

**PLACER MOSQUITO & VECTOR CONTROL DISTRICT
BOARD OF TRUSTEES**

2021 Opportunity Drive
Roseville, CA 95678

**REGULAR BOARD MEETING
AGENDA**

May 18, 2026, 4:30 PM

www.placermosquito.org

This meeting will be conducted in person and via teleconference. Trustees may, as provided by law, participate remotely under some circumstances. The Board encourages the public to participate remotely by calling (669) 444-9171 and when prompted, enter the Meeting ID: 898 1562 4687 or <https://us06web.zoom.us/j/89815624687>

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[Board of Trustees](#)

Sandy Bendorf
City of Auburn

Will Stockwin
City of Colfax

Peter Gilbert
City of Lincoln

Russ Kelley
Town of Loomis

Merry Holliday-
Hanson
Placer County

Jill Gayaldo
City of Rocklin

Ross Hutchings
City of Roseville

General Manager
Joel Buettner

- | | | |
|-------------------|-----------|---|
| | 1 | Call to Order |
| | 2 | Roll Call |
| | 3 | Pledge of Allegiance |
| | 4 | Agenda Review |
| | 5 | Public Comment
<i>Members of the public shall be allowed to address the Board of Trustees on items which are of interest to public and which are within the jurisdiction of the Board, before or during the Board's consideration of the item; however, no action shall be taken on any item not appearing on the agenda unless otherwise authorized by the Board pursuant to Government Code Section 54954.2(b). It is requested that comments be limited to no more than 5 minutes.</i> |
| | 6 | Consent Agenda – Action item
A. Minutes of the April 20, 2026, Regular Board Meeting
B. Financial Report: Fiscal Year to Date April 30, 2026
C. Acknowledge Warrants Issued April 2026 |
| | 7 | Placer Tick Surveillance Presentation - Casey Hubble, Lab Supervisor |
| 13-14 | 8 | Board Review and Consideration of Resolution 2026-08 Amending the District Budget for Fiscal Year 2025-26 – Action item |
| Attach A
15-16 | 9 | Board Review and Consideration of Resolution 2026-09 Accepting the Preliminary Engineer's Report for the Mosquito Control District and the East County Mosquito Control and Disease Prevention Assessment District and Scheduling the Public Hearing for July 20, 2026 – Action item |
| Attach B
17-18 | 10 | Board Review and Consideration of Resolution 2026-10 Accepting the Preliminary Engineer's Report for the Expanded Services and Permanent Facility Assessment District and Scheduling the Public Hearing for July 20, 2026 – Action item |
| Attach C
19-20 | 11 | Board Review and Acceptance of the Integrated Vector Management (IVM) Operational Framework Version 1.0 – Action item |

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12 Report from Committee Meeting

- A. Personnel Committee
- B. Finance Committee

13 Staff Reports

- 21-22 A. Eastern Placer Report – Angella Falco
- 23-28 B. Public Information and Outreach Report – Emma Carlson
- 29-31 C. Field Operations and Surveillance Report – Jake Hartle
- 33 D. General Manager’s Report – Joel Buettner

14 Board/Staff General Discussion

15 Announcements

- A. The District office will be closed on May 25, 2026, in observance of the Memorial Day Holiday
- B. The next regular Board meeting will be held June 15, 2026, at 4:30 PM, at 2021 Opportunity Dr., Roseville, CA 95678.

16 Adjournment

In compliance with the Americans with Disabilities 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 at (888) 768-2343, fax (916) 380-5455, and/or send e-mail to info@placermosquito.org. 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 PMVCD Board less than 72 hours prior to a meeting will be available for public inspection and copying at 2021 Opportunity Drive, Roseville, CA 95678.

8. Board Review and Consideration to Accept the Financial Audit Report for Fiscal Year 2024-2025

Mr. Butera presented a PowerPoint summarizing the 2024–2025 audit report.

A motion to accept the financial audit report for fiscal year 2024-2025 was made by Trustee Gilbert, seconded by Trustee Stockwin, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin

Noes: ∅ Abstain: ∅ Absent: ∅

9. Board Review and Consideration of Resolution 2026-01

A motion to approve Resolution 2026-01 “Directing the Preparation of the Engineer’s Report for the Mosquito Control District and East County Mosquito Control and Disease Prevention Assessment District” was made by Trustee Gilbert, seconded by Trustee Kelley, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin

Noes: ∅ Abstain: ∅ Absent: ∅

10. Board Review and Consideration of Resolution 2026-02

A motion to approve Resolution 2026-02 “Directing the Preparation of the Engineer’s Report for the Expanded Services and Permanent Facility Assessment” was made by Trustee Kelley, seconded by Trustee Gilbert, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin

Noes: ∅ Abstain: ∅ Absent: ∅

11. Board Review and Consideration of Resolution 2026-03

A motion to approve Resolution 2026-03 approving Administrative Policy Manual Version 1.0 Governance and Financial Policies was made by Trustee Stockwin, seconded by Trustee Hutchings, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin

Noes: ∅ Abstain: ∅ Absent: ∅

12. Board Review and Consideration of Board Ratification of Aerial Adulticide Pesticide Purchase

A motion to approve Ratification of Aerial Adulticide Pesticide Purchase made under the General Manager’s Authority was made by Trustee Hutchings, seconded by Trustee Gilbert, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin

Noes: ∅ Abstain: ∅ Absent: ∅

13. Board Review and Consideration of Resolution 2026-04

A motion to approve Resolution 2026-04 Amending the District Budget for Fiscal Year 2025-26 was made by Trustee Holliday-Hanson, seconded by Trustee Gilbert, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin

Noes: ∅ Abstain: ∅ Absent: ∅

14. Board Review and Consideration of Resolution 2026-05

A motion to approve Resolution 2026-05 Recognizing West Nile Virus and Mosquito and Vector Control Awareness Week was made by Trustee Kelley, seconded by Trustee Gilbert, approved by roll call vote.

*Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin
Noes: ∅ Abstain: ∅ Absent: ∅*

15. Board Review and Consideration of Resolution 2026-06

A motion to approve Resolution 2026-06 Recognizing May as Lyme Disease Awareness Month in Placer County was made by Trustee Kelley, seconded by Trustee Gilbert, approved by roll call vote.

*Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin
Noes: ∅ Abstain: ∅ Absent: ∅*

16. Board Review and Consideration of Resolution 2026-07

A motion to approve Resolution 2026-07 Adopting an Updated Records Retention and Disposal Policy and Records Retention Schedule was made by Trustee Stockwin, seconded by Trustee Kelley, approved by roll call vote.

*Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin
Noes: ∅ Abstain: ∅ Absent: ∅*

17. Board Review and Consideration to Authorize Negotiation of Experimental NIDIS Pilot Project

A motion to authorize negotiation of Experimental NIDIS Pilot Project was made by Trustee Gilbert, seconded by Trustee Stockwin, approved by roll call vote.

*Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin
Noes: ∅ Abstain: ∅ Absent: ∅*

18. Board Review and Consideration of Selection of Special District Representation on Placer County Local Agency Formation Commission (LAFCO)

A motion to Nominate Trustee Russ Hutchings for Special District Representative to the Placer County Local Agency Formation Commission (LAFCO) was made by Trustee Gilbert, seconded by Trustee Stockwin, approved by roll call vote.

*Ayes: Trustees Bendorf, Gayaldo, Holliday-Hanson, Hutchings, Kelley, Gilbert and Stockwin
Noes: ∅ Abstain: ∅ Absent: ∅*

19. Staff Reports

- A. Eastern Placer Report – A written report was submitted. No additional items were reported.
- B. Public Information and Outreach Report – A written report was submitted. No additional items were reported.
- C. Field Operations and Surveillance Report – A written report was submitted. No additional items were reported.
- D. General Manager Report – A written report was submitted. No additional items were reported.

20. Board/Staff General Discussion – There were none

21. Announcements

- A. The next regular Personnel Committee meeting will be held April 27, 2026, at 1:30 PM at 2021 Opportunity Drive., Roseville, CA 95678.
- B. The next Finance Committee meeting will be held May 7, 2026, at 3:00 PM at 2021 Opportunity Drive., Roseville, CA 95678.
- C. The next regular Board meeting will be held May 18, 2026, at 4:30 PM, at 2021 Opportunity Drive., Roseville, CA 95678

22. Adjournment:

President Bendorf adjourned the meeting at 5:57 PM.

Minutes approved by the Board and dated, this 18th day of May 2026, after passage.

Sandy Bendorf, Board President: _____

Attest:

Isabel Alvarez, Board Secretary: _____

**Placer Mosquito and Vector Control District
Budget to Actuals FYTD as of April 30, 2026**

Ledger Account / Revenue & Spend Code	Budget	Actuals	Balance	% of Budget
40010:Taxes - Current Secured Property				
RC0010 Taxes - Current Secured Property (GL40010)	(70,324.00)	(68,732.81)	(1,591.19)	97.74%
40020:Taxes - Property Tax Impounds	(13.00)	0	-13	0.00%
40040:Taxes - Railroad Unitary Property				
RC0040 Taxes - Railroad Unitary Property (GL40040)	(106.00)	(97.75)	(8.25)	92.22%
40050:Taxes - Unitary and Op Non-Unitary Property				
RC0050 Taxes - Unitary & Op Non-Unitary Property (GL40050)	(2,631.00)	(2,632.95)	1.95	100.07%
40060:Taxes - Current Unsecured Property				
RC0060 Taxes - Current Unsecured Property (GL40060)	(1,434.00)	(1,542.81)	108.81	107.59%
40070:Taxes - Delinquent Secured Property	(1.00)	0	-1	0.00%
40090:Taxes - Delinquent Unsecured Property				
RC0090 Taxes - Delinquent Unsecured Property (GL40090)	(28.00)	(25.71)	(2.29)	91.82%
40100:Taxes - Current Supplemental Property				
RC0110 Taxes - Current Supplemental Property (GL40100)	(3,133.00)	(1,428.40)	(1,704.60)	45.59%
40110:Taxes - Delinquent Supplemental Property				
RC0120 Taxes - Delinquent Supplemental Property (GL40110)	(1.00)	(3.16)	2.16	316.00%
40180:Other Taxes				
RC0270 Parcel Taxes (GL40180)	(384,873.00)	(335,217.00)	(49,656.00)	87.10%
42005:Fair Market Value Adjustment				
RC0555 Fair Market Value Adjustments (GL42005)	0	12,144.42	(12,144.42)	0.00%
42010:Investment Income	(65,000.00)	(63,704.72)	(1,295.28)	98.01%
RC0560 Interest / Investment Income (GL42010)		(63,708.95)		
RC0561 5151 Interest (GL42010)		4.23		
42030:Short-Term Rents and Concessions				
RC0600 Short-Term Rents & Concessions (GL42030)	(6,000.00)	(3,544.55)	(2,455.45)	59.08%
44350:State Homeowners Property Tax Relief				
RC1440 Homeowners Property Tax Relief (GL44350)	(398.00)	(299.18)	(98.82)	75.17%
46030:Direct Charges				
RC1720 Direct Charges (GL46030)	(6,026,681.00)	(5,699,148.70)	(327,532.30)	94.57%
48030:Miscellaneous				
RC3080 Miscellaneous Other Revenue (GL48030)	(2,640.00)	(2,008.05)	(631.95)	76.06%
49030:Proceeds from Sale of Capital Assets				
RC3170 Proceeds from Sale of Capital Assets (GL49030)	(5,000.00)	(33,166.00)	28,166.00	663.32%
Total Revenue	(6,568,263.00)	(6,199,407.37)	(368,855.63)	94.38%
51010:Salaries and Wages				
SC1010 Salaries and Wages (GL51010)	2,643,366.00	2,048,992.31	594,373.69	77.51%
51030:Extra Help - Salaries and Wages				
SC1030 Extra Help - Salaries and Wages (GL51030)	0	36,713.58	(36,713.58)	0.00%
51040:Overtime and Call Back				

**Placer Mosquito and Vector Control District
Budget to Actuals FYTD as of April 30, 2026**

Ledger Account / Revenue & Spend Code	Budget	Actuals	Balance	% of Budget
SC1040 Overtime and Call Back (GL51040)	19,598.00	13,450.68	6,147.32	68.63%
51210:Retirement	378,129.00	296,506.59	81,622.41	78.41%
SC1210 CalPERS (GL51210)		200,243.59		
SC1852 CalPERS (GL51210)		96,263.00		
51220:Payroll Tax				
SC1220 FICA (GL51220)	47,564.00	37,395.03	10,168.97	78.62%
51240:Other Postemployment Benefits (OPEB)				
SC1858 Other Post Employment Benefits (OPEB) (GL51240)	177,654.00	58,765.66	118,888.34	33.08%
51350:Emp Benefits Other Agencies				
SC1888 Employee Benefits Other Agencies (GL51350)	674,910.00	543,443.52	131,466.48	80.52%
51380:Other Benefits				
SC1897 Other Benefits (GL51380)	873.00	896.28	(23.28)	102.67%
52020:Chemicals				
SC2030 Poisons, Pesticides and Chemicals - Agricultural and Industrial (GL52020)	760,389.75	786,585.61	(26,195.86)	103.45%
52030:Clothing, Uniforms, and Personal Hygiene				
SC2040 Uniforms and Work Clothes (GL52030)	873.00	3,726.39	(2,853.39)	426.85%
52040:Communication Services Expense	35,714.00	41,007.83	(5,293.83)	114.82%
SC2085 Communication Services - Telephone (GL52040)		26,157.83		
SC2090 Media Services - 1099 Reportable (GL52040)		14,850.00		
52050:Food, Beverage, and Ice				
SC2110 Food, Beverage, and Ice (GL52050)	800.00	365.09	434.91	45.64%
52060:Janitorial Supplies				
SC2125 Janitorial Supplies – Excluding Paper Goods (GL52060)	1,000.00	295.37	704.63	29.54%
52080:Insurance				
SC2140 Insurance and Insurance Services (GL52080)	221,108.00	228,197.00	(7,089.00)	103.21%
52140:Parts				
SC2200 Automotive Accessories, Equipment and Parts (GL52140)	20,000.00	27,573.46	(7,573.46)	137.87%
52160:Maintenance	13,500.00	19,040.00	(5,540.00)	141.04%
SC2260 Equipment Maint & Repair Services for Vehicles & Aircraft - 1099 Reportable (GL52160)		18,515.45		
SC2270 Equipment Maint & Repair Services for General Equipment - 1099 Reportable (GL52160)		524.55		
52161:Maintenance - Building				
SC2861 Maintenance - Building - 1099 Reportable (GL52161)	30,061.00	17,450.34	12,610.66	58.05%
52170:Fuels & Lubricants				
SC2340 Gasoline, All Types (GL52170)	42,000.00	39,450.48	2,549.52	93.93%
52190:Maintenance - Janitorial				
SC2430 Janitorial Management Services - 1099 Reportable (GL52190)	6,780.00	5,785.60	994.40	85.33%
52210:Services				
SC2455 Airplane/Helicopter Services NOC - 1099 Reportable (GL52210)	409,430.00	354,559.00	54,871.00	86.60%
52220:Laboratory Supplies	65,500.00	63,895.42	1,604.58	97.55%
SC2480 Clinical Laboratory Reagents and Tests (GL52220)		26,613.91		

**Placer Mosquito and Vector Control District
Budget to Actuals FYTD as of April 30, 2026**

Ledger Account / Revenue & Spend Code	Budget	Actuals	Balance	% of Budget
SC2500 Gases, Lab / Medical / Welding (GL52220)		6,660.22		
SC2521 Laboratory Supplies (GL52220)		30,621.29		
52240:Professional / Membership Dues				
SC2550 Membership / Registration / Association / Warranties - 1099 Reportable (GL52240)	35,226.00	34,129.75	1,096.25	96.89%
52260:Misc Expense				
SC2570 Misc Expense (GL52260)	0	28.98	(28.98)	0.00%
52330:Other Supplies	12,500.00	4,234.70	8,265.30	33.88%
SC2650 First Aid and Safety Equipment and Supplies (GL52330)		1,493.79		
SC2661 Office Supplies Excluding Paper Goods (GL52330)		2,740.91		
52340:Postage				
SC2790 Postage (GL52340)	500.00	372.95	127.05	74.59%
52360:Professional and Special Services - General	170,789.00	155,693.24	15,095.76	91.16%
SC2820 Personnel Services - 1099 Reportable (GL52360)		25,341.47		
SC2840 Collection Charges - 1099 Reportable (GL52360)		86,689.22		
SC2860 SB2557 Property Tax Admin Costs - 1099 Reportable (GL52360)		1,294.72		
SC2900 Audit Costs - 1099 Reportable (GL52360)		9,940.00		
SC2940 Consulting Services - 1099 Reportable (GL52360)		9,250.00		
SC2945 Uniform Rental and Laundry Services - 1099 Reportable (GL52360)		8,916.08		
SC3010 Alarm Services - 1099 Reportable (GL52360)		6,945.07		
SC3070 AB2838 - LAFCO Fees - 1099 Reportable (GL52360)		7,316.68		
52370:Professional and Special Services - Legal				
SC3130 Legal Services - 1099 Reportable (GL52370)	15,000.00	6,790.00	8,210.00	45.27%
52380:Professional and Special Services - Technical, Engineering and Environmental	16,876.00	8,682.78	8,193.22	51.45%
SC3150 Grounds Maintenance Services - 1099 Reportable (GL52380)		4,999.00		
SC3280 Security, Fire, Safety, and Emergency Services NOC 1099 Reportable (GL52380)		466.00		
SC3322 Hazardous Waste (GL52380)		3,217.78		
52390:Professional and Special Services - County				
SC4705 Internal Professional and Special Services (Non-Interfund Transfer) (GL52390)	16,509.00	16,508.92	0.08	100.00%
52400:Professional and Special Services - Information Technology	163,590.00	139,646.74	23,943.26	85.36%
SC3370 Data Processing, Computer, Programming, Software Maint & Support 1099 Reportable (GL52400)		64,167.74		
SC3380 Computer Management Services - 1099 Reportable (GL52400)		75,479.00		
52440:Short-Term Rents and Leases - Equipment				
SC3460 Short-Term Equipment Rental or Lease Services - 1099 Reportable (GL52440)	151,836.00	120,689.44	31,146.56	79.49%
52444:GASB 87 Lease Payment				
SC3472 GASB 87 Lease Payment - 1099 Reportable (GL52444)	0	25,621.54	(25,621.54)	0.00%
52460:Small Tools & Instruments				
SC3530 Hardware and Related Items (GL52460)	20,350.00	8,263.81	12,086.19	40.61%
52480:PC Acquisition				
SC3560 Computers, Handheld, Laptop, and Notebook (GL52480)	10,000.00	5,696.85	4,303.15	56.97%
52520:Trustee Meetings Compensation				

**Placer Mosquito and Vector Control District
Budget to Actuals FYTD as of April 30, 2026**

Ledger Account / Revenue & Spend Code	Budget	Actuals	Balance	% of Budget
SC3630 Trustee Meetings Compensation - 1099 Reportable (GL52520)	8,400.00	4,940.00	3,460.00	58.81%
52560:Small Equipment				
SC3881 Visual Education Supplies (GL52560)	20,000.00	8,963.31	11,036.69	44.82%
52570:Advertising	121,625.00	38,262.66	83,362.34	31.46%
SC3890 Marketing Services - 1099 Reportable (GL52570)		37,237.04		
SC3895 Publications and Legal Notices (GL52570)		1,025.62		
52590:Tuition Reimbursement				
SC4070 Tuition Reimbursement (GL52590)	5,000.00	2,448.72	2,551.28	48.97%
52785:Training / Education				
SC4000 Educational/Training Services - 1099 Reportable (GL52785)	8,865.00	3,375.00	5,490.00	38.07%
52790:Transportation and Travel	38,684.00	14,115.43	24,568.57	36.49%
SC4280 Travel & Transportation (GL52790)		13,721.32		
SC4290 Mileage (GL52790)		394.11		
52800:Utilities				
SC4340 Utilities (GL52800)	81,617.00	51,891.87	29,725.13	63.58%
53040:Lease Purchase Principal				
SC4720 Lease Purchase Principal (GL53040)	305,000.00	305,000.00	0.00	100.00%
53041:Lease Principal (Right to Use - WD)	28,339.00	0	28339	0.00%
53080:Lease Purchase Interest				
SC4760 Lease Purchase Interest (GL53080)	34,287.00	34,183.60	103.40	99.70%
Total Expenses	6,814,242.75	5,613,635.53	1,200,607.22	82.38%

Warrants April 2026

Payment Date	Supplier	Payment Type	Payment Amount
4/1/2026	ES OPCO USA LLC	Check	1,884.55
4/2/2026	TRIPEPI SMITH & ASSOCIATES INC	Check	280.00
4/2/2026	TRIPEPI SMITH & ASSOCIATES INC	Check	380.00
4/3/2026	US BANK NA	Check	205.46
4/3/2026	CASDU - California State Disbursement Unit (SDU)	EFT Child Support	736.61
4/6/2026	PACIFIC GAS & ELECTRIC COMPANY	Check	969.70
4/6/2026	QUANTABIO LLC	Check	2,996.53
4/6/2026	JOHN WALKER HEATING AND COOLING	Check	842.58
4/6/2026	VERIZON WIRELESS	Check	1,516.97
4/6/2026	VERIZON WIRELESS	Check	77.96
4/6/2026	LIBERTY UTILITIES CO	Check	395.77
4/6/2026	HUNT & SONS LLC	Check	3,118.62
4/6/2026	CITY OF ROSEVILLE	Check	2,236.52
4/6/2026	CITY OF ROSEVILLE	Check	63.98
4/6/2026	CITY OF ROSEVILLE	Check	719.06
4/7/2026	CITIBANK NA	Check	159.31
4/7/2026	THE REINALT-THOMAS CORPORATION	Check	209.80
4/7/2026	THE REINALT-THOMAS CORPORATION	Check	249.77
4/8/2026	INFINITY TECHNOLOGIES	Manual ACH	1,523.75
4/8/2026	INFINITY TECHNOLOGIES	Manual ACH	8,076.25
4/8/2026	JASSO, DAVID CELIO	Check	340.00
4/8/2026	HAURY, RITA E	Check	551.66
4/8/2026	BURCHAM, KAREN LYNNE	Check	1,006.86
4/8/2026	GOSS, GEORGE	Check	1,006.86
4/9/2026	ADAPCO LLC	Manual ACH	4,021.88
4/10/2026	CALPERS	Automatic Wire Payment	46,762.81
4/10/2026	CLARKE MOSQUITO CONTROL PRODUCTS INC	Manual ACH	11,169.79
4/10/2026	CLARKE MOSQUITO CONTROL PRODUCTS INC	Manual ACH	7,677.18
4/10/2026	US BANCORP	Check	17,245.54
4/13/2026	CLARKE MOSQUITO CONTROL PRODUCTS INC	Manual ACH	11,549.07
4/13/2026	CLARKE MOSQUITO CONTROL PRODUCTS INC	Manual ACH	5,961.81
4/13/2026	HARRIS INDUSTRIAL GASES	Manual ACH	206.13
4/13/2026	PATRICK CLARK CONSULTING	Manual ACH	1,500.00
4/14/2026	THE REINALT-THOMAS CORPORATION	Check	1,061.46
4/14/2026	OPTIMUM	Check	191.35
4/14/2026	VWR FUNDING INC	Check	1,147.65
4/14/2026	VWR FUNDING INC	Check	487.91
4/14/2026	VESTIS GROUP INC	Check	168.32
4/14/2026	VESTIS GROUP INC	Check	162.59
4/14/2026	ENTERPRISE FM TRUST	Check	12,623.26
4/14/2026	STAR SECURITY SOLUTIONS INC	Check	114.75
4/16/2026	MIDAMERICA ADMINISTRATIVE & RETIREMENT SOLUTIONS LLC	Manual ACH	4,709.00
4/16/2026	RED SHOE PRODUCTIONS LLC	Check	6,750.00
4/17/2026	CANNON WATER TECHNOLOGY	Check	82.87
4/17/2026	CASDU - California State Disbursement Unit (SDU)	EFT Child Support	736.61
4/20/2026	THE REINALT-THOMAS CORPORATION	Check	578.43
4/20/2026	JASSO, DAVID CELIO	Check	468.00
4/20/2026	BARTKIEWICZ, KRONICK & SHANAHAN	Check	773.75
4/20/2026	HUNT & SONS LLC	Check	2,746.76
4/20/2026	SOUTHWEST GAS CORP	Check	25.88
4/20/2026	TEXAS LIFE INSURANCE COMPANY	Check	98.00
4/20/2026	VESTIS GROUP INC	Check	227.70
4/20/2026	BUCKMASTER BUSINESS MACHINES	Check	36.22
4/20/2026	AMAZON CAPITAL SERVICES INC	Check	407.87

Warrants April 2026

4/20/2026	AMAZON CAPITAL SERVICES INC	Check	200.94
4/20/2026	AMAZON CAPITAL SERVICES INC	Check	8.39
4/20/2026	AMAZON CAPITAL SERVICES INC	Check	34.60
4/20/2026	AMAZON CAPITAL SERVICES INC	Check	95.90
4/20/2026	VEE MAC	Check	3,300.00
4/20/2026	VERIZON COMMUNICATIONS INC	Check	393.50
4/27/2026	MACLEOD WATTS INC	Manual ACH	8,900.00
4/27/2026	LIFE TECHNOLOGIES CORPORATION	Check	1,139.78
4/28/2026	VESTIS GROUP INC	Check	223.36
4/28/2026	VESTIS GROUP INC	Check	165.11
4/28/2026	VESTIS GROUP INC	Check	227.70
4/28/2026	FUTURE FORD INC	Check	181.44
4/29/2026	ADAPCO LLC	Manual ACH	91,543.76
4/30/2026	PREFERRED ALLIANCE INC	Manual ACH	60.00
4/30/2026	HARRIS INDUSTRIAL GASES	Manual ACH	186.80

Board Review and Consideration to Amend the District Budget for Fiscal Year 2025-26

Background

The following amendments to the FY 2025-2026 budget are required to correct the budget, spend code and ledger account. The items below correspond to the letter of the specific amendment on attached Resolution 2026-08

- A. **Lease Principal** budget line needs \$28,339 reclassified to a new spend code due to GASB 87 reporting requirements. No Fiscal Impact

- B. **Copy machine lease payments** need to be reclassified to comply with GASB 87 reporting requirements. No Fiscal Impact.

- C. **Work Clothes** budget line needs \$5,500 to cover expenditures exceeding budgeted amount due to a formula error during the budget process. No Fiscal impact since this will be funded by moving available funds from the Utilities budget line.

- D. **Vehicle Maintenance costs** require an additional \$10,500 to compensate for underestimates in the budget of costs due to addition of basic maintenance through Enterprise fleet and on-going major maintenance through Future Ford. No Fiscal impact since this will be funded by moving available funds from the Utilities budget line.

- E. **Recruitment-related expenditure** related to a rare on-time transfer of a temporary agency employee to a District employee was \$9,805. While this was not explicitly budgeted it is considered to be an employment cost. No Fiscal Impact since this expenditure will be covered by moving funds from Salary and Benefits budget.

- F. **NIDUS Data systems collaboration** was previously approved by the board for \$25,000 for the two-year project. This will be funded by allocation of designated Applied Research funds.

Staff Recommendation:

Staff recommends that the Board approve Resolution 2026-08 Amending the District Budget for Fiscal Year 2025-26 as presented.

**A RESOLUTION OF THE BOARD OF TRUSTEES
OF THE PLACER MOSQUITO AND VECTOR CONTROL DISTRICT
AMENDING THE DISTRICT BUDGET
FOR FISCAL YEAR 2025-26**

WHEREAS, The Board of Trustees (the "Board") of the Placer Mosquito and Vector Control District (the "District") County of Placer, State of California, have reviewed the budget and desire to amend the approved final District Budget, and

NOW, THEREFORE BE IT RESOLVED as follows:

- 1) Amend the District Budget for Fiscal Year 2025-26 by making the following adjustments:
 - A. \$28,339 from SC4721 Lease Principal (Right to Use) Other Agency 53041 – Lease Principal (Right to Use-WD) to SC3472 GASB 87 Lease Payment – 1099 Reportable (GL52444) GASB 87 Lease Payment
 - B. \$2,417 from SC3460 Short-Term Equipment Rental or Lease Services – 1099 Reportable (GL52440) Short -Term Rents and Leases – Equipment to SC3472 GASB 87 Lease Payment – 1099 Reportable (GL52444)
 - C. \$5,500 from SC4340 Utilities (GL52800) to SC2040 Work Clothes (52030) Clothing and Personal
 - D. \$10,500 from SC4340 Utilities (GL52800) to SC2260 Equipment Maintenance and Repair Services for Vehicles & Aircraft – 1099 Reportable (GL52160) Maintenance
 - E. \$9,805 from SC-1810 – Salaries and Wages (51010) to SC-2820 – Personnel Services (52360)
 - F. \$25,000 from OT-991029 – Unfunded Liability (fund used by the district for Applied Research & Educational Reimbursement) to SC3320-Environmental and Ecological Services (52380)

PASSED AND ADOPTED by the Board of Trustees of the Placer Mosquito and Vector Control District on the 18th day of May 2026 by the following vote:

AYES: ∅
NOES: ∅
ABSTAIN: ∅
ABSENT: ∅

Sandy Bendorf, Board President

Attest:

Isabel Alvarez, Board Secretary

RESOLUTION No. 2026-09

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
PLACER MOSQUITO AND VECTOR CONTROL DISTRICT
ACCEPTING THE PRELIMINARY ENGINEER'S REPORT FOR THE
MOSQUITO CONTROL DISTRICT AND THE EAST COUNTY MOSQUITO CONTROL AND
DISEASE PREVENTION ASSESSMENT DISTRICT AND
SCHEDULING THE PUBLIC HEARING FOR JULY 20, 2026**

RESOLVED, by the Board of Trustees (the "Board") of the Placer Mosquito and Vector Control District (the "District"), County of Placer, State of California;

WHEREAS, the Placer Mosquito Abatement District was established in 1996 as a special district within the areas generally described as the southwestern portion of Placer County; and in 2004 all areas generally described as eastern Placer County were annexed into the District; and

WHEREAS, such mosquito abatement services provide tangible health benefits, reduced nuisance benefits and other special benefits to the public and properties within the areas of such services; and

WHEREAS, on July 24, 2000, by its Resolution No.2000-03, the Board levied the first assessment within the Mosquito Control District ("West County") pursuant to the provisions of Article XIID of the California Constitution; and

WHEREAS, on July 26, 2004, by its Resolution No. 2004-12, the Board approved the formation and levying of assessments of the East County Mosquito Control and Disease Prevention Assessment District pursuant to the provisions of Health and Safety Code section 2080 and the provisions of California Constitution Article XIII-D; and

WHEREAS, on December 11, 2006, by its Resolution No. 2006-12, the Board changed the name of the District from "Placer Mosquito Abatement District" to "Placer Mosquito and Vector Control District",

WHEREAS, the purpose of the Assessment District is for the installation, maintenance and servicing of improvements to the Placer Mosquito and Vector Control District. Within the Vector Control District, the proposed improvements and services are generally described as mosquito control services, such as mosquito surveillance, source reduction, larvicide and adulticide applications, disease monitoring, public education, reporting, accountability, research and interagency cooperative activities.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. SCI Consulting Group, the Engineer of Work, has prepared an engineer's report in accordance with Article XIID of the California Constitution and Section 2082, et. seq., of the Health and Safety Code (the "Report"). The Report has been made, filed with the secretary of the board and duly considered by the Board and is hereby deemed sufficient and preliminarily approved. The Report shall stand as the Engineer's Report for all subsequent proceedings under and pursuant to the foregoing resolution.

2. It is the intention of this Board to continue to levy and collect assessments for the Mosquito Control District and the East County Mosquito Control and Disease Prevention Assessment District for fiscal year 2026-27 for the proposed projects and services set forth in the Report. Within the Districts, the proposed projects and services are generally described as mosquito, vector and disease control services and projects such as surveillance, source reduction, identification and elimination of removable breeding locations, identification and treatment of breeding and source locations, application of materials to eliminate larvae, disease surveillance and monitoring, public education, reporting, accountability, research and interagency cooperative activities as well as capital costs, maintenance and operation expenses (the “Services”).
3. The Assessment may be levied annually and may be adjusted by up to the maximum 3.00% annual CPI adjustment without any additional assessment ballot proceeding. The actual increase in CPI is 3.0365% for 2026-27. An adjustment is proposed for 2026-27 of 3.00%. (This will result in 2.59% “banked” CPI and is the maximum allowable CPI increase for this year consistent with the 3.00% maximum annual growth requirement.) The rate, adjusted by 3.00% for 2026-27 is \$23.78 per Single Family Equivalent.
4. The estimated fiscal year 2026-27 cost of providing the Services is \$3,812,073 and a total assessment amount of \$3,684,573. This cost results in a proposed assessment rate for fiscal year 2026-27 of TWENTY THREE DOLLARS AND SEVENTY-EIGHT CENTS (\$23.78) per single-family equivalent benefit unit. Reference is hereby made to the Report for a full and detailed description of the proposed assessments upon assessable lots and parcels of land.
5. Notice is hereby given that on July 20, 2026, at the hour of 4:00 p.m. at the Placer Mosquito and Vector Control District office located at 2021 Opportunity Drive in Roseville, California; the Board will hold a public hearing to consider the ordering of the Services, and the continuation of the levy of the assessments for fiscal year 2026-27.
6. The Board Secretary shall cause a notice of the hearing to be given by publishing a notice, at least ten (10) days prior to the date of the hearing above specified, in a newspaper circulated in the District.

PASSED AND ADOPTED by the Board of Trustees of Placer Mosquito and Vector Control District on this 18th day of May, 2026 by the following vote:

AYES: ∅
 NOES: ∅
 ABSTAIN: ∅
 ABSENT: ∅

Sandy Bendorf, Board President

ATTEST:

Isabel Alvarez, Board Secretary

RESOLUTION No. 2026-10**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
PLACER MOSQUITO AND VECTOR CONTROL DISTRICT
ACCEPTING THE PRELIMINARY ENGINEER'S REPORT FOR THE
EXPANDED SERVICES AND PERMANENT FACILITY ASSESSMENT AND
SCHEDULING THE PUBLIC HEARING FOR JULY 20, 2026**

RESOLVED, by the Board of Trustees (the "Board") of the Placer Mosquito and Vector Control District (the "District"), County of Placer, State of California;

WHEREAS, the Placer Mosquito Abatement District was established in 1996 as a special district within the areas generally described as the southwestern portion of Placer County; and in 2004 all areas generally described as eastern Placer County were annexed into the District; and

WHEREAS, such mosquito abatement services provide tangible health benefits, reduced nuisance benefits and other special benefits to the public and properties within the areas of such services; and

WHEREAS, on December 11, 2006, by its Resolution No. 2006-12, the Board changed the name of the District from "Placer Mosquito Abatement District" to "Placer Mosquito and Vector Control District",

WHEREAS, Prior to 2008, the District facility was located at 150 Waverly Drive in Lincoln, California and this facility was inadequate for virtually all elements of comprehensive mosquito and vector control including: laboratory work, legally compliant chemical storage, vehicle maintenance and storage, and general district management and administration, and the District was in need of a permanent vector control facility and laboratory; and

WHEREAS, as of 2007, in order to provide the level of vector control services desired by the community, the District needed to expand and improve its' vector control services; and

WHEREAS, on July 16, 2007, by its Resolution No. 2007-10, the Board approved the formation and levying of assessments of the Expanded Services and Permanent Facility Assessment pursuant to the provisions of Health and Safety Code section 2080 and the provisions of California Constitution Article XIII-D; and

WHEREAS, the purpose of the Assessment District is for the installation, maintenance and servicing of improvements to the Placer Mosquito and Vector Control District. Within the District, the proposed improvements and services are generally described as the expansion and improvements of mosquito and vector control services, surveillance, disease prevention, abatement, and control of vectors within the service area. Such vector control and disease prevention projects and programs include, but are not limited to, source reduction, biological control, disease monitoring, public education, reporting, accountability, research and interagency cooperative activities. The proposed improvements and services also include the capital costs, maintenance, and operation expenses of the permanent operational vector control facility including laboratory and shop, as well as financing costs for the facility improvements and other capital improvements at the District's facility at 2021 Opportunity Drive in Roseville, California.

NOW, THEREFORE, BE IT RESOLVED as follows:

1. SCI Consulting Group, the Engineer of Work, has prepared an engineer's report in accordance with Article XIID of the California Constitution and Section 2082, et. seq., of the Health and Safety Code (the "Report"). The Report has been made, filed with the secretary of the board and duly considered by the Board and is hereby deemed sufficient and preliminarily approved. The Report shall stand as the Engineer's Report for all subsequent proceedings under and pursuant to the foregoing resolution.

2. It is the intention of this Board to continue to levy and collect assessments for the Expanded Services and Permanent Facility Assessment for fiscal year 2026-27 for the proposed improvements and services set forth in the Report. Within the District, the proposed improvements and services are generally described as the expansion and improvements of mosquito and vector control services, surveillance, disease prevention, abatement, and control of vectors within the service area. Such vector control and disease prevention projects and programs include, but are not limited to, source reduction, biological control, disease monitoring, public education, reporting, accountability, research and interagency cooperative activities. The proposed improvements and services also include the capital costs, maintenance, and operation expenses of the permanent operational vector control facility including laboratory and shop, as well as financing costs for the facility improvements and other capital improvements at the District's facility at 2021 Opportunity Drive in Roseville, California.
3. The Assessment may be levied annually and may be adjusted by up to the maximum 3.00% annual CPI adjustment without any additional assessment ballot proceeding. The actual increase in CPI is 3.0365% for 2026-27. An adjustment is proposed for 2026-27 of 3.00%. (This will result in 2.59% "banked" CPI and is the maximum allowable CPI increase for this year consistent with the 3.00% maximum annual growth requirement.) The rate, adjusted by 3.00% for 2026-27 is \$13.20 per Single Family Equivalent.
4. The estimated fiscal year 2026-27 cost of providing the Services is \$2,568,764 and a total assessment amount of \$2,482,254. This cost results in a proposed assessment rate for fiscal year 2026-27 of THIRTEEN DOLLARS AND TWENTY CENTS (\$13.20) per single-family equivalent benefit unit. Reference is hereby made to the Report for a full and detailed description of the proposed assessments upon assessable lots and parcels of land.
5. Notice is hereby given that on July 20, 2026, at the hour of 4:00 p.m. at the Placer Mosquito and Vector Control District office located at 2021 Opportunity Drive in Roseville, California; the Board will hold a public hearing to consider the ordering of the Services, and the continuation of the levy of the assessments for fiscal year 2026-27.
6. The Board Secretary shall cause a notice of the hearing to be given by publishing a notice, at least ten (10) days prior to the date of the hearing above specified, in a newspaper circulated in the District.

PASSED AND ADOPTED by the Board of Trustees of Placer Mosquito and Vector Control District on this 18th day of May 2026 by the following vote:

AYES: ∅
NOES: ∅
ABSTAIN: ∅
ABSENT: ∅

Sandy Bendorf, Board President

ATTEST:

Board Review and Acceptance of the Integrated Vector Management (IVM) Operational Framework Version 1.0

Background

The Placer Mosquito and Vector Control District (PMVCD) has historically operated using science-based Integrated Vector Management (IVM) principles supported by surveillance, public health coordination, environmental stewardship, and professional operational judgment. As vector ecology, public health threats, regulatory complexity, technology, and community expectations continue to evolve, the District has identified the need to formally articulate the operational governance structure that guides these activities.

The Integrated Vector Management (IVM) Operational Framework Version 1.0 was developed to provide a durable and scalable operational governance framework supporting:

- surveillance interpretation;
- proportional operational response;
- public communication;
- operational coordination;
- institutional continuity;
- and long-term public health stewardship.

The Framework documents how PMVCD interprets surveillance information, aligns operational posture with documented conditions, and applies integrated vector management principles across multiple operational domains, including mosquito-borne disease prevention, invasive mosquito response, nuisance mosquito management, tick surveillance, yellowjacket response, and emerging vector preparedness.

The Framework is intended to function as an operational governance and technical alignment document administered under the authority of the General Manager. It does not expand statutory authority, establish rigid operational mandates, or replace standard operating procedures. Rather, it provides the decision architecture and operational alignment structure under which tactical plans, operational annexes, and procedures are implemented.

The document was developed with staff input and reflects current operational practices, public health principles, scientific stewardship, and regional coordination considerations. The Framework is also intended to support institutional continuity as operational conditions, technologies, and public health challenges evolve over time.

Discussion

The Framework establishes several foundational operational concepts, including:

- the Unified Vector Threat Model (UVTM);
- Signal–Action Mapping (SAM);
- Operational Posture scaling;
- proportional response principles;
- and annex-based operational alignment.

These concepts are intended to improve consistency in operational interpretation and communication while preserving flexibility for site-specific professional judgment and adaptive management.

The Framework also reinforces the District’s role as a public health agency utilizing integrated vector management tools within a broader framework of surveillance, public education, environmental stewardship, and interagency coordination.

The document is structured to remain durable while allowing future refinement of annexes, response plans, surveillance methodologies, and operational practices under executive administrative authority as scientific understanding and operational needs evolve.

Because the Framework functions as an operational governance and technical guidance document developed under executive authority, staff recommends that the Board formally receive and accept the Framework rather than adopt it as Board policy.

Fiscal Impact

There is no direct fiscal impact associated with acceptance of the Framework. Future operational activities conducted under the Framework remain subject to Board-approved budgets, staffing levels, and fiscal oversight.

Staff Recommendation:

Staff recommends that the Board of Trustees receive and accept the Integrated Vector Management (IVM) Operational Framework Version 1.0 as a foundational operational governance framework supporting the District’s public health mission, surveillance interpretation, proportional response, and operational alignment activities.

Truckee Field Station Report

May 2026

Field Station Manager: Angella Falco

Plan Check

We received no plan check requests in April.

Tick Surveillance

- In April we collected 243 ticks from our 10 trails, a significant decrease of 73% from March (907).
- In April the number of *Dermacentor* ticks we collected accounted for 63% of our collections, up from 46% in March.
- Of the 90 *Ixodes* ticks collected in April, 80 came from a single trail, Stevens Trail.
- Nymphal surveillance resulted in 130 *Ixodes* nymphs from 5 trails.

	<i>Ix. pacificus</i> (m)	<i>Ix. pacificus</i> (f)	<i>D. occidentalis</i> (m)	<i>D. occidentalis</i> (f)	<i>D. variabilis</i> (m)	<i>D. variabilis</i> (f)	Totals
Foresthill Divide	0	1	2	1	0	0	4
Auburn Overlook	0	0	2	1	0	0	3
Stagecoach	0	1	1	0	0	0	2
Hidden Falls	1	0	0	0	0	0	1
Beek's Bight	1	0	26	40	18	15	100
Horseshoe Bar	0	0	7	15	0	0	22
Black Hole of Calcutta	1	0	2	4	0	0	7
Placer Nature Center	0	0	0	0	0	0	0
Sugar Pine	5	0	1	0	0	0	6
Steven's Trail	40	40	9	6	1	2	98
						Total	243

	Nymphs
Foresthill Divide	2
Auburn Overlook	16
Horseshoe Bar	57
Placer Nature Center	6
Steven's Trail	49
	130

Mosquito Surveillance

Weekly mosquito surveillance begins May 12th. Seven weekly traps will be out from May through September. Traps are out for 1 night each week.

Yellowjacket Surveillance

Weekly yellowjacket surveillance begins May 12th. Two traps will be put out at seven different sites, one baited with canned chicken, the other baited with heptyl butyrate. Traps will be up from May through October and will be collected and refreshed every seven days.

Seasonal VCA

Madison Smith returned on May 4th to begin her third season as a seasonal VCA for the Truckee field station.

UNR Interns

Dr. Gulia-Nuss has selected two UNR students for the 2026 PacVec internship. The interns will work with PMVCD from May 27th through July 8th. They will work 7:30-3:30 every Tuesday and Wednesday in the Truckee office. Their final two days will be spent in the Roseville office learning about PCR with Dr. Phillip Spinks.



PUBLIC INFORMATION AND OUTREACH REPORT

Reporting period: April-May 2026

Prepared by: Emma Carlson, Public Information Officer

April-May HIGHLIGHTS

Community Events & Outreach

- **Tahoe Coalition Meeting:** We reconvened the Tahoe Basin Coalition for the first time since 2019. This meeting took place in Tahoe City and has representation from El Dorado County Vector Control District, Washoe County Health District Vector-Borne Diseases Prevention Program, Douglas County Mosquito Abatement Program, and California Department of Public Health officials. The discussion centered around public education and best practices for vector prevention. The coalition plans to convene bi-annually, once in-person leading into summer mosquito season and again virtually in the winter. The coalition decided to commence a revision of the legacy brochure, which I am now collecting feedback on.
- **Protecting American River Canyons Cleanup (Earth Day):** We had a booth at this collaboration between the California State Parks and Protect American River Canyons group. Over 50 volunteers joined at the Confluence in Auburn to clean highly trafficked trails and learn about biodiversity conservation efforts in our community. We were able to reach both volunteers and hikers, providing insect repellent wipes and information on the prevalence of ticks in the outdoor recreation area.
- **Phoenix High School Career Fair:** We gathered alongside local organizations and employers for this career and education fair. This also served as part of our recruitment efforts for summer internships.
- **Heritage Placer Vineyards Meeting:** Jake Hartle, Brent Geeve, and I visited the monthly neighborhood meeting at Heritage Placer Vineyards, where Jake presented on West Roseville specific mosquito topics. As the technician servicing the area, Brent answered questions from residents, and we discussed future collaboration opportunities to get information to residents quickly.
- **Sierra College Earth Day Festival:** This event is hosted by Sierra College's Environmental Science and Sustainability department and the Ecologically Concerned Organization of Students (ECOS) and included several Placer County environmental and health-related agencies. In addition to reaching over 100 students, we brainstormed future outreach opportunities with the other groups.
- **Confluence West High School Class Presentation:** I met with a classroom of high school students to speak about our District's mission, operations, and career opportunities. We plan to continue collaborating with this group because of their students' interest and involvement in drones. Three students are nearly complete with drone pilot training.



- **Sierra College Dinosaur Day:** This kids-focused event had more than 1,600 attendees. We focused our booth on our Lyme Disease Awareness Month campaign, also bringing along our insect petting zoo for science education.
- **School Assemblies:** Sierra Elementary, Roseville (408 students); Skyridge Elementary, Auburn (333 students); Maidu Elementary, Roseville (475 students). Upcoming assemblies include Kaseberg Elementary and Rex Fortune Elementary in Roseville.
- **Upcoming:**
 - **Kidzapalooza, Auburn, CA**
 - **Greenhills Elementary Community Helper Day**
 - **STEM Drone Tour: High school group**
 - **Potters Baseball Vendor Nights**
 - **City of Roseville Summer Reading Series**

Campaigns & Awareness

- **California Mosquito Awareness Week (4/19-4/25):** In addition to our board-approved resolution, we had a full week of outreach events and created informational videos for our social media to prepare residents for the upcoming mosquito season.
- **National Heartworm Awareness Month (April):** Our campaign centered around employee pet spotlights on social media, concluding with team member Phil's pet tortoise.
- **Lyme Disease Awareness Month (May):** We continue to distribute Lyme bracelets at our outreach events and publish content focused on tick awareness. On May 4, our two Colfax digital billboards went live with messaging around ticks and Lyme disease.
- **Upcoming:**
 - **Placer Soccer Complex Banner (6/1)**
 - **Clear Channel:** 6 rotating billboards (6/1-6/29); retargeting advertisements will be active as well.
 - **National Mosquito Control Awareness Week (6/21-6/27)**



Digital Outreach



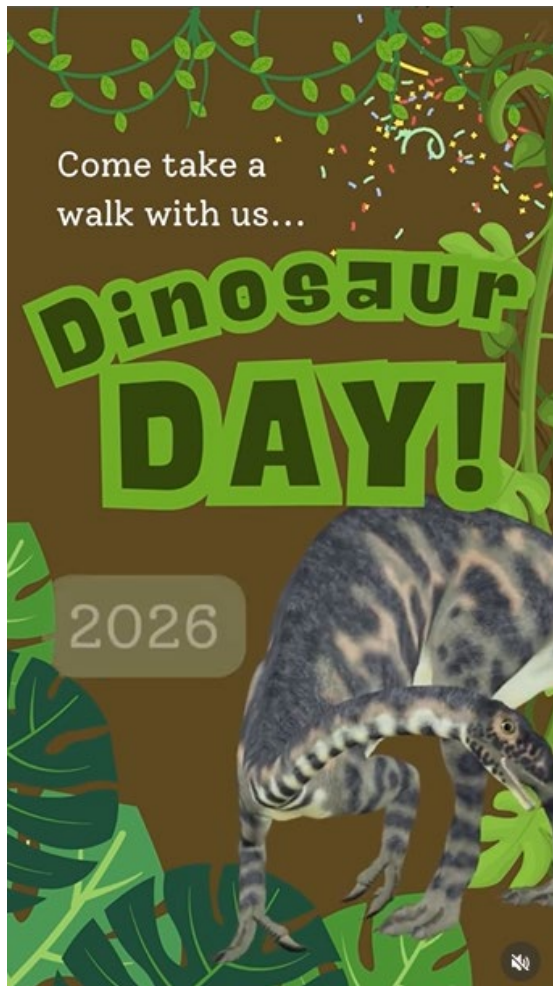
What are those???

Yep—these critters are ticks! In Placer County, we commonly see ticks from the Dermacentor genus, including Pacific Coast ticks and American dog ticks (both also known as “wood ticks”).

☞ Pacific Coast Tick (*Dermacentor occidentalis*): typically found from November through June, especially in areas with higher humidity

☞ American Dog Tick (*Dermacentor variabilis*): most active from May through August and prefers sunny areas like tall grasslands and overgrown, low-brush habitats

The good news? While our team found these ticks out on a trail just last week, they are NOT known vectors of Lyme disease. Nevertheless, remember to check yourself, pets, and gear after spending time outdoors!



Sunday Funday! It was a DINO-mite day at Sierra College this past Sunday, where science came to life with crafts, games, dancing, and lots of fun!

☞ While the story of Jurassic Park stretches the science, it is true that early mosquitoes coexisted with dinosaurs—possibly over 100 million years ago. Pretty wild to think those tiny buzzers were around when giants roamed the Earth!

Thanks to everyone who joined us to explore, learn, and get tips on preparing for mosquito season



It was awesome to kick off Lyme Disease Awareness Month on Friday with Confluence West High School of Loomis! 🎓

We talked all things mosquitoes and ticks, and here are a couple questions that came up that we think everyone should know: 🙋

Q: Do all ticks carry Lyme disease? 🕷️

A: No, in Placer County the only tick known to transmit Lyme disease is the Western black-legged tick.

Q: Why do mosquitoes like me? 🤔 🦟

A: Mosquitoes are attracted to things like carbon dioxide (the air you exhale), body heat, sweat, and even natural skin scents. Some people naturally give off cues that make them more noticeable to mosquitoes than others.

Q: What can I do this summer to prevent bites? ☀️

A: Use EPA-registered repellents, wear long sleeves and pants when possible, and reduce standing water around your home to limit breeding sites. 💧

Always great to connect with students and talk science in action! 🦟 🌿



📢 Public Service Announcement

Help us help you 🤝 The CA Department of Public Health hotline is now open for reporting dead birds 🦅

These reports help us detect West Nile virus early, making you a key part of protecting public health in Placer County 🇺🇸

🧪 With onsite lab testing, we can quickly monitor activity and keep our community informed.



MAY IS LYME DISEASE

AWARENESS MONTH



PLACER
MOSQUITO
& VECTOR
CONTROL
DISTRICT

May is Lyme Disease Awareness Month ❤️
In Placer County, ticks are active nearly year-round—especially in foothill areas 🌿
The Western black-legged tick (*Ixodes pacificus*) is the primary vector of Lyme disease in our region 🕷️

While the 3 D's (DUMP, DRAIN, DISTRICT) are key for mosquito prevention, we're highlighting the 5 D's of tick prevention as we kick off May:

- 🕒 DEFEND yourself from ticks with an EPA-registered tick repellent.
- 👕 DRESS PROTECTIVELY by covering exposed skin with clothing, wearing long pants and sleeves, and tucking pant legs into socks.
- 🌿 DISCOURAGE ticks around your home by clearing debris and dense vegetation.
- 🔍 DO regular tick checks for several days after being in tick habitat and shower or bathe as soon as possible after being in a tick habitat.
- 👉 DETACH ticks immediately using the proper technique.

Stay aware and protected. Enjoy the outdoors safely 🌲 🌞

PLACER MOSQUITO & VECTOR CONTROL DISTRICT

May is Lyme Disease Awareness Month

After the trail

DO THE CHECK

✓ PROTECT ✓ CHECK ✓ PREVENT

PLACER MOSQUITO & VECTOR CONTROL DISTRICT

May is Lyme Disease Awareness Month

Dogs make friends

TICKS TAG ALONG

Check your dog after every walk!

✓ PROTECT ✓ CHECK ✓ PREVENT



Field Operations and Surveillance Report

Prepared May 11, 2026

Deputy General Manager: Jake Hartle

Supervisors: Cassey Hubble, Mike Ashley and Scott Schon

Mosquito Surveillance & Vector-borne Disease Testing

Adult Mosquito Abundance:

- *Culex tarsalis*: After an abnormal abundance spike in late March, *Culex tarsalis* abundance has maintained at the expected 3-year average over the past 5 weeks.
- *Culex pipiens* (the common house mosquito) abundance has been slowly increasing throughout March and April, hovering just above the expected 3-year average (*Figure 1*).
 - *Culex pipiens* and *Culex tarsalis* are two of several species in the *Culex* genus that act as the primary vectors for West Nile virus, St. Louis encephalitis, and Western equine encephalitis.
- *Aedes sierrensis* (Western treehole mosquito) trap collection numbers showed a rapid rise in abundance in early spring, followed by a decline to below-average population levels by week 16 (April 13-19).
 - The Western treehole mosquito breeds in water-filled cavities of mature oak trees, often sustained by rainfall or irrigation. Females feed on a wide range of mammals and are known to aggressively bite humans during the day.
- *Aedes increpitus*, a floodwater mosquito species, remained at low levels throughout April. This mosquito commonly develops in temporary floodwater habitats, including irrigated fields, roadside drainage ditches, and rain- or runoff-filled pools found throughout the county. Eggs can remain dormant in dry soil and hatch rapidly following flooding events, allowing populations to increase quickly after periods of rainfall or irrigation.

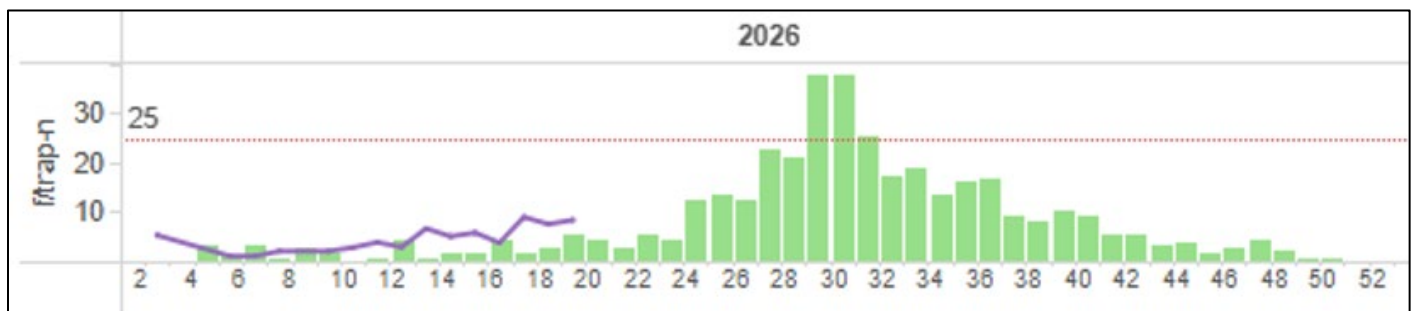


Figure 1: *Culex pipiens* adult mosquito count per trap night (purple line), compared to the three-year average (green bars) by calendar weeks (Week 15 represents May 3-9)

Invasive Aedes Surveillance:

- *Aedes aegypti* weekly surveillance trapping started on April 13.
 - The weekly invasive Aedes surveillance typically consists of 36 traps set each week.
 - The past 3 weeks of trapping have produced an average of 21 adult mosquitoes per week, for a seasonal total of 66 adult *Aedes aegypti*.
- The Invasive Mosquito Response Plan was reviewed and edited for the 2026 season.
 - The adjusted plan included increased thresholds, adjusted trigger conditions and operational responses.

Vector-borne Disease Testing:

- Vector species collected continue to be tested, and zero positive mosquito samples (WNV, SLE, WEE) have been detected in 2026.
- CDPH launched the dead bird hotline on April 13th. Since that time the District has collected and tested 6 birds, half of which were mourning doves.
 - Birds are the primary host for WNV, and although mourning doves are not an ideal species for spreading the virus, they are abundant in urban areas and can serve as key indicators for detecting early WNV circulation
- The annual proficiency panel results have been returned from Davis Arbovirus Research and Training (DART) Laboratory, and Placer Mosquito successfully completed the panel.

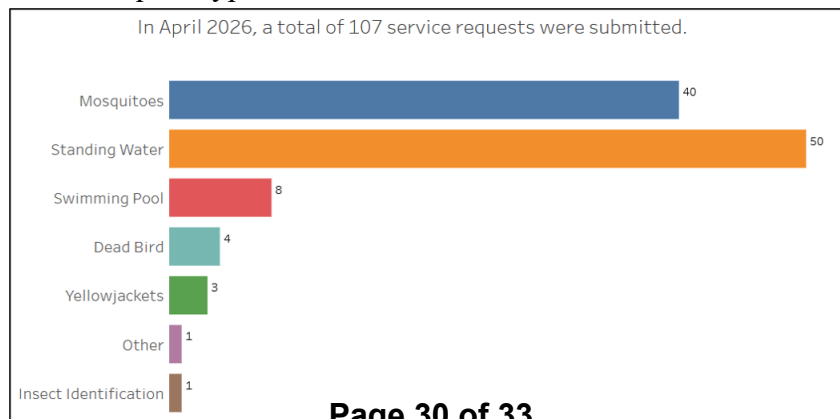
Field Operations

Mosquito Source Work for April 2026:

- Total Applications: 422 (*March 597*)
- Sites Treated: 414 (*March 465*)
- Sites Dipped: 1,044 (*March 1,056*)
- Dry Checks: 228 (*March 288*)
- Sites Visited: 1,760 (*March 1,687*)

Service Requests

- Closed: 88
- 107 request types



Unmanned Aircraft Systems (UAS) Program

- Hylío is upgrading our spreader to work more effectively with fine granular products.
- No UAS applications in the month of April.

Biological Control – Fisheries

- Mosquitofish (*Gambusia affinis*) applications began in early March, approximately one month earlier than normal due to warmer seasonal conditions.
- 145 applications totaling 4250 mosquitofish, *Gambusia affinis* stocked for biological control in the month of April.

	April 2025	2026 Season to 30 April	2025 Season to 30 April
Adult mosquitofish stocked	6,013 (13.4 lbs)	10,215 (22.7 lbs)	6,228 (13.8 lbs)
Fry produced in-house	1,753 (3.9 lbs)	2,653 (5.9 lbs)	1,753 (3.9 lbs)
Fish harvested from the wild	0 (0.0 lbs)	0 (0.0 lbs)	0 (0.0 lbs)
<i>Weights given with the assumption of 450 adult fish per pound.</i>			
Report Date	Current Year	Prior Year	
30 Apr 2025	2026	2025	

Miscellaneous

Dr. Olivia Winokur from PacVec/VectorSurv Collaboration:

- Last year, the District participated in a collaborative effort aimed at improving our understanding of summer tick diversity and abundance. As April marks the end of our traditional tick sampling season, Olivia will continue to sample both the Auburn Overlook Trail and Beeks Bight Trail in the Folsom Lake-Granite Bay area for ticks this year.

Uniform Vendor: CINTAS

- Cintas has completed the sizing and measurements of employees requiring a uniform.
 - The transition to the new vendor is expected to take place in June.

Vector Control Assistants

- We are excited to have both Ryan Ostermann (Roseville) and Madison Smith (Truckee) returning seasonal employees. We would also like to welcome Daniel J. Fernandez to the team.

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General Manager's Report

Joel Buettner, General Manager

05/10/2026

Finance Committee Meeting met on May 7, 2026. I presented the FY26-27 draft budget and answered questions from the committee. Of note, the draft budget estimate for the salary CPI was low (2.75%). The actual CPI released after the meeting was 3.8% and has been updated in the draft budget. We plan to bring the final budget to the board at the regular board meeting in June.

Applied Research

The District was contacted by a Stanford Researcher looking to continue their project studying the potential for UAS/AI technology to assess mosquito habitats.

We have scheduled a kickoff meeting for the NIDUS project approved last month. I will provide updates at the meeting.

AUVSI Conference

I attended, in lieu of the AMCA Washington Conference, the Association for Uncrewed Vehicle Systems International (AUVSI) in Detroit. I will be meeting with advocacy groups and, in particular, UAS manufacturers to better understand the impact of recent FCC regulations announcing limiting approvals and importation of foreign-made UAS and critical components starting in the fall. As proposed, this will likely impact the UAS supply chain and ability to purchase UAS and components used in mosquito control programs. The AUVSI conference is a key meeting where FAA and FCC regulators, manufacturers, and end-users come together to discuss current issues in the UAS space.

Upcoming Events

- AUVSI Conference – May 11-14 – Detroit, MI
- AMCA Washington Conference – May 12–13, 2026 – Washington, D.C.