

SACRAMENTO-YOLO  
MOSQUITO & VECTOR  
CONTROL DISTRICT

MARCH 19, 2019

BOARD OF TRUSTEES  
REGULAR MEETING

BOARD PACKET

10:00 A.M.

8631 Bond Road  
Elk Grove, CA 95624



**SACRAMENTO/YOLO MOSQUITO  
& VECTOR CONTROL DISTRICT  
BOARD OF TRUSTEES REGULAR MEETING**

8631 Bond Road  
Elk Grove, CA 95624

**AGENDA  
March 19, 2019  
10:00 AM**

*In compliance with the Americans with Disability Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District office at (916) 685-1022 or (916) 685-5464 (fax). Requests must be made as early as possible, and at least one-full business day before the start of the meeting. Documents and materials relating to an open session agenda item that are provided to the SYMVCD Board less than 72 hours prior to a regular meeting will be available for public inspection and copying at 8631 Bond Road, Elk Grove, Ca 95624. The documents will also be available on the agency's website at [www.fightthebite.net](http://www.fightthebite.net).*

**CALL TO ORDER:**

- **Roll Call**
- **Pledge of Allegiance**

**1. Items for Approval by General Consent:**

- a. **Minutes of the February 19, 2019 Board of Trustees Meeting**
- b. **Expenditures for February 2019**
- c. **Board Authorization to Grant Extended Paid Jury Duty Leave for District Employee Pursuant to Section 6.03 of the Personnel Manual and Section 10.4 of the MOU Between the District and Local OE3**
- d. **Adoption of Resolution Authorizing Renewal of Contract with County of Sacramento, Division of Public Health**

**2. Opportunity for Public Comment**

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

**3. Reports to the Board**

- a. **Manager's Report**
- b. **Reports from AMCA Annual Conference Attendees**
- c. **Reports from District Departments**
  - **Lab/Surveillance**
  - **Ecological Management**
  - **Biological Control**
  - **Larval and Adult Control**
  - **Public Outreach**

4. **Closed Session- Provide Instruction to Designated Labor Representatives (Gov. Code s. 54957.6-Labor Negotiations)**  
**Agency Designated Representatives : [Gary Goodman, Janna McLeod, Samer Elkashef, Chris Voight]**  
**Employee Organization: [Operating Engineers Local Union #3]**
5. **Board/Staff Reports and Requests**
6. **Adjournment**

# **Sacramento-Yolo Mosquito and Vector Control District**

## **March 19, 2019 Board Meeting**

### **1. Items for Approval by General Consent:**

- a. Minutes of the February 19, 2019 Board of Trustees Meeting;
- b. Expenditures for February 2019;
- c. Board Authorization to Grant Extended Paid Jury Duty Leave for District Employee Pursuant to Section 6.03 of the Personnel Manual and Section 10.4 of the MOU Between the District and Local OE3;
- d. Adoption of Resolution Authorizing Renewal of Contract with County of Sacramento, Division of Public Health.

### **Recommendation:**

**Approve the Items by General Consent**

**MINUTES OF THE FEBRUARY 19, 2019  
SPECIAL 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:**

Raymond LaTorre	President	Sacramento
Jayna Karpinski-Costa	Vice President	Citrus Heights
Craig Burnett	Secretary	Folsom
Raul DeAnda		West Sacramento
Sean Denny		Woodland
Bruce Eldridge		Yolo County
Lyndon Hawkins		Elk Grove
Gar House		Winters
Susan Maggy		Sacramento County
Robert McGarvey		Rancho Cordova
Rosemarie Moore		Isleton

**TRUSTEES ABSENT:**

Christopher Barker	Davis
Frederick Goethel	Galt
Robert McGarvey	Rancho Cordova

**LEGAL COUNSEL:**

Jennifer Buckman

**STAFF PRESENT:**

Gary Goodman	Manager
Samer Elkashef	Assistant Manager
Janna McLeod	Administrative Manager
Marcia Reed	Laboratory Director
Marty Scholl	Ecological Management Supervisor
Steven Ramos	Program Coordinator
Tony Hedley	Fisheries Supervisor
Luz Maria Robles	Public Information Officer

**CALL TO ORDER**

The meeting was called to order at 10:00 a.m. by President Raymond LaTorre.

**Roll Call**

Trustees Christopher Barker, Frederick Goethel, and Robert McGarvey were absent; however, a quorum was 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 Hawkins asked about two vendors listed on the Check Register, the first was Omni Bags Inc., which is the vendor for the water soluble packets used in Catch Basins. The second was Tender Corporation, which is the vendor for the purchase of repellent wipes. On a motion by Trustee Maggy seconded by Trustee Denny the Board voted to approve General Consent Items a. through c. The motion passed by the following vote: Ayes: 10, Noes: 0, Absent: 3.

- a. Minutes of the January 15, 2019 Board of Trustees Meeting;
- b. Expenditures for January 2019;
- c. District Investment Report for Period Ending December 31, 2018.

## **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 none.

## **3. BOARD REVIEW AND DISCUSSION OF THE 2017-2018 DISTRICT AUDIT**

Erica Pastor and Bowen Au Young with MUNN CPAs presented the item and were available to answer any questions from the Board. After a few questions, one correction was noted in the Management Discussion and Analysis section. The current make-up of the Board of Trustees includes eleven trustees appointed by their city and two trustees appointed by each county, rather than eight and two as stated on page 17 of the report. On a motion by Trustee Burnett, seconded by Trustee Denny, the Board voted to accept the Audit report with the change to page 17 as noted. The motion passed by the following vote: Ayes: 10, Noes: 0, Absent: 3.

## **4. REPORTS TO THE BOARD**

### **a. Manager's Report:**

District staff is taking earned vacation time and completing annual training. Staff submitted the NPDES Annual Report to the State Water Resources Control Board. Staff did an excellent job with their presentations at the MVCAC Annual conference in Burlingame. The District gave eleven talks at the meeting and moderated one symposium. The MVCAC Board meeting discussed the live session requirements for continuing education units. The vector control research committee is focused on trying to engage with the PacVec Regional Center of Excellence on operational research ideas. The MVCAC Spring Quarterly meeting will be held on April 2nd in conjunction with the Annual Legislative Day on April 3rd in Sacramento. The MVCAC is trying to ensure that we visit all of our state legislators and we may be making visits to other Districts representatives. Our main concern will be focused on getting the CalSurv Gateway into statute along with securing funding for the program. The last day for bill introduction is February 22<sup>nd</sup>. The AMCA Annual Legislative Day will be May 13-16 in Washington DC. Epidemiology and Laboratory Capacity Funding, USFWS Mosquito Control Practices and NPDES issues will again be the main ask of our federal legislators. Please be advised that you will need to submit your Conflict of Interest Form 700 by April 2, 2019.

**b. Reports from Trustees Attending the MVCAC Annual Conference:**

Trustee Gar House attended his first conference. He was impressed by the knowledge and expertise displayed by the presenters, especially District staff. As a new Trustee to the Board Gar discussed the talks he attended indicating what he learned about mosquito control technology and research. He was very interested in the talk regarding attitudes and opinions of the public related to mosquito control including awareness of government agencies and control activities.

Trustee Jayna Karpinski-Costa attended the conference. She really enjoyed the talk on attitudes and opinions and would be curious to see what the specific results were in our District. The general session for everyone gets better and better every year. The presentation by Ron Rosenberg was really impressive and District staff was incredible. She would like to see more variety of trainings and presentation topics for Trustees.

Trustee Bruce Eldridge attended the conference. He too enjoyed the talk by Ron Rosenberg, and asked if staff could request a copy of his talk. Trustee Eldridge also discussed the presentation on Preparing for the Unknown, the threat of diseases and vectors, and new pathogens. He feels this is a particularly important topic for Districts moving forward.

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

**Lab/Surveillance:** Laboratory Director, Marcia Reed reported on Laboratory activities including tick flagging and trap pick up. Lab personnel are working on CE webinars and other training. They are also preparing and deploying traps and other equipment and integrating it into the surveillance program. Lab Technician, Bret Barner will be moving on at the end of the month. He will be the new Biologist for the Solano Mosquito District. Marcia and Sarah will be attending the AMCA conference with Sarah presenting on WALs and Marcia on BG Counter Traps. While at the MVCAC conference they were able to take a Tour of the Bio Hub facility in San Francisco.

**Ecological Management:** Ecological Management Supervisor, Marty Scholl discussed department activities. A staff member is working on obtaining their Class A license and will be taking the exam soon, once passed the department will have two drivers. Marty moderated the UAS Software Symposium at MVCAC with Ruben Rosas sitting on the panel. The department purchased a new drone that has the ability to take images for topographic modeling. Planning for the upcoming season for drone usage and applications is currently underway. Marty will be giving two talks at the AMCA conference, one on water management and the other on UAS spray technology.

**Biological Control:** Fisheries Supervisor, Tony Hedley reported on department activity including servicing equipment, repairing nets, and fish usage. Fish usage is down at this time of year probably due to the colder, wetter weather we've been having. Technicians are continuing with training, CEs and annual safety. The department is doing research on potential predator prevention including traps and additional nets. His written report included a picture showing where the new bike path is next to District property including where the trees that were removed and the privacy fencing which seems to be working well.

**Larval and Adult Control:** Program Coordinator, Steve Ramos discussed activities including regular maintenance and training including annual safety and continuing education. *Anopholes* had picked up with warmer weather and have now reduced with the cooler temperatures and rain. Maps for catch basins are being completed by staff. Technicians are beginning to gear up for the season calibrating equipment and updating manuals including SDS sheets. Phase two of the WALs treatment study will be taking place this season.



**Public Outreach:** Public Information Officer, Luz Robles reported on activities including the Fight The Bite contest. All flyers have gone out to the schools and a few entries have started to come in. One school tour of the District was given this past month for a home based charter school. A presentation has been requested, and will be scheduled for a group of nursing students. Staff attended the Galt bird festival and will be attending the upcoming Duck Days event in Yolo County. The events for the upcoming season have been selected and the District will be submitting registration applications and fees to attend. Mosquito Awareness Week for this year will be the 4th week of April. Luz is also setting up the calendar for annual spring meetings with local elected officials leading into the upcoming season.

**5. BOARD REVIEW AND CONSIDERATION OF \$260,000 TO FUND PUBLIC OUTREACH ADVERTISING PLAN FOR 2019 MOSQUITO SEASON**

Public Information Officer Luz Maria Robles presented the item and was available to answer any questions. The Board voted and approved the 2019 Advertising Plan not to exceed \$260,000. The item passed by the following vote: Ayes: 13, Noes: 0, Absent: 0.

**6. BOARD/STAFF GENERAL DISCUSSION**

Recruitments are ongoing to fill two Field Technician positions as well as all Seasonal Helper positions. Bret Barner leaving to go to Solano creates a Laboratory Technician vacancy in the Lab. Staff expect to begin interviews for these position within the next couple of weeks.

Gary will be participating on a CDC strategy conference call.

**7. ADJOURNMENT**

The meeting adjourned at 11:38 am.

\* \* \* \* \*

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the February 19, 2019 meeting.

\_\_\_\_\_  
Gary Goodman, Manager

Approved as written and/or corrected by the Board of Trustees at the March 19, 2019 meeting.

\_\_\_\_\_  
Craig Burnett, Board Secretary

**February 2019 Check Register**  
**Activity From: 2/1/2019 to 2/28/2019**  
**Sacramento Yolo MVCD (SYC)**

Check Number	Check Date	Vendor Number	Name	Check Amount
<b>Bank Code:</b> U US Bank				
052493	2/6/2019	0000053	Brad Donaldson	37.36
052494	2/6/2019	0000074	CA Dept of Water Resources	63.43
052495	2/6/2019	0000093	Capitol Park	37.36
052496	2/6/2019	0000095	Carmichael Park	36.31
052497	2/6/2019	0000640	County of Yolo Maintenance Yard	63.43
052498	2/6/2019	0000150	Davis Cemetary	61.65
052499	2/6/2019	0000171	Donny Braninburg	72.47
052500	2/6/2019	0000206	Folsom Water Treatment	37.36
052501	2/6/2019	0000208	Fox 40 KTXL	37.36
052502	2/6/2019	0000224	Gramercy Court	37.36
052503	2/6/2019	0000230	Hans Abplanalp	123.05
052504	2/6/2019	0000272	KCRA TV 3	72.47
052505	2/6/2019	0000290	Leona Beaver	72.47
052506	2/6/2019	0000335	Nakahara Farms	123.05
052507	2/6/2019	0000341	Natomas Mutual Water Co	37.36
052508	2/6/2019	0000343	Nature Conservancy Cosumnes River	72.47
052509	2/6/2019	0000381	Rancho Murieta Association	37.36
052510	2/6/2019	0000382	Randy Johnson	37.36
052511	2/6/2019	0000386	Raymond Coupe	72.47
052512	2/6/2019	0000439	Schene Enterprises	63.43
052513	2/6/2019	0000463	Steve Simunich	72.47
052514	2/6/2019	0000524	Virginia Lamb	72.47
052515	2/7/2019	0000016	American International Manufacturing	30.09
052516	2/7/2019	0000018	ANDKO Building Maintenance Inc.	2,777.94
052517	2/7/2019	0000034	AutoZone Inc	102.27
052518	2/7/2019	0001011	Buckmaster Office Solutions	151.62
052519	2/7/2019	0000076	CA Dept.of Fish and Wildlife	400.00
052520	2/7/2019	0000107	Chem Service Inc	562.20
052521	2/7/2019	0001019	Cintas Corporation	1,967.88
052522	2/7/2019	0000117	City of Woodland	422.87
052523	2/7/2019	0000126	Complete Welders Supply Inc	951.64
052524	2/7/2019	0000128	Consolidated Communications	2,512.07
052525	2/7/2019	0000186	Elk Grove Water District	508.08
052526	2/7/2019	0000956	Employee Benefits Law Group	202.50
052527	2/7/2019	0000223	Grainger	246.87
052528	2/7/2019	0000240	Hunt & Sons Inc	2,550.85
052529	2/7/2019	0000308	Mann Urrutia Nelson CPAs & Assoc LLP	2,500.00
052530	2/7/2019	0000356	OReilly Automotive Stores Inc	424.54
052531	2/7/2019	0000367	PG & E	3,239.00
052532	2/7/2019	0000388	Republic Services #922	33.47
052533	2/7/2019	0000391	River City Fire Equipment	1,778.08
052534	2/7/2019	0000451	SMUD	3,259.62
052535	2/7/2019	0000462	Sterling May Co	811.90
052536	2/7/2019	0000497	TriCo Welding Supplies	326.18
052537	2/7/2019	0000505	US Bank Equipment Finance	102.36
052538	2/7/2019	0000517	Vector Control Joint Powers Agency	719.00
052539	2/7/2019	0000518	Vector Disease Control International	50,000.00
052540	2/7/2019	0000522	Verizon Wireless	3,335.98
052541	2/7/2019	0000525	Vortex Industries Inc	2,025.06

052542	2/7/2019	0000527	WAC Solution Partners	3,281.25
052543	2/11/2019	0000267	Kaiser Foundation Health Plan	19,546.65
052544	2/11/2019	0000267	Kaiser Foundation Health Plan	1,447.90
052545	2/11/2019	0000267	Kaiser Foundation Health Plan	2,171.85
052546	2/11/2019	0000267	Kaiser Foundation Health Plan	18,636.27
052547	2/11/2019	0000373	Preferred Benefit Ins Administrators	8,202.60
052548	2/11/2019	0000957	Sutter Health Plus	6,862.32
052549	2/11/2019	0000531	Western Health Advantage	6,401.27
052550	2/11/2019	0000531	Western Health Advantage	5,081.44
052551	2/15/2019	0000483	UC Regents	800.00
052552	2/21/2019	0000014	Alhambra & Sierra Springs	227.23
052553	2/21/2019	0000038	Bartkiewicz Kronick & Shanahan	942.50
052554	2/21/2019	0001011	Buckmaster Office Solutions	354.03
052555	2/21/2019	0000126	Complete Welders Supply Inc	506.06
052556	2/21/2019	0001037	Elite Supply Source	203.65
052557	2/21/2019	0001054	Employment Developement Dept	9,581.00
052558	2/21/2019	0000958	GreatAmerica Financial Services	372.82
052559	2/21/2019	0000240	Hunt & Sons Inc	415.72
052560	2/21/2019	0000277	Kimball Midwest	195.11
052561	2/21/2019	0000367	PG & E	1,729.04
052562	2/21/2019	0000391	River City Fire Equipment	55.50
052563	2/21/2019	0000413	Sacramento County Utilities	960.54
052564	2/21/2019	0000427	Safety Kleen Corp	310.43
052565	2/21/2019	0000459	Star Milling Co	1,960.22
052566	2/21/2019	0000461	Stericycle Inc	77.20
052567	2/21/2019	0000467	Supplyworks	766.93
052568	2/21/2019	0001062	TeamLogic IT Sacramento, CA	1,007.50
052569	2/21/2019	0000345	United Rentals, Inc.	928.54
052570	2/21/2019	0000529	Waste Management	407.30
052571	2/28/2019	0000043	Benefit Coordinators Corporation	3,372.44
052572	2/28/2019	0000084	CA State Disbursement Unit	694.00
052573	2/28/2019	0000084	CA State Disbursement Unit	350.00
052574	2/28/2019	0000339	Nationwide Retirement Solutions	3,775.00
052575	2/28/2019	0000339	Nationwide Retirement Solutions	1,300.00
052576	2/28/2019	0001035	Operating Engineers Local Union No. 3	1,260.00
052577	2/28/2019	0000357	P & A Administrative Services Inc	103.50
W00072	2/28/2019	0000086	CalPERS 457 Plan	22,662.58
W00073	2/28/2019	0000561	United States Treasury	52,183.51
W00074	2/28/2019	0000176	EDD	14,589.92
W00075	2/28/2019	0000087	CalPERS Financial Reporting & Accounting	73,601.29
				<hr/>
				<b>Bank U Total:</b> 350,607.70
				<hr/>
				<b>Report Total:</b> 350,607.70
				<hr/>

I hereby authorize the use of my signature plate on  
the above-listed warrants, 052493-052577, and EFTs W00072-W00075

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 Signature

Susan Maggy, Past President

Date

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 Signature

Raymond LaTorre, President of the Board

Date

S.Y.M.V.C.D  
FY 2018-2019 Budget Update  
February 2019

	Account #	Account Description	8 Months Ended February 28, 2019	Annual Budget	Unused
T	4000	REVENUE	\$ -	\$ -	\$ -
T	5000	SALARIES/BENEFITS/WC	\$ 5,479,343.88	\$ 8,056,523.70	\$ 2,577,179.82
T	5200	OPERATIONAL	\$ 4,272,678.69	\$ 5,433,364.00	\$ 1,160,685.31
T	5210	LIABILITY INSURANCE	\$ 127,641.00	\$ 136,922.00	\$ 9,281.00
T	5250	AUDITING/FISCAL	\$ 17,750.00	\$ 15,500.00	\$ (2,250.00)
T	5270	COMMUNICATIONS	\$ 49,970.72	\$ 79,500.00	\$ 29,529.28
T	5310	PUBLIC INFORMATION	\$ 213,816.61	\$ 434,800.00	\$ 220,983.39
T	5340	STRUCTURE & GROUNDS	\$ 39,514.51	\$ 65,000.00	\$ 25,485.49
T	5370	MEMBER/TRAINING	\$ 71,269.45	\$ 113,000.00	\$ 41,730.55
T	5390	DISTRICT OFFICE EXPENSES	\$ 10,707.86	\$ 15,000.00	\$ 4,292.14
T	5430	PROFESSIONAL SERVICES	\$ 73,940.72	\$ 139,200.00	\$ 65,259.28
T	5440	MATERIALS & SUPPLIES	\$ 6,394.32	\$ 10,000.00	\$ 3,605.68
T	5450	RENTS & LEASES	\$ 7,102.90	\$ 8,750.00	\$ 1,647.10
T	5470	SAFETY PROGRAM	\$ 1,782.45	\$ 5,000.00	\$ 3,217.55
T	5480	UTILITIES	\$ 63,127.41	\$ 100,000.00	\$ 36,872.59
T	6120	AIRCRAFT SERVICES	\$ 647,630.62	\$ 809,297.00	\$ 161,666.38
T	6140	ECOLOGICAL MANAGEMENT	\$ 2,468.43	\$ 17,600.00	\$ 15,131.57
T	6160	MICROBIAL	\$ 979,309.37	\$ 1,336,000.00	\$ 356,690.63
T	6170	BIORATIONALS (Formerly IGR)	\$ 675,905.05	\$ 902,620.00	\$ 226,714.95
T	6180	INSECTICIDES	\$ 1,007,261.73	\$ 765,000.00	\$ (242,261.73)
T	6220	FISHERIES	\$ 10,247.71	\$ 24,990.00	\$ 14,742.29
T	6280	GEOGRAPHIC INFO SYSTEMS	\$ 3,456.75	\$ 6,925.00	\$ 3,468.25
T	6320	INFORMATION TECHNOLOGY	\$ 16,587.56	\$ 31,450.00	\$ 14,862.44
T	6350	CONTROL OPERATIONS	\$ 8,237.31	\$ 28,710.00	\$ 20,472.69
T	6370	SHOP	\$ 75,488.37	\$ 88,000.00	\$ 12,511.63
T	6420	LAB SERVICES	\$ 82,297.34	\$ 156,600.00	\$ 74,302.66
T	6450	GAS & PETROLEUM	\$ 80,770.50	\$ 143,500.00	\$ 62,729.50
T	7000	CAPITAL ACCOUNTS	\$ 116,839.67	\$ 414,000.00	\$ 297,160.33
T	7011/1510	Capital Outlay/Construction In Progress	\$ 116,839.67	\$ 204,000.00	\$ 87,160.33
T	7030	Research Fund	\$ -	\$ 50,000.00	\$ 50,000.00
T	7035	Building Improvement	\$ -	\$ 160,000.00	\$ 160,000.00
T		TOTALS			
T		Salaries/Benefits	\$ 5,479,343.88	\$ 8,056,523.70	\$ 2,577,179.82
T		Operational	\$ 4,272,678.69	\$ 5,433,364.00	\$ 1,160,685.31
T		Capital Accounts	\$ 116,839.67	\$ 414,000.00	\$ 297,160.33
T		Total Budget	\$ 9,868,862.24	\$ 13,903,887.70	\$ 4,035,025.46

**1. Items for Approval by General Consent:**

- c. Board Authorization to Grant Extended Paid Jury Duty Leave for District Employee Pursuant to Section 6.03 of the Personnel Manual and Section 10.4 of the MOU Between the District and Local OE3.

**Staff Report**

District Employee, Nicholas Tremblay, has been selected for jury duty service that may exceed the current policy of 15 days of paid Jury Duty. At this time, his service is expected to last approximately 25 court days.

**Recommendation:**

Approve the extension of paid Jury Duty Leave for Employee Nicholas Tremblay.

**1. Items for Approval by General Consent:**

- d. Adoption of Resolution Authorizing Renewal of Contract with County of Sacramento, Division of Public Health.

**Staff Report**

The District has had a long standing relationship with the County of Sacramento's Public Health Lab which allows us to utilize their space for our mosquito pool testing. The County of Sacramento requires a new resolution be adopted every year to renew this agreement. There are no changes in this document from last year's agreement.

**Recommendation:**

Adopt the Resolution Authorizing Renewal of Contract with County of Sacramento, Division of Public Health.

**“BOARD OF DIRECTORS RESOLUTION/SIGNATURE AUTHORITY”**  
**RESOLUTION #: 03-19-19**

WHEREAS, a proposed contract with the COUNTY OF SACRAMENTO for the deliver of services by this organization has been determined to be in the interest of 1. (SEE LIST ON ATTACHED SHEET) by its duly constituted Board of Directors:

NOW THEREFORE, BE IT RESOLVED: That the persons named below are authorized to negotiate and execute, on behalf of this corporation, said contract and any and all documents pertaining to this contract, and to submit claims for reimbursement and other financial reports by said contract;

AND FURTHERMORE: That the signatures recorded below are the true and correct signatures of the designated individuals.

**AUTHORIZED TO EXECUTE CONTRACT:**

2. Manager  
Title

3. Gary Goodman  
Name

4.  
Signature

**AUTHORIZED TO SUBMIT CLAIMS:**

5. Manager  
Title

6. Gary Goodman  
Name

7.  
Signature

**CERTIFICATION**

I certify that I am the duly qualified and acting Secretary of 8. Sacramento-Yolo M.V.C. D., A duly organized and existing California 9. Special District (corporation / joint venture). The foregoing is a true copy of a resolution adopted by the Board of Directors of said corporation/joint venture, at a meeting legally held on 10. March 19, 2019, and entered into the minutes of such meeting, and is now in full force and effect.

11. 3/19/2019  
Date

12. Raymond LaTorre, Board President  
Name (Type or Print)

13.  
Signature

Contractor: Sacramento – Yolo Mosquito & Vector Control District Contract No.:

**SERVICE DELIVERY ADDRESS LIST**

<b>Facility Name</b>	<b>Address</b>	<b>City/State/Zip</b>	<b>Area Code/Phone #</b>
Public Health Laboratory	4600 Broadway, Ste 2300	Sacramento, CA 95820	916-874-9231



# **Sacramento-Yolo Mosquito and Vector Control District**

## **March 19, 2019 Board Meeting**

### **3. Reports to the Board**

#### **a. Manager's Report**

#### **b. Reports from AMCA Annual Conference Attendees**

#### **c. Reports from District Departments**

- **Lab/Surveillance (Marcia Reed)**
- **Ecological Management (Marty Scholl)**
- **Biological Control (Tony Hedley)**
- **Larval and Adult Control (Steve Ramos)**
- **Public Outreach (Luz Maria Robles)**

#### **a. Manager's Report**

MVCAC Legislative Day will be held on April 3<sup>rd</sup>, 2019. Sean Denny, Samer Elkashef and the Manager will make visits to our local offices. The MVCAC is currently pushing one piece of legislation, AB 320, which would officially recognize the Calsurv Gateway program in statute. The long-term hope in establishing AB 320 would be to obtain funding to enhance and expand the program in the future. Other discussions with our legislators will include the progress on the UAS process with CDPR and the current state of mosquito control in California.

District staff represented the program very well at the AMCA Annual Conference. The AMCA Board voted to replace the current management firm, Association Headquarters with the firm that currently manages the MVCAC, AMG.

District staff is working on scheduling interviews to fill current seasonal vacancies within various departments. The seasonal staff will begin in April.

The Vector Control Joint Powers Agency (VCJPA) workshop was held in Santa Cruz earlier this month. Gary Goodman attended on behalf of the District. Our VCJPA is in a good financial position overall and the District continues to have minimal claims. The VCJPA is looking at alternate means for excess insurance over the \$1M current limit that is administered through CARMA. A decision will be made at the April Board meeting of VCJPA once costs and potential savings are known.

The AMCA Washington Conference will be held on May 14-16. Sean Denny and the Manager will represent the District.

**b. Reports from AMCA Annual Conference Attendees**

**c. District Departments**

- **Lab/Surveillance (Marcia Reed)**
- **Ecological Management (Marty Scholl)**
- **Biological Control (Tony Hedley)**
- **Larval and Adult Control (Steve Ramos)**
- **Public Outreach (Luz Maria Robles)**

**LABORATORY**  
**Monthly Report for March 2019 Board Meeting**

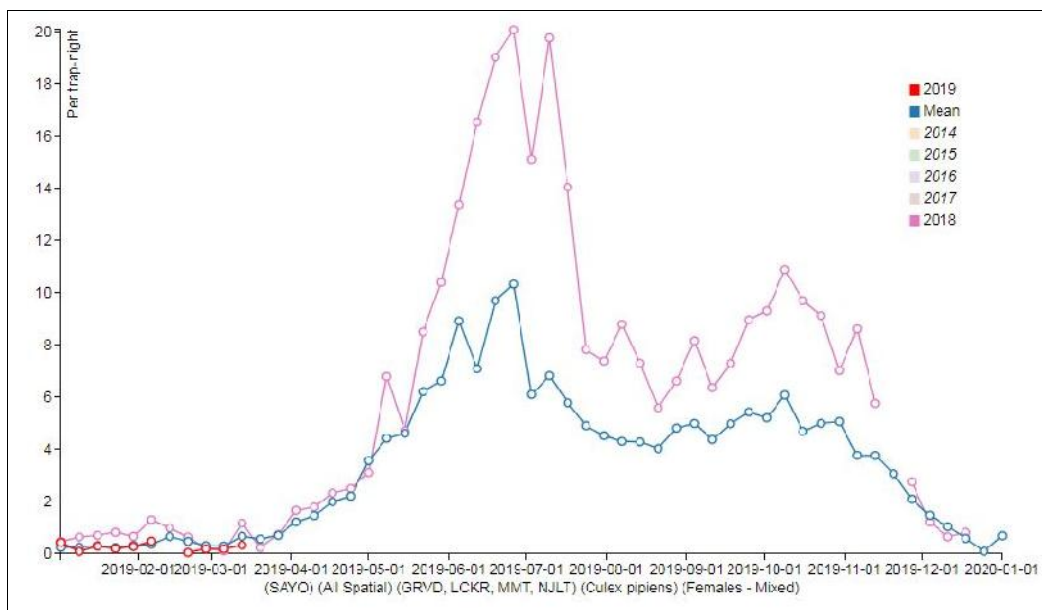
**Insectary:**

Colonies maintained: *Culex tarsalis* Bakersfield from CDC (susceptible)  
*Culex tarsalis* Kern National Wildlife (susceptible)  
*Culex quinquefasciatus* Cq1 (susceptible)  
*Culex pipiens* Woodland (resistant)  
*Culisita incidens* wild - Sacramento County  
*Aedes sierrensis* wild  
*Culex tarsalis* Conaway Ranch - wild

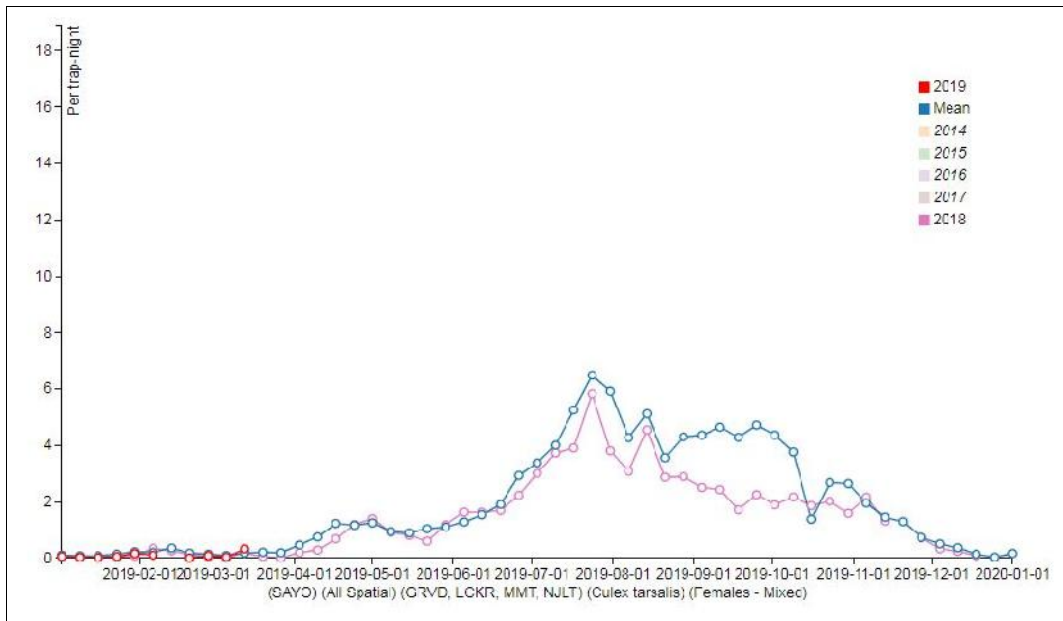
**Surveillance:**

- **Weekly collections** – New Jersey Light traps (NJLTs), Mosquito Magnet traps (MMTs), Locker CO<sub>2</sub> Traps (LCKRs) and Gravid traps (GTs) results are presented in the graphs below. *Culex pipiens* and *Culex tarsalis* trap counts continue to be low as usual for this time of year. *Anopheles freeborni* graph is also included for this report. We have not seen the usual mid-winter week of warm weather that brings out a small peak of activity in the *An freeborni* populations.

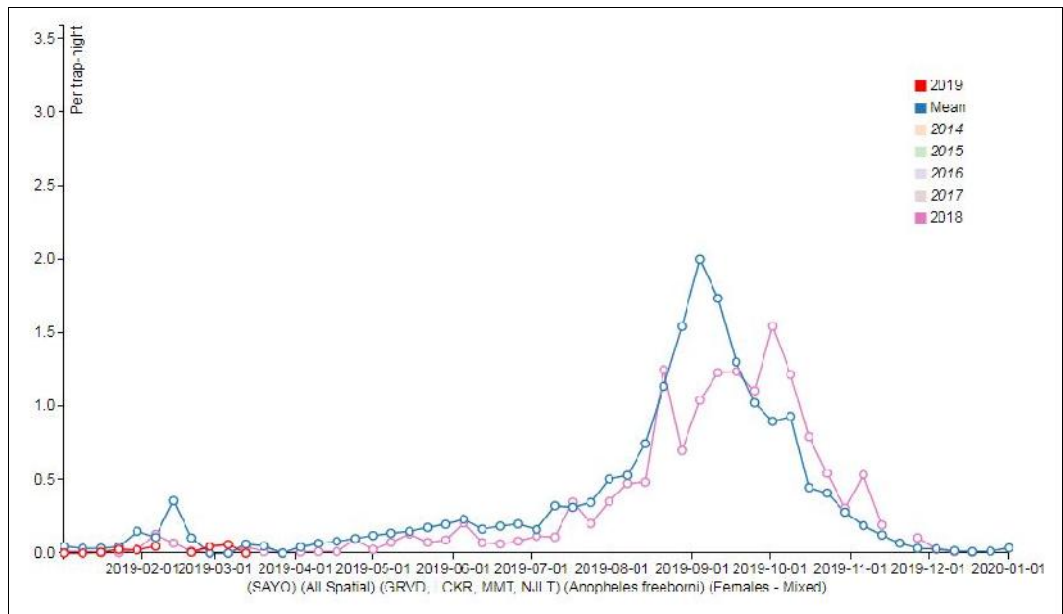
*Culex pipiens* on abundance traps (NJLT, MMT, LCKR, GT):



*Culex tarsalis* on abundance traps (NJLT, MMT, LCKR, GT):



*Anopheles freeborni* on abundance traps (NJLT, MMT, LCKR, GT):



**Encephalitis virus surveillance (EVS) – Mosquitoes** – We are working with the field supervisors to designate sites that we will set traps at in April for abundance data. Additionally we are evaluating the EVS trap plan overall for the virus surveillance trapping which will begin in May.

**Encephalitis virus surveillance (EVS) – Sentinel Chickens** – The sentinel chickens are going to be picked up on April 4<sup>th</sup>. We will do baseline bleeds on the chickens and they will be distributed to the same flock locations as last season: Isleton, Rancho Murieta and Gibson Ranch in Sacramento County and Dunnigan and Knights Landing in Yolo County.

**Encephalitis virus surveillance (EVS) – Dead Birds** – The dead bird hotline will open in April.

**Exotic/Invasive Species Surveillance** – We are implementing the use of BG Sentinel traps for our invasive species surveillance program this season.

**Tick and Lyme disease surveillance** – Tick flagging for *Ixodes pacificus* ticks is continuing at 20 sites for this season. Collections have been challenging this winter with the rainy season we have had. We were able to collect at all sites in January and these collections yielded 108 pools amounting to 474 ticks in total. There were three positive pools; one from Nimbus Dam, one from Cache Creek and one from Willow Creek. In February, access to Cache Creek was not allowed, so no collections from our Cache Creek sites were done in February. At the other sites in February, we collected 72 pools of 308 total ticks. There were 5 positive pools, two from Willow Creek and three from Nimbus Dam.

**BG Counter Traps** – We are in the process of adding ten more of these traps to our surveillance program. We will again be deploying them in the rice field habitats as well as in some other key sites this season.

**Mosquito Resistance Testing** – We have done a comparison of our *Cx tarsalis* Bakersfield and *Cx tarsalis* Kern National Wildlife Refuge susceptible colonies. We are currently evaluating this data. We also did a preliminary look at age banding importance in performing bottle bioassays by utilizing varying aged female adult mosquitoes.

**Non-WNV Disease Response Surveillance** – We have been notified of one non-WNV disease cases this month. It is a dengue case. We will set traps near the location to monitor for the presence of any dengue vectors.

**District Studies** –

**WDG WALs study** – We will be continuing to work with control in evaluating this treatment method in our urban/suburban areas for *Culex* mosquito control.

**Product Trials** – We plan on performing product trials utilizing the new Merus 3.0 and DeltaGard adulticides this season.

## **Collaborations –**

**Bottle Bioassay Workshop and Testing** – Dr. Anton Cornel's staff will be running a workshop on May 22<sup>nd</sup> through the 24<sup>th</sup> at the District. Several other mosquito control districts will be here to participate. This is being done as part of Dr. Cornel's Center of Excellence work.

**Catch Basin Residue and Resistance study** – We are currently discussing with Dr. Gan a new project regarding determining resistance in mosquito populations with relation to the pesticide residues found in catch basins. We are working through the MVCAC Research Committee in coordinating this collaboration with other Districts; Dr. Gan's lab at UC Riverside for the pesticide testing, as well as, Dr. Cornel's lab for the bottle bioassay work.

**Rice Residue study** – We are currently in discussions about what we would like to do this season with Dr. Gan in the rice field habitat to add to the information gathered last season.

**BioGents REMOSIS Project (Now BGI)** – We are looking forward to again working on this new trap design this season.

**BioGents new module trap** – We are working with CDPH staff and BioGents to evaluate the utility of a new modular mosquito capture device.

**California Arbovirus Surveillance Bulletins from CDPH will resume in the spring.**

**ECOLOGICAL MANAGEMENT DEPARTMENT**  
**Monthly Report for the March 2019 Board Meeting**

**Storm Water / Drainages Program**

Cordova Creek: Last summer staff assisted the Sacramento County Dept. of Parks and Recreation and the Water Forum with installing a pond leveling device in the newly restored riparian area of Cordova Creek, south of the Lower American River. A link to the project can be viewed at <http://www.waterforum.org/uncategorized/2199/>. Recent rains and increased beaver activity prompted the Water Forum to ask for guidance on how to handle the creek overflows and if the District can put in a larger pond leveler. Staff will monitor the area and provide assistance as necessary.



Delta Meadows: Staff continues to monitor water levels and mosquito breeding in the ditches of Delta Meadows on both the State Parks and Bureau of Reclamation owned ditches. Bureau of Reclamation fast tracked the annual approval of Pesticide Use Proposals and brush cutting by District staff.

Yocha Dehe Wintun Nation: The Wintun Tribe recently purchased the Portuguese Bend property and adjacent walnut orchard, located just south of Knights Landing on the Sacramento River. Staff has been working to gain access for trail maintenance to the currently flooded portions on the river side of the levee and will monitor the mosquito breeding as the river recedes.

**Pool Program**

Staff have begun to receive pool second notice inspection and access requests from control operations for further potential enforcement.

**UAS Program**

Staff has applied for new airspace authorization for the season to fly within the airspace of the Sacramento International Airport. Waivers are in place through September of this year for the other towered airports within the District.

**AMCA**

Staff presented at the 85<sup>th</sup> American Mosquito Control Association Annual Meeting held in Orlando, FL. Staff gave two talks covering UAS mapping and spray activities and had numerous conversations with entities from across the US regarding UAS collaboration and sharing of information.



**BIOLOGICAL CONTROL**  
**Monthly Report for March 2019 Board Meeting**

In the month of February the Fisheries Department has been making preparations for the upcoming season. All seine nets, water pumps and trucks have been serviced and quality checked. By the third week of March we are anticipating moving fish from our predatory exclusion ponds to our open grow out ponds. The Fisheries Department also continues to conduct maintenance around the facility including cleaning and organizing work trucks, utility vehicles and cleaning the fisheries building.

3.585 pounds of fish were used in the month of February. The Field technicians have begun to visit their known dirty pools and historic spring sources. We are expecting March to be very busy with fish usage for known pool sources. Daily activities such as water quality testing, medical treatments and tank cleaning were also performed to maintain high quality fish.

Log of Treatment Applied

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Applic Rate</u>	<u>Treatments</u>
Mosquitofish	3.585 lbs.	3.76Acres	.39lb/acre	29
Guppies	0 lb.	0 Sqft	lb. /acre	0

Fish Plants by Crew

Fisheries-1 lbs., North Sac-1.735 lbs., South Sac-0.85 lbs., Yolo-0 lbs.

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
24,990.00	10,494.35	14,494.35	42%

Running total of fish usage for 2019

Fisheries-1 lbs., North Sac- 4.3 lbs., South Sac-1.55 lbs., Yolo-1 lbs., Eco-lbs.



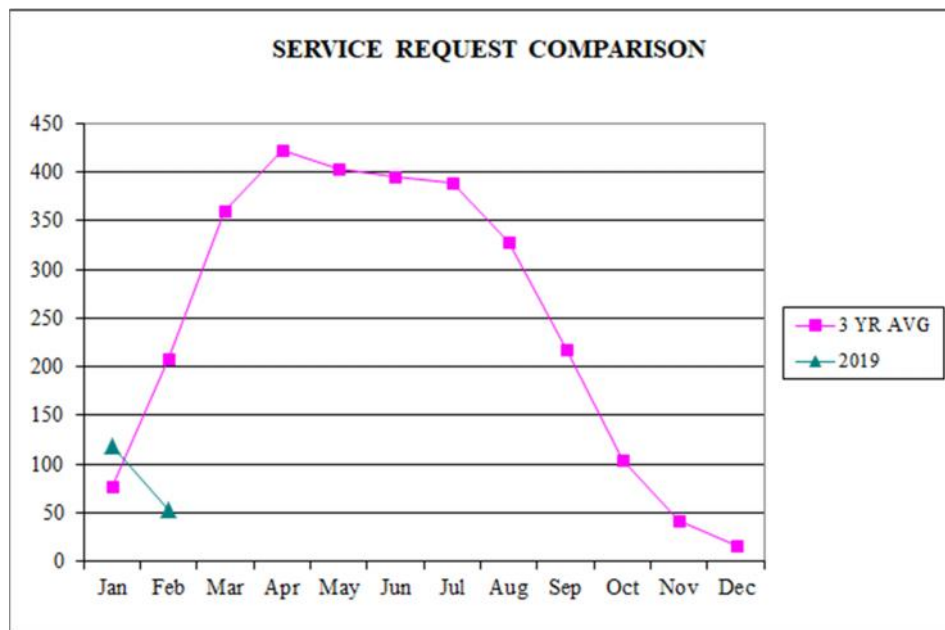
We had some heavy rains and minor flooding on our facility requiring us to run pumps and level off ponds.



## CONTROL OPERATIONS Monthly Report for March 2019 Board Meeting

Consistent rains have kept Control operations staff on site for the month of February to get a lot of inhouse projects completed. Sacramento and Yolo crews have been making WSP packets. Catch Basin maps are being updated and transferred to digital files. The rain and cooler temperatures have decreased service requests for mosquito activity. Crews have been able to continue work on brush projects during breaks in the rain. Annual pesticide training is scheduled for March followed by fire extinguisher training.

The District has made job offers to two new field technicians who will be starting April 2nd. One will be assigned to the South Sacramento crew and the other to the Catch Basin crew.



<b>Larvicide Applications thru February 28<sup>th</sup></b>				
<u>Locations/Roles</u>	<u>2019</u>		<u>2018</u>	
	<u>Treatments</u>	<u>Acres</u>	<u>Treatments</u>	<u>Acres</u>
Sacramento County	85	30.1	252	43.4
Sac County Aerial	Orders	0	Orders	0
Yolo County	1	0.04	14	0.5
Yolo County Aerial	0 Orders	0	0 Orders	0
CB Treated	0	--	0	--
CB Inspected -not treated	0	--	0	--

<b>Aerial Adulticide Summary thru February 28<sup>th</sup></b>				
<u>County</u>	<u>2019</u>		<u>2018</u>	
	<u># Applications</u>	<u>Acres</u>	<u># Applications</u>	<u>Acres</u>
Sacramento Ag	0	0	0	0
Sacramento Urban	0	0	0	0
Yolo Ag	0	0	0	0
Yolo Urban	0	0	0	0
<b>Totals</b>		<b>0</b>		<b>0</b>

**VDCI Summary through February 28<sup>th</sup>, 2019** **compared to: 2018**

Contract Acres (our portion) =	530,000	530,000
Acres used =	0	0
Acres remaining =	(530,000)	(530,000)
% Acres used =	0%	0%
% Acres remaining =	100%	100 %

San Joaquin County MVCD has used 0 acres of their 190,000 acre contract commitment.

Placer MVCD has used 0 acres of their 100,000 acre commitment.

Turlock MAD has used 0 acres of their 180,000 acre commitment.

## **PUBLIC INFORMATION AND EDUCATION Monthly Report for March 2019 Board Meeting**

### **Events:**

The 2019 community outreach and event season is upon us. Over the past weeks we've received applications to return as sponsors for many community events. We've been gathering information and have put together the list of events where we will set up our informative and educational booth. The list of events was disseminated to staff who have signed up to work the various event shifts. The first two large community events scheduled for March include Earth Fest at the Sacramento Zoo and Pet-a-palooza, a unique event targeting dog owners where we will be able to disseminate valuable information about the importance of dog heartworm prevention.

### **Advertising**

Planning for the 2019 advertising and media buy has begun. Upon approval of the advertising budget we have moved forward with our media consultant Benjamin/Luken who is working on a media strategy and a draft advertising plan. Currently we are evaluating demographic information as well as reviewing ratings and pricing for the various radio and television stations to better reach our target audience. We have also been meeting with station account executives and media vendors as well as reviewing proposals for the upcoming campaign. A plan that includes a wide mix of advertising outlets will be put together and implemented to kick off Mosquito Awareness Week in April.

### **Fight the Bite Contest**

The 2019 annual Fight the Bite Contest is underway. Fliers were approved by the various school districts and sent out to the participating schools. The contest is being promoted on social media, at classroom presentations and also by emailing past teachers who have submitted entries as well as contacting schools that consistently submit entries. The contest deadline is April 3<sup>rd</sup> and some entries have already been received.

### **Government affairs:**

As part of our government affairs and outreach to local elected officials, we have been reaching out to all city councils to set up our annual update given by Gary Goodman. Upcoming dates include:

April 16: Woodland  
April 23: Sacramento County  
April 24: Elk Grove  
May 23: Citrus Heights



# **Sacramento-Yolo Mosquito and Vector Control District**

## **March 19, 2019 Board Meeting**

4. **Closed Session- Provide Instruction to Designated Labor Representatives (Gov. Code s. 54957.6-Labor Negotiations)**  
**Agency Designated Representatives : [Gary Goodman, Janna McLeod, Samer Elkashef, Chris Voight]**  
**Employee Organization: [Operating Engineers Local Union #3]**

