

SACRAMENTO-YOLO
MOSQUITO & VECTOR
CONTROL DISTRICT

MARCH 17, 2020

BOARD OF TRUSTEES
REGULAR MEETING

BOARD PACKET

10:00 A.M.

8631 Bond Road
Elk Grove, CA 95624

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

8631 Bond Road
Elk Grove, CA 95624

**AGENDA
March 17, 2020
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.

CALL TO ORDER:

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

1. Items for Approval by General Consent:

- a. **Minutes of the February 18, 2020 Board of Trustees Meeting**
- b. **Expenditures for February 2020**
- c. **Board Consideration to Surplus District Property**

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 MVCAC Annual Conference Attendees**
- c. **Reports from MVCAC Legislative Attendee**
- d. **Reports from District Departments**
 - **Lab/Surveillance**
 - **Ecological Management**
 - **Biological Control**
 - **Larval and Adult Control**
 - **Public Outreach**

4. **Board Review and Consideration of AMCA Annual Conference Fees**
5. **Closed Session- Public Employment (Government Code Section 54957) – Field Technician**
6. **Board/Staff General Discussion**
7. **Adjournment**

Sacramento-Yolo Mosquito and Vector Control District

March 17, 2020 Board Meeting

1. Items for Approval by General Consent:

- a. Minutes of the February 18, 2020 Board of Trustees Meeting;
- b. Expenditures for February 2020;
- c. Board Consideration to Surplus District Property.

Recommendation:

Approve the Items by General Consent

**MINUTES OF THE FEBRUARY 18, 2020
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:

Jayna Karpinski-Costa	President	Citrus Heights
Craig Burnett	Vice President	Folsom
Gar House	Secretary	Winters
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
Marcia Mooney		Galt
Vacant		Isleton

TRUSTEES ABSENT:

Christopher Barker	Davis
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LEGAL COUNSEL:

Jennifer Buckman

STAFF PRESENT:

Gary Goodman	Manager
Janna McLeod	Administrative Manager
Marcia Reed	Laboratory Director
Steve Ramos	Program Coordinator
Marty Scholl	Ecological Management Supervisor

CALL TO ORDER

The meeting was called to order at 10:00 a.m. by President Jayna Karpinski-Costa.

Roll Call

Trustee Christopher Barker was absent; however, a quorum was present. Trustee Rosemarie Moore resigned last month and an appointment to fill the vacancy has not yet been made by the City of Isleton.

Pledge of Allegiance

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

1. ITEMS FOR APPROVAL BY GENERAL CONSENT

On a motion by Trustee Burnett seconded by Trustee Denny, the Board voted to approve General Consent Items a. through d. The motion passed by the following vote: Ayes: 11, Noes: 0, Absent: 1.

- a. Minutes of the January 21, 2020 Board of Trustees Meeting;
- b. Expenditures for January 2020;
- c. District Investment Report for Period Ending December 31, 2019;
- d. Board Consideration of Surplus District Property.

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. REPORTS TO THE BOARD

a. Manager's Report:

District staff is taking earned vacation time and completing annual training during this time of year. Staff has submitted the National Pollutant Discharge Elimination System (NPDES) Annual Report to the State Water Resources Control Board. Staff did an excellent job with their presentations at the MVCAC Annual conference in San Diego. The District gave ten talks at the meeting and moderated two symposiums. The MVCAC Spring Quarterly meeting will be held on March 2nd -4th in conjunction with the Annual Legislative Day in Sacramento. The MVCAC is trying to ensure that we visit all of our state legislators so we may be making visits to other Districts representatives if needed. Our main concern will be focused on securing funding for the CalSurv Gateway again. The last day for bill introduction is February 21st. The MVCAC is not currently sponsoring any legislation. The American Mosquito Control Association's (AMCA) Annual Legislative Days will be May 11th – 13th in Washington DC. Funding for the Centers for Disease Control (specifically within the Tick ACT), United States Fish and Wildlife Service Mosquito Control Practices and NPDES issues will again be the main ask of our federal legislators. Our Vector Control Joint Powers Authority (VCJPA) has their annual workshop on February 27th and 28th. Janna McLeod will be attending on behalf of the District. Please be advised that you will need to submit your Conflict of Interest Form 700 prior to April 2020.

b. Reports from Trustees Attending the MVCAC Annual Conference:

Trustee Gar House attended his second conference. He attended several presentations on subjects including treated chicken feed for control of Culex mosquitoes, tick-borne diseases, Aedes mosquito surveillance and *Wolbachia* releases, School aged education, and media relations. Trustee House was impressed by District staff presentations including those made by Luz Robles, Samer Elkashef and Deborah Dritz.

Trustee Ray LaTorre reported on his attendance at the conference. Trustee LaTorre discussed the presentation from Greater LA on their Aedes response and surveillance. Their goal at service requests and inspections is to educate the homeowner on draining and removing potential backyard sources. Homeowners who implement the tips and tricks taught to them may eliminate the need for staff to physically return to the residence for a follow up or a future service request allowing field staff to attend to other areas in need.

Trustee Bruce Eldridge attended the conference and reported that he found the talks and presentations informational and really enjoyed the presentation by Vicki Kramer with the California Department of Public Health (CDPH). The Reeve's Award was presented at conference and well deserved by the recipients.

Trustee Susan Maggy reported on her attendance at the conference including presentations she attended on Spas and Aedes mosquitoes, kissing bugs, feral pigs and an update from the AMCA. Trustee Maggy was impressed with our staff who were professional, calm and collected throughout their talks. Trustee Maggy discussed Social Media outreach and the challenges associated with educating the public through a variety of media and reducing homeowner visits in areas where Aedes mosquitoes have been established.

Trustee Lyndon Hawkins attended the conference and discussed Outreach efforts including what Districts are doing with their planning efforts to address and raise awareness of Invasive Aedes. He talked about how to teach residents what they can do around their homes and neighborhoods to increase prevention and education while reducing breeding sources. He also talked about stormwater catching devices, water retention/detention and the types of systems that are better than others at reducing or preventing mosquito breeding within these systems.

Trustee Jayna Karpinski-Costa attended the conference. She discussed the various presentations she attending including the Trustee Business Session, Ivermectin in backyard chicken feed, Kissing Bugs and Feral Pigs in Dublin. She liked and appreciated that many of the presenters provided a "take home message" at the end of their presentations.

b. 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 discussed department activities including mosquito abundance, Encephalitis virus surveillance (EVS), Tick and Lyme disease surveillance, studies and collaborations. Culex mosquito abundance is down as expected for this time of year. *Anopheles freeborni* numbers are up as the weather starts to warm and they look for their first meals after the winter months. Invasive Aedes have not been detected since November 16th with traps being checked weekly. Tick surveillance has begun with 20 locations being monitored for the presence of *Ixodes pacificus* ticks. Results of the Sugar Bait project will be presented at the AMCA conference. Trials for this coming season are in the planning stages with both lab and control personnel participating.

Ecological Management: Ecological Management Supervisor, Marty Scholl discussed department activities including Stormwater, Drainages and Planning Program, Unmanned Aerial Systems (UAS) Program and Wetland Program. Staff will be attending a workshop for Waters of the US hosted by the US Army Corps of Engineers. Staff attended a one day UAS workshop hosted by CalTrans and the US Department of Transportation. UC Davis met with staff to request our facility be a part of the Pesticide Regulatory Education Program they are coordinating for the Federal Environmental Protection Agency (EPA). Marty will be presenting to the California Central Valley Wetland Managers Meeting on March 4th on "Using Drones for Mosquito Control".

Biological Control: Fisheries Supervisor, Tony Hedley provided a written report.

Larval and Adult Control: Program Coordinator, Steve Ramos discussed department activities including winter projects, maintenance and training. Technicians have been working on winter projects including the set-up of the new library trailer. Vehicle and Equipment inspections and calibrations are being performed for the upcoming season. Service request numbers are normal for this time of year. Catch Basin technicians are updating maps that will show typically wet basins vs. dry basins to help maximize their time in the field. Steve visit Greater LA with Marcia where they got to see how they handle their Aedes surveillance and associated service requests and inspections.

Public Outreach: Public Information Officer, Luz Robles provided a written report.

4. BOARD REVIEW AND CONSIDERATION OF \$280,000 TO FUND THE PUBLIC OUTREACH ADVERTISING PLAN FOR THE 2020 MOSQUITO SEASON

Manager Goodman presented the item and was available to answer questions. On a motion by Trustee DeAnda seconded by Trustee LaTorre, the Board voted to approve the 2020 Advertising Plan not to exceed \$280,000. The motion passed by the following vote: Ayes: 11, Noes: 0, Absent: 1.

5. BOARD REVIEW AND CONSIDERATION TO PURCHASE REPELLENT FOR THE PUBLIC OUTREACH ADVERTISING PLAN NOT TO EXCEED \$70,000

Manager Goodman presented the item and was available to answer questions. On a motion by Trustee Denny seconded by Trustee Eldridge, the Board voted to approve the purchase if Ben Deet repellent wipes not to exceed \$70,000. The motion passed by the following vote: Ayes: 11, Noes: 0, Absent: 1.

6. CLOSED SESSION- PUBLIC EMPLOYMENT (Government Code § 54957) – FIELD TECHNICIAN

At 11:31am President Karpinski-Costa adjourned the Regular Meeting to go into the Closed Session for Item 6. The Board returned to Open Session at 11:56 am with nothing to report from the Closed Session.

7. BOARD/STAFF GENERAL DISCUSSION

AMCA Conference is March 16th – 20th

Due to AMCA conflicting with the Regular Board Meeting on March 17th the District is considering cancelling the meeting.

The MVCAC Quarterly Meeting will be held in Sacramento March 2nd through 4th, with the Legislative Day taking place on March 4th at the Capital.

The first draft of the 2020-2021 Fiscal Year Budget will be brought to the Board in May

The Regular Board Meeting on April 21st will be rescheduled to Monday, April 20th due to schedule conflicts.

Form 700 is due by April 1st

8. ADJOURNMENT

The meeting adjourned at 12:35 pm.

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I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the February 18, 2020 meeting.

Gary Goodman, Manager

Approved as written and/or corrected by the Board of Trustees at the March 17, 2020 meeting.

Gar House, Board Secretary

February 2020 Check Register
Activity From: 2/1/2020 to 2/29/2020
Sacramento Yolo MVCD (SYC)

Check Number	Check Date	Vendor Number	Name	Check
Bank Code: U US Bank				
053525	2/3/2020	0000053	Brad Donaldson	43.41
053526	2/3/2020	0000093	Capitol Park	43.41
053527	2/3/2020	0000095	Carmichael Park	40.58
053528	2/3/2020	0000640	County of Yolo Maintenance Yard	41.33
053529	2/3/2020	0000150	Davis Cemetary	38.63
053530	2/3/2020	0000171	Donny Braninburg	VOID
053531	2/3/2020	0000206	Folsom Water Treatment	43.41
053532	2/3/2020	0000208	Fox 40 KTXL	43.41
053533	2/3/2020	0000219	Gary Goodman	190.57
053534	2/3/2020	0000224	Gramercy Court	43.41
053535	2/3/2020	0000230	Hans Abplanalp	131.63
053536	2/3/2020	0000272	KCRA TV 3	141.10
053537	2/3/2020	0000290	Leona Beaver	138.27
053538	2/3/2020	0000335	Nakahara Farms	131.63
053539	2/3/2020	0000341	Natomas Mutual Water Co	43.41
053540	2/3/2020	0000343	Nature Conservancy Cosumnes River	138.27
053541	2/3/2020	0000381	Rancho Murieta Association	43.41
053542	2/3/2020	0000382	Randy Johnson	43.41
053543	2/3/2020	0000386	Raymond Coupe	138.27
053544	2/3/2020	0000439	Schene Enterprises	134.33
053545	2/3/2020	0000463	Steve Simunich	138.27
053546	2/3/2020	0000524	Virginia Lamb	138.27
053547	2/4/2020	0001495	David Smith	407.39
053548	2/4/2020	0000504	US Bank	20,251.94
053549	2/6/2020	0000018	ANDKO Building Maintenance Inc.	2,777.94
053550	2/6/2020	0001274	Barber & Gonzales LLC	2,664.40
053551	2/6/2020	0001011	Buckmaster Office Solutions	114.08
053552	2/6/2020	0001019	Cintas Corporation	1,793.02
053553	2/6/2020	0000116	City of Woodland	24.00
053554	2/6/2020	0000117	City of Woodland	352.99
053555	2/6/2020	0000126	Complete Welders Supply Inc	1,146.26
053556	2/6/2020	0000128	Consolidated Communications	2,899.00
053557	2/6/2020	0000148	Darwin Chambers Company	1,247.03
053558	2/6/2020	0000200	Fastenal Company	228.36
053559	2/6/2020	0000223	Grainger	51.87
053560	2/6/2020	0001233	Grow West	1,314.38
053561	2/6/2020	0000240	Hunt & Sons Inc	312.27
053562	2/6/2020	0000277	Kimball Midwest	962.49
053563	2/6/2020	0000497	Magnegas Welding Supply - West	84.75
053564	2/6/2020	0000306	Maita Chevrolet	121.38
053565	2/6/2020	0000557	Martin Electric	3,166.77
053566	2/6/2020	0000356	OReilly Automotive Stores Inc	225.92
053567	2/6/2020	0000367	PG & E	3,707.20
053568	2/6/2020	0000388	Republic Services #922	92.00
053569	2/6/2020	0001012	Riebes Auto Parts	387.56

053570	2/6/2020	0000391	River City Fire Equipment	2,208.64
053571	2/6/2020	0000451	SMUD	3,679.72
053572	2/6/2020	0001234	T-Mobile	587.10
053573	2/6/2020	0000492	Top Rank Heating Air Conditioning Inc	842.49
053574	2/6/2020	0000522	Verizon Wireless	2,462.60
053575	2/6/2020	0000526	VWR International Inc	10,236.25
053576	2/6/2020	0001471	Walker's Office Supply	102.90
053577	2/6/2020	0000529	Waste Management	164.96
053578	2/14/2020	0000076	CA Dept.of Fish and Wildlife	400.00
053579	2/18/2020	0000267	Kaiser Foundation Health Plan	23,068.57
053580	2/18/2020	0000267	Kaiser Foundation Health Plan	18,307.04
053581	2/18/2020	0000267	Kaiser Foundation Health Plan	3,075.79
053582	2/18/2020	0000357	P & A Administrative Services Inc	99.00
053583	2/18/2020	0000373	Preferred Benefit Ins Administrators	8,550.60
053584	2/18/2020	0000492	Top Rank Heating Air Conditioning Inc	10,589.50
053585	2/18/2020	0000531	Western Health Advantage	5,184.47
053586	2/18/2020	0000531	Western Health Advantage	3,985.81
053587	2/18/2020	0000957	Sutter Health Plus	8,459.87
053588	2/18/2020	0000969	Raymond LaTorre	37.17
053589	2/20/2020	0000014	Alhambra & Sierra Springs	318.06
053590	2/20/2020	0000034	AutoZone Inc	152.92
053591	2/20/2020	0000038	Bartkiewicz Kronick & Shanahan	1,290.18
053592	2/20/2020	0000062	CA Department of Fish & Game Sac. Valley	66.44
053593	2/20/2020	0000126	Complete Welders Supply Inc	290.15
053594	2/20/2020	0000186	Elk Grove Water District	538.52
053595	2/20/2020	0000240	Hunt & Sons Inc	219.25
053596	2/20/2020	0000277	Kimball Midwest	308.03
053597	2/20/2020	0000308	Mann Urrutia Nelson CPAs & Assoc LLP	300.00
053598	2/20/2020	0000367	PG & E	1,779.92
053599	2/20/2020	0000391	River City Fire Equipment	737.50
053600	2/20/2020	0000403	Sac Ice	929.85
053601	2/20/2020	0000413	Sacramento County Utilities	960.54
053602	2/20/2020	0000454	Spark Creative Design	433.80
053603	2/20/2020	0000461	Stericycle Inc	80.71
053604	2/20/2020	0000475	Target Specialty Products	233.28
053605	2/20/2020	0000505	US Bank Equipment Finance	102.36
053606	2/20/2020	0000526	VWR International Inc	436.14
053607	2/20/2020	0000534	Wiley Price & Radulovich	3,219.00
053608	2/20/2020	0000958	GreatAmerica Financial Services	372.82
053609	2/20/2020	0001011	Buckmaster Office Solutions	505.01
053610	2/20/2020	0001019	Cintas Corporation	175.31
053611	2/20/2020	0001054	Employment Development Dept	1,855.00
053612	2/20/2020	0001471	Walker's Office Supply	161.57
053613	2/20/2020	0001497	Pure Water Partners	210.12
053614	2/28/2020	0000043	Benefit Coordinators Corporation	3,297.97
053615	2/28/2020	0000084	CA State Disbursement Unit	350.00
053616	2/28/2020	0000339	Nationwide Retirement Solutions	1,550.00
053617	2/28/2020	0000339	Nationwide Retirement Solutions	4,150.00
053618	2/28/2020	0001035	Operating Engineers Local Union No. 3	1,206.00
W00125	2/28/2020	0000176	EDD	15,173.17
W00126	2/28/2020	0000561	United States Treasury	56,042.63
W00127	2/28/2020	0000087	CalPERS Financial Reporting & Accounting	78,067.63
W00129	2/28/2020	0000086	CalPERS 457 Plan	20,894.13
Bank U Total:				344,671.92

Report Total: 344,671.92

I hereby authorize the use of my signature plate on
the above-listed warrants,053525-053618, and EFTs W00125-W00129*

Signature	Date
Raymond LaTorre, 2019 President of the Board	

Signature	Date
Jayna Karpinski-Costa, 2020 President of the Board	

**The President's Signature was switched part way through the month requiring both signers on this Register*

S.Y.M.V.C.D
FY 2019-2020 Budget Update
February 2020

	Account #	Account Description	8 Months Ended February 29, 2020	FY 19-20 Annual Budget	Unused
T	4000	REVENUE	\$ -	\$ -	\$ -
T	5000	SALARIES/BENEFITS/WC	\$ 6,343,740.76	\$ 8,579,233.79	\$ 2,235,493.03
T	5200	OPERATIONAL	\$ 3,903,801.42	\$ 6,190,059.00	\$ 2,286,257.58
T	5210	LIABILITY INSURANCE	\$ 145,617.00	\$ 150,854.00	\$ 5,237.00
T	5250	AUDITING/FISCAL	\$ 16,000.00	\$ 17,750.00	\$ 1,750.00
T	5270	COMMUNICATIONS	\$ 48,779.79	\$ 79,500.00	\$ 30,720.21
T	5310	PUBLIC INFORMATION	\$ 162,556.71	\$ 465,500.00	\$ 302,943.29
T	5340	STRUCTURE & GROUNDS	\$ 86,752.82	\$ 65,000.00	\$ (21,752.82)
T	5370	MEMBER/TRAINING	\$ 75,456.40	\$ 113,000.00	\$ 37,543.60
T	5390	DISTRICT OFFICE EXPENSES	\$ 12,577.33	\$ 15,000.00	\$ 2,422.67
T	5430	PROFESSIONAL SERVICES	\$ 103,452.51	\$ 198,250.00	\$ 94,797.49
T	5440	MATERIALS & SUPPLIES	\$ 6,805.99	\$ 10,000.00	\$ 3,194.01
T	5450	RENTS & LEASES	\$ 7,263.91	\$ 11,550.00	\$ 4,286.09
T	5470	SAFETY PROGRAM	\$ 1,210.00	\$ 5,000.00	\$ 3,790.00
T	5480	UTILITIES	\$ 67,260.21	\$ 110,000.00	\$ 42,739.79
T	6120	AIRCRAFT SERVICES	\$ 584,136.57	\$ 945,500.00	\$ 361,363.43
T	6140	ECOLOGICAL MANAGEMENT	\$ 4,453.42	\$ 15,200.00	\$ 10,746.58
T	6160	MICROBIAL	\$ 924,493.95	\$ 1,500,000.00	\$ 575,506.05
T	6170	BIORATIONALS	\$ 651,250.20	\$ 950,000.00	\$ 298,749.80
T	6180	INSECTICIDES	\$ 690,435.92	\$ 1,000,000.00	\$ 309,564.08
T	6220	FISHERIES	\$ 11,133.81	\$ 27,000.00	\$ 15,866.19
T	6280	GEOGRAPHIC INFO SYSTEMS	\$ 4,073.49	\$ 7,125.00	\$ 3,051.51
T	6320	INFORMATION TECHNOLOGY	\$ 24,550.36	\$ 48,200.00	\$ 23,649.64
T	6350	CONTROL OPERATIONS	\$ 9,886.06	\$ 32,430.00	\$ 22,543.94
T	6370	SHOP	\$ 57,467.00	\$ 88,000.00	\$ 30,533.00
T	6420	LAB SERVICES	\$ 122,563.86	\$ 163,200.00	\$ 40,636.14
T	6450	GAS & PETROLEUM	\$ 85,624.11	\$ 172,000.00	\$ 86,375.89
T	7000	CAPITAL ACCOUNTS	\$ 130,660.35	\$ 573,049.00	\$ 442,388.65
T	7011/1510	Capital Outlay/Construction In Progress	\$ 108,810.82	\$ 136,049.00	\$ 27,238.18
T	7030	Research Fund	\$ -	\$ 50,000.00	\$ 50,000.00
T	7035	Building Improvement	\$ 21,849.53	\$ 387,000.00	\$ 365,150.47
T		TOTALS			
T		Salaries/Benefits	\$ 6,343,740.76	\$ 8,579,233.79	\$ 2,235,493.03
T		Operational	\$ 3,903,801.42	\$ 6,190,059.00	\$ 2,286,257.58
T		Capital Accounts	\$ 130,660.35	\$ 573,049.00	\$ 442,388.65
T		Total Budget	\$ 10,378,202.53	\$ 15,342,341.79	\$ 4,964,139.26

SYC Balance Sheet
As of 2/29/2020

Sacramento Yolo MVCD (SYC)

Assets

Current Assets

Cash in Bank-FSA	51,267.01	
Cash with LAIF	8,703,929.20	
Petty Cash	600.00	
US Bank	1,047,398.37	
Accounts Receivable	(2,296.62)	
Assigned - Cash With VCJPA	1,520,371.00	
Inventory	933,041.51	
Total Current Assets:		12,254,310.47

Fixed Assets

LAND, BLDG., IMPROVEMENT	1,175,092.88	
EQUIPMENT	4,280,678.04	
BOND ROAD	5,061,395.00	
WOODLAND FACILITY	708,574.00	
ACCUMULATED DEPRECIATION	(6,650,388.20)	
Total Fixed Assets:		4,575,351.72

Other Assets

Deferred Outflows of Resources	7,419,528.00	
Deferred Outflows of Resources-GASB 75	427,109.00	
Total Other Assets:		7,846,637.00
Total Assets:		24,676,299.19

Liabilities

Current Liabilities

Accounts Payable	175,286.82	
Voluntary TL & AD&D	(643.93)	
Voluntary STD	(459.92)	
FSA Deductions	99,064.22	
P.E.R.S. Deductions	(1.04)	
Safety Program	(1,530.00)	
Accumulated Vacation	417,766.45	
Total Current Liabilities:		689,482.60

Long-Term Liabilities

Net Pension Liability	13,470,191.00	
Net OPEB Liability	1,151,973.00	
Deferred Inflow of Resources	1,197,703.00	
Deferred Inflow of Resources-GASB 75	101,685.00	
Total Long-Term Liabilities:		15,921,552.00
Total Liabilities:		16,611,034.60

Equity

INVESTMENT IN FIX ASSETS	4,575,351.96	
RESERVED CASH (INS.)	1,520,371.00	
Committed-Capital Outlay	700,000.00	
Unassigned - Dry Financing	6,000,000.00	
Retained Earnings-Current Year	(1,012,254.29)	
GENERAL FUND	(5,718,204.08)	
Committed - Vector/Disease Response	2,000,000.00	
Total Equity:		8,065,264.59
Total Liabilities & Equity:		24,676,299.19

1. Items for Approval by General Consent:

- d. Board Consideration to Surplus District Property

The District would like to surplus the items below and will dispose/recycle and or sell the items.

Lab

- Thirty-five (35) New Jersey Light Traps

Recommendation:

Approve the items for surplus

Sacramento-Yolo Mosquito and Vector Control District

March 17, 2020 Board Meeting

3. Reports to the Board

a. Manager's Report

b. Reports from MVCAC Annual Conference Attendees

c. Reports from MVCAC Legislative Attendee

d. 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 was held on March 4th, 2020. Sean Denny and the Manager made visits to our local offices. The MVCAC is very active in pursuing continued funding for the Gateway program along with funding to help support novel techniques in the fight to control aedes populations statewide. We also discussed the current state of mosquito control in California and potential expectations for the upcoming year. I have included a copy of our legislative asks in the report.

The AMCA annual conference in Portland was cancelled due to the growing concerns regarding COVID-19. It was a difficult decision for the AMCA Board to make, but the health and welfare of our membership during the time of uncertainty surrounding this new virus was the motivating factor.

The District has been active in tracking the impact that COVID-19 would have on District operations. We have advised staff to follow all appropriate public health guidelines to help protect against transmission. We will continue to monitor the situation as things change and will follow the advice of those professionals that are responsible for the protection of public health (CDC, CDPH, and local Health Officers). We do not anticipate major interruptions to our operations, and will do our best to continue our work where possible.

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. Janna McLeod attended on behalf of the District. Our

VCJPA is in a good financial position overall and the District continues to have minimal claims.

The AMCA Washington Conference will be held on May 11-13. Sean Denny and the Manager will represent the District.

b. Reports from MVCAC Annual Conference Attendees

c. Reports from MVCAC Legislative Attendee

d. 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)**



MVCAC
Mosquito and Vector Control Association of California

Legislative Day Key Messages March 4, 2020

Mosquito and Vector Control Is Critical for Protecting Public Health

- Worldwide, mosquito-transmitted diseases contribute to the death of nearly one million people every year and sicken millions more. In the U.S. mosquitoes transmit more than half a dozen viruses, including West Nile (WNV) and St. Louis encephalitis viruses.
- There are no human vaccines for West Nile, St. Louis encephalitis, dengue, chikungunya, or Zika viruses, which are costly to treat and can have long-term health and financial consequences.
- Mosquito control and public health professionals need tools and adequate resources to combat the spread of mosquito-borne diseases and protect public health.

Districts Across the State are Facing Unprecedented Challenges

- Global warming has facilitated the spread of two invasive mosquito species, *Aedes albopictus* and *Aedes aegypti*, throughout the state. Invasive *Aedes* are vectors of Zika, dengue, chikungunya, yellow fever, West Nile virus, and dog heartworm.
- Now in 16 counties in California invasive *Aedes* exploit small and cryptic water sources and have shown resistance to many commonly used insecticides, limiting the efficacy of traditional control approaches and increasing the need for innovative ways to treat this difficult-to-manage species.
- With over 6.5 million international travelers arriving at California ports of entry each year, the potential for local transmission of imported diseases in the state is increasing.

Mosquito Control Needs Exceed Available Resources: State Support Is Desperately Needed

Funding to Sustain and Grow CalSurv:

- For the small sum of \$500,000 annually, the state can fund cutting-edge surveillance research by investing in CalSurv Gateway which serves 81 mosquito and vector control and public health agencies in California.
- CalSurv provides tools for real-time data collection, visualization, and analysis that allows agencies to make informed decisions on interventions to protect public health. It tracks disease-spreading mosquitoes – where they are, where they've been, where they may appear in the future, and where new diseases might be emerging.

- In the 2018-19 state budget, there was a one-time provision of \$500,000 directly to UC Davis for CalSurv Gateway that is being used to support staffing, develop maps and research tools, and maintain software services. This funding will run out in June 2020. Without additional funding, the future of CalSurv is in jeopardy, putting public health at risk. Specifically, we are asking for a \$500,000 annual budget allocation to sustain and grow CalSurv.

[Especially important to emphasize MVCAC's budget funding request for CalSurv if you are meeting with members of a Budget Sub-Committee - see list below]

Funding to Combat Invasive Aedes:

- MVCAC will be seeking funding to support our members whose budgets have been hit hard by the spread of invasive *Aedes*. These species put an enormous strain on mosquito control districts' budgets; for example, one Southern California district's annual operational expenses increased by 34% as a result of the introduction of invasive mosquitoes.
- Federal funding that supported enhanced *Aedes* surveillance, control, and education has expired and districts need additional state support in order to combat prevent future disease epidemics and improve the quality of life for Californians.
- We are still exploring what amounts and treatments are feasible and will keep you and your office updated throughout the budget process.

Follow up After Leg Meetings:

- Send a thank you note with a link to the MVCAC webpage that has the collateral materials and digital story map: <https://www.mvcac.org/advocacy-and-legislation/resource-materials/>

Important Budget Sub-Committees:

Senate Budget Sub-Committee on Health and Human Services

- Senators Richard Pan (Chair) and Melissa Hurtado

Senate Budget Sub-Committee on Resources, Environmental Protection, Energy and Transportation

- Senators Bob Wieckowski (Chair), Brian Jones, Mike McGuire, Bill Monning, Henry Stern

Assembly Budget Sub-Committee on Health and Human Services

- Assemblymembers Joaquin Arambula (Chair), Jim Frazier, Devon Mathis, Jim Patterson, James Ramos, Blanca Rubio, and Jim Wood

Assembly Budget Sub-Committee on Resources and Transportation

- Assemblymembers Richard Bloom (Chair), Vincent Fong, Cristina Garcia, Kevin Mullin, Jim Patteron, Eloise Gómez Reyes, and Luz Rivas

LABORATORY

Monthly Report for March 2020 Board Meeting

Insectary:

Colonies maintained: *Culex tarsalis* Kern National Wildlife (susceptible)
Culex tarsalis Conaway Ranch – wild (resistant)
Culex quinquefasciatus Cq1 (susceptible)
Culex pipiens Woodland (resistant)
Culex pipiens f. molestus - wild - Sacramento County
Aedes sierrensis wild - Marin - Sonoma County (in egg form)

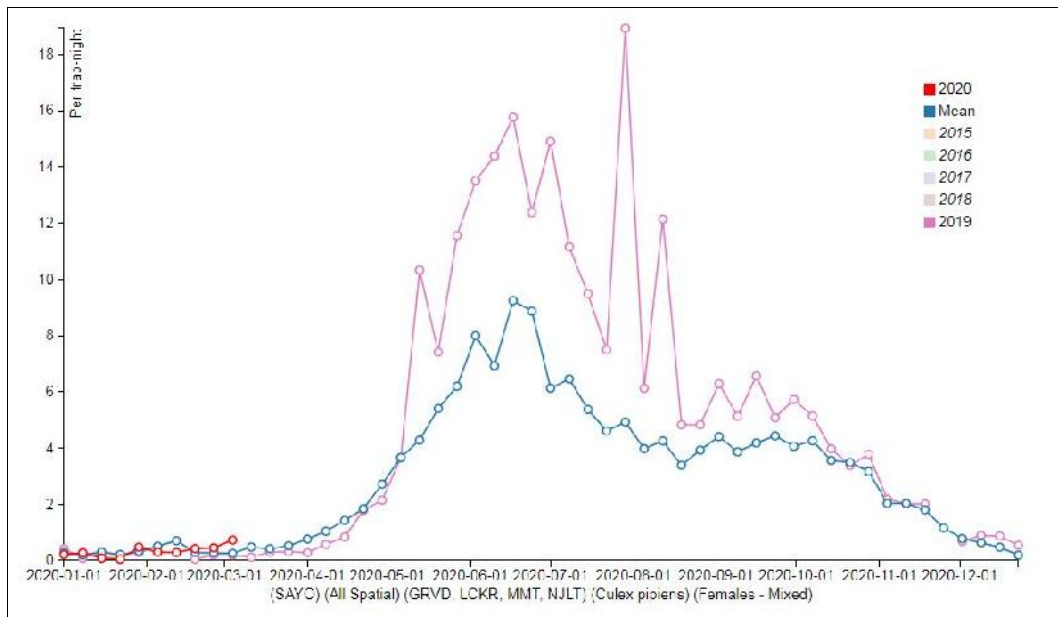
Lab Modification Update:

We will be installing the furniture and fixtures in the new molecular lab at the end of March. In addition, all books and journals have been placed in the new library building.

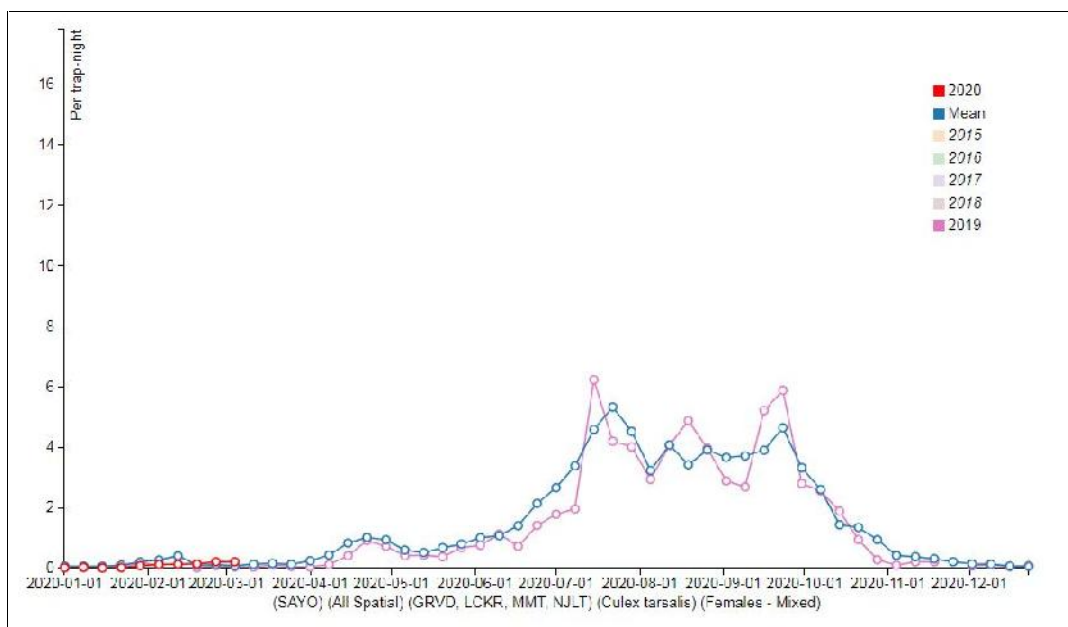
Surveillance:

- **Weekly collections** – New Jersey Light traps (NJLTs), Locker CO₂ Traps (LCKRs) and Gravid traps (GTs) results are presented in the graphs below. Abundance is low as is usual for the winter months, although *Culex pipiens* numbers are slightly higher than both the five year mean and last year.

Culex pipiens in abundance traps (NJLT, LCKR, GT):



Culex tarsalis in abundance traps (NJLT, LCKR, GT):



Encephalitis virus surveillance (EVS) – Mosquitoes – We have readied all EVS equipment for the upcoming season. We are considering adding BG Sweet-lures to our EVS surveillance to increase their potential attractiveness for invasive *Aedes* mosquitoes.

Encephalitis virus surveillance (EVS) – Sentinel Chickens – Chicken arrival day is April 23rd. We will be picking up our chickens in Modesto and delivering them after baseline bleeds to our five flock sites. We will also have replacement chickens available in our Bond Rd mosquito-proof coop if they are needed during the season. During the season, any chickens that seroconvert are removed and replaced.

Encephalitis virus surveillance (EVS) – Dead Birds – The dead bird hotline reopens in the spring. We will again be picking up and testing dead birds reported to the hotline.

Invasive *Aedes* spp. Surveillance – We have not yet detected any *Aedes aegypti* activity in Citrus Heights this year. We are picking up trap baskets weekly at our ten surveillance sites.

Tick and Lyme disease surveillance – We have begun our tick surveillance program for this winter. There are 20 locations which are monitored for the presence of *Ixodes pacificus* ticks. Pools (samples) of these ticks will be tested for *Borrelia burgdorferi*. We have currently found three positive pools from two sites. The pools were all from the American River corridor, near Folsom.

BG Counter Traps – The shop has constructed four more of the security cages we use for these traps. We again plan to deploy these traps in our rice surveillance program this summer. We will also utilize some of these traps for monitoring of other mosquito habitats.

Mosquito Resistance Testing – We are developing our plans for testing wild mosquito populations against various active ingredients as well as against formulated products this season.

Non-WNV Disease Response Surveillance – In the month of February, we were not notified of any imported mosquito-borne disease cases.

District Studies –

LVL (Low Volume Larvicide) studies – We are anticipating utilizing this application method for our invasive *Aedes* response this season and are developing plans for evaluating its efficacy.

Adulticide Product Trials – Results were presented at the MVCAC annual meeting for several trials in our rice habitat. Some of these trials were comparing adulticide products while others were used for comparison to benchtop bottle bioassay results. We will be conducting trials again this season.

Sugar Bait Project – We are planning on evaluating and utilizing this new surveillance technique this spring. This technique consists of placing sugar and scent baited wicks at sites for one week duration, then testing the wicks for the presence of West Nile, Western Equine or St. Louis Encephalitis viruses.

Resistance Evaluations – We plan on beginning our season with a look at the larval resistance profiles for our larvicides in several Woodland *Culex pipiens* populations.

***Aedes aegypti* traps** – Currently, we utilize BG Sentinel traps for monitoring our Citrus Heights invasive *Aedes* populations, we plan on evaluating other trap types as well once we see activity in the spring/summer in this area.

Collaborations –

Catch Basin Residue and Resistance study – We are planning year two of this study with Dr. Gan's lab at the University of California Riverside. Several other mosquito control districts are also participating.

Additional Projects – We are currently supporting two researchers in their application for Pac-Vec Center of Excellence training grants and will be collaborating with them if they are awarded the grants.

2020 California Arbovirus Surveillance Bulletin updates will begin again in the spring

ECOLOGICAL MANAGEMENT DEPARTMENT Monthly Report for the March 2020 Board Meeting

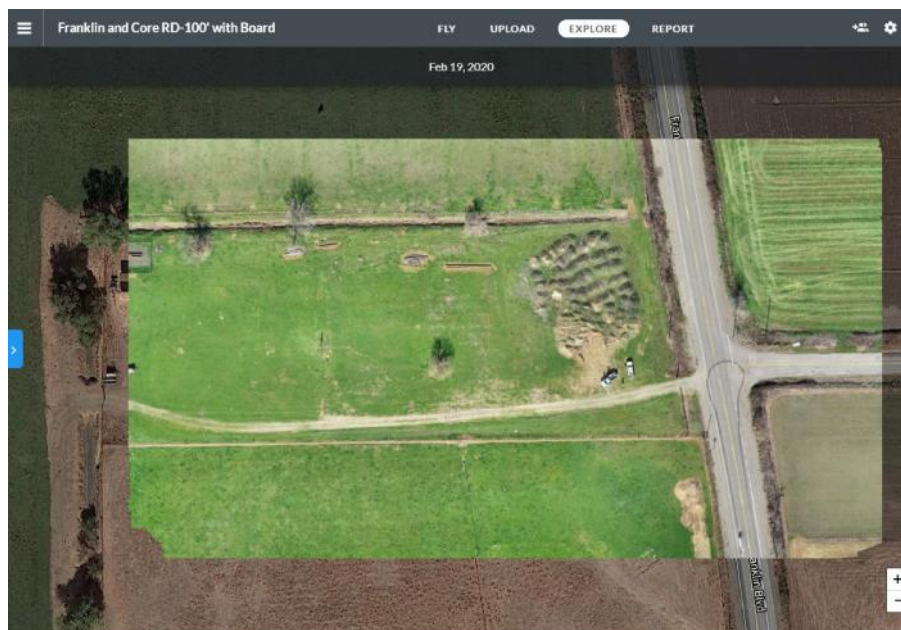
Storm Water / Drainages / Planning Program

City of West Sacramento, Bees Lakes Habitat Restoration Project: A representative from GEI Consultants in Rancho Cordova reached out to gather advice on how to prevent mosquito breeding if the City were to restore the low area located south of West Sacramento. Staff does not see any potential issues as long as routine maintenance is completed to prevent excess vegetation growth in the restored ponds.

City of Folsom, Bidwell Place Design Review: Staff submitted comments to the City requesting additional design plans and maintenance schedules for the proposed underground Stormwater quality filter system for the proposed urban infill project.

UAS Program

The City of Elk Grove GIS Department provided the locations of ground survey markers for the District to use to verify the accuracy of our UAS imagery.



Wetland Program

California Central Valley Wetland Managers Meeting: Staff presented at the Wetland Managers Meeting hosted by the United States Fish and Wildlife Service in conjunction with the California Department of Fish and Wildlife. The District provided a well-received presentation on UAS use for Mosquito and Vector Control over wetland habitats.

US Army Corps of Engineers, Regulatory Workshop on Waters of The US (WOTUS): Staff attended the latest Regulatory Workshop regarding the current definitions of WOTUS. The new definitions should take affect later this year, but will take some time for USACE to develop guidance documents.

Pool Program

Staff has received ten pools for further access or enforcement, and has sent six enforcement letters to owners of record.

BIOLOGICAL CONTROL
Monthly Report for March 2020 Board Meeting

In the month of February the Fisheries Department has ordered and received many of the departments needed equipment. As a department and with the guidance from key lab personnel the fisheries department will be involved in many projects this season including monitoring dissolved oxygen levels, crayfish trapping, ideal stocking rates and the use of mosquitofish pheromones to repel mosquito egg laying. With the lack of rain and warming temperatures the use of herbicides to control weeds around our fish rearing ponds and the Bond road facility has been performed numerous times. We have continued to run our deep well system as needed to keep water levels at desired depths and to add clean water to ponds. With most annual training and continuing education completed the focus can shift to preparing for the moving of fish from our predatory exclusion ponds to our open grow out ponds. This activity will begin as pond temperatures reach stable overnight temps of ideally 60+ Fahrenheit. Daily activities such as tank cleaning were also performed to maintain the high quality of our fish population.

Log of Treatment Applied for February

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Rate</u>	<u>Treatments</u>
Mosquitofish	21.272	105.27 Acres	.2lbs/ac	233

Log of Treatment Applied for the year 2020

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Rate</u>	<u>Treatments</u>
Mosquitofish	29.590 lbs.	131.49 Acres	.22lbs/ac	332

Fish checked out by Crew

Fisheries- lbs., North Sac-18.337lbs, South Sac-7.25 lbs., Yolo- 4.01 lbs.

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
27,000.00	18,888.99	8,111.01	70%

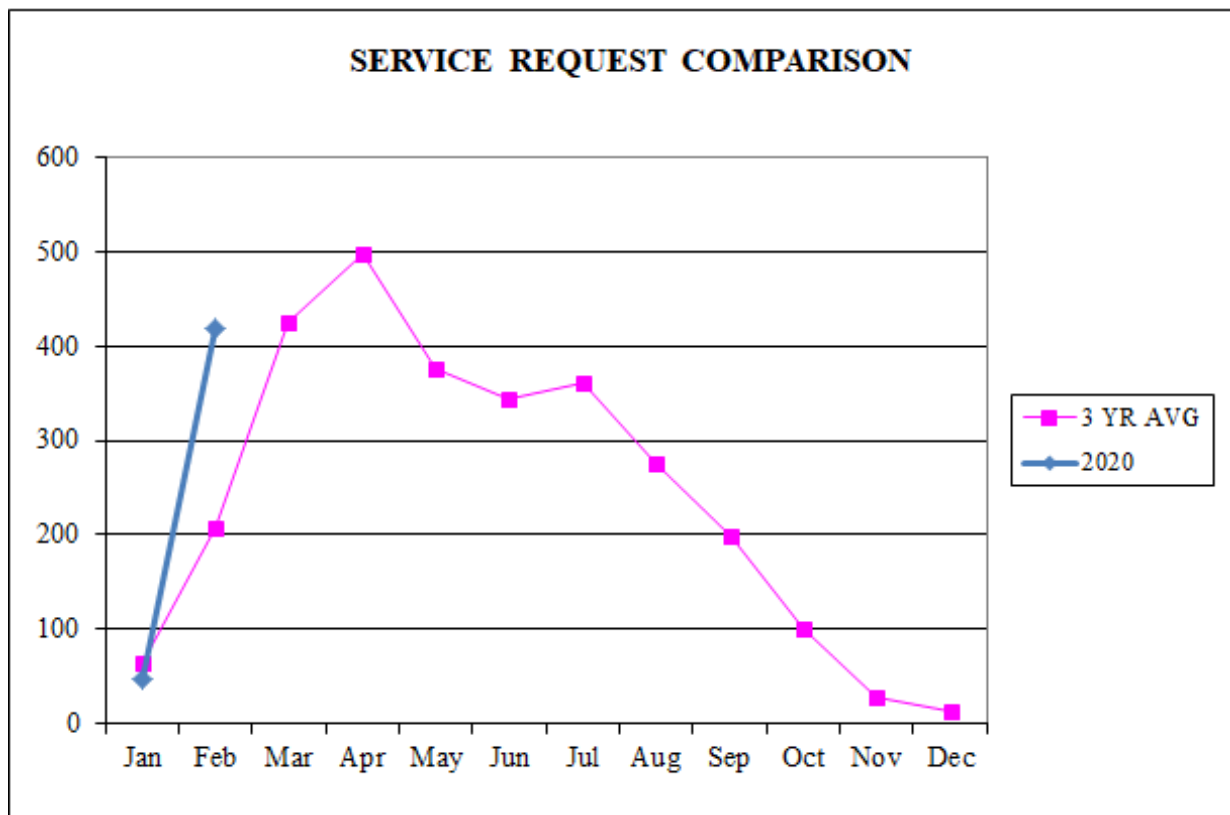
<u>Time frame</u>	<u>Pounds</u>
January 1 2017--March 1 2017	33.1 lbs.
January 1 2018--March 1 2018	29.5 lbs.
January 1 2019--March 1 2019	12.2 lbs.
January 1 2020--March 1 2020	21.27 lbs.

The majority of Mosquitofish used at this time of year are generally used for abandoned swimming pools and known spring sources.

CONTROL OPERATIONS
Monthly Report for March 2020 Board Meeting

Control operations staff have been busy responding to a high number of service requests throughout the counties. Technicians have also begun the first round of pool inspections for known swimming pools and spas. Catch basins are being inspected for larval density throughout both counties and treatments are being made as needed. Crews have been finishing brush clearing projects to open up entry to hard to access sources.

The District recently hired four new field technicians. Two of these technicians are to fill vacancies left open after recent retirements and two are to staff our nascent suburban control program with a focus on service requests and *Aedes aegypti*.



Larvicide Applications thru February 29th				
	<u>2020</u>		<u>2019</u>	
<u>Locations/Roles</u>	<u>Treatments</u>	<u>Acres</u>	<u>Treatments</u>	<u>Acres</u>
Sacramento County	186	20	85	30.1
Sac County Aerial	Orders 0	0	Orders 0	0
Yolo County	8	0.6	1	0.4
Yolo County Aerial	0 Orders	0	0 Orders	0
CB Treated	0	--	0	--
CB Inspected -not treated	0	--	0	--

Aerial Adulticide Summary thru February 29th				
	<u>2020</u>		<u>2019</u>	
<u>County</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
Totals		0		0

VDCI Summary through January 31st, 2020

compared to: 2019

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 2020 Board Meeting

School Program

The school assembly project in conjunction with Red Shoe Productions is being implemented and school assemblies have been a success. Each assembly has an average of 300 students from second to fifth grades. Assemblies include a combination of games, activities and videos. At the end of the program each participant receives an activity book and brochure to further drive key messages home.

March assemblies:

March 5: Gold River Discovery Elementary

March 13: Allison Elementary

Advertising

Planning for the 2020 advertising and media buy has begun. Upon approval of the advertising budget we have moved forward along 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 so we can make informed decisions that will allow us 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.

Events:

The 2020 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 setup our educational booths. The list of events will be disseminated to staff who will sign up to work the various event shifts.

Fight the Bite Contest

The 2020 annual Fight the Bite Contest is underway. Fliers were approved by the various school districts and sent to the individual schools. The contest is being promoted on social media, at school assemblies and also by emailing past teachers who have submitted entries as well as contacting schools that consistently submit entries. The contest deadline is April 1st and some entries have already been received.

Repellent and Materials Distribution:

We have gotten repellent requests from various community organizations including Harm Reduction Services and Mercy Peddlers that serve homeless populations. In addition, repellent and materials were also requested by the City of Galt for an upcoming event.

Sacramento-Yolo Mosquito and Vector Control District

March 17, 2020 Board Meeting

4. Board Review and Consideration of AMCA Annual Conference Fees

Staff Report:

The American Mosquito Control Association (AMCA) had to recently cancel their annual conference in Portland due to the uncertainty surrounding COVID-19 and the potential impacts travel and the meeting would have on their membership. It was a difficult decision to make and the AMCA Board enlisted advice and counsel from other public health experts to finally decide that cancellation was best for the association. Unfortunately, the cancellation of the event has led to a significant cost liability to the association. AMCA is asking interested members to waive the refund process to help minimize the financial impacts to the association caused by the cancellation.

The AMCA was founded in 1935, and is an international association of individuals and organizations interested in mosquito and other vector control. Their mission is to provide leadership, information, and education leading to the enhancement of health and quality of life through the suppression of mosquitoes and other vector transmitted diseases and the reduction of annoyance levels caused by mosquito and other vectors and pest of public health importance. The stability of the organization is critical to keep both a local and national voice on issues that we face here locally. The success of the AMCA is directly tied to our success locally. The legislative and regulatory work done by AMCA members helps shape the direction and focus of mosquito control nationally, on a state level and of course locally.

Recommendation:

Decline the refund of AMCA Annual Conference Fees totaling \$4,490.

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Sacramento-Yolo Mosquito and Vector Control District

March 17, 2020 Board Meeting

5. **Closed Session-Public Employment (Government Code Section 54957) – Field Technician**

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