

Sacramento-Yolo
MOSQUITO & VECTOR
CONTROL DISTRICT

MAY 19, 2026

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
MAY 19, 2026
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.

IMPORTANT NOTICE REGARDING VIRTUAL PUBLIC PARTICIPATION: The District currently provides in person as well as virtual public participation via the Zoom link below until further notice. The public shall have the opportunity to directly address the Board on any item of interest before or during the Board's consideration of that item. Public comment on items within the jurisdiction of the Board is welcomed, subject to reasonable time limitations for each speaker.

Zoom link and call in numbers are available at the meeting registration link on our website at <https://www.fightthebite.net/about/about-the-board/>

CALL TO ORDER:

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

1. Items for Approval by General Consent:

- a. Minutes of the April 21, 2026 Board of Trustees Meeting**
- b. Expenditures for April 2026**
- c. District Investment Report for Period Ending March 31, 2026**

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 District Departments**
 - **Lab/Surveillance**
 - **Ecological Management**

- **Biological Control**
- **Larval and Adult Control**
- **Public Outreach**

4. **Board Review and Discussion of District Plan for 2026 Rice Larvicide Applications and Aerial Adulticiding Program**
5. **Board Review and Discussion of Districts Projects and Collaborations for the 2026 Season**
6. **Board Review and Discussion of Draft District Budget for 2026-2027**
7. **Board/Staff Reports and Requests**
8. **Adjournment**

**MINUTES OF THE APRIL 21, 2026
MEETING OF THE BOARD OF TRUSTEES OF THE SACRAMENTO-YOLO
MOSQUITO & VECTOR CONTROL DISTRICT**

Location: In Person @ 8631 Bond Rd, Elk Grove, California

Time: 10:00 a.m.

Call to Order: The meeting was called to order by Board President Janell Darroch at 10:00 a.m.

Trustees Present:

Janell Darroch	President	West Sacramento
Staci Gardiner	Vice President	Isleton
William Reisen	Secretary	Yolo County
Tania Garcia-Cadena		Woodland
Craig Burnett		Folsom
Lyn Hawkins		Elk Grove
Chris Barker		Davis
Charles Duty		Sacramento County
Robert McGarvey		Rancho Cordova
Raymond LaTorre		Sacramento
Gar House		Winters
ABSENT		
Marcia Mooney		Galt
Jayna Karpinski-Costa		Citrus Heights

*Appeared Remotely

Staff Present:

Gary Goodman	Manager
Gavin Ralphs	Legal Counsel
Lisa Pelletier	Administrative Manager
Steve Ramos	Assistant Manager
Sarah Wheeler	Laboratory Director
Kevin Combo	Ecological Management Supervisor
Ken Harris	Biological Control Supervisor
Marty School	Program Coordinator

Roll Call

This meeting was in person. Attendance was taken by Roll Call.

Pledge of Allegiance

All phones and electronic devices are requested to be silenced during the Pledge of Allegiance and for the duration of the meeting.

1. Items for Approval by General Consent

- a. Minutes of the March 17, 2026 Board of Trustees Meeting
- b. Expenditures for March 2026

Trustee Barker noted a typo in the name of Herff Jones, President of AMCA, which was corrected.

Trustee Burnett moved to approve the General Consent Items and Trustee McGarvey seconded the motion. The Board voted to approve the General Consent Items. Voice vote was taken and the motion passed unanimously.

2. Opportunity for Public Comment

None

3. Reports to the Board

Manager's Report:

The Manager reported that weather has been hot and rainy. This week is Mosquito Awareness Week and the District is launching it's 2026 marketing. The District is also hiring seasonal staff. The final wave of laboratory positions will start date on 5/4/26. Management has begun budget discussions and will present a draft budget at the May meeting. The Manager anticipates an updated UAL balance soon, and hopes it will be greatly reduced or paid off. The UAL balance will determine whether the District can dedicate more funds to control and SIT.

The District is considering partnering with Mosquito Mate to provide Wolbachia infected mosquitos to the SYMVCD and local agencies. Approximately one million mosquitos would need to be produced every week. The District was quoted \$650,000 to erect a building which could be used to produce Wolbachia infected mosquitos. Currently, the District pays six cents per mosquito for the SIT program.

The Manager will attend AMCA Legislative Days May 11-15th, and will provide updates to the Board at the May meeting.

Reports from Trustees Attending AMCA Annual Meeting:

Trustee Karpinski-Costa was not present to share her feedback.

Trustee Darroch appreciated the conference iPhone app and found it helpful in scheduling and viewing slides. She enjoyed learning about new science and social media engagement. She found Mario's presentation on mosquito DNA fascinating. She encouraged others to consider attending in the future.

District Departments:

Laboratory:

Lab Director Sarah Wheeler provided the board with a brief update on laboratory staff activities and plans for the upcoming season. Sarah informed the board that the CDPH dead bird hotline is now open. Tick flagging and surveillance are wrapping up for the season, this season *Borrelia burgdorferi* s.l. was detected at routine surveillance sites in

Folsom, Gold River, and Orangevale. Invasive *Aedes* surveillance has begun, and the traps are already catching *Aedes aegypti*. Sarah mentioned that plans are also underway for the second year of sterile male mosquito releases and that more detail will be provided at the May board meeting.

Ecological Management:

Supervisor Kevin Combo updated the Board on several significant Best Management Practices (BMP) projects undertaken by his department. He began by detailing brush cutting projects that will allow District technicians access to perform mosquito control activities. These projects will also enhance the effectiveness of larvicidal applications and improve overall mosquito management outcomes.

Kevin then reported on the Delta Meadows Park planning project in Walnut Grove. ECO staff participated in Supplemental Environmental Impact Report (SEIR) scoping meetings, where they contributed to discussions regarding the use of mechanical methods for vegetation management on State Parks property.

Lastly, Kevin discussed the proposed 2,200-acre Ecosystem Investment Partners (EIP) Tidal Wetlands Project in southern Yolo County. He noted that he has been coordinating with the Department of Water Resources (DWR) and Ecosystem Investment Partners (EIP) to ensure that mosquito control considerations are incorporated early in the planning process, including the implementation of mosquito reduction BMPs.

Biological Control:

Ken Harris, Biological Control Supervisor, reported that March was a busy month for the department. With the pool program underway and an increase in service requests, technicians stocked 96 pounds of mosquitofish over more than 600 separate sites, representing a 71-pound increase over the same period last season. As water temperatures increased, staff transferred mosquitofish from netted ponds back into open grow-out ponds for the season. The department also observed its first fry on April 3rd, several weeks ahead of the normal timeline. Perch pond construction remains ongoing as weather conditions allow. In coordination with the California Department of Fish and Wildlife, approximately 900 Sacramento perch were collected from the cement pond and relocated to a park in Sacramento. In addition, the department hired three seasonal employees who began work on April 6th to assist with the increasing operational demands as the season ramps up.

Larval and Adult Control:

Program Coordinator Marty Scholl submitted a written report on Control department activities. The written report summarized ongoing Field control activities on and off site, including annual pesticide training.

Marty reported that the outlook for water allotment for rice seems that it will be full this year. Field crews are checking spring sources and gathering rice grower agreements. Many pastures are already being irrigated and have been requiring treatment. Urban area pool inspections are being conducted, and pool mailers have had a 50% response rate at this point in the season. Yellow Jacket Queen traps have been set at Discovery Park and Herald. *Aedes* crews have already had *aegypti* detections and are setting more traps and responding to detections.

4. Board Review and Consideration of CalPERS Contract Resolution of Intention.

CalPERS is updating their existing contracts to include PEPRA language. The process begins with a Resolution of Intention. The Resolution and proposed contractual revisions were discussed by the Board.

On a motion by Trustee Burnett and seconded by Trustee LaTorre, the Board voted to approve the Resolution of Intention. Voice vote was taken and the motion passed unanimously.

5. Board/Staff Reports and Requests/General Discussion

The Manager reiterated that he hopes the UAL will be reduced, considering the District's recent payments and increased PEPRA employees. Continuing conversion of agricultural land to residential areas also increases revenue for the District. Any increase in revenue will allow the District to increase control, including new technology including SIT.

The Manager revisited the conversation of non-Union represented (supervisory) employees' request for flexible schedules and expressed willingness to try the 9-8-80 schedule if the Board is willing. If the Board agrees to go forward, a revision to the employee manual would be required. The MOU will not be revised, as flexible schedules would not apply to Union represented employees. If approved, flexible schedules could begin as early as June.

The Board discussed how flexible schedules would affect and potentially benefit the District. Shifts would be staggered to ensure consistent attendance and coverage.

The Board and General Manager also discussed potentially increasing the allowed vacation days for the Supervisors in lieu of flexible schedules. The Manager will meet with supervisory staff and bring a resolution to the Board at the May meeting if implementing flexible schedules is recommended.

6. ADJOURNMENT

The meeting adjourned at 11:25 a.m.

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the meeting on April 21, 2026.

Lisa Pelletier, Administrative Manager

Approved as written and/or corrected by the Board of Trustees at the May 19, 2026, meeting.

William Reisen, Board Secretary

Sacramento-Yolo Mosquito and Vector Control District
STATEMENT OF OPERATION
July 2025 through April 2026

	Jul '25 - Apr 26	Budget	\$ Over Budget
Ordinary Income/Expense			
Income			
4000 · REVENUE	14,309,527.70	22,592,564.00	-8,283,036.30
Total Income	14,309,527.70	22,592,564.00	-8,283,036.30
Gross Profit	14,309,527.70	22,592,564.00	-8,283,036.30
Expense			
5000 · SALARIES/BENEFITS/WC	11,447,406.69	13,576,494.00	-2,129,087.31
5200 · OPERATIONAL			
5210 · LIABILITY INSURANCE	352,233.00	360,492.00	-8,259.00
5250 · AUDITING/FISCAL	21,500.00	20,000.00	1,500.00
5270 · COMMUNICATIONS	73,361.04	100,000.00	-26,638.96
5310 · PUBLIC INFORMATION	271,527.06	678,000.00	-406,472.94
5340 · STRUCTURE & GROUNDS	212,897.26	183,000.00	29,897.26
5370 · MEMBER/TRAINING	78,832.51	170,000.00	-91,167.49
5390 · DISTRICT OFFICE EXPENSES	14,544.20	25,000.00	-10,455.80
5430 · PROFESSIONAL SERVICES	312,595.85	350,000.00	-37,404.15
5440 · MATERIALS & SUPPLIES	17,860.04	16,000.00	1,860.04
5450 · RENTS & LEASES	7,534.08	91,000.00	-83,465.92
5470 · SAFETY PROGRAM	2,230.00	5,000.00	-2,770.00
5480 · UTILITIES	94,326.71	140,000.00	-45,673.29
6120 · AIRCRAFT SERVICES	763,748.27	1,179,000.00	-415,251.73
6140 · ECOLOGICAL MANAGEMENT	5,085.02	23,000.00	-17,914.98
6160 · MICROBIAL	1,382,897.67	1,800,000.00	-417,102.33
6170 · BIORATIONALS	1,010,273.51	1,200,000.00	-189,726.49
6180 · INSECTICIDES	781,571.75	950,000.00	-168,428.25
6220 · FISHERIES	128,818.67	35,000.00	93,818.67
6280 · GEOGRAPHIC INFO SYSTEMS	2,910.00	9,000.00	-6,090.00
6320 · INFORMATION TECHNOLOGY	151,978.23	180,000.00	-28,021.77
6350 · CONTROL OPERATIONS	34,909.36	55,000.00	-20,090.64
6370 · SHOP DEPT	105,720.73	134,250.00	-28,529.27
6420 · LAB SERVICES	182,302.72	244,500.00	-62,197.28
6450 · GAS & PETROLEUM	111,889.55	200,000.00	-88,110.45
Total 5200 · OPERATIONAL	6,121,547.23	8,148,242.00	-2,026,694.77
62600 · Ask Accountant	0.00		
Total Expense	17,568,953.92	21,724,736.00	-4,155,782.08
Net Ordinary Income	-3,259,426.22	867,828.00	-4,127,254.22
Other Income/Expense			
Other Income			
67001 · GASB 31 Fair Market Value	-5,884.00		
67005 · Gain(Loss) on Sale of Assets	51,885.00		
Total Other Income	46,001.00		

	<u>Jul '25 - Apr 26</u>	<u>Budget</u>	<u>\$ Over Budget</u>
Other Expense			
7000 · CAPITAL ACCOUNTS			
70010 · CAPITAL OUTLAY	264,726.14	258,500.00	6,226.14
70070 · RESEARCH FUND	100,000.00	100,000.00	0.00
70080 · BUILDING IMPROVEMENT	25,109.88	395,000.00	-369,890.12
Total 7000 · CAPITAL ACCOUNTS	<u>389,836.02</u>	<u>753,500.00</u>	<u>-363,663.98</u>
Total Other Expense	<u>389,836.02</u>	<u>753,500.00</u>	<u>-363,663.98</u>
Net Other Income	<u>-343,835.02</u>	<u>-753,500.00</u>	<u>409,664.98</u>
Net Income	<u><u>-3,603,261.24</u></u>	<u><u>114,328.00</u></u>	<u><u>-3,717,589.24</u></u>

Sacramento-Yolo Mosquito and Vector Control District

Check Register

April 2026

05/11/26

Accrual Basis

Num	Date	Name	Credit	Type
Apr 26				
60422	04/07/2026	PRISM-	390.39	Bill Pmt -Check
60423	04/07/2026	Sutter Health Plan	17,973.22	Bill Pmt -Check
60426	04/07/2026	AutoZone, Inc.	1,265.15	Bill Pmt -Check
60427	04/07/2026	Azelis - Adapco Inc	5,538.10	Bill Pmt -Check
60428	04/07/2026	Barnes Welding	737.74	Bill Pmt -Check
60429	04/07/2026	Cintas Corporation	2,948.32	Bill Pmt -Check
60430	04/07/2026	City of Woodland	192.97	Bill Pmt -Check
60431	04/07/2026	Cleanit Maintenance Systems LLC	2,995.00	Bill Pmt -Check
60432	04/07/2026	Consolidated Communications	600.00	Bill Pmt -Check
60433	04/07/2026	Drone Deploy, Inc.	2,250.00	Bill Pmt -Check
60434	04/07/2026	Elk Grove Chevrolet	48.21	Bill Pmt -Check
60435	04/07/2026	Elk Grove Water District	616.39	Bill Pmt -Check
60436	04/07/2026	Enterprise Fleet Management	2,488.38	Bill Pmt -Check
60437	04/07/2026	GreatAmerica Financial Services	376.28	Bill Pmt -Check
60438	04/07/2026	Hippensteel Group	1,293.75	Bill Pmt -Check
60439	04/07/2026	Hunt & Sons Inc	1,690.99	Bill Pmt -Check
60440	04/07/2026	Life Technologies Corporation	6,565.33	Bill Pmt -Check
60441	04/07/2026	Luken Benjamin & Associates, LLC	8,000.00	Bill Pmt -Check
60442	04/07/2026	O'Reilly Automotive, Inc.	58.14	Bill Pmt -Check
60443	04/07/2026	PG & E	447.34	Bill Pmt -Check
60444	04/07/2026	Red Shoe Productions	25,650.00	Bill Pmt -Check
60445	04/07/2026	Sacramento Control Systems, Inc.	504.00	Bill Pmt -Check
60446	04/07/2026	Safe Side Security	414.00	Bill Pmt -Check
60447	04/07/2026	Safety Kleen Systems, Inc.	138.50	Bill Pmt -Check
60448	04/07/2026	SMUD	3,923.46	Bill Pmt -Check
60449	04/07/2026	Spark Creative Design	1,261.69	Bill Pmt -Check
60450	04/07/2026	Star Milling Company	400.93	Bill Pmt -Check
60451	04/07/2026	Stericycle, Inc.	247.99	Bill Pmt -Check
60452	04/07/2026	T-Mobile	2,661.78	Bill Pmt -Check
60453	04/07/2026	Vector Disease Control International	60,000.00	Bill Pmt -Check
60454	04/07/2026	AutoZone, Inc.	580.26	Bill Pmt -Check
60455	04/07/2026	T-Mobile	3,476.49	Bill Pmt -Check
60457	04/10/2026	Airgas USA, LLC	250.88	Bill Pmt -Check
60458	04/10/2026	Azelis - Adapco Inc	2,992.80	Bill Pmt -Check
60459	04/10/2026	Dignity Health Med Fdtrn-Sacramento	2,105.00	Bill Pmt -Check
60460	04/10/2026	Elk Grove Chevrolet	252.35	Bill Pmt -Check
60461	04/10/2026	Hunt & Sons Inc	2,562.73	Bill Pmt -Check
60462	04/10/2026	Kimball Midwest	442.97	Bill Pmt -Check
60463	04/10/2026	NEOGOV - Governmentjobs.com, Inc.	1,250.00	Bill Pmt -Check
60464	04/10/2026	Primo Brands	107.92	Bill Pmt -Check
60465	04/10/2026	Spark Creative Design	3,303.75	Bill Pmt -Check
60466	04/10/2026	Steve's Overhead Door & Gate	4,000.00	Bill Pmt -Check
60467	04/10/2026	Valley Tire Center	30.00	Bill Pmt -Check
60468	04/10/2026	Waste Management C & R, Inc.	246.44	Bill Pmt -Check
60469	04/10/2026	Cintas Fire Protection	150.00	Bill Pmt -Check
60470	04/20/2026	Kaiser Foundation Health Plan	68,369.51	Bill Pmt -Check
60471	04/20/2026	Western Health Advantage	1,239.13	Bill Pmt -Check
60472	04/20/2026	Western Health Advantage	9,326.69	Bill Pmt -Check
60473	04/22/2026	ArcSource	3,004.80	Bill Pmt -Check
60474	04/22/2026	Azelis - Adapco Inc	114,957.40	Bill Pmt -Check
60475	04/22/2026	Barnes Welding	519.71	Bill Pmt -Check
60476	04/22/2026	BKS Law Firm, PC	1,725.00	Bill Pmt -Check
60477	04/22/2026	Buckmaster Office Solutions	389.66	Bill Pmt -Check
60478	04/22/2026	Darwin Chambers Company	9,310.88	Bill Pmt -Check
60479	04/22/2026	Hunt & Sons Inc	5,616.79	Bill Pmt -Check
60480	04/22/2026	Kingsley Bogard, LLP	204.00	Bill Pmt -Check
60481	04/22/2026	Leading Edge Aerial Technologies Inc.	19,780.00	Bill Pmt -Check
60482	04/22/2026	PG & E	20.80	Bill Pmt -Check
60483	04/22/2026	Sacramento County Utilities	1,171.74	Bill Pmt -Check
60484	04/22/2026	Safety Kleen Systems, Inc.	116.18	Bill Pmt -Check
60487	04/28/2026	P & A Administrative Services Inc	112.50	Bill Pmt -Check
60488	04/29/2026	Buckmaster Office Solutions	86.08	Bill Pmt -Check
60489	04/29/2026	CA Department of Tax and Fee Administrati	2,010.00	Bill Pmt -Check
60490	04/29/2026	Clarke Mosquito Control Products Inc	6,481.73	Bill Pmt -Check
60491	04/29/2026	Elk Grove Chevrolet	296.60	Bill Pmt -Check
60492	04/29/2026	Elk Grove Lock and Safe Company	65.25	Bill Pmt -Check
60493	04/29/2026	Hanford Sand and Gravel, Inc.	1,662.22	Bill Pmt -Check
60494	04/29/2026	Hippensteel Group	2,400.00	Bill Pmt -Check
60495	04/29/2026	Hunt & Sons Inc	4,140.83	Bill Pmt -Check
60496	04/29/2026	Kimball Midwest	142.27	Bill Pmt -Check
60497	04/29/2026	PG & E	1,348.03	Bill Pmt -Check
60498	04/29/2026	Radial Tire of Elk Grove	397.43	Bill Pmt -Check
60499	04/29/2026	Republic Services #922	360.72	Bill Pmt -Check
60500	04/29/2026	Safety Kleen Systems, Inc.	509.33	Bill Pmt -Check
60501	04/29/2026	Spark Creative Design	8,405.66	Bill Pmt -Check
60502	04/29/2026	Stericycle, Inc.	112.91	Bill Pmt -Check
60503	04/29/2026	T-Mobile	2,661.72	Bill Pmt -Check

1:19 PM

Sacramento-Yolo Mosquito and Vector Control District Check Register

05/11/26

Accrual Basis

April 2026

Num	Date	Name	Credit	Type
60504	04/29/2026	Target Specialty Products	2,589.62	Bill Pmt -Check
60505	04/29/2026	Valley Fire & Security Alarms, Inc	69.50	Bill Pmt -Check
60506	04/29/2026	Verizon Wireless	89.46	Bill Pmt -Check
60507	04/29/2026	T-Mobile	3,475.35	Bill Pmt -Check
W00525	04/03/2026	CalPERS Financial Reporting & Accounting	113,242.38	Check
60424	04/07/2026	CA Dept. of Fish & Wildlife Region 2	83.95	Check
60425	04/07/2026	Pitney Bowes Bank, Inc. Reserve Account	1,000.00	Check
60456	04/10/2026	CDPH Vector-Borne Disease Account	492.00	Check
60485	04/28/2026	Operating Engineers Local Union No. 3	1,224.00	Check
60486	04/28/2026	CA State Disbursement Unit	350.00	Check
W00526	04/30/2026	CalPERS 457 Plan	20,292.57	Check
W00527	04/30/2026	Nationwide Retirement Solutions	2,825.00	Check
W00528	04/30/2026	Nationwide Retirement Solutions	4,000.00	Check
1858	04/30/2026	McGarvey, Robert J	92.35	Check
1857	04/03/2026	Fowler, Robert S.	3,236.15	Check
			<hr/>	
Apr 26			593,437.54	
			<hr/> <hr/>	



SACRAMENTO COUNTY

8631 Bond Road
Elk Grove, CA 95624

(800) 429-1022
www.FIGHTtheBITE.net

Gary Goodman
General Manager

2026 Board of Trustees

Janell Darroch
President,
West Sacramento

Staci Gardiner
Vice President,
Isleton

William Reisen
Secretary,
Yolo County

Christopher Barker
Davis

Craig R. Burnett
Folsom

Lyndon Hawkins
Elk Grove

Gar House
Winters

Jayna Karpinski-Costa
Citrus Heights

Raymond LaTorre
Sacramento

Robert J. McGarvey
Rancho Cordova

Marcia Mooney
Galt

Charles Duty
Sacramento County

Tania Garcia-Cadena
Woodland

Sacramento-Yolo Mosquito and Vector Control District Investment Report

The District investment policy authorizes District funds and monies to be invested in only one or a combination of the following institutions and investment types:

- A. Yolo County Treasurer Investment Pool
- B. State Treasurer’s Local Agency Investment Fund (L.A.I.F.)
- C. Member and Property Contingency Fund deposits with the Vector Control Joint Powers Agency (VCJPA)
- D. Prefunding of Other Post-Employment Benefits (OPEB) through California Public Employer’s Retiree Benefit Trust Program (CERBT)

As the District receives revenue from taxes and other resources the funds are deposited with the Yolo County Treasurer. The following is the interest earnings, fund balances, and investments of the District for the quarter ending **March 31, 2026**.

Institution		Earnings	Total as of 03/31/2026
Yolo County Treasurer Investment Pool	3.76%*	\$24,630.84	\$1,282,590.67
L.A.I.F.	3.98%	\$126,034.79	\$13,839,895.26
VCJPA-Member Contingency Fund	0.38%	\$8,004.00	\$2,110,552.00
CERBT-Strategy 3		\$15,338.79	\$2,523,825.92
		District Total:	\$19,756,863.85

**Rates are reflected as annualized earning rates*



County of Yolo

www.yolocounty.gov

Tom Haynes
Chief Financial Officer

DEPARTMENT OF FINANCIAL SERVICES

625 Court Street, Room 102
PO BOX 1995
WOODLAND, CA 95776
PHONE: (530) 666-8625
FAX: (530) 666-8215
EMAIL: DFS@yolocounty.gov

- Financial Leadership
- Budget & Financial Planning
- Treasury & Finance
- Tax & Revenue Collection
- Accounting & Financial Reporting
- Internal Audit

April 20, 2026

Mr. Gary Goodman
Sacramento-Yolo Mosquito Abatement District
8631 Bond Road
Elk Grove, CA 95624

Dear Mr. Goodman:

Listed below for your information and that of the Board of Directors, is data pertaining to interest earnings, fund balances and investments of the district for the quarter ended March 31, 2026. The Yolo County Treasurer's Investment Report is available electronically. Should you or the Board wish additional information or have any questions, please let me know.

<u>PERIOD</u>	<u>YOLO COUNTY</u>	<u>LAIF</u>	<u>EARNINGS</u>
Quarter ending: March 31, 2026	3.761%		\$ 24,630.84
Quarter ending: March 31, 2026		3.98%	\$ 126,034.79
Placement of Funds as of March 31, 2026:	(Fund 7245)		
	Yolo County Treasurer's Pool (Account 100000)		\$ 1,282,590.67
	Flexible Spending Account (Account 104000)		39,057.08
	LAIF (Account 104050)		13,839,895.26
	Total		\$ 15,161,543.01

Rates are reflected above as annualized earnings rates.

Sincerely,

Kevin Sorensen

Kevin Sorensen
Accounting Manager



Vector Control Joint Powers Agency

Member Contingency Fund

For the Quarter Ended
March 31, 2026

Member District	Balance at Beginning of Quarter	Contribution	(Withdrawals)	Interest Earned	Allocated Admin.	Balance at End of Quarter
Alameda County	379,195			1,444	(7)	380,632
Burney Basin	31,850			121	(1)	31,970
Butte County	425,616			1,620	(8)	427,228
Coachella Valley	1,159,145			4,413	(21)	1,163,537
Coalinga-Huron	9,742			37	0	9,779
Colusa	113,322			431	(2)	113,751
Compton Creek	80,053			305	(1)	80,357
Consolidated	440,192			1,676	(8)	441,860
Contra Costa	1,408,188		(300)	5,360	(25)	1,413,223
Durham	6,459			25	0	6,484
Fresno	268,138			1,021	(5)	269,154
Glenn County	44,906			171	(1)	45,076
Greater Los Angeles County	2,131,631			8,114	(36)	2,139,709
Lake County	180,148			686	(3)	180,831
Los Angeles County West	947,406			3,607	(17)	950,996
Marin-Sonoma	1,031,616			3,927	(18)	1,035,525
Monterey County	49,328			188	(1)	49,515
Napa County	1,698,374			6,466	(30)	1,704,810
Northwest	170,487			649	(3)	171,133
Orange County	823,554			3,135	(15)	826,674
Pine Grove	36,764			140	(1)	36,903
Placer	477,086			1,816	(9)	478,893
Sacramento-Yolo	2,102,586			8,004	(38)	2,110,552
San Gabriel Valley	216,371			824	(4)	217,191
San Joaquin County	546,943			2,082	(10)	549,015
San Mateo County	548,606			2,088	(10)	550,684
Santa Barbara County	102,352			390	(2)	102,740
Shasta	284,969			1,085	(5)	286,049
Sutter-Yuba	352,769			1,343	(6)	354,106
Tehama County	306,427			1,167	(5)	307,589
Turlock	37,029			141	(1)	37,169
West Valley	402,254			1,531	(7)	403,778
Total	16,813,506	0	(300)	64,007	(\$300.00)	16,876,913

Notes:

Yield to maturity rate on the VCJPA portfolio is 4.12% as of the above date. As required by GASB 31, the allocated interest shown also reflects market value changes to the securities held in the portfolio. Therefore, the actual interest allocated to this fund, and all program year funds, may or may not equal the yield to maturity rate from quarter to quarter. However, the average overall allocated interest, over the life of this fund, should provide a close approximation.

Vector Control Joint Powers Agency
Member Contingency Fund - Prudent Balance Calculation
As of March 31, 2026

Self-Insurance Exposure - Two Times Deductible											
Member District	Liability	Workers' Compensation	APD	Property	Sub-Total 2 X Deductible	2025/2026 Contribution	Two Times Contribution	Prudent Balance	Member Contingency Fund Balance as of March 31, 2026	Amount Over / (Under) Prudent Balance	
	A	B	C	D	E=SUM(A:D)	F	G=F X 2	H=E+G	I	J=H-I	
1	Alameda County	20,000	50,000	2,000	1,000	73,000	230,409	460,818	533,818	380,632	(153,186)
2	Burney Basin	2,000	10,000	2,000	1,000	15,000	10,479	20,958	35,958	31,970	(3,988)
3	Butte County	20,000	50,000	2,000	1,000	73,000	173,660	347,320	420,320	427,228	6,908
4	Coachella Valley	50,000	50,000	2,000	1,000	103,000	630,801	1,261,602	1,364,602	1,163,537	(201,065)
5	Coalinga-Huron	2,000	5,000	2,000	1,000	10,000	4,223	8,446	18,446	9,779	(8,667)
6	Colusa	2,000	10,000	2,000	1,000	15,000	24,560	49,120	64,120	113,751	49,631
7	Compton Creek	5,000	5,000	2,000	1,000	13,000	16,752	33,504	46,504	80,357	33,853
8	Consolidated	20,000	50,000	2,000	1,000	73,000	180,743	361,486	434,486	441,860	7,374
9	Contra Costa	100,000	100,000	2,000	1,000	203,000	383,590	767,180	970,180	1,413,223	443,043
10	Delta	10,000	20,000	2,000	1,000	33,000	205,270	410,540	443,540	0	
11	Durham	2,000	5,000	2,000	1,000	10,000	9,642	19,284	29,284	6,484	(22,800)
12	Fresno	10,000	50,000	2,000	1,000	63,000	111,980	223,960	257,054	269,154	12,100
13	Glenn County	2,000	10,000	2,000	1,000	15,000	14,669	29,338	44,338	45,076	738
14	Greater Los Angeles County	150,000	100,000	2,000	1,000	253,000	926,472	1,852,944	2,105,944	2,139,709	33,765
15	Kings	10,000	20,000	2,000	1,000	33,000	141,013	282,026	315,026	0	
16	Lake County	5,000	20,000	2,000	1,000	28,000	71,517	143,034	171,034	180,831	9,797
17	Los Angeles County West	50,000	50,000	2,000	1,000	103,000	388,594	777,188	880,188	950,996	70,808
18	Marin-Sonoma	100,000	100,000	2,000	1,000	203,000	495,229	990,458	1,193,458	1,035,525	(157,933)
19	Napa County	10,000	50,000	2,000	1,000	63,000	111,541	223,082	286,082	1,704,810	1,418,728
20	Monterey County	10,000	50,000	2,000	1,000	63,000	72,004	144,008	207,008	49,515	(157,493)
21	Northwest	10,000	50,000	2,000	1,000	63,000	218,125	436,250	499,250	171,133	(328,117)
22	Orange County	50,000	100,000	2,000	1,000	153,000	704,015	1,408,030	1,561,030	826,674	(734,356)
23	Pine Grove	2,000	5,000	2,000	1,000	10,000	9,542	19,084	29,084	36,903	7,819
24	Placer	2,000	20,000	2,000	1,000	25,000	223,624	447,248	472,248	478,893	6,645
25	Sacramento-Yolo	100,000	100,000	2,000	1,000	203,000	596,886	1,193,772	1,396,772	2,110,552	713,780
26	San Gabriel Valley	20,000	100,000	2,000	1,000	123,000	331,710	663,420	786,420	217,191	(569,229)
27	San Joaquin County	100,000	100,000	2,000	1,000	203,000	318,053	636,106	839,106	549,015	(290,091)
28	San Mateo County	20,000	50,000	2,000	1,000	73,000	320,812	641,624	714,624	550,684	(163,940)
29	Santa Barbara County	5,000	10,000	2,000	1,000	18,000	48,773	97,546	115,546	102,740	(12,806)
30	Shasta	5,000	50,000	2,000	1,000	58,000	147,570	295,140	353,140	286,049	(67,091)
31	Sutter-Yuba	20,000	50,000	2,000	1,000	73,000	174,148	348,296	421,296	354,106	(67,190)
32	Tehama County	2,000	20,000	2,000	1,000	25,000	49,883	99,766	124,766	307,589	182,823
33	Turlock	20,000	50,000	2,000	1,000	73,000	111,250	222,500	295,500	37,169	(258,331)
34	West Valley	20,000	50,000	2,000	1,000	73,000	181,940	363,880	436,880	403,778	(33,102)
	Total	956,000	1,560,000	68,000	34,000	2,618,000	7,639,479	15,278,958	17,867,052	16,876,913	(90,139)



Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$2,508,928.39	\$2,378,209.80
Contribution	0.00	0.00
Disbursement	0.00	0.00
Transfer In	0.00	0.00
Transfer Out	0.00	0.00
Investment Earnings	15,338.79	146,922.46
Administrative Expenses	(170.19)	(503.85)
Investment Expense	(271.07)	(802.49)
Other	0.00	0.00
Ending Balance	\$2,523,825.92	\$2,523,825.92
FY End Contrib per GASB 74 Para 22	0.00	0.00
FY End Disbursement Accrual	0.00	0.00
Grand Total	\$2,523,825.92	\$2,523,825.92

Unit Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Units	123,845.370	123,845.370
Unit Purchases from Contributions	0.000	0.000
Unit Sales for Withdrawals	0.000	0.000
Unit Transfer In	0.000	0.000
Unit Transfer Out	0.000	0.000
Ending Units	123,845.370	123,845.370
Period Beginning Unit Value	20.258555	19.203057
Period Ending Unit Value	20.378847	20.378847

Please note the Grand Total is your actual fund account balance at the end of the period, including all contributions per GASB 74 paragraph 22 and accrued disbursements. Please review your statement promptly. All information contained in your statement will be considered true and accurate unless you contact us within 30 days of receipt of this statement. If you have questions about the validity of this information, please contact CERBT4U@calpers.ca.gov.

Sacramento-Yolo Mosquito and Vector Control District

May 19, 2026 Board Meeting

3. Reports to the Board

a. Manager's Report

b. Reports from District Departments

- **Lab/Surveillance (Sarah Wheeler)**
- **Ecological Management (Kevin Combo)**
- **Biological Control (Ken Harris)**
- **Larval and Adult Control (Marty Scholl)**
- **Public Outreach (Luz Maria Robles)**

a. Manager's Report

Mosquito activity is starting to pick up as the weather gets warmer. Testing has begun and the state of California is slower than last year. The State has 4 positive birds so far this year in Alameda, Fresno, San Diego and Santa Clara Counties. There were 9 positive birds at this time last year.

We will be starting our SIT program in July in the Rosemont area and will be expanding to 120 acres, up from 25 last year.

The AMCA Washington Conference was held May 11-14. I met with our Senators and Congressional members. I've attached the position papers that we discussed with our elected officials.

b. Reports from District Departments

- **Lab/Surveillance (Sarah Wheeler)**
- **Ecological Management (Kevin Combo)**
- **Biological Control (Ken Harris)**
- **Larval and Adult Control (Marty Scholl)**
- **Public Outreach (Luz Maria Robles)**

American Mosquito Control Association Legislative Priorities



AMCA is a non-profit scientific, educational, and professional association. Our mission is to enhance health and quality of life through the suppression of vector-transmitted diseases and the reduction of mosquitoes and other pests by providing leadership, information, collaboration, and tools.

ISSUE

AMCA supports reauthorization of the **SMASH Act, PAHP Act**, and the passage of the **Key Hagan Tick Reauthorization Act (H.R. 4348/ S. 2398)** to protect public health.

ISSUE

AMCA supports an **increase of \$10 million** in funding for **CDC's Epidemiology and Laboratory Capacity (ELC) Grants** to support nationwide mosquito and other vector-borne disease surveillance.



ISSUE

AMCA supports the swift enactment of **H.R. 7567, the Farm, Food, and National Security Act of 2026** (aka the **2026 Farm Bill**), which contains regulatory relief for mosquito control applicators.

ISSUE

AMCA supports the swift passage of the text of the **Reducing Regulatory Burdens Act**, as contained in **H.R. 3898, Providing Efficient Review for Modern Infrastructure Today (PERMIT) Act**, and the **2026 Farm Bill**.

ISSUE

AMCA supports **report language** for applied vector control research as part of **USDA's ARS work on agricultural and public health protections**.





America Needs Mosquito Control

ACTION

America's public sector mosquito control professionals call on Congress to reauthorize the Kay Hagan TICK Act and the SMASH Act as part of the PAHPA reauthorization, provide sufficient appropriations to the Centers for Disease Control and Prevention, and support vector control activities.

The Mosquito:
The World's
Deadliest Animal



WHY THIS MATTERS

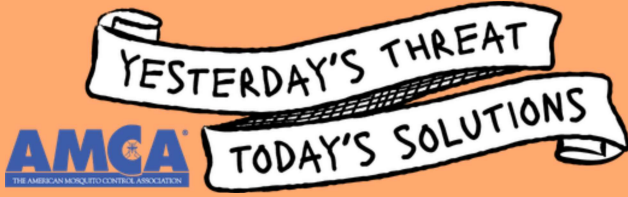
- Programs carried out by America's publicly funded mosquito control professionals are vital in the fight against deadly diseases.
- Mosquito control programs supplement the work of local and state health departments, adding the expertise needed to target emerging vector-borne diseases and invasive species.
- Risks of mosquito-borne disease (such as Malaria and Dengue Fever) continue to rise due to increasing international travel and commerce.
- Mosquitoes and other public health vectors diminish quality of life due to the discomfort associated with bites. In areas lacking effective control measures, individuals can experience over 100 bites per minute—posing more than just a nuisance, but a serious disruption to daily activities and well-being.
- Mosquitoes, ticks, and other vectors of public health importance have a significant negative impact on tourism, agriculture, and local economies – reducing attendance at outdoor events.
- The control of mosquitoes keeps workers, residents, and visitors healthy and able to fully participate in the nation's growing local economies.

RESOURCES



662.822.1270

 AMCA.TA@mosquito.org



Funding the SMASH Act and Nationwide Database for Vector Surveillance

ISSUE

Improved surveillance of mosquito populations and disease threats allow America’s publicly funded mosquito control professionals to better target their activities, saving precious taxpayer dollars and improving public health protections.

ACTION

AMCA requests an additional \$10 Million in funding for the Centers For Disease Control and Prevention (CDC), Epidemiology and Laboratory Capacity grants to enhance capacity for mosquito abatement programs and expand nation-wide surveillance of vector-borne disease.

RESOURCES



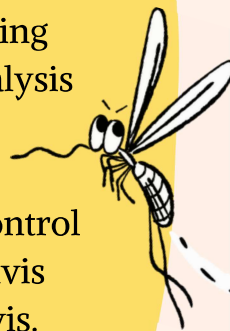
662.822.1270



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BACKGROUND

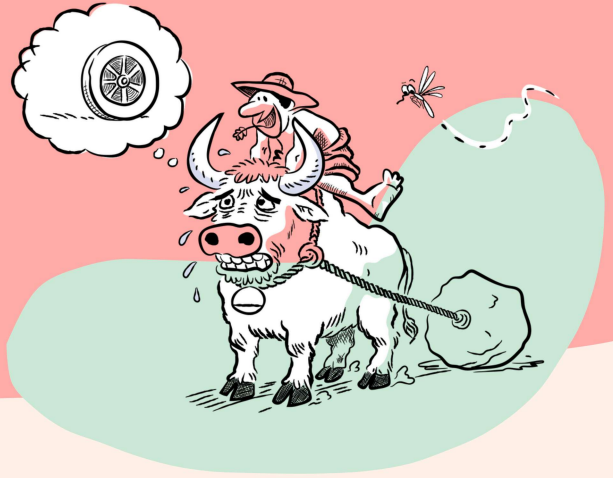
- The Strengthening Mosquito Abatement for Safety and Health (SMASH) Act authorizes CDC resources to be used to address emerging infectious mosquito-borne disease and improve existing control programs for the protection of public health.
- Improved surveillance capabilities can be realized through expansion of an existing database called VectorSurv: a web-based platform for data management and analysis currently used by vector control and public health agencies in the U.S.
- VectorSurv was initiated in 2006 as a partnership of the Mosquito and Vector Control Association of California, the California Department of Public Health, and the Davis Arbovirus Research and Training (DART) Lab at the University of California, Davis.
- VectorSurv is currently utilized by individual mosquito control districts in 31 states, including AL, AZ, CA, CO, DE, FL, GA, HI, IN, KS, LA, ME, NE, NC, NH, ND, NM, NJ, NY, NV, OH, OR, SD, TN, TX, UT, VA, WA, WY and US-Affiliated Pacific Islands. But the gaps in these data lessen the utility of our integrated surveillance system.





YESTERDAY'S THREAT
TODAY'S SOLUTIONS

America's Mosquito Control Professionals Need a Farm Bill



LET'S GET THIS DONE

The 118th Congress's draft 2024 Farm Bill reported by the House Committee on Agriculture contained several important provisions that reduce regulatory burdens, as well as enhance communication and cooperation between federal, state, and industry stakeholders regarding pesticide regulation, some of which were included in the working draft of the Senate Committee on Agriculture, Nutrition, and Forestry.

AMCA calls on Congress to swiftly enact a Farm Bill that provides regulatory relief for pesticide users.

NOTABLE PROVISIONS SUPPORTED BY AMCA

- Enhanced coordination between the USDA Office of Pest Management Policy (OPMP) and the EPA.
- Elimination of costly, duplicative, and unnecessary Clean Water Act National Pollutant Discharge Elimination System (NPDES) permits for mosquito control applicators.
- Clarification on the role of state lead agencies regarding intrastate pesticide regulation.
- Clarification on the role of the EPA to determine the content of pesticide labels.
- Reauthorization of Interagency Working Group (IWG) for Federal Insecticide, Fungicide, Rodenticide Act (FIFRA) and the Endangered Species Act (ESA).

RESOURCES



662.822.1270

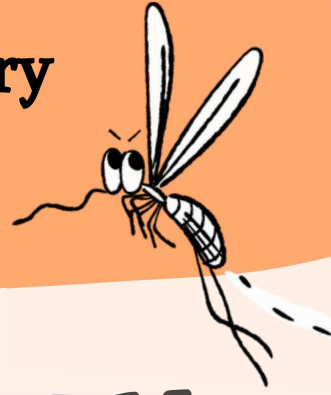


AMCA.TA@mosquito.org



YESTERDAY'S THREAT
TODAY'S SOLUTIONS

Reducing Regulatory Burdens Act



ISSUE

The requirement for duplicative permits under the Clean Water Act offers no environmental or public health protections and instead adds tremendous cost and bureaucracy that jeopardizes public health.

ACTION

The American Mosquito Control Association (AMCA) urges the passage of the “Reducing Regulatory Burdens Act” as part of H.R.3898 (the PERMIT Act), or other appropriate legislation.

WHY THIS MATTERS

MOSQUITOES ARE THE WORLD'S DEADLIEST ANIMAL

- Mosquito control professionals judiciously use EPA registered pesticides to safely minimize the threat of diseases carried by mosquitoes including malaria, dengue fever, West Nile virus, eastern equine encephalitis, and other viruses.
- This act restores consistency by recognizing that many routine pesticide applications are already exempt from NPDES permitting. It ensures that mosquito control applications are treated the same way, eliminating unnecessary permits that currently creates imbalance and complicates efforts to protect communities.
- Publicly funded mosquito control programs rely on taxpayer funding to protect public health. Additional administrative costs redirect these taxpayer funds from their intended purpose.
- The Reducing Regulatory Burdens Act will eliminate a costly, duplicative, and unnecessary Clean Water Act National Pollutant Discharge Elimination System (NPDES) permit requirement which severely hampers our member's ability to protect public health.

RESOURCES



AMCA.TA@mosquito.org



662.822.1270





YESTERDAY'S THREAT
TODAY'S SOLUTIONS

ISSUE

Without reauthorization, federal support for vector-borne disease surveillance, research, and local response capacity will lapse at a time when mosquito- and tick-borne diseases are increasing in frequency, geographic range, and public health impact across the United States.

Reauthorization of the Kay Hagan Tick Act



RESOURCES



662.822.1270



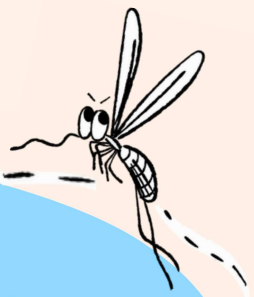
AMCA.TA@mosquito.org

ACTION

The American Mosquito Control Association (AMCA) urges passage of the “Kay Hagan Tick Reauthorization Act” (H.R. 4348/ S. 2398). This legislation would provide federal support for vector-borne disease surveillance, research, and local response capacity.

WHY THIS MATTERS

- **Sustains core CDC funding to state and local programs** that support mosquito surveillance, laboratory testing, and rapid outbreak response for diseases like West Nile virus, dengue, and other emerging threats.
- **Maintains regional Centers of Excellence (COEs)** that provide applied research, training, and technical assistance directly benefiting mosquito control operations and decision-making.
- **Strengthens national and local surveillance systems**, allowing mosquito control agencies to better track vector populations, detect disease risk earlier, and target interventions more effectively.
- **Supports workforce development and training**, helping address the national shortage of public health entomologists and ensuring a pipeline of qualified vector control professionals.
- **Improves coordination across federal, state, and local partners**, ensuring consistent best practices and a more unified response to emerging vector-borne disease threats.



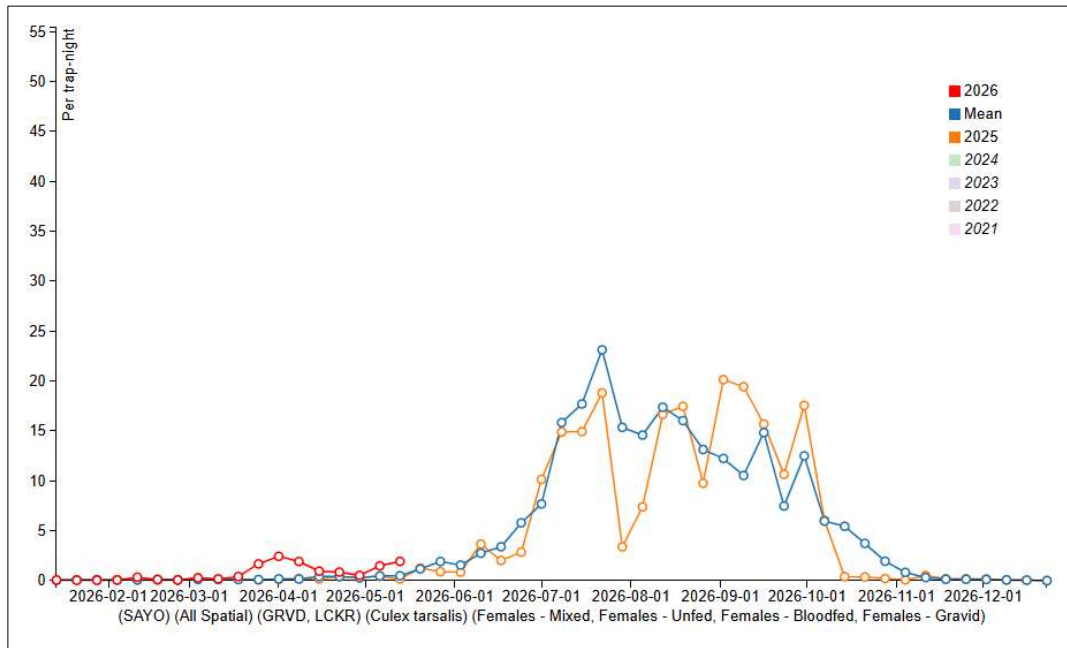
LABORATORY Monthly Report, May 2026 Board Meeting

Insectary:

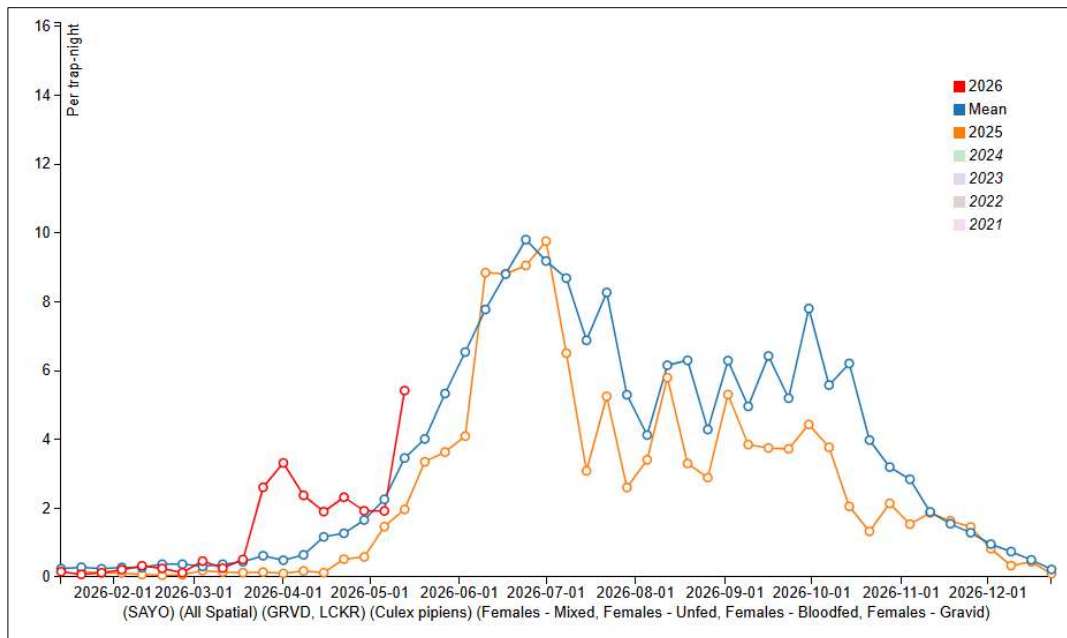
Species	Name	Origin	Resistance Status
<i>Culex tarsalis</i>	KNWR	Kern National Wildlife Refuge (2009)	susceptible
<i>Culex quinquefasciatus</i>	CQ1	Merced, CA (1950s)	susceptible
<i>Culex quinquefasciatus</i>	Sebring	Florida (1988)	susceptible
<i>Culex pipiens</i>	WCP	Woodland, CA (2023)	resistant: pyrethrins/pyrethroids, methoprene, and spinosad
<i>Culex tarsalis</i>	VFCT	Vic Fazio Yolo Wildlife Area (2024)	resistant: pyrethrins/pyrethroids

Surveillance update through 5/12/2026

Weekly mosquito collections – The following graphs show overall *Culex tarsalis* and *Culex pipiens* abundance from gravid traps and locker traps placed in permanent locations throughout Sacramento and Yolo Counties. These traps run year-round and provide stable mosquito abundance data.



Culex tarsalis abundance in constant operation locker and gravid traps.



Culex pipiens abundance in constant operation locker and gravid traps.

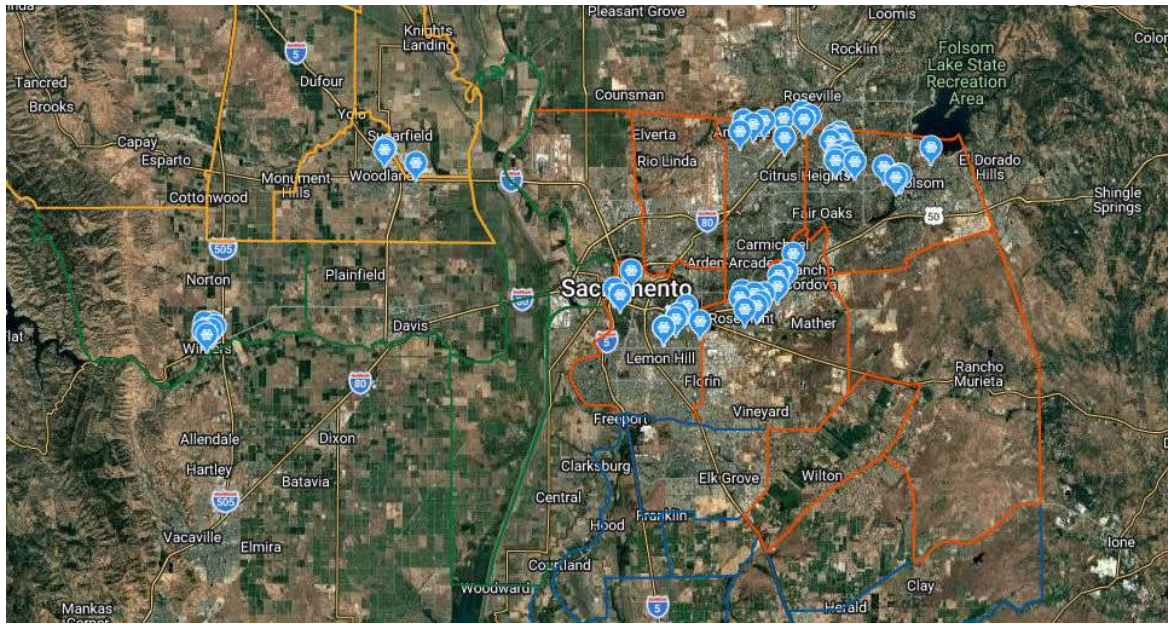
Encephalitis Vector Surveillance (EVS) – This program will resume on May 18, 2026.

Dead bird surveillance – The dead bird program restarted on April 14, 2026. Thus far we have collected 40 dead birds and results are pending.

Rice surveillance – Surveillance will resume in May 2026.

Human disease response surveillance – Since the last report, no new human cases were reported to the District.

***Aedes aegypti* trapping effort in Sacramento and Yolo Counties** – Surveillance for *Aedes aegypti* resumed in April. *Aedes aegypti* has successfully overwintered and has resumed seasonal activity.



April, 2026 detections of *Aedes aegypti*

City	County	Trap nights	2026 total females collected
			<i>Aedes aegypti</i>
Antelope	Sacramento	11	4
Carmichael	Sacramento	4	
Citrus Heights	Sacramento	31	12
Elk Grove	Sacramento	4	
Elverta	Sacramento		
Fair Oaks	Sacramento	16	16
Folsom	Sacramento	13	44
Galt	Sacramento		
Gold River	Sacramento		
Herald	Sacramento		
Isleton	Sacramento		
Mather	Sacramento		
North Highlands	Sacramento	1	1
Orangevale	Sacramento	19	6
Rancho Cordova	Sacramento	5	1
Rancho Murieta	Sacramento		
Rio Linda	Sacramento		
Sacramento	Sacramento	97	20
Sloughhouse	Sacramento		
Davis	Yolo	1	
West Sacramento	Yolo		
Winters	Yolo	19	6
Woodland	Yolo	22	5

Tick surveillance – Tick surveillance is on-going. Each permanent site is flagged once per month. Collection sites were selected based on land use and habitat. All *Ixodes pacificus* collections were separated by sex, collected in samples up to five ticks, and tested for *Borrelia burgdorferi*, the causative agent of Lyme disease. The following table shows the number of ticks collected by city and the minimum infection prevalence for *Borrelia burgdorferi* sensu lato.

***Ixodes pacificus* minimum infection prevalence (MIP*) for *Borrelia burgdorferi* s.l.**

City	County	Nov 2025		Dec 2025		Jan 2026		Feb 2026		Mar 2026		Apr 2026	
		Total collected	MIP	Total collected	MIP	Total collected	MIP	Total collected	MIP	Total collected	MIP	Total collected	MIP
Brooks	Yolo	4	0.0	17	0.0	4	0.0	29	0.0	40	0.0	14	0.0
Carmichael	Sacramento	1	0.0	0		0		0		1	0.0		
Fair Oaks	Sacramento	34	2.9	87	0.0	8	0.0	11	0.0	10	10.0	2	0.0
Folsom	Sacramento	71	1.4	21	0.0	26	7.7	76	0.0	86	2.3	48	0.0
Gold River	Sacramento	1	0.0	1	0.0	2	0.0	6	0.0	3	33.3	5	0.0
Orangevale	Sacramento	0		18	0.0	7	14.3	7	14.3	42	9.5	8	0.0
Rancho Cordova	Sacramento	2	0.0	5	0.0	2	0.0	2	0.0	2	0.0	1	0.0
Rumsey	Yolo	3	0.0	1	0.0	1	0.0	0		10	0.0		
Winters	Yolo	0		0		1	0.0	7	0.0	0			

*Minimum Infection Prevalence (MIP): MIP equals the number of positive pools divided by the number of ticks tested multiplied by 100.

The California Arbovirus Surveillance Bulletin Week 18, May 8, 2026

2025 & 2026 YTD West Nile Virus Comparisons		
	2025	2026
Total No. Dead Bird Reports	2,668	1,723
No. Positive Counties	2	4
No. Human Cases	0	0
No. Positive Dead Birds / No. Tested	9 / 213	4 / 124
No. Positive Mosquito Pools / No. Tested	0 / 4,350	0 / 6,611
No. Seroconversions / No. Tested	0 / 158	0 / 107

YTD WNV Activity by Element and County, 2026					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			1		
Fresno			1		
San Diego			1		
Santa Clara			1		
Totals			4		

ECOLOGICAL MANAGEMENT DEPARTMENT

May 2026 Board Update

Ecological Management Projects

Atwood Ranch (Sacramento County)



Atwood Ranch, a 338.66-acre cattle ranch located in south Elk Grove near residential and industrial areas and adjacent to Emerald Lakes Golf Course, remains a historically significant mosquito breeding site for *Ae. nigromaculis* and *Ae. melanimon* due to its irrigated pastures. To address ongoing control challenges, Control Operations requested targeted vegetation management along the Union Pacific Railroad corridor and within pasture drains where water tends to stagnate. In response, Ecological Management staff utilized a track loader equipped with a brushing attachment to clear and maintain critical access routes. This improved access enables technicians to more effectively apply liquid larvicides, increasing treatment

efficacy while reducing reliance on longer-lasting residual control materials, thereby supporting a more precise mosquito management approach.

Hawk Creek Ranch (Yolo County)

Hawk Creek Ranch, a 443-acre pistachio farm located along the banks of Cache Creek in Yolo County, includes approximately 11.98 acres of detention basins adjacent to the Wild Wings Golf Course. These basins, which collect winter effluent and seepage from a nearby concrete-lined irrigation canal, had become heavily overgrown with poison oak (*toxicodendron diversilobum*), limiting access for effective mosquito control. In response, Ecological Management staff implemented a vegetation management project by mowing and creating access pathways to the detention basins. These “notched” corridors enable Control Operations staff to deploy mosquitofish more effectively, allowing the fish to reach mosquito breeding areas within the dense vegetation.



Wetland Program

State and Federal Wetland Preserves/Refuges-

Ecological Management staff attended the annual drawdown and irrigation meeting at Stone Lake National Wildlife Refuge (SLNWR) to review and refine the refuge’s yearly wetland-management plan. In collaboration with the refuge manager, the team is identifying and implementing specific Best Management Practices (BMPs) aimed at reducing mosquito breeding and harborage habitats. United States Fish and Wildlife Services (USFWS) has issued the District a 2026 Special Use Permit (SUP) that authorizes UAS-based applications for targeted larval treatments on federal refuge lands overseen by SLNWR. Staff also met with Cosumnes River Preserve (CRP) and Yolo Bypass Wildlife Area (YBWA) in Yolo County to discuss drawdown, irrigations and wetland-management where they will continue to coordinate with the District their management strategies and ensure that BMPs and emerging technologies are consistently integrated on State and Federal properties.

SACRAMENTO VALLEY THREE CONNECTED WILDLIFE AREAS

Protecting Wildlife. Supporting Communities. Managing Floods.

Yolo Bypass Wildlife Area

- 16,000 acres of managed wetlands and floodplain
- Supports ~200 bird species and diverse wildlife
- Provides major flood protection for Sacramento

STONE LAKES NATIONAL WILDLIFE REFUGE

- Urban refuge just south of Sacramento
- Mix of wetlands, grasslands, and lakes
- Critical habitat for migratory birds along the Pacific Flyway

COSUMNES RIVER PRESERVE

- Over 50,000 acres of protected habitat
- One of the last free-flowing rivers in the Central Valley
- Rich floodplain, riparian forest, and wetland ecosystems

CONNECTED BY NATURE

These three areas form a vital habitat corridor in the Sacramento Valley, linking rivers, wetlands, and floodplains from the Yolo Bypass to the Cosumnes River.

WILDLIFE HABITAT

Critical stopover and breeding habitat for migratory birds and native species.

FLOOD PROTECTION

These areas store and slow floodwaters, protecting communities in the Sacramento Valley.

RECREATION

Opportunities for hunting, birding, hiking, photography and education.

WORKING TOGETHER

Managed by federal, state, and local partners for people and wildlife.

BIOLOGICAL CONTROL
Monthly Report for May 2026 Board Meeting

In April, the Fisheries Department observed its first fry of the season on April 3rd, which was a few weeks earlier than typically expected. Once fry are observed, ponds are transitioned to twice-daily feeding schedules. These fish will remain in the ponds to continue growing until the rice stocking program begins sometime in June. The department may supplement production by seining outside sources if additional fish are needed during this period.

With the pool program still going strong, the Fisheries Department supplied technicians with 77 pounds of mosquitofish during April. Technicians treated 121 additional swimming pools with more than 10 pounds of mosquitofish, bringing the seasonal total to 205 swimming pools stocked.

Construction continued on the Sacramento perch earthen ponds as weather permitted. In partnership with the California Department of Fish and Wildlife, the cement perch pond was seined again, yielding 986 additional perch that were transported to a park in Sacramento. A final drain down and seine of the pond conducted by Sac/Yolo staff yielded approximately 2,000 additional perch that will be held onsite until a final destination is approved.

Furthermore, the department welcomed three new seasonal employees whose contributions are greatly valued. In addition to supporting Fisheries operations, they assisted North Sacramento staff with creek and stream fish plants and treatments. Yard, facility, and equipment maintenance remain ongoing as the department continues preparing for the season ahead.

Log of Treatment Applied for April

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	77.3 lbs	298 Acres	667
Guppies (<i>Poecilia reticulata</i>)	0.1 lbs	.005 Acres	1

Log of Treatment Applied for the year 2026 - Year to Date

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish	182 lbs	787 Acres	1,311
Guppies	0.1 lbs	.005 Acres	1

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
35,000.00	24,729.20	10,270.80	71%



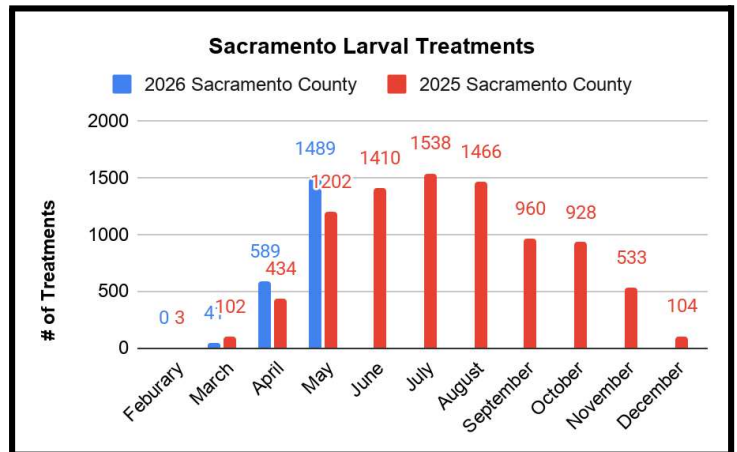
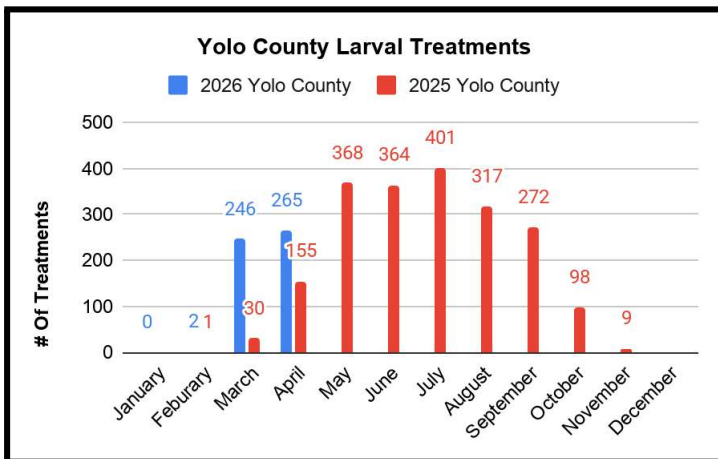
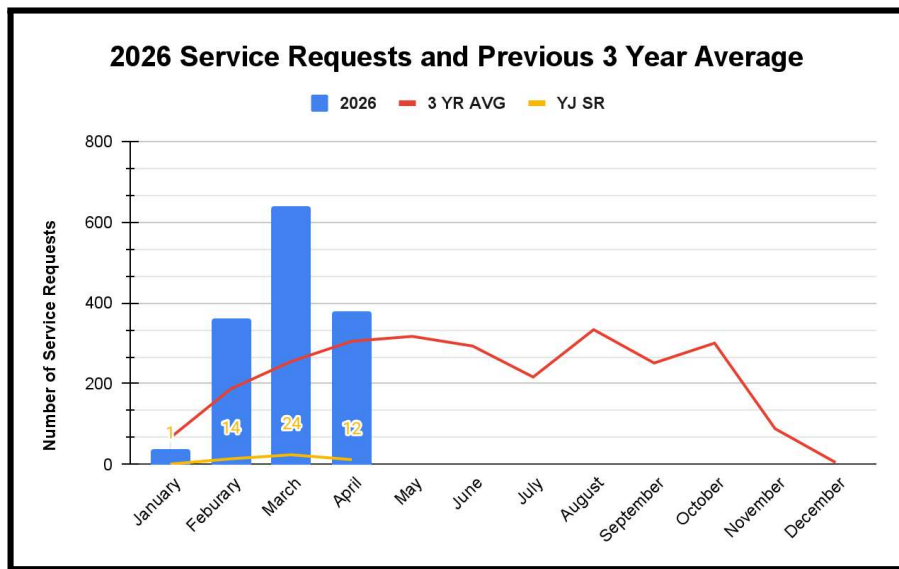
Above: *Sac/Yolo and California Department of Fish and Wildlife staff seining perch pond..*
Bottom Left: *Fisheries technicians collecting crawfish.*
Bottom Right: *Fisheries technicians counting Sacramento perch.*



CONTROL OPERATIONS Monthly Report for the May 2026 Board Meeting

Culex, West Nile Virus (WNV) and General Mosquito Control

No response was needed for WNV control in the month of April. Staff have been checking and treating spring sources, early pasture irrigations, and responding to service requests. Rice grower agreements are being distributed and collected in an effort to document the seasonal planted rice growing acreage.



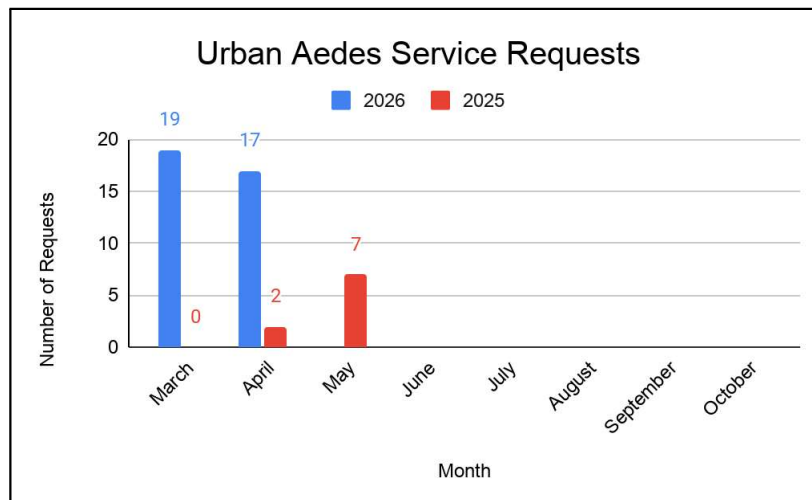
No aerial larval applications have been performed in 2026

Urban Control Operations: Catch Basin Program

Catch basin Program has treated 14,574 and Inspected 39,963 basins to date. In 2025 a total of 5,164 were treated at this time. The Catch Basin Program will continue its efficacy sampling sites to monitor efficacy of each product throughout the District.

Invasive Aedes Control Program

The Department conducted 298 site visits, distributed 109 door hangers, and completed 41 inspections, resulting in 18 larvicide treatments and 3 adulticide treatments. Mosquito activity remained low, consistent with early-season conditions as a total of 147 BG traps were set, yielding only 27 detections, along with 2 confirmed larval detections. Staff responded to 17 specific service requests related to urban day-biting mosquito activity. The Department will continue to respond to requests while actively monitoring known detection areas.



Pool Program

The District's green pool mailer program sent 250 notices to homeowners in Zones 27 (North Sacramento Area) and 47 (Elk Grove Area) in March. In response to the mailers, at the time of this report, 122 of those property owners have contacted the District on the current status of their pool including requesting assistance in treating mosquito larvae if it is not maintained as an operational blue pool. Subsequent mailers in urban zones will continue to be mailed out this Spring.

Yellow Jacket Control

Sacramento Control crews collected the first round of baited yellow jacket traps in an effort to capture emerging yellowjacket queens looking to start new colonies. They will continue to trap emerging queens until no more new queens are being trapped.

PUBLIC INFORMATION AND EDUCATION
Monthly Report for May Board Meeting

Events:

May is one of our busiest months for community outreach, with a total of eight scheduled events. Among the highlights is Walk on the Wildside at Stone Lakes National Wildlife Refuge, a popular event featuring wetland tours, conservation exhibits, and family-friendly activities. After a several-year absence, we also returned to Yolo County Farm Connection Day, where students learned about agriculture through interactive booths, live demonstrations, and hands-on activities. The event remains one of the area's most popular school field trips, and students enjoyed learning about mosquito prevention.

In addition, the District will participate in the Yamarka Festival for the first time, expanding outreach efforts to the local Russian-speaking community.

May events:

- May 1: Farm Day
- May 2: Snake Fest
- May 2: Earth Fest at the Sacramento Zoo
- May 9: iFest in Rancho Cordova
- May 15: Celebrate Davis
- May 16: Yamarka Festival
- May 16: A Walk on the Wildside
- May 23: International Kids Day

Advertising

The 2026 advertising campaign officially kicked off during Mosquito Awareness Week (MAW), with radio commercials airing on both English and Spanish stations to announce the start of mosquito season and encourage residents to take preventive measures and utilize District services.

Beyond MAW, the broader 2026 media plan is nearing completion. The campaign will feature a diverse mix of advertising platforms, including television, radio, outdoor billboards, digital advertising, and cable ads. Contracts are currently being finalized by our media consultant in coordination with District staff.

CW 31 and Rivercats Partnership

In addition to the traditional components of our advertising campaign, we are continuing our partnership with local television station The CW 31 and the Sacramento River Cats. As CW 31 broadcasts River Cats home games throughout the season, our media buy includes live on-air mentions featuring mosquito prevention messaging and reminders to utilize District services.

The partnership also includes sponsorship of the “Swat of the Game” segment, which features a live prevention message along with the District’s logo and website, helping reinforce seasonal mosquito awareness to a broad regional audience.

Government affairs:

As part of our government affairs efforts and outreach to local elected officials, we have coordinated and scheduled annual District update presentations with all cities in our service area. The following presentations are set to take place in May:

- May 5: Davis
- May 12: Folsom
- May 13: Elk Grove
- May 18: Rancho Cordova
- May 19: Woodland
- May 20: West Sacramento
- May 27: Citrus Heights

School Program

Our school outreach program remains active, with “What Bugs You” assemblies—coordinated in partnership with Red Shoe Productions—currently taking place at various schools throughout the region. In April, we hosted eight assemblies, reaching approximately 2042 students, along with teachers and school staff. The following assemblies are scheduled for May:

May:

- May 13: Witter Ranch Elementary
- May 22: Bowling Green Elementary
- May 30: Mangini Ranch Elementary

Social Media

Our social media efforts continue and to date we have 14,000 followers on Facebook. Content is focused on community events, reporting dead birds, promotion of District services and tick prevention for Lyme Awareness Month.

Repellent Distribution and materials

We continue to receive requests for repellent wipes from various community organizations. In recent weeks we have donated wipes to sever baseball little leagues in Yolo County as well as a fire station in West Sacramento.

Sacramento-Yolo Mosquito and Vector Control District

May 19, 2026 Board Meeting

4. Board Review and Discussion of District Plan for 2026 Rice Larvicide Applications and Aerial Adulticiding Program

Staff Report:

RICE LARVICIDE PROGRAM

The District anticipates a slight increase in rice acreage for 2026 compared to last year (~41,006 acres), based on favorable rainfall observations, early discussions with rice growers, and current water availability. Staff will provide a better estimate for rice acreage during the June Board meeting.

The District will continue to use *Bacillus thuringiensis var. israelensis* (Bti) products as the primary active ingredient in its larvicide program. Both liquid and granular formulations will be applied across conventional and organic rice. During the previous season, the District applied approximately 1,188 gallons of liquid larvicides and 489,763 pounds of dry granular products.

It should be noted that products approved for organic rice production are generally more expensive than those used in conventional rice. One exception is the newer product, Summit Bti; however, its availability remains limited for the current season. To enhance mosquito control in organic rice habitats, the District will continue stocking rice fields with mosquitofish at higher rates than those used in conventional rice fields.

Cost of Larvicide Products used in Rice for 2026 Season

<u>Product</u>	<u>Cost</u>	<u>Cost per Acre</u>	<u>Organic</u>
Vectobac 12AS (8-16 floz/ac)	\$33.16/gal	\$2.07-\$4.15	No
Vectobac WDG (3-5 oz/ac)	\$39.89/lb	\$7.48-\$12.47	Yes
Vectobac GR (5 lb/ac)	\$2.07/lb	\$10.35	Yes
Vectobac GS (5 lb/ac)	\$1.70/lb	\$8.50	No
Vectobac FG+ (3 lb/ac)	\$4.07/lb	\$12.21	Yes
Summit Bti (5 lb/ac)	\$1.50/lb	\$7.50	Yes – New
Altosid Liquid (1 oz/ac)	\$1,106.60/gal	\$8.65	No
Duplex (liquid Bti + Altosid)		\$14.87	No

The District will continue and expand upon using scheduled weekly larvicide treatments on rice fields from July to late September as used in previous years. This process increases technicians

availability in their assigned zones to be treating other sources, while still providing timely rice larvicide treatments. The scheduled treatment program will continue to be implemented in buffer zones around dense population areas for the 2026 season. Rice larval inspections (dipping) will still be performed in treatment areas periodically to assess effectiveness of treatments.

Farm Air Flying Service will continue to serve as the District's primary aerial larvicide applicator, as their performance has consistently met expectations. In addition, smaller acreages will be treated by the District's drone contractor, Central UAS Technologies (formerly Leading Edge Aerial Technologies, LLC).

AERIAL ADULTICIDE PROGRAM

The District will continue its contract with Vector Disease Control International (VDCI) to perform aerial adult mosquito control. Our portion of the contract specifies a minimum acreage of 530,000 acres of treatments at the contract price. Any overage is charged as an additional expense. Last season we treated 536,881 acres due to mosquitoes production in rice field habitats along with West Nile virus activity.




Adulticide treatments in the rice habitat last year involved both aerial applications by VDCI and truck applications by District field technicians. We will continue utilizing both application methods this season and plan on continuing our evaluations of our treatments to further maximize our effectiveness.

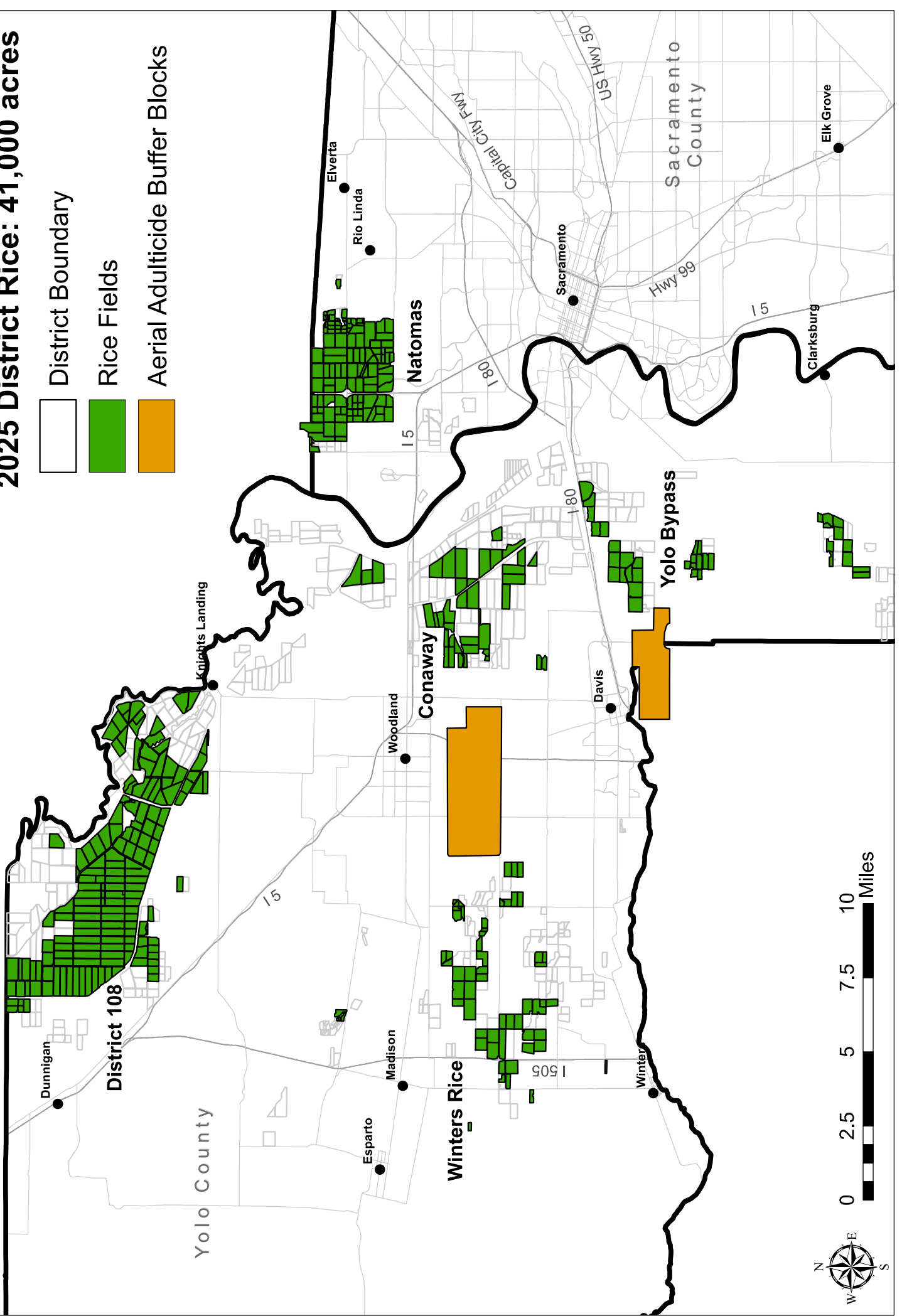
The District's adult mosquito control program utilizes two main products during the year. Pyrethrin is used exclusively at the beginning of the season and then the District adds Naled mid-season until the end of the mosquito breeding season. Occasionally the District has used Merus 3.0 which is a natural pyrethrin based adulticide labeled for aerial applications over organic rice fields in previous seasons. Organic fields present a challenge in controlling adult mosquitoes as Merus 3.0 is the only registered product available for any type of ULV applications over organic properties. This year the District will use Merus 3.0 on an as needed basis for WNV response to control adult mosquitos over organic rice growing areas. The cost of this organic approved product is \$6.62 per acre at 2.0 fl oz per acre vs the typical cost of \$.92 per acre at 0.61 fl oz per acre for conventional pyrethrin products. The following is an acre breakdown for each of the rice growing areas the District treated aerially last year as identified with the attached map.

Conaway (Organic Rice)- 2 applications
Natomas -90045 acres -13 applications
Davis Area -129,382 acres -25 applications
Merritt -67,155 acres -10 applications
District 108 -139,056 acres -13 applications
Winters Rice – 93,637 acres – 10 applications

Recommendation **Report to Board**

2025 District Rice: 41,000 acres

-  District Boundary
-  Rice Fields
-  Aerial Adulicide Buffer Blocks



Sacramento-Yolo Mosquito and Vector Control District

May 19, 2026 Board Meeting

5. Board Review and Discussion of District Projects and Collaborations for the 2026 Season

Ongoing Projects:

Expanded dog heartworm surveillance across new sites with in-house gel PCR development

Building on baseline infection rates established in 2024 and 2025, this project expands heartworm (*Dirofilaria immitis*) surveillance in two ways. First, using the District's EVS trapping efforts to test additional species for heartworm and second, supplemental trapping will be conducted at dog parks and other high-risk sites across new areas of Sacramento and Yolo counties not previously sampled. In parallel, the district will develop and validate an in-house PCR protocol for *Dirofilaria immitis* detection.

Controlling *Aedes aegypti* with Sterile Insect Technique (SIT): The District will continue to evaluate the use of sterile insects for the control of *Aedes aegypti*. The Natomas area will be evaluated for potential year 2 suppression effects and an expanded release program will take place in the Rosemont area from July – October.

Effectiveness of Operational Mosquito Control: In addition to evaluating the routine products we use to control adult and larval mosquitoes, this year the District will also evaluate several products with FIFRA Section 25(b) labels for minimum -risk pesticides that are exempted from EPA registration.

New Projects:

Preliminary development and evaluation of a larval light trap

Larval phototaxis has been demonstrated in laboratory settings, yet no operational larval surveillance tool based on light attraction has been developed or evaluated for vector control programs. Prior work has shown that purple and UV-A wavelengths can attract mosquito larvae in aquatic settings, and a patented light-based larval trap design exists, but field application remains unexplored. This project will design and test a prototype larval light trap under field conditions, using larval density assessed through standard dipping as the primary metric to determine whether the trap produces a detectable metric.

Effects of rearing density on insecticide resistance bioassay outcomes using laboratory colonies

This project will use established laboratory colonies of *Culex pipiens/tarsalis* to investigate whether rearing density during larval development affects resistance measurements. Mosquitoes will be reared at multiple controlled densities and subsequently tested using standardized bioassay protocols to determine whether knockdown times and mortality rates vary as a function of larval crowding. Results will inform best practices for resistance monitoring and improve the comparability of bioassay data across laboratories and field programs.

Development and validation of a Y-tube olfactometer choice assay platform for mosquito repellent and attractant testing

This project will focus on building and validating an in-house Y-Tube olfactometer platform at the district, establishing standardized protocols for airflow, mosquito acclimation, replicate design, and data collection. Once validated, this platform will serve as a flexible tool for future testing of repellents, attractants, pesticide formulations, and other volatile compounds of operational interest.

Seasonal dynamics of insecticide resistance in field populations of *Culex pipiens*

This project will conduct repeated resistance testing of *Culex* populations collected from two locations at regular intervals throughout the 2026 season using the CDC bottle bioassay. By tracking resistance phenotypes longitudinally within the same populations, the study aims to determine whether resistance levels change over time and, if so, whether those changes correlate with operational insecticide applications or seasonal shifts.

Collaboration with Andrea Swei (San Francisco State University): Tick tube deployment and evaluation of acaricide-based tick control

Originally planned for the 2025 season, this collaboration with Dr. Andrea Swei at San Francisco State University will be implemented in 2026. The project will evaluate the effectiveness of tick tubes, cardboard tubes filled with permethrin-treated cotton, as a targeted acaricide delivery method for reducing *Ixodes pacificus* and other tick populations in woodland and grassland habitats. Tick tubes will be deployed across selected sites during the summer months, with the treated cotton collected by rodents for use as nesting material, thereby exposing immature ticks to acaricide during host contact. Tick density will be assessed through drag sampling conducted in the winter to evaluate whether summer tick tube deployment produces a measurable reduction in tick populations.

Recommendation: Report to Board

Sacramento-Yolo Mosquito and Vector Control District

May 19, 2026 Board Meeting

6. Board Review and Discussion of Draft District Budget for 2026-2027

Staff Report:

Please find enclosed the first draft of the 2026-2027 District Budget.

A few highlights of the draft budget:

- 1) Revenue projections are estimated to be 3% higher in Sacramento County and 3% higher in Yolo County.
- 2) The District has not received our allotment from the April property tax payments yet, so our revenue estimates could increase.
- 3) The District is planning on researching capital expenditure projects this fiscal year including expansion of changing areas/locker room, additional worksite trailer. Planned purchases of equipment needed to conduct daily activities across various departments will also be considered.
- 4) The Consumer Price Index (CPI) for the West Region (as found on the U.S. Department of Labor, Bureau of Labor Statistics web site) for March 2026 is ~3.1%.

Recommendation:

For Board review and discussion. Staff will bring the 2026-2027 Budget to the Board again in June as another draft and then for adoption at the July meeting.



Sacramento-Yolo Mosquito and Vector Control District

Fiscal Year 2026-2027 Budget

ANTICIPATED REVENUES AND ESTIMATED EXPENDITURES

Revenues

Fiscal year revenue is determined through a growth forecast provided by the auditor controller of each County. These estimates are based on the preliminary tax rolls as of July 1. Several revenue categories are affected by property tax growth within Sacramento and Yolo Counties. These categories consist primarily of current secured and current unsecured tax monies. The District apportionment factor for secured and unsecured properties ranges between 0.007-0.008 of 1% of total valuation. The current state of the economy is concerning so we are using a conservative 3% increase in revenues for FY 26-27.

Year	SACRAMENTO COUNTY		YOLO COUNTY	
	ROLL VALUES	PERCENTAGE +/-	ROLL VALUES	PERCENTAGE +/-
2025 - 2026	\$ 244,028,775,716	5.33%	\$ 39,707,541,619	4.50%
2024 - 2025	\$ 231,677,621,525	5.21%	\$ 37,997,277,511	5.16%
2023 - 2024	\$ 220,199,116,417	5.89%	\$ 36,132,390,615	6.87%
2022 - 2023	\$ 207,950,908,628	4.13%	\$ 33,810,030,902	7.23%
2021 - 2022	\$ 199,704,342,326	5.19%	\$ 31,529,700,763	4.45%

Anticipated Revenues

Anticipated revenues are generated from past performance with projections added from assessed value growth in both counties. The current housing market is slowing down but with higher prices due to the interest rates. We conservatively anticipate fiscal year 2026-2027 revenues, including supplemental tax and non-tax revenues, to be approximately **\$23,271,840** as outlined below including a 3% increase over last year:

Sacramento County Property Tax Revenues	\$ 20,117,469
Minus property tax administration fees	\$ 155,000
Subtotal	\$ 19,962,469

Yolo County Property Tax Revenues	\$ 3,204,371
Minus property tax administration fees	\$ 25,000
Subtotal	\$ 3,179,371

Anticipated Total Property Tax Revenue	\$ 23,141,840
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Anticipated Interest Earnings	\$ 45,000
Other Tax Revenues	\$ 40,000
Other Revenue (rent, mosquito control payments, etc.)	\$ 45,000

Anticipated Total Revenues for FY 2024-2025:	\$ 23,271,840
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Cash In Bank

The District will start off with “cash in bank” often equal to the amount of revenue received for a fiscal year, and may give the appearance of over-funding, but does not take into account the need

for “dry financing” cash to sustain operations between tax receipts. The District anticipates starting the 2026-2027 fiscal year with just over \$16,000,000.

District Fund Balance-Pursuant to Resolution 06-21-11 (District Fund Balance Policy), District reserves have been placed in the following three categories:

Committed Fund Balance

The Board of Trustees, as the District’s highest level of decision-making authority, may commit fund balance for specific purposes pursuant to constraints imposed by formal actions taken, such as a resolution. These committed amounts cannot be used for any other purpose unless the Board of Trustees removes or changes the specified use through the same type of formal action taken to establish the commitment. The Board of Trustees action to commit fund balance needs to occur within the fiscal reporting period; however, the amount can be determined subsequently.

- **Reserve for Vector / Disease Response**

The District’s General Fund balance committed for a public health emergency is established at \$3,000,000. The specific uses include overtime hours, additional aircraft work, and additional larval control in the event of a public health emergency requiring immediate District response that cannot be absorbed through the existing budget.

- **Capital Expenditures**

Fund balance levels must be sufficient to meet funding requirements for capital expenses of: capital outlay, research, and building improvement. \$700,000 is currently assigned for this category.

<u>26-27 Proposed Capital Expenditures</u>	
Ecological Management	
Hydraulic Dump Trailer	\$12,000
7011 – Eco Management Total	\$12,000
Laboratory	
TissueLyser	\$15,000
PCR Gel Deck	\$1,000
7011 – Lab Total	\$16,000
Information Technology	
Server/Networking	\$5,000
Desktop Upgrades	\$4,800
Supervisor Laptop Upgrades	\$4,000
7011 – Information Technology Total	\$13,800
Control	
UTV Trailer (x2)	\$8000
7011 – Control Total	\$8000
Shop	
Welder	\$9,000
Upright Band Saw	\$5,000

7011-Shop Total	\$14,000
7011-Capital Outlay Total	\$63,800
Construction in Progress	\$0
1510-Construction in Progress Total	\$0
Building Improvement	
Expand Staff Changing Area (Women's)	\$150,000
Update Meeting Room	\$200,000
Remove Unused Oil Tank	\$ 200,000
7035-Building Improvement Total	\$ 550,000
Research	\$ 50,000
AMCARF	\$ 100,000
7030 -Research Total	\$ 150,000
Grand Total All Capital Outlay Accounts	\$ 763,800

Assigned Fund Balance

Amounts that are constrained by the District's *intent* to be used for specific purposes, but are neither restricted nor committed, should be reported as assigned fund balance. District policy delegates the authority to assign amounts to be used for specific purposes to the Manager for the purpose of reporting these amounts in the annual financial statements.

- **Salaries and Benefits**

Fund balance levels must be sufficient to meet funding requirements for salaries, PERS retirement, group insurance, and unemployment insurance.

- **Operational Expenditures**

Fund balance levels must be sufficient to meet funding requirements for operational functions of: liability insurance, auditing/fiscal services, communications, public information, structure and grounds, membership/education/training, office, professional services, material and supplies, rents and leases, safety program, utilities, aircraft services, ecological management, microbials, biorationals, insecticides, fisheries, geographic information systems, information technology, control operations, vehicle parts and labor, lab services, gas and petroleum.

- **Cash with Fiscal Agent**

Fund balance levels must be sufficient to meet funding requirements of the Vector Control Joint Powers Agency. The established prudent balance is figured using two potential "hits" or cases per category as illustrated in the table below.

The projected balance at 6/30/26 is anticipated to be \$2,110,552 and will be updated with a final balance once the last quarter and year-end gain/loss reports have been made available.

Policy/Payment Type	Deductible	Premium	x2
Workers' Comp	\$ 50,000		\$ 100,000
Liability	\$ 50,000		\$ 100,000

APD	\$ 500		\$ 2,000
Property	\$ 500		\$ 1,000
26-27 Premium to be Invoiced		\$ 667,069	\$ 1,334,138
		Suggested Prudent Balance	\$ 1,437,138
		Estimated Balance as of 6/30/2026	\$ 2,110,552
		Est. Payment to Maintain Prudent Balance	\$ -

Unassigned Fund Balance

These are residual positive net resources of the general fund in excess of what can be properly classified in one of the other four categories. This accounts for the need of “dry financing” cash to sustain operations between tax receipts, as well as any reductions in revenues from unrealized growth. District staff anticipates this to be approximately \$3,645,000 as illustrated in the chart below.

District Estimated Reserves & Fund Balance at 6/30/26	
Cash in County Treasury	\$ 16,000,000
Disease Response	\$ 3,000,000
Capital Outlay	\$ 700,000
Building Improvement Fund	\$ 1,500,000
Dry Financing	\$ 7,500,000
Unassigned Reserves	\$ 3,300,000

ANTICIPATED EXPENDITURES

Staff has been in contact with both Sacramento and Yolo County Assessor's offices along with CalPERS to assess future revenue limitations. The general consensus is that the long term fiscal impacts are not currently known.

Personnel Expenditures

The District expenditures for salaries, temporary help, retirement and insurance are \$10,991,345. Per previous Board direction, this figure does not include 4 Board authorized positions that staff are proposing to continue to leave vacant.

The Consumer Price Index (CPI-U) for the West Region as found on the U.S. Department of Labor, Bureau of Labor Statistics web site for March 2026 is ~3.1%.

The following categories are breakdowns of the Personnel Expenditures:

Retirement Fund-5110 & 5115

The Tier 1 (2.5% at 55 with 35 employees in this tier) employer contribution rate is comprised of the Normal Cost, the UAL, and the employee contribution of 8.00% .

The Normal Cost for FY 26/27 is 14.65%. The unfunded liability for Tier 1 and Tier 2 is budgeted for \$700,000. The UAL is currently at a funding status of 85.4% up from 80.8% last fiscal year, however this does not include the additional discretionary payment that was credited to our account in July of 2025. We estimate that our actual UAL may be closer to \$700,000 total.

The Tier 2 (2% at 62 with 39 employees in this tier) employer contribution rate is comprised of the Normal Cost (FY 25/26 is 8.21%) and the UAL.

Staff is proposing to maintain a more aggressive payment schedule to help pay down this liability as noted in the budget to decrease long-term interest costs to the District.

PERS Retirement Normal Costs

2025-2026 Budget	Proposed 2026-2027 Budget
\$997,994	\$1,036,809

PERS Retirement Unfunded Accrued Liability (UAL)

2025-2026 Budget	Proposed 2026-2027 Budget
\$3,385,922	\$700,000

Group Insurance-5130

District policy for group insurance funds up to \$1,400 per employee per month if medical insurance is taken and \$650 per employee per month if medical insurance is waived. This provides funds for employees to purchase major medical, dental, vision, long-term disability, and basic life insurance. Benefits are provided on a calendar year basis and rates for the second half of the fiscal year are not known until renewal occurs in the fall.

2025-2026 Budget	Proposed 2026-2027 Budget
\$1,100,00	\$1,150,000

Retiree Insurance 5131

When establishing the CERBT account for Other Post-Employment Benefits (OPEB) the District made a payment to fully “Fund” the account. The actuarial valuation of the account is done every two years adjusting for changes in the demographics, assumptions and discount rate of the group. Staff recommends paying the cost of premiums for current retirees estimated at \$115,000 for the fiscal year. No payments to the Trust are proposed with this budget.

2025-2026 Budget	Proposed 2026-2027 Budget
\$90,000	\$60,000

Unemployment Insurance-5140

Unemployment expenses vary year to year depending on the number of unemployed employees, the number of months unemployed, and the amount of salary received prior to release from employment.

2025-2026 Budget	Proposed 2026-2027 Budget
\$40,000	\$40,000

Worker’s Compensation-5150

The workers’ compensation budget consists of the amount to cover all claims for the current year and is programmed to fund current claim expenses that continue for up to 48 months. The Vector Control Joint Powers Agency determines the District’s 2026-2027 fiscal year payment based on the estimated annual payroll and is adjusted to the actual annual payroll and claims experience at the end of the fiscal year.

2025-2026 Budget	Proposed 2026-2027 Budget
\$236,394	\$275,429

Operational Expenditures

Each category is listed in the following pages with a brief description of the items in the various categories.

Liability Insurance-5210

The liability insurance account provides coverage for general liability, vehicle liability, automobile comprehensive and collision coverage, property damage, boiler machinery coverage, airplane coverage, employment and overhead expenses for services which do not directly relate to any particular insurance program. The estimated rates for all liability coverage are based on annual payroll and claims as provided by the VCJPA.

2025-2026 Budget	Proposed 2026-2027 Budget
\$360,492	\$391,640

Auditing / Fiscal Fee-5250

All services for auditing and preparation of the State Controller's report are drawn from this account, as well as GASB compliance procedures and documents.

2025-2026 Budget	Proposed 2026-2027 Budget
\$20,000	\$20,000

Communications-5270 & 6250

Monthly service and maintenance for telephones, mobile phones, and any new installations draw from this account. Established internet connections for laptops and tablets are also reflected in this category. This includes our office phone system and communication devices used by our field personnel.

2025-2026 Budget	Proposed 2026-2027 Budget
\$100,000	\$100,000

Public Information Programs-5310

Services and supplies for the education program include pamphlets, bookmarks, stickers, leaflets, and booth entry fees. We intend to have an aggressive outreach program to educate the public regarding WNV, invasive species, and other mosquito issues.

2025-2026 Budget	Proposed 2026-2027 Budget
\$678,000	\$698,000

Structure and Grounds-5340

This account provides for expenditures needed to build, maintain, and repair the structures, buildings, and grounds at District-owned facilities. This includes maintenance costs such as air conditioning, painting, plumbing, electrical, herbicides and other repairs.

2025-2026 Budget	Proposed 2026-2027 Budget
\$183,000	\$183,000

Memberships, Education, and Training-5370

This fund provides for AMCA and MVCAC conference and meeting expenses, which are attended by Trustees and District staff. Other items include MVCAC and AMCA dues, publications, and employee training (computer, supervisory, etc.). Travel to various association meetings has been included.

2025-2026 Budget	Proposed 2026-2027 Budget
\$170,000	\$170,000

Office Expenses-5390

All costs for office equipment maintenance, maps, postage, stationary, office supplies, field binders and books are included in this account.

2025-2026 Budget	Proposed 2026-2027 Budget
\$25,000	\$25,000

Professional Services-5430

This account provides for attorney fees, consultant fees, soil/water testing, pre-employment physicals, uniforms, drug testing, water quality compliance, aerial surveys and related outside services.

2025-2026 Budget	Proposed 2026-2027 Budget
\$350,000	\$350,000

Materials and Supplies-5440

The materials and supplies category covers a large number of items that are used in the shop and the field but are not accounted for in other areas.

2025-2026 Budget	Proposed 2026-2027 Budget
\$16,000	\$16,000

Rents and Leases-5450

This category funds special shop tools, copiers and large format printer, field equipment, and other items that are rented/leased.

2025-2026 Budget	Proposed 2026-2027 Budget
\$91,000	\$50,000

Safety Program-5470

This category funds the District Safety Program.

2025-2026 Budget	Proposed 2026-2027 Budget
\$5,000	\$5,000

Utilities-5480

Utility charges to the District are forecast based on previous year expenditures.

2025-2026 Budget	Proposed 2026-2027 Budget
\$140,000	\$140,000

Aircraft Services-6120

This item reflects the contract with VDCI to address adult mosquito control, as well as Farm Air and Leading Edge larviciding work. We intend to perform validation trials to ensure we are getting maximum performance from our larviciding treatments.

2025-2026 Budget	Proposed 2026-2027 Budget
\$1,179,000	\$1,329,000

Ecological Management Department-6140

This category is used to track our expenses to enhance BMP practices on various land uses including, but not limited to, agricultural, wetland, or other similar habitats. We propose to continue to assist in the implementation of BMP’s with this category.

2025-2026 Budget	Proposed 2026-2027 Budget
\$23,000	\$25,000

Microbial-6160

This category incorporates various larvicide materials including Bacillus thuringiensis, Bacillus sphaericus. This account is used for field larvicides and any laboratory experiments. The District’s SIT program is also housed in this account as Wolbachia is a registered pesticide. The expenditure in this account can vary from year to year depending on the amount of water available for irrigation of agricultural crops and wetlands.

2025-2026 Budget	Proposed 2026-2027 Budget
\$1,800,000	\$3,200,000

Biorationals-6170

This category incorporates various larvicide materials with methoprene and spinosad as active ingredients. This account is used for field larvicides and any laboratory experiments. The expenditure in this account can vary from year to year depending on the amount of water available for irrigation of agricultural crops and wetlands.

2025-2026 Budget	Proposed 2026-2027 Budget
\$1,200,000	\$1,400,000

Insecticides-6180

This category incorporates all of the materials used for adulticiding or oils for larviciding including any District experiments. The expenditure in this account can vary from year to year depending on the amount of water available for irrigation of agricultural crops and wetlands. The increase over previous years budget incorporates the amount needed to fulfill the VDCI contract.

2025-2026 Budget	Proposed 2026-2027 Budget
\$950,000	\$1,060,000

Fisheries Department-6220

Our mosquito fish hatchery at Bond Road supplies the public with mosquito fish and other predatory fish. It also provides fish for rice fields, wetlands, and other relatively permanent water sites. The department also exchanges fish with outside Districts for genetic reasons.

2025-2026 Budget	Proposed 2026-2027 Budget
\$35,000	\$40,000

Geographic Information Systems-6280

This category addresses our Geographic Information programs, and includes expenses for aerial photographs, software updates, and printer capabilities. The department continues to work on the development of online source reporting and maintenance to streamline automation. The inclusion of new and emerging programs will be evaluated to help the District obtain up to date information.

2025-2026 Budget	Proposed 2026-2027 Budget
\$9,000	\$9,000

Information Technology-6320

This category addresses software requirements and hardware capabilities for all other administrative and department uses, and includes software licensing, hardware, and other associated costs.

2025-2026 Budget	Proposed 2026-2027 Budget
\$180,000	\$215,000

Control Operations-6350

All non-vehicle associated equipment such as sprayers, hand-cans, dusters, and safety equipment are provided for in this account.

2025-2026 Budget	Proposed 2026-2027 Budget
\$55,000	\$62,000

Shop -6370

The District uses this fund for all repairs, parts and maintenance to the trucks and associated spray equipment, tractors, backhoes, trailers, and ATV's the District owns. Also included in this account is the outside labor and service.

2025-2026 Budget	Proposed 2026-2027 Budget
\$134,250	\$156,000

Laboratory Services-6420

The Laboratory Services fund will continue to provide for the mosquito colony, the light trap program, the EVS surveillance program, tick surveillance program, resistance program, and general laboratory supplies and equipment.

2025-2026 Budget	Proposed 2026-2027 Budget
\$244,500	\$309,000

Gas and Petroleum Products-6450

Uncertainties in oil producing regions make this category volatile at best.

2025-2026 Budget	Proposed 2026-2027 Budget
\$200,000	\$200,000

Capital Outlay/CIP-7011 & 1510

An itemized list of all of the planned Capital Outlay and construction in progress expenditures is on page 4 of this report.

2025-2026 Budget	Proposed 2026-2027 Budget
\$258,500	\$63,800

Equipment/Vehicle Replacement-7016

This account is used as a reserve fund to pay for the replacement of the vehicle fleet by saving funds on an annual basis.

2025-2026 Budget	Proposed 2026-2027 Budget
\$0	\$0

Contingency-7021

This account is used to track contingency planning to address potential issues such as temporary shutdowns due to non-vector related public health emergencies or disasters made by the District.

2025-2026 Budget	Proposed 2026-2027 Budget
\$0	\$0

Emergency Vector Response-7022

This account is used to track unanticipated emergency responses made by the District. The District has \$3 million dollars in reserve in the event of a public health emergency requiring immediate District response that cannot be absorbed through the existing budget. This may include overtime hours, additional aircraft work, and additional larval control.

2025-2026 Budget	Proposed 2026-2027 Budget
\$0	\$0

Research Fund-7030

This account includes the annual donation to the AMCA Research Foundation and additional funds to support local research.

2025-2026 Budget	Proposed 2026-2027 Budget
\$125,000	\$150,000

Building Improvement Fund-7035

This account was created to enhance our existing buildings or address critical maintenance issues.

2025-2026 Budget	Proposed 2026-2027 Budget
\$395,000	\$550,000

2026-2027 Budget Summary

Personnel Expenditures-Salaries and Benefits: \$ 10,991,345

Operational Expenditures: \$ 10,153,640

Capital Expenditures: \$ 763,800

Total Expenditures: \$ 21,908,785

Total Anticipated Revenues: \$ 23,271,840

Projected Revenues over Expenses: \$ 1,363,055

Account Description	FY 26/27 Budget	FY 25/26 Budget
REVENUE	\$23,271,840	\$22,592,564
SALARIES/BENEFITS/WC	\$10,991,345	\$13,576,495
Administrative Department	\$1,487,035	\$1,418,964
Ecological Management Department	\$335,366	\$321,487
Shop	\$307,070	\$319,819
Control Ops Supervisors	\$725,361	\$789,378
Technicians	\$2,895,617	\$2,947,413
Seasonal Helpers	\$486,100	\$444,787
Biological Control: Lab Dept	\$1,195,485	\$1,174,587
Biological Control: Fisheries Dept	\$280,648	\$259,349
Trustee Monthly Meeting	\$16,425	\$16,800
P.E.R.S. Retirement Normal Costs	\$1,036,809	\$997,994
P.E.R.S. Retirement UAL	\$700,000	\$3,385,922
Group Insurance	\$1,150,000	\$1,100,000
Retiree Insurance Costs	\$60,000	\$90,000
Unemployment Insurance	\$40,000	\$40,000
Workers Compensation	\$275,429	\$236,394
OPERATIONAL	\$10,153,640	\$8,148,242
LIABILITY INSURANCE	\$391,640	\$360,492
AUDITING/FISCAL	\$20,000	\$20,000
COMMUNICATIONS	\$100,000	\$100,000
Telephone	\$45,000	\$45,000
Internet	\$30,000	\$30,000
Mobile Devices	\$25,000	\$25,000
PUBLIC INFORMATION	\$698,000	\$678,000
School Program	\$125,000	\$125,000
Publications	\$25,000	\$25,000
Marketing	\$50,000	\$50,000
Advertising	\$400,000	\$380,000
Events/Fees	\$97,000	\$97,000
Misc Admin	\$1,000	\$1,000
STRUCTURE & GROUNDS	\$183,000	\$183,000
Landscaping & Grounds	\$30,000	\$30,000
Building Services & Repairs	\$110,000	\$110,000
Janitorial	\$43,000	\$43,000
MEMBER/TRAINING	\$170,000	\$170,000
Travel	\$35,000	\$35,000
Conference/Training/Mtg	\$65,000	\$65,000
CDPH-Certification Expenses	\$20,000	\$20,000
Subscrip/Memshp/Dues	\$50,000	\$50,000
DISTRICT OFFICE EXPENSES	\$25,000	\$25,000
PROFESSIONAL SERVICES	\$350,000	\$350,000
Permits/Fees	\$15,000	\$15,000
Legal	\$90,000	\$90,000
Medical	\$5,000	\$5,000
Consulting	\$130,000	\$130,000
Security	\$10,000	\$10,000
Uniforms	\$75,000	\$75,000
Aerial Survey	\$25,000	\$25,000

MATERIALS & SUPPLIES	\$16,000	\$16,000
Water/Coffee	\$9,000	\$9,000
Janitorial Supplies	\$5,000	\$5,000
Locks/Keys	\$500	\$500
Kitchen	\$1,500	\$1,500
RENTS & LEASES	\$50,000	\$91,000
SAFETY PROGRAM	\$5,000	\$5,000
UTILITIES	\$140,000	\$140,000
AIRCRAFT SERVICES	\$1,329,000	\$1,179,000
Larviciding	\$820,000	\$730,000
Adulticiding	\$500,000	\$440,000
Trials	\$9,000	\$9,000
ECOLOGICAL MANAGEMENT	\$25,000	\$23,000
BMP Programs	\$2,000	\$2,000
Project Support	\$10,000	\$10,000
Small Equip Maintenance	\$6,000	\$4,000
UAS Program	\$7,000	\$7,000
MICROBIAL	\$3,200,000	\$1,800,000
BIORATIONALS	\$1,400,000	\$1,200,000
INSECTICIDES	\$1,060,000	\$950,000
FISHERIES	\$40,000	\$35,000
Medications & Feeds	\$18,500	\$16,000
Lab Supplies	\$1,500	\$1,500
Supplies/Dept. Equipment	\$20,000	\$17,500
GEOGRAPHIC INFO SYSTEMS	\$9,000	\$9,000
Software	\$7,600	\$7,600
Accessories	\$1,400	\$1,400
INFORMATION TECHNOLOGY	\$215,000	\$180,000
Hardware	\$22,000	\$30,000
Software	\$193,000	\$150,000
CONTROL OPERATIONS	\$62,000	\$55,000
Supplies	\$10,000	\$10,000
Control Items & Materials	\$11,000	\$10,000
PPE/Safety	\$27,000	\$25,000
Small Equipment	\$14,000	\$10,000
SHOP	\$156,000	\$134,250
Parts Vehicles	\$100,000	\$90,000
Outsource / Heavy Equipment	\$40,000	\$33,250
Equipment Parts & Repair	\$16,000	\$11,000
LAB SERVICES	\$309,000	\$244,500
Insectary	\$6,500	\$6,500
Gen'l Lab Supplies	\$5,000	\$5,000
Services	\$10,000	\$10,000
Surveillance	\$100,000	\$100,000
Sentinel Bird	\$0	\$0
Pesticide Testing	\$25,000	\$15,000
Services - Small Equipment	\$3,000	\$3,000
MB-Malaria	\$2,500	\$2,500
MB-Chicken	\$0	\$0
MB-PCR	\$150,000	\$96,000
Microbiology - General	\$7,000	\$6,500
GAS & PETROLEUM	\$200,000	\$200,000
CAPITAL ACCOUNTS	\$763,800	\$753,500

Capital Outlay/Construction In Progress	\$63,800	\$258,500
Research Fund	\$150,000	\$100,000
Building Improvement	\$550,000	\$395,000
CalPERS Additional Discretionary Payment		
TOTALS		
Salaries/Benefits	\$10,991,345	\$13,576,495
Operational	\$10,153,640	\$8,148,242
Capital Accounts	\$763,800	\$753,500
Total Budget	\$21,908,785	\$22,478,237

PROJECTED REVENUES \$23,271,840 \$22,592,564

TOTAL BUDGET \$21,908,785 \$22,478,237

PROJECTED REVENUES
OVER PROJECTED EXPENSES \$1,363,055 \$114,327