

***Regular Minutes of the Board of Trustees of the Butte County Mosquito and Vector Control District Meeting held August 10, 2016***

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

**Members Excused:** President Dr. Albert Beck, and Dr. Tom Vickery.

**Members Absent:** None.

**Also Present:** District Manager Matt Ball, Assistant Manager Doug Weseman, and Office Manager Darlene Starkey.

1. The Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District held on August 10, 2016, at 5117 Larkin Road, Oroville, CA 95965-9250.
2. The August 10, 2016, Butte County Mosquito and Vector Control District regular meeting of the Board of Trustees was called to order at 6:30 PM by Vice President Kirk.
3. Seeing and hearing no persons wishing to address the Board on items not on the agenda, Vice President Kirk proceeded to request approval of the minutes.
4. After review it was then moved by Member Sheppard, seconded by Member Mallan, and passed unanimously to approve the minutes of the Board of Trustees meeting held July 13, 2016, as written.
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 July 14, 2016, the District completed the monthly staff meeting and all vehicle inspections. Also on this date, the District Manager attended the Sac Valley Regional meeting at Sutter-Yuba MVCD. The region discussed MVCAC action items, dues increase options, and reviewed MVCAC committee activities.

On July 18, 2016, the District Manager and Assistant Manager met with representatives of Butte County Health to discuss WNV activity, surveillance, and control. This is a monthly meeting. Jeff Cahn of Oroville MAD and Aaron Amator of Durham MAD attended the meeting.

On July 20, 2016, the District Manager met with Nancy Vorhees of Clarke to discuss shipping options, products, prices, and delivery dates.

On July 21, 2016, the District Manager attended the MVCAC Summer Board Meeting via conference call. The MVCAC is still considering ways to increase dues which have not been increased since 1991.

On July 22, 2016, Member Kirk, Regional Supervisor Jim Richards, and the District Manager attended the Comanche Creek Greenway ribbon cutting ceremony. The event had a large turnout and seemed to be a success. The District opened its parking lot so that attendees could park for the event. The District was recognized as a contributor and a Friend of Comanche Creek.

On July 25, 2016, the District Manager received an email from Aaron Amator of Durham MAD that Durham MAD would not be partnering with the District this year for aerial ULV applications. Several large unexpected bills was the determining factor. Durham MAD hopes this option will be available next year.

On July 26, 2016, the District's Safety Committee held its monthly Injury Illness Prevention Program meeting.

On July 28, 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 1, 2016, the District's annual financial audit began. The District's Office Manager and District Manager have met with representatives of Fedak and Brown LLP to discuss the District's financial operating procedures and policies. Also on this date, the District's Assistant Manager and District Manager participated in a conference call with Leading Edge and Associates to discuss the MapVision 2.0 proposal and to ask questions about the program.

On August 4, 2016, the District's Assistant Manager and District Manager participated in another conference call with Leading Edge and Associates to further discuss MapVision 2.0.

On August 8, 2016, the District Manager and Assistant Manager met with representatives of Butte County Health to discuss WNV activity, surveillance, and control. This is a monthly meeting.

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 over the past month. *Culex tarsalis* and *Aedes melanimon* populations are very high for this time of year. *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 240 mosquito pools have been submitted.

West Nile virus (WNV) activity has continued to remain active. The District has confirmation of WNV activity in 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 are scheduled to arrive and be installed at the end of this month. The District continues to operate 10 public tanks throughout the service area where residents can pick up fish.

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 now actively breeding 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 July 31, 2016, 714Y has treated 2,406.082 acres of managed wetlands. The acreage at this time last year was 1,502.0935 acres. 6633K has treated 43,609.511 acres of rice. The acreage at this time last year was 40,527.014 acres. 606Y has made 6 aerial ULV applications whereas this time last year 3 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, and Biggs National Night Out. 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, Vice President Kirk asked the District Manager to proceed to policy matters.

7. Policy Matters (7.1 - 7.4)
  - 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 and hardware. As the owner/operators of Leading Edge and Associates were unable to attend this meeting, the Board requested this item be tabled until the September 14, 2016, Regular Meeting of the Board of Trustees.
  - 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. As the owner/operators of Leading Edge and Associates were unable to attend this meeting, the Board requested this item be tabled until the September 14, 2016, Regular Meeting of the Board of Trustees.
  - 7.3 Under item 7.3 of policy matters, the Board was asked to consider a capital expenditure in the amount of \$4,324.63 for a refurbished Kyocera photo copier from Advanced Document Concepts. The District purchased a refurbished Kyocera copier in 2009 from Advanced Document Concepts. The copier is worn out and cannot be fixed. It was then moved by Member Mallan, seconded by Member Sheppard, and passed unanimously to approve the capital expenditure in the amount of \$4,324.63 for a refurbished Kyocera photo copier from Advanced Document Concepts.
  - 7.4 Under item 7.4 of policy matters, the Board was asked to consider renewing the annual membership with the Mosquito and Vector Control Association of California (MVCAC) in the amount of \$8,000.00. It was then moved by Member Starkey, seconded by Member Johnson and passed 8 ayes, 1 nay (Member Anderson: No, Member Andoe: Yes, Member Bequette: Yes, Member Hanson: Yes, Member Johnson: Yes, Member Kirk: Yes, Member Mallan: Yes, Member Sheppard: Yes, Member Starkey: Yes) to renew the annual membership with the Mosquito and Vector Control Association of California (MVCAC) in the amount of \$8,000.00.

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

8. Under topic of the month, the Board watched a District generated video on the biology of *Anopheles freeborni*.
9. After reviewing the demands made upon the District for the past month it was then moved by Member Anderson, seconded by Member Sheppard, and passed unanimously to authorize checks numbered 40574 to 40683 be signed and distributed. Expenditures for the month totaled \$430,473.64.
10. No personnel items to report.
11. Under correspondence the Board reviewed a thank you letter to Butte County Sheriff Kory Honea.
12. No other business to report.
13. No persons wishing to address the Board pertaining to closed session matters.
14. No closed session items.
15. Vice President Kirk announced adjournment at 7:42 PM and concluded by stating that the next regular meeting of the BCMVCD Board of Trustees would meet at 6:30 PM on September 14, 2016, at the District Substations' Board Room at 444 Otterson Drive, Chico, CA 95928.

Approved as written at the Board of Trustees Meeting held September 14, 2016.

Respectfully submitted,

A. Thomas Anderson,  
Secretary