

Sacramento-Yolo
MOSQUITO & VECTOR
CONTROL DISTRICT

JUNE 17, 2025

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
June 17, 2025
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 May 20, 2025 Board of Trustees Meeting
- b. Expenditures for May 2025

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 to Increase District Purchasing Policy to \$35,000 for General Purchases and to \$150,000 for Pesticides**
5. **Board Review and Discussion of Draft District Budget for 2025-2026**
6. **Closed Session- Provide Instruction to Designated Labor Representatives (Gov. Code s. 54957.6 (a)-Labor Negotiations)**
7. **Board/Staff Reports and Requests**
8. **Adjournment**

Sacramento-Yolo Mosquito and Vector Control District

June 17, 2025 Board Meeting

1. Items for Approval by General Consent:

- a. Minutes of the May 20, 2025 Board of Trustees Meeting;
- b. Expenditures for May 2025

Recommendation:

Approve the Items by General Consent

**MINUTES OF THE MAY 20, 2025
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 Charles Duty at 10:00 a.m.

Trustees Present:

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

Staff Present:

Gary Goodman	Manager
Jennifer Buckman	Legal Counsel
Lisa Pelletier	Administrative Manager
Tony Hedley	Assistant Manager
Steve Ramos	Assistant Manager
Sarah Wheeler	Laboratory Director
Marty Scholl	Program Coordinator
Kevin Combo	Ecological Management Supervisor
Ken Harris	Biological Control Supervisor

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 April 15, 2025 Board of Trustees Meeting
- b. Expenditures for April 2025
- c. District Investment Report for Period Ending March 31, 2025

On a motion by Trustee Craig Burnett and seconded by Trustee Lyn Hawkins, the Board voted to approve the General Consent Items. The vote was taken and the motion passed 12 - 0 with 1 member absent.

2. Opportunity for Public Comment

None

3. Reports to the Board

Manager's Report: The Manager mentioned warming weather, with the start of the season and reported that the first round of West Nile testing was all negative. He summarized his trip to Washington D.C. last week for Legislative Week, commenting that it was productive. Future funding for CDC was discussed and encouraged, and current funding for vector borne disease seems stable. The Manager also updated the Board on the SIT program, which will be implemented in Natomas, which has approx. an 100 acre impact. The District continues its outreach efforts to the affected community. The District will release male mosquitos on Tuesdays and Fridays from July and through October. There are extensive plans to monitor, test and evaluate this study, and use the results for comparison with other locations. The District is also engaging with other districts to standardize the measurement of success.

Reports from District Departments:

Laboratory:

Lab Director Sarah Wheeler provides updates on insectary operations, surveillance programs, and vector-borne disease monitoring. Routine mosquito surveillance using gravid and locker traps shows population trends for *Culex tarsalis* and *Culex pipiens* are slow now with expected increases coming as the weather warms. Encephalitis vector surveillance is set to resume on May 19, while dead bird collection and Aedes surveillance are already underway, with *Aedes aegypti* activity confirmed in Sacramento for 2025. Tick surveillance will be wrapped up in May now that the weather is warming and humidity is dropping.

Ecological Management:

Ecological Management Department (ECO) Supervisor Kevin Combo provided the Board with updates on several key Best Management Practices (BMP) projects. Kevin explained that in response to a request from the Cosumnes River Preserve (CRP) manager, Ecological Management staff mowed approximately 14.5 miles of agricultural and wetland roads. This will improve access for District Control operations to conduct mosquito control activities and mitigate fire risks associated with dry vegetation. Furthermore, ECO staff diligently managed vegetation around nearly 12 acres of detention basins at the Hawk Creek Ranch Project in Yolo County, facilitating the deployment of mosquitofish and which reduces the reliance on chemical control methods.

Kevin attended multiple wetland management meetings with state and federal agencies. Kevin informed the Board that the District has been granted the use of Unmanned Aircraft Systems (UAS) on CRP managed property and is in the process of receiving a Special Use Permit where UAS will be allowed to be utilized on Stone Lakes National Wildlife Refuge (SLNWR). According to the refuge manager, SYMVCD will be one of the first mosquito districts to use UAS technology for mosquito control on federal refuges and preserves. This exciting development promises to revolutionize mosquito control efforts. UAS technology will allow for more precise and targeted application of control measures, potentially minimizing the amount of product needed and further reducing mosquito populations in a given area.

Biological Control:

Fisheries Supervisor Ken Harris provided an update on the Fisheries Department's activities through April. The department completed the transfer of mosquitofish from the netted ponds to open grow-out ponds. Fry were first observed on April 21st, indicating the mosquitofish season is on schedule. Feeding has been increased to twice daily, and the fish will continue to grow ahead of the rice stocking program, which is expected to begin in mid-to-late June. Ken noted that the team will seine outside sources if additional fish are needed.

Two new seasonal employees joined the department and have been assisting both Fisheries and Ecological operations, including cemetery vase inspections and cross-training with Aedes and Sacramento field staff. The department also constructed a new holding pen for the sheep and goat herd near the eastern ponds to aid in weed control. Lastly, in collaboration with CDFW, the first batch of Sacramento perch was stocked in the cement pond.

Larval and Adult Control:

Program Coordinator Marty Scholl reported on rice field checking and gave the current count of rice field acreage noting a more accurate total of rice field acreage will be available in the June meeting. Sacramento crews are managing pools and conducting pasture irrigations, with the first and second irrigations underway. Rice is beginning to flood in Natomas, and while there's more rice on Tyler Island, Twitchell Island currently has no rice. Yellow jacket traps are showing low collection numbers for queens. The Catch Basin crew is finding more *pipiens* during basin visits. The Aedes crew has reported low detection numbers in Land Park, Rosemont, Arden Park, South Sacramento, and Tahoe Park. However, larval detections have been found in Rosemont, Elk Grove, and Natomas. Trapping in Winters just began this week. They are also conducting barrier treatments and addressing backyard larval issues.

4. Board Review and Discussion of District Plan for 2025 Rice Larvicide Applications and Aerial Adulticiding Program

Assistant Manager, Tony Hedley, presented the District's 2025 Plan for mosquito control of agricultural lands (specifically the flooded rice fields), indicating multiple control methods including aerial sprays and mosquito fish. The Board is familiar with these treatments and supports the District's plans for the season.

5. Board Review and Discussion of District Projects and Collaborations for the 2025 Season

Laboratory Director, Sarah Wheeler, presented the following projects to the Board:

1. The potential of garden plants to assist in repelling mosquitos
2. Sterile Insect Technique (which was discussed previously)
3. Fungi and CO2 production testing for potential use in mosquito traps
4. Testing mosquito lineage to determine how resistance passes to younger generations
5. Dog heartworm testing will continue
6. Testing of pesticide efficacy in cemetery vases
7. Observing mosquito activity in sprayed areas versus non-sprayed areas to determine the significance of mosquito movement following treatment

6. Board Review and Discussion of Draft District Budget for 2025-2026

The Manager introduced the draft FY 2025-26 budget. The District is considering adding additional job roles to the organizational chart. The Board is supportive of a 2.2% CPI increase for the non-represented employees. The District will continue to negotiate with OE3 for the represented employees. The District will present a revised budget next month.

7. Closed Session – Provide Instruction to Designated Labor Representatives (Government Code Section 54957.6(a)-Labor Negotiations).

The Board went into closed session at 11:18 a.m. and finished at 11:36 a.m. District Counsel reported out of closed session that direction was given to the negotiating team.

8. Board/Staff Reports and Requests / General Discussion

The Manager discussed the need to revise the current purchasing policy as it relates to pesticide purchases, as the current limit of \$100,000 is becoming obsolete.

9. ADJOURNMENT

The meeting adjourned at 11:43 a.m.

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the May 20, 2025, meeting.

Lisa Pelletier, Administrative Manager

Approved as written and/or corrected by the Board of Trustees at the June 17, 2025, meeting.

Staci Gardiner, Board Secretary

Sacramento-Yolo Mosquito and Vector Control District
STATEMENT OF OPERATION
July 2024 through May 2025

	Jul '24 - May 25	Budget	\$ Over Budget
Ordinary Income/Expense			
Income			
4000 · REVENUE	13,967,023.49	20,718,525.00	-6,751,501.51
Total Income	13,967,023.49	20,718,525.00	-6,751,501.51
Gross Profit	13,967,023.49	20,718,525.00	-6,751,501.51
Expense			
5000 · SALARIES/BENEFITS/WC	13,244,636.21	12,519,219.00	725,417.21
5200 · OPERATIONAL			
5210 · LIABILITY INSURANCE	296,536.18	304,493.00	-7,956.82
5250 · AUDITING/FISCAL	37,000.00	25,000.00	12,000.00
5270 · COMMUNICATIONS	81,634.75	100,000.00	-18,365.25
5310 · PUBLIC INFORMATION	315,906.29	700,000.00	-384,093.71
5340 · STRUCTURE & GROUNDS	110,312.15	150,000.00	-39,687.85
5370 · MEMBER/TRAINING	114,588.57	167,500.00	-52,911.43
5390 · DISTRICT OFFICE EXPENSES	20,818.64	25,000.00	-4,181.36
5430 · PROFESSIONAL SERVICES	234,522.27	341,000.00	-106,477.73
5440 · MATERIALS & SUPPLIES	16,319.58	16,000.00	319.58
5450 · RENTS & LEASES	2,462,598.25	712,000.00	1,750,598.25
5470 · SAFETY PROGRAM	3,805.78	5,000.00	-1,194.22
5480 · UTILITIES	110,029.55	125,000.00	-14,970.45
6120 · AIRCRAFT SERVICES	822,595.66	1,179,000.00	-356,404.34
6140 · ECOLOGICAL MANAGEMENT	6,274.25	23,000.00	-16,725.75
6160 · MICROBIAL	804,086.36	1,200,000.00	-395,913.64
6170 · BIORATIONALS	815,403.41	1,200,000.00	-384,596.59
6180 · INSECTICIDES	785,035.26	900,000.00	-114,964.74
6220 · FISHERIES	42,973.45	35,000.00	7,973.45
6280 · GEOGRAPHIC INFO SYSTEMS	3,330.00	9,000.00	-5,670.00
6320 · INFORMATION TECHNOLOGY	205,991.12	130,000.00	75,991.12
6350 · CONTROL OPERATIONS	34,233.51	55,000.00	-20,766.49
6370 · SHOP DEPT	128,578.01	159,500.00	-30,921.99
6420 · LAB SERVICES	147,740.08	204,000.00	-56,259.92
6450 · GAS & PETROLEUM	142,285.42	210,000.00	-67,714.58
Total 5200 · OPERATIONAL	7,742,598.54	7,975,493.00	-232,894.46
62600 · Ask Accountant	0.00		
66000 · Payroll Expenses	-694.41		
Total Expense	20,986,540.34	20,494,712.00	491,828.34
Net Ordinary Income	-7,019,516.85	223,813.00	-7,243,329.85

	Jul '24 - May 25	Budget	\$ Over Budget
Other Income/Expense			
Other Income			
67001 · GASB 31 Fair Market Value	5,204.00		
67005 · Gain(Loss) on Sale of Assets	147,695.73		
Total Other Income	152,899.73		
Other Expense			
Sales Tax	0.00		
Shipping	0.00		
7000 · CAPITAL ACCOUNTS			
70010 · CAPITAL OUTLAY	179,735.18	330,000.00	-150,264.82
70070 · RESEARCH FUND	55,000.00	75,000.00	-20,000.00
70080 · BUILDING IMPROVEMENT	0.00	350,000.00	-350,000.00
Total 7000 · CAPITAL ACCOUNTS	234,735.18	755,000.00	-520,264.82
90999 · Suspense Expense	0.00		
Total Other Expense	234,735.18	755,000.00	-520,264.82
Net Other Income	-81,835.45	-755,000.00	673,164.55
Net Income	-7,101,352.30	-531,187.00	-6,570,165.30

Sacramento-Yolo Mosquito and Vector Control District

06/02/25

Check Register

Accrual Basis

May 2025

Num	Date	Name	Credit	Type
May 25				
59497	05/01/2025	Benefit Coordinators Corp.	9,226.60	Bill Pmt -Check
59498	05/19/2025	Airgas USA, LLC	206.04	Bill Pmt -Check
59499	05/19/2025	ArcSource	1,663.45	Bill Pmt -Check
59500	05/19/2025	AutoZone, Inc.		Bill Pmt -Check
59501	05/19/2025	Azelis - Adapco Inc	37,583.84	Bill Pmt -Check
59502	05/19/2025	Barnes Welding	1,730.84	Bill Pmt -Check
59503	05/19/2025	CDPH Vector-Borne Disease Account	13,000.00	Bill Pmt -Check
59504	05/19/2025	Chris Miller Consulting	1,000.00	Bill Pmt -Check
59505	05/19/2025	City of Woodland	206.15	Bill Pmt -Check
59506	05/19/2025	Cleanit Maintenance Systems LLC	2,995.00	Bill Pmt -Check
59507	05/19/2025	Costco Wholesale	65.00	Bill Pmt -Check
59508	05/19/2025	Culligan Quench	1,669.62	Bill Pmt -Check
59509	05/19/2025	Enterprise Fleet Management	270,143.73	Bill Pmt -Check
59510	05/19/2025	GreatAmerica Financial Services	376.28	Bill Pmt -Check
59511	05/19/2025	Hunt & Sons Inc	7,413.24	Bill Pmt -Check
59512	05/19/2025	Kimball Midwest	961.95	Bill Pmt -Check
59513	05/19/2025	MosquitoMate, Inc.		Bill Pmt -Check
59514	05/19/2025	PG & E	24.35	Bill Pmt -Check
59515	05/19/2025	Red Shoe Productions	13,500.00	Bill Pmt -Check
59516	05/19/2025	Sac Metro Air District (SMAQMD)	1,437.53	Bill Pmt -Check
59517	05/19/2025	Stericycle, Inc.	124.83	Bill Pmt -Check
59518	05/19/2025	T & S Intermodal Maintenance, Inc.	12,655.42	Bill Pmt -Check
59519	05/19/2025	Target Specialty Products	1,720.75	Bill Pmt -Check
59520	05/19/2025	Top Rank Heating Air Conditioning Inc	2,520.00	Bill Pmt -Check
59521	05/19/2025	Waste Management C & R, Inc.	232.76	Bill Pmt -Check
59522	05/19/2025	AutoZone, Inc.	571.18	Bill Pmt -Check
59523	05/19/2025	MosquitoMate, Inc.	20,236.00	Bill Pmt -Check
59524	05/19/2025	AutoZone, Inc.	72.52	Bill Pmt -Check
59525	05/20/2025	Benefit Coordinators Corporation	5,022.43	Bill Pmt -Check
59526	05/20/2025	Kaiser Foundation Health Plan	60,924.49	Bill Pmt -Check
59527	05/20/2025	P & A Administrative Services Inc	121.50	Bill Pmt -Check
59528	05/20/2025	Sutter Health Plan	15,863.58	Bill Pmt -Check
59529	05/20/2025	Western Health Advantage	9,713.96	Bill Pmt -Check
59530	05/20/2025	Western Health Advantage	2,433.03	Bill Pmt -Check
59531	05/20/2025	BKS Law Firm, PC	1,080.00	Bill Pmt -Check
59532	05/20/2025	Kimball Midwest	1,179.47	Bill Pmt -Check
59533	05/20/2025	Kingsley Bogard, LLP	4,403.00	Bill Pmt -Check
59534	05/20/2025	Nadel	9,384.75	Bill Pmt -Check
59535	05/20/2025	NearMap	14,715.00	Bill Pmt -Check
59536	05/20/2025	Spark Creative Design	319.50	Bill Pmt -Check
59537	05/20/2025	Top Rank Heating Air Conditioning Inc	15,000.00	Bill Pmt -Check
59539	05/20/2025	Top Rank Heating Air Conditioning Inc	129.00	Bill Pmt -Check
59540	05/22/2025	Azelis - Adapco Inc	7,207.08	Bill Pmt -Check
59541	05/22/2025	Dignity Health Med Fdtn-Sacramento	808.00	Bill Pmt -Check
59542	05/22/2025	Hunt & Sons Inc	1,945.47	Bill Pmt -Check
59543	05/22/2025	PG & E	1,070.82	Bill Pmt -Check
59544	05/22/2025	Spark Creative Design	3,256.88	Bill Pmt -Check
59545	05/22/2025	Target Specialty Products	3,122.56	Bill Pmt -Check
59546	05/28/2025	Barnes Welding	253.33	Bill Pmt -Check
59547	05/28/2025	Buckmaster Office Solutions	86.08	Bill Pmt -Check
59548	05/28/2025	Factory Motor Parts Co	31.89	Bill Pmt -Check
59549	05/28/2025	Hapn	14,855.03	Bill Pmt -Check
59550	05/28/2025	Hunt & Sons Inc	2,282.26	Bill Pmt -Check
59551	05/28/2025	PG & E	224.56	Bill Pmt -Check
59552	05/28/2025	Target Specialty Products	40,338.01	Bill Pmt -Check
59553	05/28/2025	Verizon Wireless	3,094.18	Bill Pmt -Check
W00476	05/05/2025	CalPERS Financial Reporting & Accounting	106,837.38	Check
59495	05/01/2025	Sean Denny-c	18.00	Check
59496	05/01/2025	Sean Denny-c	2,276.74	Check
1823	05/05/2025	O'Connor, McKenna - V	2,791.11	Check
59538	05/20/2025	Goodman, Gary W.	2,395.77	Check
59554	05/30/2025	CA State Disbursement Unit	350.00	Check
59555	05/30/2025	Operating Engineers Local Union No. 3	1,120.00	Check
W00477	05/30/2025	Nationwide Retirement Solutions	4,150.00	Check
W00478	05/30/2025	Nationwide Retirement Solutions	2,800.00	Check

May 25

742,941.94

Sacramento-Yolo Mosquito and Vector Control District

June 17, 2025 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

The season is moving along with crews responding to mosquito activity with surveillance and treating breeding sites where needed. The District has seen one positive mosquito collection in the Gibson Ranch area of Sacramento County. The District's surveillance has also continued to pick up *Aedes aegypti* in various locations throughout the District. We have responded with more surveillance and control efforts.

AMCA is still active in pursuing federal funding for both the SMASH Act and money for Vectorsurv. The budget markup for these topics is currently ongoing and we are scheduling follow-up visits and engagements with our key legislators.

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)**

LABORATORY

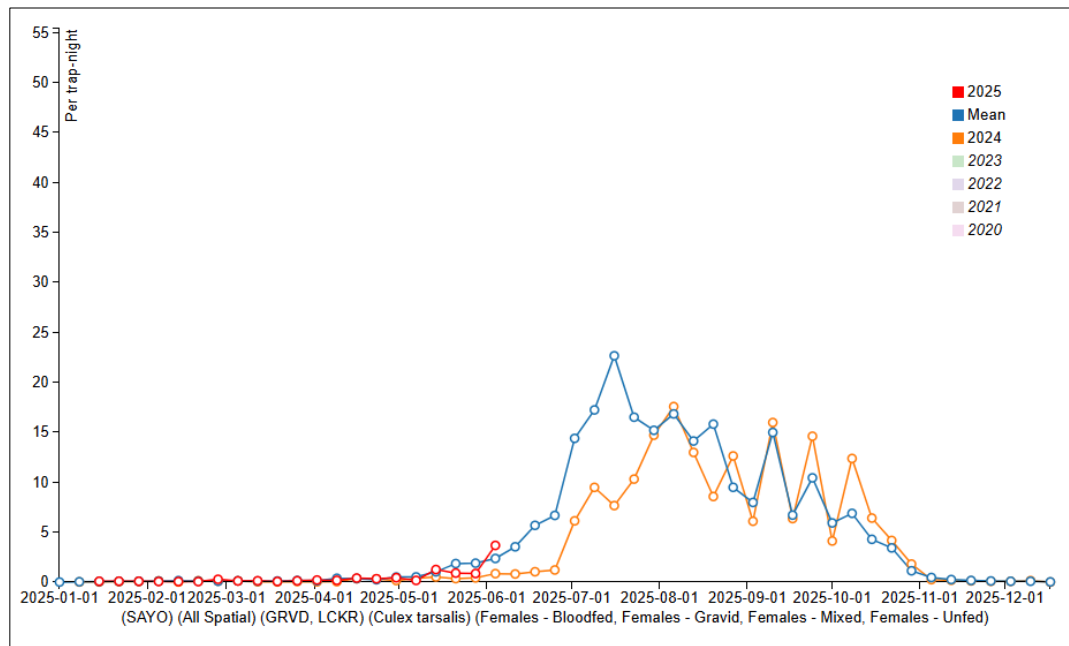
Monthly Report, June 2025 Board Meeting

Insectary:

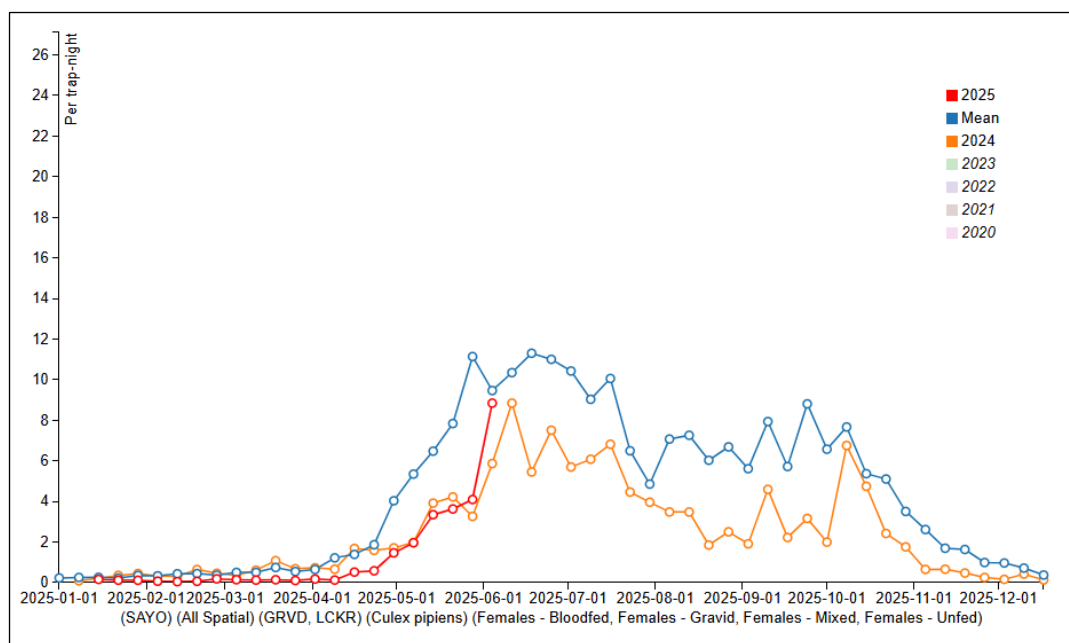
Species	Name	Origin	Resistance Status
<i>Culex tarsalis</i>	KNWR	Kern National Wildlife Refuge (2009)	susceptible
<i>Culex quinquefasciatus</i>	CQ1	Merced, CA (1950s)	susceptible
<i>Culex quinquefasciatus</i>	Sebring	Florida (1988)	susceptible
<i>Culex pipiens</i>	WCP	Woodland, CA (2023)	resistant: pyrethrins/pyrethroids, methoprene, and spinosad
<i>Culex tarsalis</i>	VFCT	Vic Fazio Yolo Wildlife Area (2024)	resistant: pyrethrins/pyrethroids
<i>Aedes sierrensis</i>		Sonoma County (2016)	susceptible

Surveillance update through 6/9/2025

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 seven days a week and provide stable abundance data.

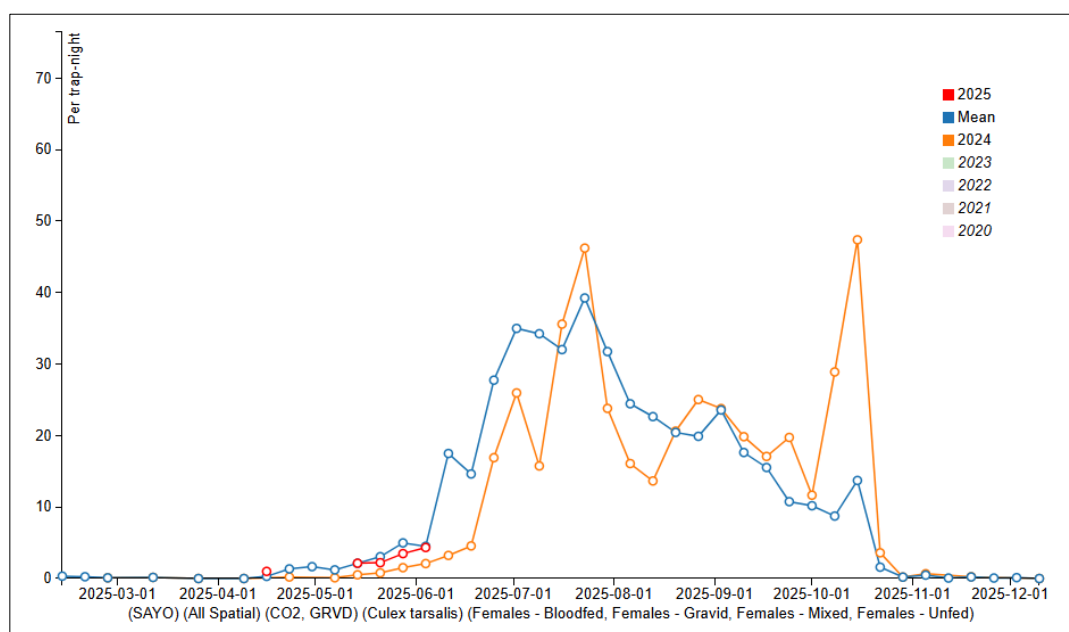


Culex tarsalis abundance in constant operation locker and gravid traps.

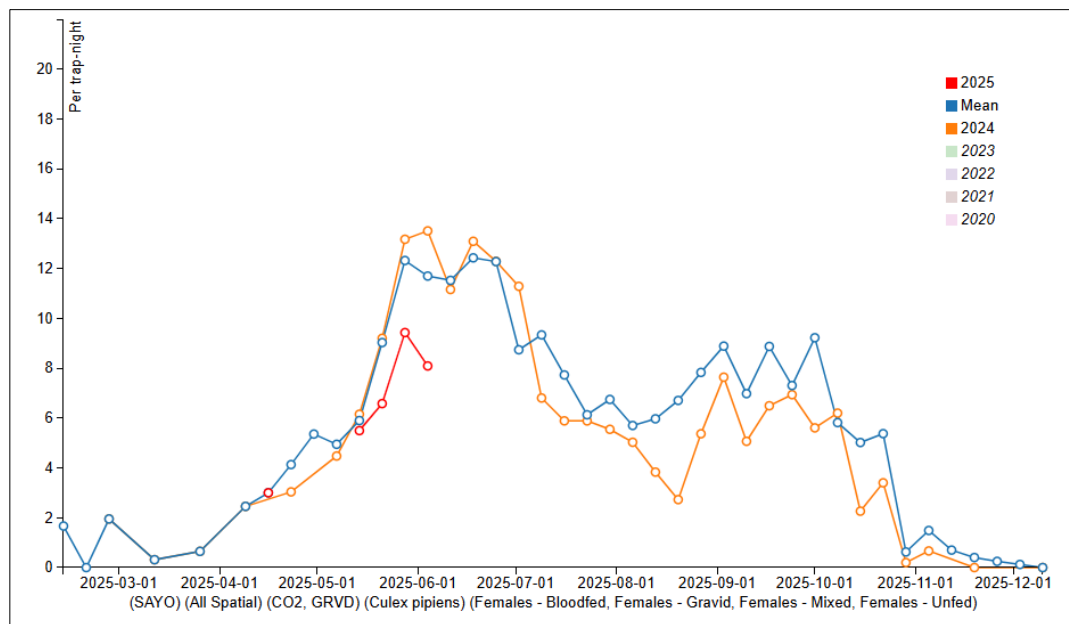


Culex pipiens abundance in constant operation locker and gravid traps.

Encephalitis Vector Surveillance (EVS) – Testing has begun for the season. *Culex pipiens* and *Culex tarsalis* are collected throughout Sacramento and Yolo Counties and tested for West Nile virus (WNV), Saint Louis Encephalitis (SLEV), and Western Equine Encephalitis (WEEV) viruses. Thus far 999 samples were tested from Sacramento (438) and Yolo (197). All samples were negative for WNV, SLEV, and WEEV.



Culex tarsalis collected in single-night CO2 and gravid traps



Culex pipiens collected in single-night CO2 and gravid traps

Dead bird surveillance – The dead bird call center is open and the District has begun collecting dead birds. A total of 125 dead birds were tested from Sacramento (112) and Yolo (13) Counties, all were negative for WNV.

Rice surveillance – Counter traps are now deployed in rice field agroecosystems (Winters, Natomas, Conaway, Yolo Bypass, and District 108) and are used to monitor mosquito abundance.

Human disease response surveillance – During May, three travel-related human cases of malaria and two of Chikungunya were reported to the District. *Anopheles freeborni* was detected in response to one of the reported malaria cases, all samples tested negative for *Plasmodium falciparum* and *P. vivax*. *Aedes aegypti* was detected in response to one of the Chikungunya cases. Specimens were sent to DART for testing, all samples were negative for Chikungunya virus.

***Aedes aegypti* trapping effort in Sacramento and Yolo Counties** – Surveillance for *Aedes aegypti* and *Aedes albopictus* has begun. *Aedes aegypti* activity was confirmed in Sacramento and Yolo Counties. The cumulative 2025 trapping effort is shown below.

City	County	Trap nights	2025 total males and females collected	
			<i>Aedes aegypti</i>	<i>Aedes albopictus</i>
Carmichael	Sacramento	16	2	
Citrus Heights	Sacramento	2		
Elk Grove	Sacramento	27	2	
Folsom	Sacramento	9		
Rancho Cordova	Sacramento	12	2	
Sacramento	Sacramento	390	96	
Winters	Yolo	37	24	

Tick surveillance – Tick surveillance has concluded for the season and will resume in November 2025.

The California Arbovirus Surveillance Bulletin Week 23, June 6, 2025

2024 & 2025 YTD West Nile Virus Comparisons		
	2024	2025
Total No. Dead Bird Reports	2,139	3,805
No. Positive Counties	11	6
No. Human Cases	0	0
No. Positive Dead Birds / No. Tested	19 / 446	13 / 544
No. Positive Mosquito Pools / No. Tested	52 / 11,083	74 / 10,338
No. Seroconversions / No. Tested	0 / 752	0 / 645

YTD WNV Activity by Element and County, 2025					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			5		
Riverside				1	
San Bernardino				1	
San Diego			2		
Santa Clara			6		
Tulare				72	
Totals			13	74	

ECOLOGICAL MANAGEMENT DEPARTMENT

June 2025 Board Update

Ecological Management Projects

Hardesty Ranch (Elk Grove)

The Hardesty Ranch, a 153-acre property that produces hay and alfalfa production for livestock and is located in southern Elk Grove. The existing tail ditch responsible for channeling irrigation water to a recovery sump, frequently overflowed when multiple properties simultaneously irrigated their fields. The excessive water flow eroded the ditch banks, creating breaches that allowed effluent to escape and drain into a nearby residential stormwater system. This unintended consequence created a significant 3-acre mosquito breeding site adjacent to populated neighborhoods. To mitigate the mosquito breeding site, Ecological Management staff utilized stockpiled dirt to reinforce the weakened ditch banks and raise the ditch's elevation profile. This mitigation effectively contained the water flow, preventing future overflows and significantly reducing the need for chemical treatments and the potential for mosquito breeding.



Bean Ranch (Sacramento County)

The Bean Ranch is an agricultural operation primarily focused on rice cultivation, supplemented by the production of other commodities, including corn silage used as feed for livestock. Recent winter storms have significantly impacted access to the ranch for Control Operations personnel. Many access routes are blocked by fallen trees and obscured by dense, high-growing emergent vegetation. This obstructed access has hindered the ability to effectively monitor and control mosquito populations on the property. In response, the Ecological Management team deployed district-owned equipment, such as e.g., skid steer with brushing attachments, chainsaws, and the Massey tractor with batwing mower, to clear downed trees and mow overgrown access roads. This project restored accessibility for the Control Operations team, enabling them to conduct necessary mosquito surveillance, larviciding, and adulticiding activities to reduce the risk of mosquito-borne diseases within the area.

Cemetery Program

The Ecological Management Department monitors 32 cemeteries for mosquito breeding in Sacramento and Yolo Counties. Cemetery vases, often filled with water from irrigation systems and patrons, serve as prime breeding grounds for mosquito larvae that are usually in close proximity to populated areas. Based on a positive two year study of Sumilarv .5g performed by the lab, Ecological Management staff initiated inspections and applied Sumilarv .5g, to 77,096 vases as a blanket treatment in an effort to reduce mosquito breeding. Initial reports indicate that approximately 10%-15% of the sampled vases were actively breeding Culex species mosquitoes, highlighting the need for consistent and effective larval control measures.



Wetland Program

Trout Unlimited (Yolo Bypass)

Ecological Management is collaborating with Trout Unlimited and private wetland managers to enhance native fish populations through a "Fish Food" project. This initiative centers on strategically extending spring flooding in targeted wetlands and rice fields within the southern Yolo Bypass. The goal is to boost food web productivity, creating a richer food source for fish and allowing them to thrive. Currently, the program encompasses approximately 175 acres of privately-managed wetlands. While beneficial for fish, the extended flooding can also create conditions favorable for mosquito breeding. To address this, Control Operations staff have treated around 12 acres in response to mosquito thresholds being met, and will continue to monitor the sites until they are drained. Ecological Management staff has made recommendations and is encouraging project proponents to implement Best Management Practices (BMPs) aimed at reducing or eliminating mosquito populations as the study progresses.

BIOLOGICAL CONTROL

Monthly Report for June 2025 Board Meeting

In May, the Fisheries Department continued working on several projects in addition to its routine fisheries activities. Preparations began for the installation of additional holding tanks inside the fisheries building to expand capacity and support ongoing operations. With assistance from the Shop, the department's new truck was outfitted with a fish transport tank and all necessary equipment in preparation for the season ahead.

To supplement fish availability, fisheries technicians seined outside sources for additional mosquitofish, allowing pond populations to continue maturing. Stocking efforts continued throughout the month, with technicians planting fish into multiple wetlands in the Yolo Bypass as well as at Roosevelt Ranch. To date, the department has stocked 49 pounds of fish across 239 acres. In May alone, 63 pounds of mosquitofish were distributed to field technicians, resulting in 589 individual treatments.

The department also continued donating mosquitofish to schools for educational purposes. So far this year, fish have been provided to two elementary schools and the University of California, Davis. The elementary schools used the mosquitofish to create miniature aquatic ecosystems as part of classroom learning. At the University of California, Davis, the fish are used to support an educational program that reaches over 3,000 students annually.

Seasonal employees continued supporting the Aedes and South Sacramento departments with trapping, inspections, and treatments. Additional efforts included yard and facility maintenance, weed control, koi pond cleaning, and crawfish trapping. Daily operations such as tank cleaning and pond chemistry were also performed.

Log of Treatment Applied for May

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	84 lbs	279 Acres	589 Guppies
(<i>Poecilia reticulata</i>)	0 lbs	0 Acres	0

Log of Treatment Applied for the year 2025

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish	204 lbs	667 Acres	1,526
Guppies	0 lbs	0 Acres	0

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
35,000.00	28,772.19	6,227.81	82%

Top Left : *Picture of technicians seining a pond in Land Park.*

Top Right : *Picture of technician stocking a wetland at Roosevelt Ranch.*

Bottom : *Picture of a school's completed ecosystem project.*



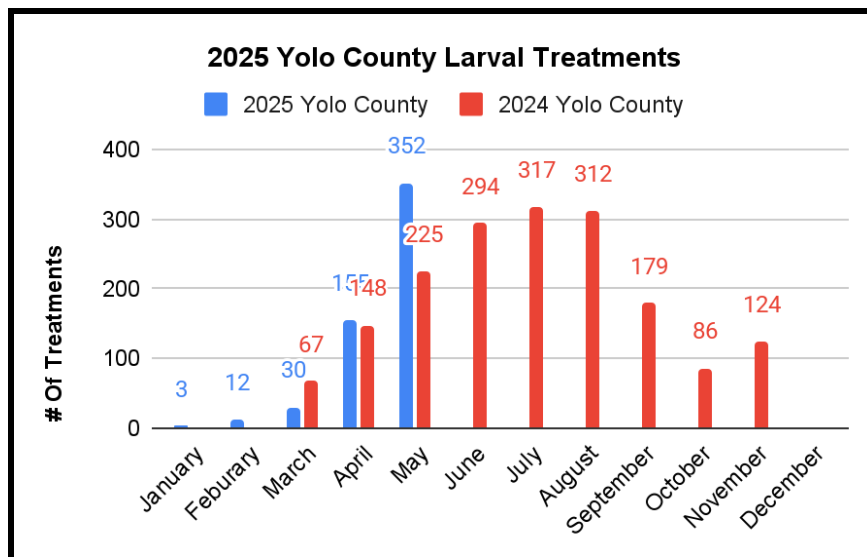
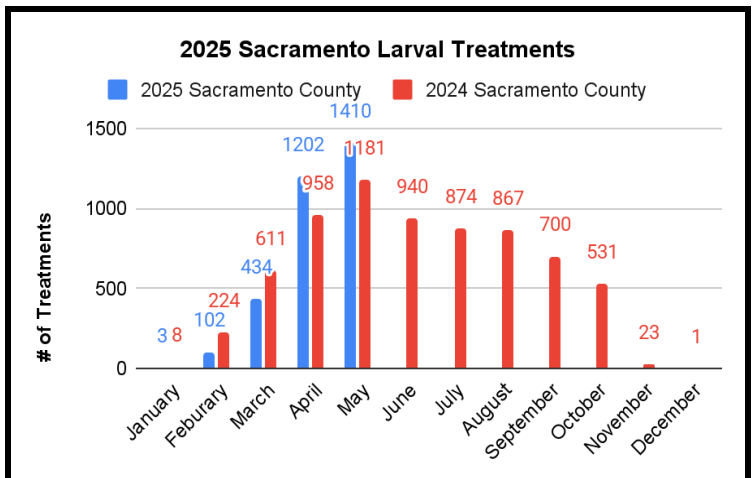
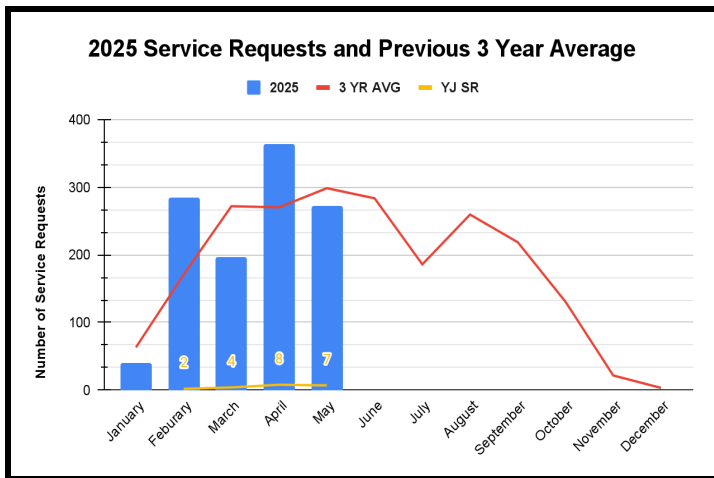
CONTROL OPERATIONS

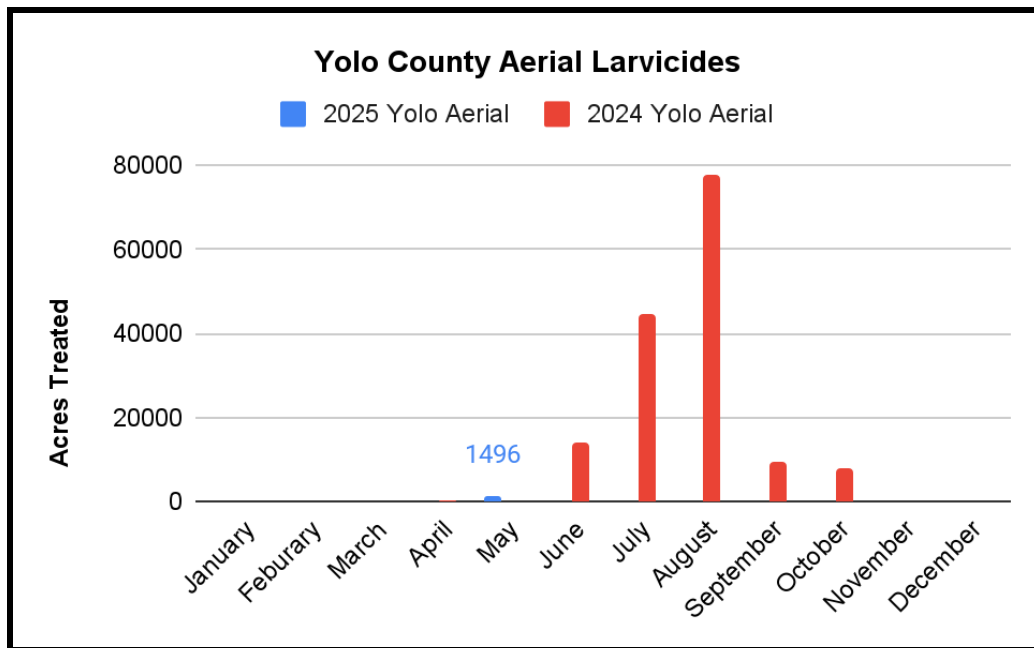
Monthly Report for the June 2025 Board Meeting

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

No response has been needed for WNV control in the month of May, however eight morning backpack fogging events occurred in South Sacramento and Yolo counties for high adult populations.

Crews are in normal late spring inspecting and treating routines of all known and any new sources as well as responding to adult mosquito and inspection service requests.





Rice Program

Most of the rice has been or is beginning to be flooded and planted through the District. As of this report over 37,000 planted acres have been reported to the District of which approximately 3,800 of those acres are organic. Total acreage planted this year is forecasted to be roughly the same compared to last year.

Urban Control Operations: Catch Basin Program

Catch basin Program has treated 14,062 and Inspected 54299 Basins to date. In 2024 a total of 17,658 were treated at this time. The Catch Basin Program will be evaluating a new residual BTi product alongside the normal product efficacy sampling.

Invasive Aedes Control Program

In the month of May Technicians conducted 132 inspections in which 6 *Aedes aegypti* larval detections were found. Along with the larval detections, Technicians also performed 59 treatments at properties which included barrier adulticide and larval treatments. Staff set out 324 BG sentinel traps gathering 40 additional adult detections in previously known detection areas throughout Sacramento County and in the City of Winters in Yolo County. In addition to this, Staff began surveillance using 60 traps per week in the SIT Pilot Program area of South Natomas in the last week of May which will run through October and possibly into November.

Pool Program

The District's green pool mailer program mailed out an additional 174 1st notices to known green pool locations in zones 24 and 29. A total of 696 mailers have been sent to residences this spring requesting an update on the status of their previously unmaintained backyard pool with 494 responses received to date.

Yellow Jacket Control

Both Sacramento Control crews will continue to monitor and re-bait yellow jacket traps in historical hot spot areas. As the daytime temperatures increase they will be switching the bait to a protein based to attract adult worker yellow jackets.

ULV Calibrations

Staff will continue to calibrate the District ULV truck based foggers as the new VeeMac control boxes become available and installed.

Staff participated in the annual droplet characterization on the District's aerial ULV Contractor VDCI's two local airplanes. No aerial blocks have been flown yet this season.

PUBLIC INFORMATION AND EDUCATION

Monthly Report for June Board Meeting

South Natomas SIT Pilot Program Media Coverage

This month, we made significant progress in public outreach and preparation for the upcoming Sterile Insect Technique (SIT) Pilot Program in South Natomas. A dedicated landing page was launched on our website to provide residents and the community with clear, accessible information about the program, detailing how SIT works, and what to expect. We also revised the SIT page that was already on the website that offers additional information.

To ensure consistent messaging, we conducted staff training sessions and developed talking points for all staff to be used at events and by field technicians if they are approached by the public.

We held meetings with local elected officials, including the Vice Mayor and County Supervisor, to keep them informed of the pilot's goals, methods, and community outreach efforts. In addition, we distributed a press release announcing the launch of the SIT program, which has already resulted in media coverage from local TV and news outlets.

As part of direct community outreach, door hangers were distributed to every home in the 100-acre pilot area, providing residents with program details and contact information. We are also planning to attend local community events in the coming weeks to provide information and answer questions in person.

Events

For the month of June we will be participating in a total of 9 community events. The Elk Grove Regional Safety Day and the Naturefest hosted by the Effie Yeaw nature center were very successful and allowed us to connect with many residents visiting our booth asking about the start of summer season and what this means for ongoing West Nile virus activity. The Filipino Fiesta was also a great event that allows us to do outreach to the Filipino community. Later this month we will attend a Juneteenth celebration in Sacramento, the Family Day at Safetyville, as well return to the Rhythm by the River event sponsored by the West Sacramento Parks and Recreation Department.

Advertising

The advertising campaign has officially launched, and our *Fight the Bite* messages are now airing consistently across radio and television stations. The media schedule is organized into flights, allowing our messages to rotate across multiple stations and maintain a constant presence throughout the media market. In addition to broadcast ads, we've also placed digital outdoor billboard ads in high-visibility areas throughout the District to reinforce our messaging.

As part of the SIT Pilot Program, we will use targeted digital advertising specifically aimed at residents in the South Natomas pilot zone, helping to increase awareness and drive engagement in the local community.

Government affairs

As part of our government affairs and outreach to local elected officials, we have reached out and scheduled presentations with all cities to provide our annual District update. Presentations scheduled for June include:

June 3: Yolo County

June 3: City of Galt

June 3: City of Woodland

School Program

Our school program continues and the “What Bugs You” assemblies coordinated by Red Shoe Productions are underway at a variety of different schools. During the month of May we hosted 4 assemblies reaching a total of 1223 students plus teachers and other faculty at each school. The last assemblies are scheduled for June 9 at John Ehrhardt elementary school in Elk Grove. Assemblies will resume again in the fall.

Presentations:

This month, we delivered four community presentations as part of our ongoing outreach efforts. The first presentation was given to a large group of Sacramento County Code Enforcement officers, where we discussed opportunities for collaboration and how we can work together to address mosquito-related concerns. We also met with City of Sacramento council staff to explore ways to keep residents informed and engaged; during this meeting, we offered to provide mosquito repellent wipes for their upcoming summer events. In South Natomas, we shared a brief but important update on the SIT Pilot Program during a community event hosted by the Vice Mayor, helping raise local awareness about the initiative. Lastly, we provided an educational presentation to the Davis Kiwanis Club, highlighting our programs and answering questions from community members.

Social Media

Our social media efforts continue and to date we have 14,000 followers on Facebook. Content is focused on invasive *Aedes*, our SIT Pilot Program, reporting dead birds, promotion of District services and signing up for spraying notifications.

National Mosquito Awareness Week:

The MVCAC Public Relations Committee will disseminate a press release announcing National Mosquito Awareness Week June 15-21. A video in English and Spanish was produced along with a social media calendar that will be disseminated to all Districts so a unified message can be shared on all social media platforms.

Sacramento-Yolo Mosquito and Vector Control District

June 17, 2025 Board Meeting

4. Board Review and Discussion to Increase District Purchasing Policy to \$35,000 for General Purchases and to \$150,000 for Pesticides

Staff Report:

The District's current Procurement Policy (Resolution 7-15-14) allows the Manager to approve purchases up to \$25,000 and up to \$100,000 for pesticide purchases. This policy has been in place since 2014. General purchases have been at \$25,000 for the past eleven years, and staff is recommending increasing the limit to \$35,000 to account for price increases. The District purchases pesticides in bulk, usually in truckload quantities during the busy rice season. The cost of bulk pesticides is usually at a lower cost per pound but the price increases over the last eleven years has these truckload purchases exceeding the current limit for Manager approval.

Recommendation:

Approve the Resolution 6-17-25 to increase the Manager's purchase limit to \$35,000 for general purchases and \$150,000 for pesticide purchases.

RESOLUTION NO. 6-17-25

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE SACRAMENTO-YOLO MOSQUITO AND VECTOR CONTROL DISTRICT UPDATING POLICY CONCERNING SUPPLIES AND EQUIPMENT PROCUREMENT AND PERSONAL PROPERTY DISPOSAL

WHEREAS, Government Code section 54202 requires the District to adopt policies and procedures, including bidding regulations, governing purchases of supplies and equipment by the District, which policies and procedures may also address disposal of surplus personal property; and

WHEREAS, the District Board of Trustees now desires to update its regulations concerning purchases of supplies and equipment and disposal of personal property;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District that the following procurement/surplus personal property disposal policy is hereby adopted:

1. Applicability. This policy shall apply only to purchases of supplies and equipment by the District, and the disposal of surplus personal property. It shall not apply to the award of construction contracts for public works projects, consultant or service contracts, utility service contracts, procurement of insurance, or disposal of surplus real property or pesticide purchases.

2. Purchasing Agent. The Manager, or his or her designee, shall act as the purchasing agent for the District in connection with purchasing supplies and equipment and disposing of surplus personal property, and shall have general responsibility over such matters in accordance with this policy.

3. Purchases Less Than \$35,000; Pesticides Less Than \$150,000
For purchases of supplies and equipment of estimated value less than \$35,000, and purchases of pesticides of estimated value less than \$150,000 the Manager shall make the purchase on the open market by seeking the most favorable terms and price either through negotiation, comparative pricing and/or informal competitive bidding, whichever method the Manager deems most appropriate in the circumstances. If there are unappropriated funds available in the approved budget for the purchase, then the Manager may approve the purchase subject to the Board of Trustees' approval and execution of a warrant for the purchase in the usual manner of approving warrants. If there are not unappropriated funds within the approved District budget, then the purchase must be authorized by the Board of Trustees.

4. Purchases \$35,000 and Over; Pesticides \$150,000 and Over.
Purchases of supplies and equipment of estimated value greater than \$35,000, and of purchases of pesticides of estimated value greater than \$150,000 shall be made pursuant to the bidding procedures in this section, unless one of the following exceptions applies: (a) the item can be obtained only from one vendor or supplier; (b) the item is to be

purchased from the State of California list of sale items; or (c) the Board of Trustees determines otherwise. The bidding procedures are as follows:

a. The Manager shall prepare a notice inviting bids for the purchase, including a general description of the supplies and/or equipment to be purchased, including, if appropriate, bid specifications, and also specifying the time and place of opening of bids. The notice inviting bids shall be posted in three public places in the District and shall be distributed to responsible prospective suppliers and vendors as the Manager deems appropriate. The period to respond to the notice inviting bids shall be at least seven days. When the Manager deems it appropriate, a bidder's security may be required in a form and amount as determined by the Manager. If the bidder's security is to be required, the bid security requirement shall be set forth in the notice inviting bids.

b. At the time and place for the bid opening, the bids shall be opened in public. The Manager shall tabulate all bids received and keep them open for public inspection. At its next meeting following the opening of bids, the Manager shall present the bids to the Board of Trustees and make a recommendation on an award to the lowest responsible bidder. In its discretion, the Board may award the contract to the lowest responsible bidder, reject all bids and re-advertise for bids, reject all bids and not proceed with the purchase, or reject all bids and direct that an open market purchase be made, provided the price paid on the open market shall not exceed the bid of the lowest responsible bidder.

c. Upon award to the lowest responsible bidder, a written contract shall be entered into between the District and the bidder. The written contract may be in the form of a purchase order. If a bid security was required, and the successful bidder does not enter into a written contract with the District within 10 days from the date of the award, the bidder shall forfeit the bid security.

"Lowest responsible bidder" as used in this section shall mean that bidder which timely submits a complete and fully responsive bid and which best responds in price, quality, service, and fitness and capacity to meet the particular requirements of the District. Price alone shall not be the determinative factor, but shall be considered along with the other factors including, but not limited to, the ability of the bidder to deliver, availability of parts or service, prior experience with the bidder, and any other factors relating to the particular needs of the District for the supplies and/or equipment to be purchased.

5. Emergency Purchases. In case of an emergency, or a one time opportunity for a purchase of pesticides at a very favorable price, in which the Manager determines that the best interests of the District require that a purchase of supplies, equipment or pesticides be made immediately before the Board can meet to authorize the purchase, the Manager is authorized to make such purchase in the open market after first obtaining the verbal consent of at least two members of the Board of Trustees. The Manager shall thereafter promptly report in writing to the Board of Trustees the nature and amount of the purchase and the emergency or special circumstances justifying the purchase. The action shall be subject to ratification at the next Board meeting.

6. Disposal of Personal Property. The Manager may sell surplus personal property, or trade in surplus personal property when replacing the property, as the Manager deems in the best interests of the District. The Manager may discard or dispose of unsalable surplus personal property in any appropriate manner. The Manager may also discard or destroy of surplus personal property in any appropriate manner that may have some resale value but where, because of safety or liability concerns, destruction or disposal is preferable to sale. Any sale of surplus personal property will be made in accordance with the notice and bidding requirements of Health and Safety Code section 2041(c). For purposes of this section, “surplus personal property” means personal property owned by the District which the Board of Trustees has declared surplus as inadequate or no longer necessary for the needs of the District.

7. Superseder. This resolution supersedes and rescinds District Resolution Nos. 7-12-93A and 5-17-11B and 7-15-14

PASSED AND ADOPTED by the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District on the 17th day of June 2025, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

President, Charles Duty

Secretary, Staci Gardiner

Sacramento-Yolo Mosquito and Vector Control District

June 17, 2025 Board Meeting

5. Board Review and Discussion of Draft District Budget for 2025-2026

Staff Report:

Please find enclosed the June draft of the 2025-2026 District Budget.

A few highlights of the draft budget:

- 1) Revenue projections are estimated to be 5.21% higher in Sacramento County and 5.53% higher in Yolo County.
- 2) The District has not received our full allotment from the April property tax payments yet, so our revenue estimates could increase. We anticipate another \$1.3M more based on conversations with the Sacramento County Assessor's office.
- 3) The District's CalPERS UAL is currently about \$11.3M which is \$1M less than last year. The decrease is due to the decent returns that the fund received in 2023 along with the additional payment that the District made last year. These valuations are a year behind and do not include the nearly \$4.5M contribution the District made last fiscal year. Staff will continue a more aggressive payment schedule to help reduce the long-term impacts and save the District money when feasible. The early returns for 2024 will probably show a decrease to the amount in the next valuation. The District is proposing making an additional discretionary payment to CalPERS in the amount of \$2M to accompany our already aggressive approach. The UAL for the PEPPA plan is approximately \$110,000 and is currently 94.3% funded for the year.
- 4) The District is planning on researching capital expenditure projects this fiscal year including additional parking options, security cameras/upgrades. Planned purchases of equipment needed to conduct daily activities across various departments will also be considered.
- 5) 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 2025 is ~2.2%. This increase is included in the current budget for the non represented employees but we are still in negotiations with the union and the represented employees are not included in the current budget.

Recommendation:

For Board review and discussion. Staff will bring the 2025-2026 Budget to the Board again for adoption at the July meeting.



Sacramento-Yolo Mosquito and Vector Control District

Fiscal Year 2025-2026 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 blended increase in revenue based on the values below from the county assessor offices would be 5.26%.

Year	SACRAMENTO COUNTY			YOLO COUNTY	
	Roll Values	Percentage +/-		Roll Values	Percentage +/-
2024-2025	\$231,677,621,525	5.21%		\$ 37,997,277,511	5.53%
2023-2024	\$220,199,116,417	5.89%		\$ 36,006,664,106	6.50%
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%
2020-2021	\$189,847,799,296	5.96%		\$ 30,187,640,497	5.15%
2019-2020	\$179,165,611,212	6.53%		\$ 28,709,919,136	5.50%
2018-2019	\$168,181,179,703	6.75%		\$ 27,213,887,559	5.66%
2017-2018	\$157,548,104,712	6.41%		\$ 25,755,158,261	5.28%
2016-2017	\$148,052,405,413	5.23%		\$ 24,464,019,591	5.27%
2015-2016	\$140,691,283,846	4.60%		\$ 23,239,449,070	6.51%
2014-2015	\$134,497,818,408	6.48%		\$ 21,818,600,599	6.56%
2013-2014	\$126,311,591,786	3.96%		\$ 20,475,478,048	4.16%
2012-2013	\$121,495,031,861	-2.66%		\$ 19,658,240,750	-0.29%
2011-2012	\$124,811,746,576	-3.07%		\$ 19,715,449,214	-0.80%
2010-2011	\$128,769,550,688	-2.17%		\$ 19,873,612,792	-1.91%
2009-2010	\$131,627,517,985	-6.40%		\$ 20,260,502,208	-0.33%
2008-2009	\$140,630,362,269	2.12%		\$ 20,326,879,135	3.34%

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 2025-2026 revenues, including supplemental tax and non-tax revenues, to be approximately **\$22,591,056** as outlined below including a 5% increase over last year:

Sacramento County Property Tax Revenues \$ 19,531,523

Minus property tax administration fees \$ 155,000

Subtotal \$ 19,376,523

Yolo County Property Tax Revenues \$ 3,109,533

Minus property tax administration fees \$ 25,000

Subtotal \$ 3,084,533

Anticipated Total Property Tax Revenue	\$ 22,461,056
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Anticipated Interest Earnings	\$ 45,000
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Other Tax Revenues	\$ 40,000
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Other Revenue (rent, mosquito control payments, etc.)	\$ 45,000
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Anticipated Total Revenues for FY 2024-2025:	\$ 22,591,056
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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 2025-2026 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>25-26 Proposed Capital Expenditures</u>	
Ecological Management	
Pallet Forks Skid Steer	\$2,500
Third Function Hydraulic Pump	\$8,000
7011-Eco Management Total	\$ 10,500
Control	
Suzuki Air Cooled ATV x 8	\$70,000
7011- Control	\$70,000

Information Technology	
Desktop Upgrades	\$ 6,000
Server/Network	\$ 5,000
7011 – Information Technology	\$11,000
Shop	
Strut/Spring Tool	\$ 2,000
Metal Worker Expansion Tools	\$15,000
7011-Shop Total	\$ 17,000
7011- Construction in Progress (Lab Aux Room Remodel)	\$ 150,000
7011-Capital Outlay Total	\$ 258,500
Building Improvement	
Security Cameras with Monitoring	\$30,000
Key card Access in Buildings	\$55,000
Replace Woodland Roof	\$ 40,000
Parking Garage	\$ 120,000
Additional Parking Spaces/Landscaping	\$ 100,000
7035-Building Improvement Total	\$ 345,000
Research	
AMCARF	\$ 125,000
7030 -Research Total	\$ 125,000
Grand Total All Capital Outlay Accounts	\$ 728,500

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 6/30/25 is anticipated to be \$1,953,367 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
24-25 Premium to be Invoiced		\$ 574,234	\$ 1,148,468
Suggested Prudent Balance			\$ 1,351,468
Estimated Balance as of 6/30/2025			\$ 1,953, 367
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 6/30/24	
Cash in County Treasury	\$ 16,000,000
Disease Response	\$ 3,000,000
Capital Outlay	\$ 700,000
Building Improvement Fund	\$ 1,155,000
Dry Financing	\$ 7,500,000
Unassigned Reserves	\$ 3,645,000

ANTICIPATED EXPENDITURES

The District is concerned about the current state of the economy and the potential long-term impact as it relates to future revenues of the District. 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 \$11,300,308. Per previous Board direction, this figure does not include 2 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 2025 is ~2.2%.

The following categories are breakdowns of the Personnel Expenditures:**Retirement Fund-5110 & 5115**

The Tier 1 (2.5% at 55 with 37 employees in this tier) employer contribution rate is comprised of the Normal Cost, the UAL, and the employee contribution of 7.96% .

The Normal Cost for FY 25/26 is 14.67%. The unfunded liability for Tier 1 is budgeted for \$1,275,313. The UAL is currently at a funding status of 80.3% up from 78.2% last fiscal year.

The Tier 2 (2% at 62 with 35 employees in this tier) employer contribution rate is comprised of the Normal Cost (FY 24/25 is 8.15%) and the UAL.

The Tier 2 UAL is much lower than Tier 1 as the District has been paying it in its entirety each year. The unfunded liability for Tier 2 is budgeted for \$110,609 as the District is 94.3% funded up from 91.4% last year.

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. The District may also want to make an additional discretionary payment to help pay down this liability sooner and a \$2M ADP payment is reflected in the budget.

PERS Retirement Normal Costs

2024-2025 Budget	Proposed 2025-2026 Budget
\$914,087	\$987,252

PERS Retirement Unfunded Accrued Liability (UAL)

2024-2025 Budget	Proposed 2025-2026 Budget
\$3,033,735	\$1,385,922

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$1,055,050	\$1,100,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$87,943	\$90,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$30,000	\$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 2023-2024 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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$248,785	\$251.412

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$304,493	\$370,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$25,000	\$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.

2024-2025 Budget	Proposed 2025-2026 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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$700,000	\$678,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$150,000	\$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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$167,500	\$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.

2024-2025 Budget	Proposed 2025-2026 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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$341,000	\$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.

2024-2025 Budget	Proposed 2025-2026 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.

2024-2025 Budget	Proposed 2025-2026 Budget
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\$712,000	\$91,000
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Safety Program-5470

This category funds the District Safety Program.

2024-2025 Budget	Proposed 2025-2026 Budget
\$5,000	\$5,000

Utilities-5480

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

2024-2025 Budget	Proposed 2025-2026 Budget
\$125,000	\$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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$1,179,000	\$1,179,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$23,000	\$23,000

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 expenditure in this account can vary from year to year depending on the amount of water available for irrigation of agricultural crops and wetlands.

2024-2025 Budget	Proposed 2025-2026 Budget
\$1,200,000	\$1,800,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$1,200,000	\$1,200,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$900,000	\$950,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$35,000	\$35,000

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.

2024-2025 Budget	Proposed 2025-2026 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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$130,000	\$180,000

Control Operations-6350

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

2024-2025 Budget	Proposed 2025-2026 Budget
\$55,000	\$55,000

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$159,500	\$134,250

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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$204,000	\$242,500

Gas and Petroleum Products-6450

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

2024-2025 Budget	Proposed 2025-2026 Budget
\$230,000	\$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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$330,000	\$258,500

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.

2024-2025 Budget	Proposed 2025-2026 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.

2024-2025 Budget	Proposed 2025-2026 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.

2024-2025 Budget	Proposed 2025-2026 Budget
\$0	\$0

Research Fund-7030

2024-2025 Budget	Proposed 2025-2026 Budget
\$75,000	\$125,000

Building Improvement Fund-7035

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

2024-2025 Budget	Proposed 2025-2026 Budget
\$350,000	\$345,000

2024-2025 Budget Summary

Personnel Expenditures-Salaries and Benefits: \$ 11,300,308,

Operational Expenditures: \$ 8,155,750

Capital Expenditures: \$ 2,728,500

Total Expenditures: \$ 22,184,558

Total Anticipated Revenues: \$ 22,591,056

Projected Revenues over Expenses: \$ 406,496

Account Description	FY 25/26 Budget	FY 24/25 Budget
REVENUE	\$22,591,056.00	\$ 20,718,525.00
SALARIES/BENEFITS/WC	\$11,300,308.00	\$ 12,519,219.00
Administrative Department	\$1,205,844.00	\$ 1,161,179.00
Ecological Management Department	\$318,027.00	\$ 294,632.00
Shop	\$316,377.00	\$ 295,400.00
Control Ops Supervisors	\$780,882.00	\$ 669,457.00
Technicians	\$2,915,689.00	\$ 2,991,978.00
Seasonal Helpers	\$440,000.00	\$ 420,000.00
Biological Control: Lab Dept	\$1,161,945.00	\$ 1,073,660.00
Biological Control: Fisheries Dept	\$256,558.00	\$ 226,709.00
Trustee Monthly Meeting	\$16,800.00	\$ 16,800.00
P.E.R.S. Retirement Normal Costs	\$987,252.00	\$ 914,087.00
P.E.R.S. Retirement UAL	\$1,385,922.00	\$ 3,033,735.00
Group Insurance	\$1,100,000.00	\$ 1,055,050.00
Retiree Insurance Costs	\$90,000.00	\$ 87,943.00
Unemployment Insurance	\$40,000.00	\$ 30,000.00
WORKERS COMPENSATION	\$251,412.00	\$ 248,589.00
OPERATIONAL	\$8,155,750.00	\$ 7,975,493.00
LIABILITY INSURANCE	\$370,000.00	\$ 304,493.00
AUDITING/FISCAL	\$20,000.00	\$ 25,000.00
COMMUNICATIONS	\$100,000.00	\$ 100,000.00
Telephone	\$45,000.00	\$ 45,000.00
Internet	\$30,000.00	\$ 30,000.00
Mobile Devices	\$25,000.00	\$ 25,000.00
PUBLIC INFORMATION	\$678,000.00	\$ 700,000.00
School Program	\$125,000.00	\$ 125,000.00
Publications	\$25,000.00	\$ 20,000.00
Marketing	\$50,000.00	\$ 57,000.00
Advertising	\$380,000.00	\$ 400,000.00
Events/Fees	\$97,000.00	\$ 97,000.00
Misc Admin	\$1,000.00	\$ 1,000.00
STRUCTURE & GROUNDS	\$183,000.00	\$ 150,000.00
Landscaping & Grounds	\$30,000.00	\$ 30,000.00
Building Services & Repairs	\$110,000.00	\$ 80,000.00
Janitorial	\$43,000.00	\$ 40,000.00
MEMBER/TRAINING	\$170,000.00	\$ 167,500.00
Travel	\$35,000.00	\$ 40,000.00
Conference/Training/Mtg	\$65,000.00	\$ 62,500.00
CDPH-Certification Expenses	\$20,000.00	\$ 20,000.00
Subscrip/Memshp/Dues	\$50,000.00	\$ 45,000.00
DISTRICT OFFICE EXPENSES	\$25,000.00	\$ 25,000.00
PROFESSIONAL SERVICES	\$350,000.00	\$ 341,000.00
Permits/Fees	\$15,000.00	\$ 15,000.00
Legal	\$90,000.00	\$ 90,000.00
Medical	\$5,000.00	\$ 5,000.00
Consulting	\$130,000.00	\$ 141,000.00
Security	\$10,000.00	\$ 10,000.00
Uniforms	\$75,000.00	\$ 55,000.00
Aerial Survey	\$25,000.00	\$ 25,000.00
MATERIALS & SUPPLIES	\$16,000.00	\$ 16,000.00
Water/Coffee	\$9,000.00	\$ 9,000.00

Janitorial Supplies	\$5,000.00	\$ 5,000.00
Locks/Keys	\$500.00	\$ 500.00
Kitchen	\$1,500.00	\$ 1,500.00
RENTS & LEASES	\$91,000.00	\$ 712,000.00
SAFETY PROGRAM	\$5,000.00	\$ 5,000.00
UTILITIES	\$140,000.00	\$ 125,000.00
AIRCRAFT SERVICES	\$1,179,000.00	\$ 1,179,000.00
Larviciding	\$730,000.00	\$ 730,000.00
Adulticiding	\$440,000.00	\$ 440,000.00
Trials	\$9,000.00	\$ 9,000.00
ECOLOGICAL MANAGEMENT	\$23,000.00	\$ 23,000.00
BMP Programs	\$2,000.00	\$ 2,000.00
Project Support	\$10,000.00	\$ 10,000.00
Small Equip Maintenance	\$4,000.00	\$ 4,000.00
UAS Program	\$7,000.00	\$ 7,000.00
MICROBIAL	\$1,800,000.00	\$ 1,200,000.00
BIORATIONALS	\$1,200,000.00	\$ 1,200,000.00
INSECTICIDES	\$950,000.00	\$ 900,000.00
FISHERIES	\$35,000.00	\$ 35,000.00
Medications & Feeds	\$16,000.00	\$ 16,000.00
Lab Supplies	\$1,500.00	\$ 1,500.00
Supplies/Dept. Equipment	\$17,500.00	\$ 17,500.00
GEOGRAPHIC INFO SYSTEMS	\$9,000.00	\$ 9,000.00
Software	\$7,600.00	\$ 7,600.00
Accessories	\$1,400.00	\$ 1,400.00
INFORMATION TECHNOLOGY	\$180,000.00	\$ 130,000.00
Hardware	\$30,000.00	\$ 30,000.00
Software	\$150,000.00	\$ 100,000.00
CONTROL OPERATIONS	\$55,000.00	\$ 55,000.00
Supplies	\$10,000.00	\$ 10,000.00
Control Items & Materials	\$10,000.00	\$ 10,000.00
PPE/Safety	\$25,000.00	\$ 25,000.00
Small Equipment	\$10,000.00	\$ 10,000.00
SHOP	\$134,250.00	\$ 159,500.00
Parts Vehicles	\$90,000.00	\$ 115,250.00
Outsource / Heavy Equipment	\$33,250.00	\$ 33,250.00
Equipment Parts & Repair	\$11,000.00	\$ 11,000.00
LAB SERVICES	\$242,500.00	\$ 204,000.00
Insectary	\$6,500.00	\$ 6,500.00
Gen'l Lab Supplies	\$5,000.00	\$ 5,000.00
Services	\$10,000.00	\$ 10,000.00
Surveillance	\$98,000.00	\$ 75,000.00
Sentinel Bird	\$0.00	\$ 3,500.00
Pesticide Testing	\$15,000.00	\$ 15,000.00
Services - Small Equipment	\$3,000.00	\$ 1,000.00
MB-Malaria	\$2,500.00	\$ 2,500.00
MB-Chicken	\$0.00	\$ 4,500.00
MB-PCR	\$96,000.00	\$ 76,000.00
Microbiology - General	\$6,500.00	\$ 5,000.00
GAS & PETROLEUM	\$200,000.00	\$ 210,000.00
CAPITAL ACCOUNTS	\$728,500.00	\$ 755,000.00
Capital Outlay/Construction In Progress	\$258,500.00	\$ 330,000.00
Research Fund	\$125,000.00	\$ 75,000.00
Building Improvement	\$345,000.00	\$ 350,000.00
CalPERS Additional Discretionary Payment	\$2,000,000.00	\$ 1,500,000.00

TOTALS		
Salaries/Benefits	\$11,300,308.00	\$ 12,519,219.00
Operational	\$8,155,750.00	\$ 7,975,493.00
Capital Accounts	\$728,500.00	\$ 755,000.00
Total Budget	\$22,184,558.00	\$ 21,249,712.00

PROJECTED REVENUES	\$22,591,056.00	\$20,718,525.00
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ACTUAL REVENUES

TOTAL BUDGET	\$22,184,558.00	\$21,249,712.00
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PROJECTED REVENUES

OVER PROJECTED EXPENSES	\$406,498.00	(\$531,187.00)
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Sacramento-Yolo Mosquito and Vector Control District

June 17, 2025 Board Meeting

6. **Closed Session- Provide Instruction to Designated Labor Representatives (Gov. Code s. 54957.6 (a)-Labor Negotiations)**