

***Regular Minutes of the Board of Trustees of the Butte County Mosquito and Vector Control District Meeting held September 14, 2016***

**Members Present:** Secretary A. Thomas Anderson, Gordon Andoe, President Dr. Albert Beck, Jack Bequette, Dr. Suzanne Hanson, Bruce Johnson, Vice President Dr. Larry Kirk, Terry Mallan, Assistant Secretary Bo Sheppard, Carl Starkey, and Dr. Tom Vickery.

**Members Excused:** None.

**Members Absent:** None.

**Also Present:** District Manager Matt Ball, Assistant Manager Doug Weseman, Office Manager Darlene Starkey, Vector Ecologist/Fish Biologist Chris Ocegueda, Mosquito and Vector Control Specialist Beth Vice, Bill Reynolds of Leading Edge and Associates, and Butte County resident John Fox.

1. The Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District held on September 14, 2016, at 444 Otterson Drive, Chico, CA 95928.
2. The September 14, 2016, Butte County Mosquito and Vector Control District regular meeting of the Board of Trustees was called to order at 6:28 PM by President Beck.
3. Seeing and hearing no persons wishing to address the Board on items not on the agenda, President Beck proceeded to request approval of the minutes.
4. After review it was then moved by Member Bequette, seconded by Member Johnson, and passed unanimously to approve the minutes of the Board of Trustees meeting held August 10, 2016, as written with President Beck and Member Vickery abstaining due to their excused absences.
5. No closed session matters.
6. Reports (6.1 – 6.2)
- 6.1 Under item 6.1 of reports, District Manager's Report, the District Manager reported that on August 11, 2016, the District completed the monthly staff meeting and all vehicle inspections. Also on this date, the District Manager and Assistant Manager met with Dennis Candito of Adapco to discuss prices, product availability, and project product use.

On August 16, 2016, the District Manager attended a webinar on Oxitech mosquitoes put on by the AMCA. Oxitech mosquitoes are genetically modified and are being used in areas with *Aedes aegypti* populations and Zika virus. Also on this date, the District Manager attended CDPH's Vector-Borne Disease monthly conference call. Items discussed included WNV activity, Zika activity, and invasive *Aedes* information.

On August 18, 2016, the District Manager participated in a live news interview with KPAY 1290. The District was on air for over 13 minutes. WNV prevention was the focal point of the interview. Also on this date, the District Manager gave a presentation to the Oroville Fellows Club. The District Manager also participated in an interview on Zika with the Chico News and Review on this date.

On August 23, 2016, the District Manager participated in the AMCA's monthly invasive *Aedes* call. Other districts and agencies from around the nation discussed surveillance and control of *Aedes aegypti* and *Aedes albopictus*. Many are struggling to control either specie.

On August 24, 2016, the District Manager met with Nancy Vorhees of Clarke to discuss shipping options, products, prices, and delivery dates.

On August 25, 2016, the District Manager attended the monthly Comanche Creek meeting. The city of Chico and the Friends of Comanche Creek considered maintenance schedules, invasive weed events, and a calendar of needed meetings.

On August 28, 2016, in South Carolina, Dorchester County made an aerial ULV application of naled which is believed to have killed 46 hives of bees at Flowertown Bee Farm and Supply in Summerville. The application was made between 6:30 AM and 8:30 AM where temperatures were

already in the 90's and bees were bearding on the exterior of the hives. The District Manager then reported on the District aerial ULV program and details of the District's operations.

On September 5, 2016, the District remained open for the holiday. A total of 23 of the District's current 28 employees volunteered to work the holiday. Also on this day, the District received an invoice in the amount of \$1,095.00 for replacement of a rice field drain culvert on Schohr Ranch, Inc. adjacent to the Cherokee Levee. The damaged occurred sometime in the late summer of 2015. The District Manager then sought direction from the Board of how to proceed. The Board directed the District Manager to pay the invoice.

- 6.2 Under item 6.2 of reports, Department Report, the District Manager reported that the District's New Jersey light traps and gravid traps have continued catching mosquitoes. Most mosquitoes species populations have increased and then decreased over the past month. *Culex pipiens* populations are currently lower than this time last year. The sentinel chickens samples are being taken biweekly. Yellow jacket surveillance has continued and small populations have been caught. CO2 trapping has continued and traps are being deployed routinely. Mosquito pools are being submitted for mosquito-borne disease. To date, over 300 mosquito pools have been submitted.

West Nile virus (WNV) activity has continued to remain active. The District has confirmation of WNV activity in humans, mosquito pools, dead birds, and sentinel chickens wide spread throughout the District's Service Area. WNV activity has been detected in the state and has increased. The District Manager gave a brief report on Zika virus activity in the United States.

The District's indoor fish tank continues to produce live fry and several thousand have already been transferred to the fry tank. The District's fish ponds have been mucked (vegetation removal) and are in good condition. The ponds have large populations of fish this season. The two tanks that were approved at July's Board Meeting have been installed and are currently up and running. The District continues to operate 10 public tanks throughout the service area where residents can pick up fish. The fish tanks will stay in the field until mid to late October.

Mosquito and Vector Control Specialists (Specialists) have continued with urban mosquito surveillance and control. Such sources inspected and controlled include but not limited to, storm drains, catch basins, retention/detention ponds, and unmaintained swimming pools. A large number of targeted sources were captured during the District's aerial surveillance project. Pools and other large sources are being inspected. Rural and agricultural lands are continuing to breed mosquitoes. Managed wetlands, pastures, rice, and other agriculture sources continue to be inspected and treated as needed.

The District's aircraft has continued being busy making larvicide applications. As of September 1, 2016, 714Y has treated 3,721.068 acres of managed wetlands. The acreage at this time last year was 2,619.69 acres. 6633K has treated 62,330.416 acres of rice. The acreage at this time last year was 53,293.27 acres. 606Y has made 12 aerial ULV applications whereas this time last year 11 were made.

The Public Relations (PR) Department is currently actively engaged in the public relations season. The PR Department is reviewing and updating (if needed) the District's website, brochures, photo and video files, and other informational documents. The PR Department has had a booth at the Chico Home and Garden Show, Gold Nugget Days, Red Suspender Days, Feather Fiesta Days, Biggs National Night Out, Berry Creek Berry Festival, and the Butte County Fair. The PR Department has done several TV, radio, and newspaper interviews, has released several press releases, and public notices. The billboard campaign is continuing to run. Billboards will be present from May to September and the locations will rotate on a monthly basis. This year's theme is Mosquitoes are a Dish for Mosquitofish. The District has partnered with Butte County Public Health and is currently advertising in the Chico ER and News and Review. The District is also advertising with Deer Creek Broadcasting on 103.5 FM, 97.7 FM, 95.1 FM, and KPAY 1290. This program started on June 1 and will run through the end of October. This District is also advertising with Radio Chico for August and September on 93.9, 92.7, 96.7, 107.5, and 107.9. The District is now advertising on mobile devices through CBS Broadcasting for the months of August and September.

After this final item of reports, President Beck asked the District Manager to proceed to policy matters.

7. Policy Matters (7.1 - 7.4)

The District Manager introduced Bill Reynolds of Leading Edge and Associates. Mr. Reynolds then gave a presentation on Leading Edge and Associates products focusing on MapVision 2.0 and Satloc G4.

- 7.1 Under item 7.1 of policy matters, the Board was asked to consider a capital expenditure not to exceed the amount of \$250,000.00 for MapVision 2.0 from Leading Edge and Associates. The Board reviewed the quote that includes MapVision 2.0 with related software, hardware, and training. This item was tabled from the August 10, 2016, Regular Meeting of the Board of Trustees. After a question and answer period, it was then moved by Member Vickery, seconded by Member Sheppard, and passed unanimously to approve the capital expenditure not to exceed the amount of \$250,000.00 for MapVision 2.0 from Leading Edge and Associates.
- 7.2 Under item 7.2 of policy matters, the Board was asked to consider a capital expenditure not to exceed the amount of \$70,000.00 for Satloc G4 from Leading Edge and Associates. The Board reviewed the quote which includes Satloc G4 with related software, hardware, and training. This item was tabled from the August 10, 2016, Regular Meeting of the Board of Trustees. After a question and answer period, it was then moved by Member Anderson, seconded by Member Bequette, and passed unanimously to approve the capital expenditure not to exceed the amount of \$70,000.00 for Satloc G4 from Leading Edge and Associates.
- 7.3 Under item 7.3 of policy matters, the Board was asked to review a list of Capital Assets that are obsolete or irreparable and declare the items surplus to need, remove from the Capital Asset Listing, and dispose of the items. It was then moved by Member Sheppard, seconded by Member Mallan, and passed unanimously to declare the items presented to the Board surplus to need, to remove the items from the Capital Asset List and dispose of the items.
- 7.4 Under item 7.4 of policy matters, the Board was asked to consider a research donation to the Coachella Valley Mosquito and Vector Control District for Dr. Chris Barker's (University of California, Davis) Research Proposal, "Vector Competence of California Mosquitoes for Zika Virus." It was then moved by Member Anderson, seconded by Member Starkey, and passed unanimously to contribute \$7,500.00 to the Vector Competence of California Mosquitoes for Zika virus and to send a letter to state and federal agencies requesting participation in this venture.

After this final item of policy matters, President Beck asked the District Manager to proceed to Topic of the Month.

8. Under topic of the month, the Board heard a report on the biology of *Aedes melanimon*.
9. After reviewing the demands made upon the District for the past month it was then moved by Member Mallan, seconded by Member Kirk, and passed unanimously to authorize checks numbered 40684 to 40863 be signed and distributed. Expenditures for the month totaled \$680,965.19
10. Under personnel, the District Manager reported that on August 11, 2016, Stetcyn Arrington, Mosquito and Vector Control Assistant, voluntarily separated employment with the District.
11. No correspondence to report.
12. Under other business, the Board was asked if any wished to attend either the AMCA Annual Conference on February 13-17 in San Diego, California or the MVCAC Annual Conference on March 26-29 in San Diego, California. President Beck desires to go to the AMCA Annual Conference and Member Sheppard desires to go to the MVCAC Annual Meeting if staff would be driving to the meeting.
13. No persons wishing to address the Board pertaining to closed session matters.
14. No closed session items.
15. President Beck announced adjournment at 7:53 PM and concluded by stating that the next regular meeting of the BCMVCD Board of Trustees would meet at 6:30 PM on October 12, 2016, at the District Headquarters' Board Room at 5117 Larkin Road, Oroville, CA 95965-9250.

Respectfully submitted,

A. Thomas Anderson,  
Secretary