in Southern California. He stated this species can develop in many habitats and the behavior of the mosquito limits the types of pesticide applications and their efficacy in controlling *Ae. aegypti*. He stated there are three forms of SIT, which are non-pesticide options being considered by Southern California Districts, all which use releases of male mosquitoes (which do not bite). Mosquitoes with Wolbachia have been released in Puerto Rico with variable success as part of an experimental use permit (EUP). He also informed the Board that a Florida Mosquito Control District has released genetically modified mosquitoes with some success. The third method is to irradiate male mosquitoes and then release them. In all these scenarios, the males mate with wild females and interrupt the breeding cycle. Southern California Mosquito and Vector Control Managers are meeting quarterly and discussions regarding mosquito control strategies are ongoing. At this time District Manager is not prepared to make a recommendation to the Board but wants to keep Board members updated and informed. Trustee Alexander stated a survey of genetic versus pesticide control methods may help to determine the most effective means of control.

District Manager also informed the Board that he and Public Information and Technology Officer attended a tour and presentation at the medfly facility in Orange County, which has used the irradiated male release technique since 1996 to prevent medfly establishment in California. Managers and staff from other Southern California vector agencies also attended. The medfly program receives male medflies from Hawaii and Guatemala. The sterilization process is very labor intensive, and the sterile medflies are released at a rate of 100 to 1. It is possible that the mosquito ratio may be as high as 400 sterile males to each wild female for successful *Ae. aegypti* control.

C. Staff:

1. Mr. Eric Ballejos provided an update to the Board regarding the impact of sharing social media posts. He asked Board members to share mosquito awareness prevention posts to reach more District residents and showed a recent example of a post which was shared versus one that was not. The post which was shared reached 1769% more people than the post which was not. Mr. Ballejos stated it is also very effective when posts are shared during an event, such as sharing “dump the water” campaign right after rain has occurred.

IX. INFORMATIONAL:

None.

X. OTHER BUSINESS:

A. Request for future Agenda items: None.

XI. ADJOURNMENT:

Meeting adjourned at 3:59pm.

Next regular meeting: 3:00pm, Thursday, September 16, 2021, at 1966 Compton Avenue, Corona, CA 92881.

I certify that the above minutes substantially reflect the action taken by the Board of Trustees at its meeting held on August 19, 2021.



Mark Breidenbaugh, Ph.D., District Manager

Approved as written and/or corrected by the Board of Trustees at its meeting held on September 16, 2021.

ATTEST:



Gary Bradley, Ph.D., President



Brian Tisdale, Secretary