

**MINUTES OF THE AUGUST 19, 2014
REGULAR MEETING OF THE BOARD OF TRUSTEES OF THE
SACRAMENTO-YOLO MOSQUITO & VECTOR CONTROL DISTRICT**

PLACE: 8631 Bond Road, Elk Grove, CA 95624
TIME: 10:00 a.m.

TRUSTEES PRESENT:

David Tamayo	President	City of Sacramento
Craig Burnett	Secretary	Folsom
Raul DeAnda		West Sacramento
Sean Denny		Woodland
Bruce Eldridge		Yolo County
Frederick Goethel		Galt
Lyndon Hawkins		Elk Grove
Jayna Karpinski-Costa		Citrus Heights
Gregory Lanzaro		Winters
Susan Maggy		Sacramento County
Robert McGarvey		Rancho Cordova
Rosemarie Moore		Isleton

TRUSTEES ABSENT:

Christopher Barker	Vice President	Davis
--------------------	----------------	-------

LEGAL COUNSEL:

Richard Shanahan

STAFF PRESENT:

Gary Goodman	Manager
Mario Boisvert	Assistant Manager
Janna McLeod	Administrative Manager
Paula Macedo	Laboratory Director
Marcia Reed	Program Coordinator
Marty Scholl	Ecological Mgmt Supervisor
Tony Hedley	Fisheries Supervisor
Luz Maria Rodriguez	Public Information Officer

CALL TO ORDER

The meeting was called to order at 10:00 a.m. by President David Tamayo.

Roll Call

Trustee Christopher Barker is absent; however, a quorum is present.

Pledge of Allegiance

All phones and electronic devices are requested to be silenced during the meeting.

1. ITEMS FOR APPROVAL BY GENERAL CONSENT

Trustee Karpinski-Costa requested to pull Item d., Consideration of Increase of Fees for Aircraft Applications for Larviciding Operations.

On a motion by Trustee Goethel, seconded by Trustee Denny, the Board voted to approve General Consent items a. through c. The motion passed by the following vote: Ayes: 12, Noes: 0, Absent: 1.

- a. Minutes of the July 15, 2014 Board of Trustees meeting;
- b. Expenditures for July 2014;
- c. Board Renewal of MVCAC Membership Dues Not to Exceed \$8,000.

Trustee Karpinski-Costa made the request to pull Item d. due to the use of the term consideration rather than the term approval. Manager Goodman confirmed that staff is seeking approval of the increase of fees. A brief discussion followed.

On a motion by Trustee Karpinski-Costa, seconded by Trustee Burnett, the Board voted to approve Item d., the increase of fees for aircraft applications for larviciding operations. The motion passed by the following vote: Ayes 12, Noes: 0, Absent: 1.

- d. Consideration of Increase of Fees for Aircraft Applications for Larviciding Operations.

2. OPPORTUNITY FOR PUBLIC COMMENT

This item is reserved for members of the public who wish to speak on items not on the agenda

There were no comments for items not on the Agenda. President Tamayo indicated Public Comments regarding aerial spraying were to be heard during Item 4, Status of West Nile Virus Activity and District Response.

3. REPORTS TO THE BOARD

a. Manager's Report:

Manager Goodman provided a written and verbal report including an update on NPDES permit amendments and approval effective August 12th, and progress on development of the District 5-Year Plan. The Ad-hoc committee will meet prior to next month's meeting and will review the plan for the Laboratory department. The District financial audit will begin on August 26th. The District continues to see West Nile Virus activity in both bird and mosquito populations. To date, Sacramento County has three (3) confirmed Human West Nile Virus cases and one (1) death while Yolo County has none.

b. Written Reports from District Departments: Written reports were provided in the Board packet from each department. The department supervisors each gave an oral presentation and were available to answer any questions.

Lab/Surveillance: Lab Director, Paula Macedo discussed mosquito abundance and surveillance activities. So far this year 445 mosquito samples have tested positive, 297 from Sacramento County and 148 from Yolo County. A total of 230 dead birds have tested positive, 194 from Sacramento County and 36 from Yolo County. Dr. Macedo discussed weekly mosquito trapping locations and virus response trapping locations. She also reviewed the Mosquito-borne Virus Risk Assessment and the process used to prepare and evaluate it. She

explained the difference between the weekly abundance graphs shown on the lab report, which uses the trap set and retrieved weekly for abundance purposes only, and the graphs used in the risk assessment calculations, which take into consideration the traps set and retrieved overnight for virus surveillance.

Ecological Management: Ecological Management Supervisor, Marty Scholl reported on department projects. He reviewed stormwater/drainages, regulatory, environmental and planning and Wetland/Agricultural programs. Mr. Scholl discussed meetings with the City of Elk Grove to reduce mosquito breeding issues within the City's creek channels. Vegetation management can keep the water moving and reduce the amount of treatments needed to curb WNV activity in the creeks. He reviewed the Wetland program and a request from the Yolo Bypass Wildlife Area to consider alternative fall flooding schedule to accommodate drought conditions within the Lower Yolo Bypass. He also talked about pool inspections and his department's staff continues to work with technicians to gain safe access to the backyard of certain residences.

Biological Control: Fisheries Supervisor, Tony Hedley, reported on fisheries projects and general maintenance. Activities included seasonal staff dipping rice fields, mosquitofish planting in both white and organic rice fields, and supplying the State Fair with mosquitofish and guppies for the display at the fair. Trustee Burnett asked how many pools in the District have mosquitofish in them. Tony replied that almost 1500 pools are active with fish. He also explained that the fish are planted as a biological control to avoid repeat treatments of pools and ponds as part of the District Integrated Pest Management program.

Larval and Adult Control: Program Coordinator, Marcia Reed reported on control operations activities. Control operations staff is very busy responding to service requests, checking larval sources, and response work due to West Nile virus activity. Catch Basin crews continue to assist with rice dipping. They also are treating catch basins that have increased mosquito activity possibly due to less rainfall flushing out the matter that collects in the basins.

Public Outreach: Public Information Officer, Luz Maria Rodriguez reviewed department activities including TV, radio, billboards and social media advertising. She discussed staff efforts to ensure press releases are going to as many outlets as possible as well as promoting the District email and text notifications for spray activities. Her department is coordinating efforts with local elected officials, community groups, and neighborhood associations to disseminate information regarding WNV and spraying activities in their local areas. Luz also discussed National Night Out activities and repellent distribution for this and other outdoor events. President Tamayo asked Luz what her budget was for the current fiscal year. She responded that her budget is set at \$365,000. She explained this includes outreach advertising and materials, event registration fees, repellent, school education program and supplies, and the Fight the Bite Calendar Contest. This budget does not include any staff salary or benefits.

A question was asked by a member of the public in the audience. Ms. Jessica Denning introduced herself and asked if there was anyone testing or tracking titer antibodies for West Nile Virus. Manager Goodman responded that there are researchers in the U.S. performing studies evaluating long term effects and a variety of alternatives. He indicated the District works with or follows different organizations or groups including the Mosquito and Vector Control Association of California (MVCAC), the American Mosquito Control Association (AMCA), Centers for Disease Control (CDC) and various universities to learn about current work being done and their subsequent findings. He reiterated that the District supports research although the main objective of the District is to implement Integrated Vector Management and to control mosquitoes and the spread of mosquito-borne diseases in our local area on a day to day basis.

Trustee Fred Goethel commented that it may be appropriate to forward the topic of antibodies and immunity on to the Mosquito Research Foundation.

Another question was raised by a member of the public in the audience. Ms. Diana Rudea introduced herself and asked about the public notice on the spraying done in South Sacramento at the end of June. She stated that she checked and did not see any notice in the newspaper. Manager Goodman responded that the District utilizes press releases to media outlets in our area before and after the decision to spray. The District recognizes the need to inform the public when treatments are being performed over or near urban areas. The District is continually looking for new ways to get the message out to the general public. The District posts spray notifications and maps on the District web site. In addition, residents are encouraged to sign up for the District e-mail and/or text notifications.

Trustee Denny commented on the spray notifications and District press releases sent to local officials. As a council member for Woodland, he said cities add a link or other form of posting notices received from the District on their web sites as well as Facebook pages or other social networking sites.

4. STATUS OF WEST NILE VIRUS ACTIVITY AND DISTRICT RESPONSE.

Manager Goodman presented the item. The District continues to follow the Mosquito and Mosquito Borne Disease Management Plan. When a dead bird or mosquito sample is found to have been infected with West Nile virus, lab personnel enhance surveillance efforts around the location to determine the potential spread of the infection. Control operation personnel then conduct a radius of both larval and adult sources to help reduce the number of mosquitoes in the area and to reduce the risk of transmission to the population. The District then continues to monitor the area to determine the geographic extent of the infection and to see if the number of infections decreases from the effort of the control personnel. If infections persist in the area, then more aggressive measures are considered.

Manager Goodman then reviewed pre and post spray surveillance for the Citrus Heights, Carmichael, Orangevale, and Fair Oaks area that included approximately 17,000 acres that was treated with aerial applications on July 16th and 17th. Manager Goodman also reviewed the aerial applications over the cities of Davis (approx. 18,000 acres) and Woodland (approx. 10,000 acres) on August 6th and 7th. The product used in all residential urban applications this year has been Trumpet EC with the active ingredient Naled. This has been due to the fact that the District is showing resistance to pyrethrins/pyrethroids in urban areas. The District only has two classes of products available for adult mosquito control (pyrethrins/pyrethroids and organophosphates).

Trustee Fred Goethel asked how mosquito and virus activities looked in Galt and Wilton. Manager Goodman indicated some truck fogging had been done in the Wilton area and Galt was seeing activity but not at the level of the areas of concern already noted.

At this time, President Tamayo opened the item to Public Comment. The following is a summary of the comments received. Only text enclosed in quotation marks reports a speaker's exact words:

Mr. William Now, a resident of Sacramento, informed the Board he is adamantly opposed to broad scale applications on land and on human populations who do not have a choice to be impacted by the spray. He asked the District to consider changing this practice and invited members of the public in the audience to join him in the following statement:

"For the record, we do not consent to the aerial application of dangerous pesticides including organophosphate chemicals containing known carcinogens over urban neighborhoods. We reserve all our rights and hold each of you as individuals morally liable for any and all harmful effects short term and long term to humans and the environment. We reject exposure to pesticides at the expense of individual's health and rights. We officially remove our consent and submit this notice and demand for an immediate halt to the aerial spraying of populated urban neighborhoods with pesticides."

Ms. Julie Ostoich spoke next. Ms. Ostoich informed the Board she is opposed to aerial spraying and represents a fragment of the population that is immune compromised. She discussed spraying and the effects of the ingredients on those with compromised immune systems. She requested the District reconsider the use of organophosphates and aerial spraying.

Ms. Jessica Denning is opposed to aerial spraying, spoke next. She said that she was disappointed when she contacted the District to request not to be sprayed and was told her garden had to be certified as an organic farm with the Ag Commissioner. She also discussed the possibility of bats being used as an alternate means of biological control. She closed by asking the Board to stop aerial spraying to control mosquitoes.

Ms. Deborah Whitman, President of Environmental Voices spoke next. She read a statement written by Kelsey Craig, a UC Davis student majoring in Environmental Toxicology (Exhibit A). After reading the statement, Ms. Whitman discussed her opposition, as a person with chemical sensitivities, to chemicals being used in repellent and aerial spraying. She encouraged researching the use of natural alternatives such as Eucalyptus Oil. She asked the Board to stop using chemicals and aerial spraying and thanked them for hearing the public comments.

Ms. Charley Cartwright, a resident in the South Land Park neighborhood spoke next. She informed the Board she is opposed to aerial spraying. She has a garden that she said she had to cover during the aerial spraying of her area. She does not approve of the involuntary nature of the spraying. She asked the Board to please revisit these policies and thanked the Board for the opportunity to talk on the matter.

Mr. Richard Lee spoke next. He said he is against aerial spraying. He said he does not consent to it and wants the Board and the District to stop the program completely. He said if the District does not stop spraying activities the agency and its representatives could be held liable for any damages resulting from the spraying.

Ms. Jane Mrowka a resident of Laguna in Elk Grove spoke next. She asked the Board and staff for more information on the chemicals, their approval, and authorization to use them for aerial spraying. Manager Goodman responded the California Health and Safety Code authorizes the District to perform mosquito control. The pesticide used is Trumpet EC and the label for it is available on the District web site. He recommended she sign up for the District e-mail and or text notifications for alerts if and when the District sprays her area.

Mr. Arthur Ringwalt spoke next and introduced himself as a resident in South Natomas and a volunteer at the UCD Mind Institute. He discussed the monetary and environmental costs involved in aerial spraying. He discussed the "Charge" study regarding pesticides and autism. He suggested the District look for better alternatives to aerial spraying and/or let people spray on their own property.

Ms. Darvinique H spoke next. She informed the Board she rejects exposure to pesticides at the expense of individual health and rights. She stated she strongly believes that people should have the right to choose to be sprayed or not.

Ms. Kim Glazzard spoke next and introduced herself as a resident and representative of the group Organic Sacramento. She said she wants the District to stop aerial spraying and to find another way to combat mosquitoes. She said she does not want to continue to be exposed to pesticides. She said she was opposed to aerial spraying when West Nile virus first came to the area in 2005 and now, almost 10 years later she still opposes aerial spraying.

Ms. Loriann Asmus a graduate of UC Davis and Master Gardener in Sacramento County spoke next. She said she is adamantly opposed to aerial spraying. She said she is concerned about the effects of the spraying on the pollinators and other beneficial insects.

At this time, President Tamayo reopened the item to comments from the Board. Trustee Bruce Eldridge asked staff if they could obtain a copy of the "Charge" study. Staff responded that they would provide a copy to him and any other Board member that may be interested.

President Tamayo commented that the Goal of the District is to protect the Public Health. When Virus activity is present the end goal is to cut back the number of mosquitoes to reduce the risk of infection rather than a total eradication of mosquitoes. Manager Goodman commented the District focus is on Public Health through Integrated Pest Management. The Public Education department informs the public of ways to protect themselves against mosquito bites and to reduce mosquito breeding sources by changing behaviors. District staff attends local special events and distributes educational materials and free repellent wipes. In addition, the District conducts surveillance to determine the mosquito and virus abundance throughout the District. That information is then used to determine the risk of transmission to the human population in order to prevent people from getting sick. The District is always open to ideas and suggestions for new or alternative methods of mosquito control.

5. BOARD REVIEW AND APPROVAL TO GRANT \$50,000 TO THE MOSQUITO RESEARCH FOUNDATION

Manager Goodman presented the Item. The packet included a letter from the Mosquito Research Foundation requesting the funds to support their program. Included in the letter was a list of the research that the Foundation is currently supporting. Trustee Karpinski-Costa asked if the District is supposed to choose which project to support. Manager Goodman responded that the grant is a general contribution rather than project specific.

On a motion by Trustee Goethel, seconded by Trustee Denny, the Board voted to Grant \$50,000 to the Mosquito Research Foundation. The motion passed by the following vote: Ayes: 12, Noes: 0, Absent: 1.

6. BOARD/STAFF GENERAL DISCUSSION

Manager Goodman updated the Board on the City of Elk Grove Trail project that includes movement of the fence on the west side of District property. They anticipated the project will start in 2016.

Next Month's Board Meeting will be held at McClellan Park, where VDCI operates, and a tour will be included along with a separate presentation on Farm Air operations.

Manager Goodman will be attending and giving a presentation at the Northwest Mosquito and Vector Control Association Conference in October.

Trustee Lyndon Hawkins asked if staff could request a presentation or training from the Department of Public Health on Chikungunya and other emerging diseases.

Trustee Jayna Karpinski-Costa informed the Board and staff that she was at a Citrus Heights event and received several thank you's from residents.

Trustee Susan Maggy noted there was an article about a West Nile virus survivor in the River Valley Times.

Trustee David Tamayo announced that he ran for and will be appointed to the SMUD Board in January.


Trustee Karpinski-Costa announced that she is on the ballot for the Los Rios Community College Board of Trustees.

7. ADJOURNMENT

President David Tamayo adjourned the meeting at 12:38 p.m.


* * * * *

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the August 19, 2014 meeting.



Gary Goodman, Manager

Approved as written and/or corrected by the Board of Trustees at the September 16, 2014 meeting.



Craig Burnett, Board Secretary

**Sacramento-Yolo Mosquito & Vector Control District (SYMVCD) -
Vector Board Meeting Announcement**

Date: Tuesday, August 19th at 10 am

Location: 8631 Bond Road in Elk Grove

**Statement by: Kelsey Craig, UC Davis Environmental
Toxicology Major**

The UCD MIND Institute “CHARGE” Study recently released a report revealing increased risk to Autism to children born to mothers exposed to organophosphates during pregnancy. The maximum allowable dose level for this proposition 65 listed carcinogen is two micrograms. The level of exposure cannot be controlled when releasing this chemical into the environment. People jogging, gardening, even swimming, while unaware of the spraying, could be exposed to unhealthy levels of a chemical known to cause cancer. With 1 in 3 kids, today, expected to have cancer within their lifetime and the risk of contracting West Nile virus to the population at a mere fraction of a percent, how can the Board continue, knowingly, these toxic practices? We need to adapt to modern knowledge of chemistry and ecology and encourage more sustainable and healthy practices. Could the Board provide free bat boxes, require pools to be covered and provide workshops on mosquito prevention?

Thank you so much.