

**PLACER MOSQUITO & VECTOR CONTROL DISTRICT
BOARD OF TRUSTEES**
2021 Opportunity Drive
Roseville, CA 95678
**REGULAR BOARD MEETING
AGENDA**

April 21, 2025, 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 (408) 638-0968 and when prompted, enter the Meeting ID: 843 1597 3059 or <https://us06web.zoom.us/j/84315973059>

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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 L. Holliday-
Hanson, Ph.D.
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 | Introduction of Guest
A. James Butera, LSL, LLP (District Auditor) by teleconference |
| | 5 | Agenda Review |
| | 6 | 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> |
| | 7 | Consent Agenda – Action item |
| 3-5 | | A. Minutes of the March 17, 2025, Regular Board Meeting |
| 7-8 | | B. Acknowledge Warrants Issued March 2025 |
| 9-12 | | C. Financial Report: Fiscal Year to Date March 31st, 2025 |
| 13-25 | | D. Board Review and Consideration to approve Contract with Basin Aviation, for aerial application services. |
| Attach A | 8 | Board Review and Consideration to Accept the Financial Audit Report for Fiscal Year 2023-2024 - Action item |
| 27-30 | 9 | 3D Printing to Support Programs at Placer MVCD Presentation - Phillip Spinks, Senior Research Scientist |
| 31-32 | 10 | Board Review and Consideration of Resolution 2025-05 Recognizing West Nile Virus and Mosquito and Vector Control Awareness Week 2025 – Action item |
| 33 | 11 | Board Ratification to Amend Advertising Contract with Brandstar for “The Balancing Act” TV Segment - Action item |

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- 12 Staff Reports**
- A. Eastern Placer Report- Angella Falco
 - B. Public Information and Outreach Report – Meagan Luevano
 - C. Field Operations and Surveillance Report – Jake Hartle
 - D. General Manager’s Report – Joel Buettner
- 35-40
41-43
45
- 13 Board/Staff General Discussion**
- 14 Announcements**
- A. The next Personnel Committee meeting will be held April 28, 2025, at 2:00 PM at 2021 Opportunity Dr., Roseville, CA 95678.
 - B. The next Finance Committee meeting will be held May 6, 2025, at 1:30 PM at 2021 Opportunity Dr., Roseville, CA 95678.
 - C. The next regular Board meeting will be held May 19, 2025, at 4:30 PM, at 2021 Opportunity Dr., Roseville, CA 95678
- 15 Closed Session**
- A. Conference with legal counsel: Existing litigation pursuant to Paragraph (1) of subdivision (d) of Section 54956.9, (Conference with legal counsel: Existing litigation pursuant to Paragraph (1) of subdivision (d) of Section 54956.9, (Henry Etta Mason vs. Placer Mosquito and Vector Control District, Placer County Superior Court Case NO. S-CV-0053010)
- Reconvene from Closed Session**
- 16 Report from Closed Session**
- 17 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.

Placer Mosquito & Vector Control District
Board of Trustees Regular Board Meeting – Minutes
March 17, 2025, 4:30 PM
Placer Mosquito & Vector Control District Office
2021 Opportunity Drive, Roseville, CA 95678

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 (408) 638-0968 and when prompted, enter the Meeting ID: 824 2113 8752 or <https://us06web.zoom.us/j/82421138752>

1. **Call to Order:** President Stockwin called the meeting to order at 4:30 PM.
2. **Roll Call:** Trustees Sandy Bendorf, Jill Gayaldo, Peter Gilbert, Ross Hutchings, Russ Kelley and Will Stockwin were present. Trustee Merry Holliday-Hanson was absent with notification
District Employees Present: Manager Joel Buettner, Jake Hartle, Isabel Alvarez, and Meagan Luevano.
Public: Julie Anchor, Mike Remy and Judy Remy
3. **Pledge of Allegiance** was led by Manager Buettner.
4. **Agenda Review:** There was a consensus to move Item 7 Resolution 2025-02 Recognizing and Commending Allen Pontes & Julie Anchor to after Item 9
5. **Public Comment:** There were none.
6. **Consent Agenda**
 - A. Minutes of the February 24, 2025, Regular Board Meeting
 - B. Acknowledge Warrants Issued February 2025
 - C. Financial Report: Fiscal Year to Date February 29th, 2025

A motion to approve the consent agenda was made by Trustee Gilbert seconded by Trustee Bendorf, unanimously approved no abstentions

Ayes: Trustees Bendorf, Gilbert, Gayaldo, Hutchings, Kelley and Stockwin

Noes: ∅

Abstain: ∅

Absent: Trustee Holliday-Hanson

8. **Board Review and Consideration of Resolution 2025-03**

A motion to approve Resolution 2025-03 “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, Gilbert, Hutchings, Kelley and Stockwin

Noes: ∅

Abstain: ∅

Absent: Trustee Holliday-Hanson

9. **Board Review and Consideration of Resolution 2025-04**

A motion to approve Resolution 2025-04 “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, Gilbert, Hutchings, Kelley and Stockwin

Noes: ∅

Abstain: ∅

Absent: Trustee Holliday-Hanson

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

A motion to Nominate Trustee Peter Gilbert for Special District Representative to the Placer County Local Agency Formation Commission (LAFCO) was made by Trustee Gayaldo, seconded by Trustee Bendorf, unanimously approved, no abstentions.

Ayes: Trustees Bendorf, Gayaldo, Gilbert, Hutchings, Kelley and Stockwin

Noes: ∅

Abstain: ∅

Absent: Trustee Holliday-Hanson

11. Board Review and Consideration of Amending General Manager Contract

A motion to approve amending the General Manager Contract was made by Trustee Gilbert, seconded by Trustee Hutchings, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Gilbert, Hutchings, Kelley and Stockwin

Noes: ∅

Abstain: ∅

Absent: Trustee Holliday-Hanson

12. Board Review and Consideration of Amending Assistant Manager Contract

A motion to approve amending the Assistant Manager Contract was made by Trustee Gayaldo, seconded by Trustee Bendorf, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Gilbert, Hutchings, Kelley and Stockwin

Noes: ∅

Abstain: ∅

Absent: Trustee Holliday-Hanson

13. Staff Reports

A. Eastern Placer Report – Jake Hartle gave a verbal update.

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.

14. Board/Staff General Discussion:

Ms. Alvarez mentioned that Form 700 is due April 1st.

7. Board Review and Consideration of Resolution 2025-02

Meagan Luevano presented Resolution 2025-02 to Julie Anchor. Trustees Gayaldo, Gilbert, and Kelley thanked them for their outstanding service over the years and expressed their heartfelt sympathy for the passing of Allen Pontes.

A motion to approve Resolution 2025-02 Recognizing and Commending Allen Pontes & Julie Anchor was made by Trustee Gilbert, seconded by Trustee Kelley, approved by roll call vote.

Ayes: Trustees Bendorf, Gayaldo, Gilbert, Hutchings, Kelley and Stockwin

Noes: ∅

Abstain: ∅

Absent: Trustee Holliday-Hanson

15. Announcements

A. The next regular Board meeting will be held April 21, 2025 at 4:30 PM, at 2021 Opportunity Dr., Roseville, CA 95678

B. The next regular Personnel Committee meeting will be held April 28, 2025, at 3:30 PM at 2021 Opportunity Dr., Roseville, CA 95678.

16. Adjournment:

President Stockwin adjourned the meeting at 5:15 PM.

Minutes approved by the Board and dated, this 21st day of April 2025, after passage.

Will Stockwin, Board President: _____

Attest:

Isabel Alvarez, Board Secretary: _____

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Warrants March 2025

Payment	Payment Type	Payee	Payment Amount
3/3/2025	Check	CITY OF ROSEVILLE - Remit-To: PO BOX 619136	59.73
3/3/2025	Check	O'REILLY AUTO ENTERPRISES LLC	64.12
3/3/2025	Check	HARRIS INDUSTRIAL GASES	121.33
3/3/2025	Check	DELTEK INC - Remit-To: PO BOX 931804	224.64
3/3/2025	Check	CITY OF ROSEVILLE - Remit-To: PO BOX 619136	693.82
3/3/2025	Check	AMERICAN FIDELITY ASSURANCE COMPANY (MAR)	1,105.34
3/3/2025	Check	ARNAUDO BROS LP	2,249.10
3/3/2025	Check	CITY OF ROSEVILLE - Remit-To: PO BOX 619136	2,641.65
3/3/2025	Check	BRANDSTAR LOCAL LLC (Hold)	4,900.00
3/3/2025	Check	PRINCIPAL LIFE INSURANCE COMPANY	4,903.80
3/3/2025	Check	SCI CONSULTING GROUP	12,120.00
3/5/2025	Check	VERIZON WIRELESS - Remit-To: PO. BOX 660108	72.62
3/5/2025	Check	VESTIS GROUP INC - Remit-To: Po Box 101179	221.19
3/5/2025	Check	HUNT & SONS LLC - Remit-To: PO BOX 101630	1,387.00
3/5/2025	Check	PACIFIC GAS & ELECTRIC COMPANY PO BOX. 997300	2,280.13
3/5/2025	Check	LIFE TECHNOLOGIES CORPORATION	2,672.80
3/6/2025	Check	VESTIS GROUP INC - Remit-To: Po Box 101179	157.69
3/6/2025	Check	MEDPRO WASTE DISPOSAL LLC	243.32
3/6/2025	Check	VERIZON CONNECT FLEET USA LLC PO BOX 15043	393.50
3/6/2025	Check	BATTERIES PLUS BULBS 910 PLEASANT GROVE BLVD	470.33
3/6/2025	Check	STAR INDUSTRIES - Remit-To: 4181 POWER INN	565.00
3/6/2025	Check	LIBERTY UTILITIES CO - Remit-To: P.O. BOX 60144	569.85
3/6/2025	Check	VERIZON WIRELESS - Remit-To: PO. BOX 660108	1,409.35
3/6/2025	Check	PATRICK CLARK CONSULTING	1,500.00
3/6/2025	Automatic Wire	CALPERS - Remit-To: B OF A SAC MAIN/CERBT-OPEB	42,099.18
3/7/2025	EFT Child Support	CASDU - California State Disbursement Unit (SDU)	736.61
3/12/2025	Check	SOUTHWEST GAS CORP - Remit-To: PO BOX 24531	65.72
3/12/2025	Check	OPTIMUM - Remit-To: PO BOX 4019	161.28
3/12/2025	Check	ENTERPRISE FM TRUST	177.90
3/12/2025	Check	US BANK EQUIPMENT FINANCE. PO BOX 790448	186.87
3/12/2025	Check	HAURY, RITA E	528.16
3/12/2025	Check	BURCHAM, KAREN LYNNE	954.90
3/12/2025	Check	GOSS, GEORGE	954.90
3/12/2025	Check	INFINITY TECHNOLOGIES	995.00
3/12/2025	Check	CLARKE MOSQUITO CONTROL PRODUCTS INC	3,544.65
3/12/2025	Check	MIDAMERICA ADMINISTRATIVE & RETIREMENT SOLUTIONS LLC	4,911.44
3/12/2025	Check	INFINITY TECHNOLOGIES	6,617.75
3/12/2025	Check	INFINITY TECHNOLOGIES	7,555.25
3/12/2025	Check	CLARKE MOSQUITO CONTROL PRODUCTS INC	19,354.74
3/14/2025	Check	BARTKIEWICZ, KRONICK & SHANAHAN	742.50
3/17/2025	Check	BATTERIES PLUS BULBS 910 PLEASANT GROVE BLVD	20.69
3/17/2025	Check	STAR SECURITY SOLUTIONS INC	75.43
3/17/2025	Check	VESTIS GROUP INC - Remit-To: Po Box 101179	160.11
3/17/2025	Check	JASSO, DAVID CELIO	425.00
3/17/2025	Check	MIDAMERICA ADMINISTRATIVE & RETIREMENT SOLUTIONS LLC	453.60
3/17/2025	Check	TARGET SPECIALTY PRODUCTS - Remit-To: PO BOX 14084	10,651.09
3/18/2025	Check	AMAZON CAPITAL SERVICES INC (Hold)	113.25
3/18/2025	Check	AMAZON CAPITAL SERVICES INC (Hold)	325.89
3/18/2025	Check	AMAZON CAPITAL SERVICES INC (Hold)	341.34
3/18/2025	Check	AMAZON CAPITAL SERVICES INC (Hold)	463.92

Warrants March 2025

Payment	Payment Type	Payee	Payment Amount
3/18/2025	Check	AMAZON CAPITAL SERVICES INC (Hold)	991.83
3/20/2025	Check	STATE OF CALIFORNIA Vector-borne Disease Section, Ms7307	82.00
3/20/2025	Check	TEXAS LIFE INSURANCE COMPANY - Remit-To: PO BOX 2209	148.50
3/20/2025	Check	FUTURE FORD INC - Remit-To: FUTURE FLEET CENTER	175.19
3/20/2025	Check	VESTIS GROUP INC - Remit-To: Po Box 101179	218.01
3/20/2025	Check	BATTERIES PLUS BULBS 910 PLEASANT GROVE BLVD	240.22
3/20/2025	Check	MIDAMERICA ADMINISTRATIVE & RETIREMENT SOLUTIONS LLC	360.00
3/20/2025	Check	THE LEGACY GROUP INC	2,076.33
3/20/2025	Check	TARGET SPECIALTY PRODUCTS - Remit-To: PO BOX 14084	5,788.33
3/20/2025	Check	US BANCORP	16,785.24
3/21/2025	EFT Child Support	CASDU - California State Disbursement Unit (SDU)	736.61
3/27/2025	Check	HARRIS INDUSTRIAL GASES	30.17
3/27/2025	Check	HARRIS INDUSTRIAL GASES	72.84
3/27/2025	Check	VESTIS GROUP INC - Remit-To: Po Box 101179	159.05
3/27/2025	Check	HUNT & SONS LLC - Remit-To: PO BOX 101630	1,677.81
3/27/2025	Check	ADAPCO LLC - Remit-To: PO BOX 736662	5,046.74
3/27/2025	Check	ADAPCO LLC - Remit-To: PO BOX 736662	46,149.33
3/27/2025	Check	ADAPCO LLC - Remit-To: PO BOX 736662	291,988.98
3/31/2025	Check	O'REILLY AUTO ENTERPRISES LLC	11.84
3/31/2025	Check	VESTIS GROUP INC - Remit-To: Po Box 101179	217.55
3/31/2025	Check	LIFE TECHNOLOGIES CORPORATION	748.32
3/31/2025	Check	AMERICAN FIDELITY ASSURANCE COMPANY (APR)	1,105.34
3/31/2025	Check	CLARKE MOSQUITO CONTROL PRODUCTS INC	23,349.43

**Placer Mosquito and Vector Control District
Budget to Actuals as of 03/31/2025**

Ledger Account / Revenue & Spend Code	Budget	Actuals	Balance	% of Budget
40010:Taxes - Current Secured Property				
RC0010 Taxes - Current Secured Property (GL40010)	(67,618.95)	(67,700.17)	\$81.22	100.12%
40020:Taxes - Property Tax Impounds	(12.60)	0	(\$12.60)	0.00%
40040:Taxes - Railroad Unitary Property				
RC0040 Taxes - Railroad Unitary Property (GL40040)	(101.85)	(93.31)	(\$8.54)	91.62%
40050:Taxes - Unitary and Op Non-Unitary Property				
RC0050 Taxes - Unitary & Op Non-Unitary Property (GL40050)	(2,530.06)	(2,558.29)	\$28.23	101.12%
40060:Taxes - Current Unsecured Property				
RC0060 Taxes - Current Unsecured Property (GL40060)	(1,379.30)	(1,404.87)	\$25.57	101.85%
40070:Taxes - Delinquent Secured Property	(1.05)	0	(\$1.05)	0.00%
40090:Taxes - Delinquent Unsecured Property				
RC0090 Taxes - Delinquent Unsecured Property (GL40090)	(27.25)	(20.66)	(\$6.59)	75.82%
40100:Taxes - Current Supplemental Property				
RC0110 Taxes - Current Supplemental Property (GL40100)	(3,012.45)	(764.72)	(\$2,247.73)	25.39%
40110:Taxes - Delinquent Supplemental Property				
RC0120 Taxes - Delinquent Supplemental Property (GL40110)	(1.05)	(3.14)	\$2.09	299.05%
40180:Other Taxes				
RC0270 Parcel Taxes (GL40180)	(349,701.00)	(346,845.00)	(\$2,856.00)	99.18%
42005:Fair Market Value Adjustment				
RC0555 Fair Market Value Adjustments (GL42005)	0	(44,850.13)	\$44,850.13	0.00%
42010:Investment Income	(40,000.00)	(77,782.93)	\$37,782.93	194.46%
RC0560 Interest / Investment Income (GL42010)		(77,783.25)		
RC0561 5151 Interest (GL42010)		0.32		
42030:Short-Term Rents and Concessions				
RC0600 Short-Term Rents & Concessions (GL42030)	(6,000.00)	(3,036.76)	(\$2,963.24)	50.61%
44350:State Homeowners Property Tax Relief				
RC1440 Homeowners Property Tax Relief (GL44350)	(382.45)	(175.59)	(\$206.86)	45.91%
46030:Direct Charges				
RC1720 Direct Charges (GL46030)	(5,711,404.00)	(5,721,958.57)	\$10,554.57	100.18%
46420:Self Insurance Proceeds				
RC2900 Self Insurance Proceeds (GL46420)	0	(6,442.92)	\$6,442.92	0.00%
48030:Miscellaneous				
RC3080 Miscellaneous Other Revenue (GL48030)	(20,000.00)	(2,372.94)	(\$17,627.06)	11.86%
49030:Proceeds from Sale of Capital Assets				
RC3170 Proceeds from Sale of Capital Assets (GL49030)	(10,000.00)	(30,885.83)	\$20,885.83	308.86%
Total Revenue	(6,212,172.01)	(6,306,895.83)	\$94,723.82	101.52%
51010:Salaries and Wages				
SC1010 Salaries and Wages (GL51010)	2,482,991.50	1,749,048.71	\$733,942.79	70.44%
51030:Extra Help - Salaries and Wages				
SC1030 Extra Help - Salaries and Wages (GL51030)	0	38,914.00	(\$38,914.00)	0.00%
51040:Overtime and Call Back				
SC1040 Overtime and Call Back (GL51040)	16,981.24	8,950.89	\$8,030.35	52.71%
51210:Retirement	336,091.86	244,167.70	\$91,924.16	72.65%

**Placer Mosquito and Vector Control District
Budget to Actuals as of 03/31/2025**

SC1210 CalPERS (GL51210)		171,023.70		
SC1852 CalPERS (GL51210)		73,144.00		
51220:Payroll Tax				
SC1220 FICA (GL51220)	47,898.23	33,213.09	\$14,685.14	69.34%
51240:Other Postemployment Benefits (OPEB)				
SC1858 Other Post Employment Benefits (OPEB) (GL51240)	175,702.00	28,165.06	\$147,536.94	16.03%
51350:Emp Benefits Other Agencies				
SC1888 Employee Benefits Other Agencies (GL51350)	582,417.19	476,730.33	\$105,686.86	81.85%
51380:Other Benefits				
SC1897 Other Benefits (GL51380)	908.00	669.30	\$238.70	73.71%
52020:Pesticides				
SC2030 Poisons, Pesticides and Chemicals - Agricultural and Industrial (GL52020)	771,163.00	693,880.95	\$77,282.05	89.98%
52030:Clothing and Personal				
SC2040 Work Clothes (GL52030)	8,500.00	7,450.02	\$1,049.98	87.65%
52040:Communication Services Expense	76,043.69	31,251.46	\$44,792.23	41.10%
SC2085 Communication Services - Telephone (GL52040)		22,346.56		
SC2090 Media Services - 1099 Reportable (GL52040)		8,904.90		
52050:Food				
SC2110 Food and Water, All Types (GL52050)	800.00	535.77	\$264.23	66.97%
52060:Janitorial Supplies	1,592.34	105.51	\$1,486.83	6.63%
SC2120 Janitorial Supplies – Toilet Paper – Should meet 45% min. Recycled Content (GL52060)		63.25		
SC2125 Janitorial Supplies – Excluding Paper Goods (GL52060)		42.26		
52080:Insurance				
SC2140 Insurance and Insurance Services (GL52080)	232,883.96	200,083.42	\$32,800.54	85.92%
52140:Parts				
SC2200 Automotive Accessories, Equipment and Parts (GL52140)	8,400.00	3,127.54	\$5,272.46	37.23%
52160:Maintenance	50,374.00	23,778.75	\$26,595.25	47.20%
SC2260 Equip Maint & Repair Services for Vehicles & Aircraft 1099 Reportable (GL52160)		21,649.42		
SC2270 Equipment Maint & Repair Services Gen Equip 1099 Reportable (GL52160)		2,129.33		
52161:Maintenance - Building				
SC2861 Maintenance - Building - 1099 Reportable (GL52161)	48,640.00	25,843.12	\$22,796.88	53.13%
52170:Fuels & Lubricants				
SC2340 Gasoline, All Types (GL52170)	47,750.00	34,679.37	\$13,070.63	72.63%
52180:Materials - Buildings & Improvements	1,500.00	0	\$1,500.00	0.00%
52190:Maintenance - Janitorial				
SC2430 Janitorial Management Services - 1099 Reportable (GL52190)	6,780.00	5,650.00	\$1,130.00	83.33%
52210:Services				
SC2455 Airplane/Helicopter Services NOC - 1099 Reportable (GL52210)	356,430.00	286,974.27	\$69,455.73	80.51%
52220:Laboratory Supplies	65,500.00	49,017.78	\$16,482.22	74.84%
SC2480 Clinical Laboratory Reagents and Tests (GL52220)		19,729.06		
SC2500 Gases, Lab / Medical / Welding (GL52220)		5,569.75		
SC2521 Laboratory Supplies (GL52220)		23,718.97		
52240:Professional / Membership Dues				
SC2550 Membership / Registration / Association / Warranties 1099 Rep (GL52240)	61,230.00	27,192.03	\$34,037.97	44.41%
52245:Warranties	7,344.00	0	\$7,344.00	0.00%

**Placer Mosquito and Vector Control District
Budget to Actuals as of 03/31/2025**

52260:Misc Expense				
SC2570 Misc Expense (GL52260)	0	9.69	(\$9.69)	0.00%
52330:Other Supplies	15,500.00	6,303.47	\$9,196.53	40.67%
SC2650 First Aid and Safety Equipment and Supplies (GL52330)		2,538.00		
SC2661 Office Supplies Excluding Paper Goods (GL52330)		3,765.47		
52340:Postage				
SC2790 Postage (GL52340)	275.00	439.65	(\$164.65)	159.87%
52360:Professional and Special Services - General	152,091.30	132,498.97	\$19,592.33	87.12%
SC2820 Personnel Services - 1099 Reportable (GL52360)		13,826.00		
SC2840 Collection Charges - 1099 Reportable (GL52360)		96,272.29		
SC2860 SB2557 Property Tax Admin Costs - 1099 Reportable (GL52360)		1,207.41		
SC2940 Consulting Services - 1099 Reportable (GL52360)		1,050.00		
SC2945 Uniform Rental and Laundry Services - 1099 Reportable (GL52360)		7,763.59		
SC3010 Alarm Services - 1099 Reportable (GL52360)		6,323.01		
SC3070 AB2838 - LAFCO Fees - 1099 Reportable (GL52360)		6,056.67		
52370:Professional and Special Services - Legal				
SC3130 Legal Services - 1099 Reportable (GL52370)	15,000.00	7,805.75	\$7,194.25	52.04%
52380:Professional and Special Services - Technical, Engineering and Environmental	13,730.00	8,698.95	\$5,031.05	63.36%
SC3150 Grounds Maintenance Services - 1099 Reportable (GL52380)		5,678.00		
SC3280 Security, Fire, Safety, and Emergency Services NOC (GL52380)		494.00		
SC3322 Hazardous Waste (GL52380)		2,526.95		
52390:Professional and Special Services - County				
SC4705 Internal Professional and Special Services (Non-Interfund Transfer) (GL52390)	16,330.67	16,330.67	\$0.00	100.00%
52400:Professional and Special Services - Information Technology	139,313.00	120,698.64	\$18,614.36	86.64%
SC3370 Data Processing, Computer, Programming, and Software Services (GL52400)		57,180.14		
SC3380 Computer Management Services - 1099 Reportable (GL52400)		63,518.50		
52440:Short-Term Rents and Leases - Equipment				
SC3460 Short-Term Equipment Rental or Lease Services - 1099 Reportable (GL52440)	2,400.00	1,732.43	\$667.57	72.18%
52450:Short-Term Rents and Leases - Buildings & Improvements				
SC3480 Short-Term Real Property Rental or Lease - 1099 Reportable (GL52450)	0	22,491.00	(\$22,491.00)	0.00%
52460:Small Tools & Instruments				
SC3530 Hardware and Related Items (GL52460)	20,350.00	8,500.44	\$11,849.56	41.77%
52480:PC Acquisition				
SC3560 Computers, Handheld, Laptop, and Notebook (GL52480)	7,500.00	5,424.39	\$2,075.61	72.33%
52520:Trustee Meetings Compensation				
SC3630 Trustee Meetings Compensation - 1099 Reportable (GL52520)	8,400.00	1,300.00	\$7,100.00	15.48%
52560:Small Equipment	15,000.00	13,910.26	\$1,089.74	92.74%
SC3710 Electronic Equipment, Parts, and Accessories (GL52560)		574.26		
SC3881 Visual Education Supplies (GL52560)		13,336.00		
52570:Advertising	76,700.00	64,970.18	\$11,729.82	84.71%
SC3890 Marketing Services - 1099 Reportable (GL52570)		64,470.18		
SC3895 Publications and Legal Notices (GL52570)		500.00		
52590:Tuition Reimbursement	5,000.00	0	\$5,000.00	0.00%
52785:Training / Education				
SC4000 Educational/Training Services - 1099 Reportable (GL52785)	9,450.00	2,102.52	\$7,347.48	22.25%
52790:Transportation and Travel	24,260.00	13,891.40	\$10,368.60	57.26%

**Placer Mosquito and Vector Control District
Budget to Actuals as of 03/31/2025**

SC4280 Travel & Transportation (GL52790)		13,191.33		
SC4290 Mileage (GL52790)		700.07		
52800:Utilities				
SC4340 Utilities (GL52800)	85,351.00	46,471.70	\$38,879.30	54.45%
53040:Lease Purchase Principal				
SC4720 Lease Purchase Principal (GL53040)	320,664.00	293,000.00	\$27,664.00	91.37%
53080:Lease Purchase Interest				
SC4760 Lease Purchase Interest (GL53080)	43,436.70	43,212.55	\$224.15	99.48%
Total Expenses (Non Capital Assets)	6,358,672.68	4,779,221.73	\$1,579,450.95	75.16%
54450:Equipment				
SC2520 CA Laboratory Equipment (GL54450)	50,043.00	75,632.96	(\$25,589.96)	151.14%
SC5210 CA Vehicles, All Types (GL54450)		50,042.33		
		25,590.63		
Total Capital Assets	50,043.00	75,632.96	(\$25,589.96)	151.14%
Total Expenses	6,408,715.68	4,854,854.69	\$1,553,860.99	75.75%

**PLACER MOSQUITO & VECTOR CONTROL DISTRICT
AERIAL PESTICIDE APPLICATION SERVICES AGREEMENT**

In consideration of the mutual obligations set forth herein, Placer Mosquito & Vector Control District (DISTRICT) and Basin Aviation, Inc., a California corporation (CONTRACTOR) who agree as follows:

1. This Agreement shall be effective retroactive to **January 1, 2025** and continue until **December 31, 2025**. This Agreement supersedes any earlier agreements between the parties.
2. DISTRICT shall, from time to time, engage CONTRACTOR to spray pesticides from aircraft operated by CONTRACTOR for purposes of mosquito abatement and control as more particularly described in the Scope of Services and Specifications attached hereto and incorporated herein as **Exhibit A**. CONTRACTOR shall accept such engagements in accordance with this Agreement. The type and location of pesticides to be applied and the general time of the pesticide application will be determined by DISTRICT and DISTRICT will supply the pesticide material to CONTRACTOR. CONTRACTOR shall provide all labor, services, equipment, tools, material and supplies required or necessary to properly, competently and completely perform the services under this Agreement. CONTRACTOR shall determine the method, details and means of doing the work consistent with the location and instructions provided by DISTRICT.
3. CONTRACTOR agrees to utilize pilots maintaining valid FAA certified Commercial or more advanced pilot certificates.
4. CONTRACTOR agrees to file with the appropriate agencies within the County where the work is to be performed, the certification K and other certification or licenses necessary for the permission to perform aerial application.
5. After delivery of the pesticide material by DISTRICT to CONTRACTOR, the application, handling and storage of pesticides by CONTRACTOR shall be in strict conformity with all applicable Federal, State and Local laws, regulations, and requirements. CONTRACTOR shall at all times be properly licensed and certified by appropriate agencies for the application, handling and storage of pesticides under this Agreement and for the operation of aircraft used in such application.
6. The locations and timing of the application of pesticides by CONTRACTOR shall be at the discretion and direction of DISTRICT. CONTRACTOR will perform its work consistent with the directions provided by DISTRICT.
7. Pesticides to be applied shall be only those approved by the DISTRICT. Application shall be by aerial spraying in accordance with specifications, calibrations, and application rates specified by DISTRICT and the pesticide manufacturer. CONTRACTOR shall strictly adhere to the specifications and application rates, location and timing provided by DISTRICT. In the event that, as a result of improper application techniques or

misplacement of pesticide, mosquito populations are not reduced to a level determined to be acceptable by DISTRICT, CONTRACTOR shall not be entitled to compensation for such application. Such compensation may be withheld from any funds due or to become due from DISTRICT.

8. DISTRICT'S representative may inspect and monitor all pesticide storage, handling, and application procedures used by CONTRACTOR. However, any inspection or monitoring by DISTRICT shall not affect the duties or responsibilities of CONTRACTOR as described in this Agreement.
9. CONTRACTOR shall maintain and permit DISTRICT to inspect records showing date, location, type of pesticide, quantity used, and number of acres treated on its behalf. CONTRACTOR shall provide DISTRICT with a digital map and records of each mission showing the type of pesticide, quantity used and number of acres treated.
10. CONTRACTOR shall provide current written calibration records for all pesticide application equipment used on DISTRICT'S behalf at the beginning of each application season.
11. CONTRACTOR shall be compensated for its services as provided in **Exhibit B** of this Agreement. Each invoice submitted to DISTRICT by CONTRACTOR for payment shall be accompanied by a copy of the applicable records, together with the exact times of application if requested by DISTRICT. If requested, an annual summary shall be provided to DISTRICT by CONTRACTOR of the annual hours of aerial time utilized and charges incurred.
12. CONTRACTOR shall provide spraying and surveillance services for the entire geographical area within DISTRICT'S jurisdiction, and shall cooperate and assist DISTRICT in obtaining any permits or grants of permission necessary to permit the spraying of pesticides. Spray services shall be provided, weather and flying safety factors permitting.
13. CONTRACTOR'S relationship to DISTRICT is that of an independent contractor. All persons hired by CONTRACTOR and performing the work shall be CONTRACTOR'S employees or agents. CONTRACTOR and its officers, employees and agents are not DISTRICT employees, and they are not entitled to DISTRICT employment salary, wages or benefits. CONTRACTOR shall pay, and DISTRICT shall not be responsible in any way for, the salary, wages, workers' compensation, unemployment insurance, disability insurance, tax withholding, and benefits to and on behalf of CONTRACTOR'S employees. CONTRACTOR shall, to the fullest extent permitted by law, indemnify DISTRICT, and its officers, employees, volunteers and agents from and against any and all liability, penalties, expenses and costs resulting from any adverse determination by the federal Internal Revenue Service, California Franchise Tax Board, other Federal or State agency, or court concerning CONTRACTOR'S independent contractor status or employment-related liability.

14. CONTRACTOR shall keep and maintain all ledgers, books of account, invoices, vouchers, and other records and documents evidencing or relating to charges for services, expenditures and disbursements charged to DISTRICT for a minimum period of three (3) years (or for any longer period required by law) from the date of final payment to CONTRACTOR under this Agreement. DISTRICT may inspect and audit such books and records, including source documents, to verify all charges, payments and reimbursable costs under this Agreement.

15. HOLD HARMLESS AND INDEMNITY:

CONTRACTOR agrees to indemnify, defend, protect and hold harmless DISTRICT, and its officers, employees, volunteers and agents from and against any and all liability, losses, claims, damages, expenses, demands, and costs (including, but not limited to, attorney, expert witness and consultant fees, and litigation costs) of every nature arising out of CONTRACTOR'S performance of the services and caused by any negligent act or omission, willful misconduct or violation of law of or by CONTRACTOR or its employees, agents and subcontractors, except where caused by the active negligence, sole negligence or willful misconduct of DISTRICT or as otherwise provided or limited by law.

CONTRACTOR'S obligations under this indemnification provision shall survive the termination of, or completion of services under, this Agreement.

16. INSURANCE REQUIREMENTS:

CONTRACTOR shall procure and maintain, at its own expense, for the duration of this Agreement, insurance against claims for injuries to person or damages to property which may arise from or in connection with the performance of the work hereunder by CONTRACTOR, its agents, representatives, or employees. Certified copies of such policies, including endorsements and renewals, shall be given to DISTRICT prior to the effective date of the policies, endorsements or renewals.

A. Minimum Scope of Insurance

Coverage provided by CONTRACTOR shall include the following:

- (1) Automobile Liability coverage that is at least as broad as CA 00 01 06 92 covering Automobile Liability, code 1 (any auto).
- (2) Workers' Compensation insurance as required by the State of California and Employers' Liability insurance.
- (3) Aviation Liability insurance including Chemical Coverage Endorsements, on a form acceptable to DISTRICT.

B. Minimum Limits of Insurance

- (1) Automobile Liability: \$1,000,000 per accident for bodily injury and property damage.

- (2) Workers' Compensation: Benefits as per California statutory requirements
- (3) Employers' Liability: \$1,000,000 per accident for bodily injury or disease.
- (4) Aviation Liability Insurance: \$1,000,000/ \$300,000/ \$100,000 for bodily injury per person, bodily injury per accident and property damage.

C. Other Insurance Provisions

The Automobile Liability and Aviation Liability policies are to contain, or be endorsed to contain, the following provisions:

- (1) The DISTRICT, its officers, officials, employees, agents and volunteers are to be named as additional insureds as respects liability arising out of the operations of CONTRACTOR including automobiles owned, leased, hired or borrowed by CONTRACTOR.
- (2) Each insurance policy required shall be endorsed to state that DISTRICT will be notified of any material change to the policies, and that coverage shall not be suspended, voided, canceled by either party, or reduced in coverage or in limits, except the reduction of aggregate limits by payments of claims, without thirty (30) days prior written notice by certified mail, return receipt requested, being given to DISTRICT.
- (3) CONTRACTOR'S insurance coverage shall be primary insurance as respects DISTRICT, its officers, officials, employees, agents, or volunteers. Any insurance or self-insurance maintained by DISTRICT, its officers, officials, employees, agents or volunteers shall be in excess of CONTRACTOR'S insurance and shall not contribute with it to the extent the CONTRACTOR'S policies apply.
- (4) Each insurance policy required by this clause shall be endorsed to state that coverage shall not be cancelled by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to DISTRICT.
- (5) CONTRACTOR'S insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the limits of the insurer's liability.

D. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by DISTRICT. At the option of DISTRICT, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects DISTRICT, its officers, officials, employees, agents, and volunteers; or CONTRACTOR shall provide a financial guarantee satisfactory to DISTRICT guaranteeing payment of losses and related investigations, claim administration and defense expenses.

E. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A: VII unless otherwise acceptable to DISTRICT.

F. Verification of Coverage

CONTRACTOR shall furnish DISTRICT with certified copies of the insurance policies, including all endorsements and renewals. All policies and endorsements are to be received and approved by DISTRICT prior to commencement of performance under this Agreement.

G. Subcontractors

CONTRACTOR agrees not to enter into any subcontracting agreements for work contemplated under this Agreement without first obtaining prior written approval from DISTRICT. Any approved subcontractor must comply with the same indemnity and insurance requirements and shall be subject to the same provisions as CONTRACTOR. CONTRACTOR shall be fully responsible for the performance of any subcontractor. CONTRACTOR shall act as the single principal for the work performed under this Agreement and will specify a single point of contact representing CONTRACTOR. Subject to the foregoing, this Agreement will bind and inure to the benefit of the successors of the parties.

H. If any of these insurance requirements are not met, DISTRICT may obtain the necessary insurance and pay the necessary premiums. In that event, the premium cost shall be charged back and deducted from any monies due CONTRACTOR for the performance of work under this Agreement.

17. DISTRICT'S duties and responsibilities shall include the following:

- A. DISTRICT shall not unreasonably request services from CONTRACTOR and shall assist, where possible, in coordinating the timing of services to be performed.
- B. DISTRICT shall be responsible to pay all invoices within thirty (30) days of receipt if the work has been satisfactorily completed and the invoice is accurately computed, properly documented and not in dispute.
- C. DISTRICT shall identify the geographical areas that may be treated with pesticides, including any towns, or cities that may be exposed to the applied pesticides.
- D. DISTRICT shall provide in **Exhibit C** a list of the pesticides that may be used in aerial application.
- E. DISTRICT shall provide the pesticides for application at a location and time upon which DISTRICT and CONTRACTOR agree.

- F. DISTRICT shall pay CONTRACTOR for each hour flown in accordance with **Exhibit B**.
- G. DISTRICT shall not guarantee a specific minimum number of hours to be flown. Rather, DISTRICT shall direct CONTRACTOR as to what areas shall be treated by what pesticides in accordance with **Exhibit A**.
18. In accordance with California Government Code section 8546.7, the parties acknowledge that this Agreement, and performance and payments under it, are subject to examination and audit by the State Auditor General for three (3) years following final payment under the Agreement.
19. CONTRACTOR represents that it is specially trained and experienced, and possesses the skill, ability, knowledge and certification to competently perform the work provided by this Agreement. DISTRICT has relied upon CONTRACTOR'S training, experience, skill, ability, knowledge and certification as a material inducement to enter into this Agreement. All work performed by CONTRACTOR shall be in accordance with applicable legal requirements and meet the standard of care and quality ordinarily to be expected of competent professionals in CONTRACTOR'S field.
20. CONTRACTOR shall perform its work and services in compliance with all applicable Federal, State and Local laws and regulations. CONTRACTOR also shall possess, maintain and comply with all Federal, State and Local permits, licenses, and certificates that may be required for it to perform the work.
21. Any waiver at any time by either party of its rights as to a breach or default of this Agreement shall not be deemed to be a waiver as to any other breach or default. No payment by DISTRICT to CONTRACTOR shall be considered or construed to be an approval or acceptance of any work or a waiver of any breach or default.
22. CONTRACTOR shall not assign this Agreement, or any interest in it, or any money due, or to become due under it, voluntarily, or by operation of law without DISTRICT'S prior written consent. In the event of any such purported assignment without DISTRICT'S prior written consent, DISTRICT shall have the right, in addition to all other rights provided by law, to terminate this Agreement by giving written notice to CONTRACTOR.
23. In any action or proceeding arising from or relating to this Agreement commenced by a party hereto, the prevailing party shall be entitled to recover its reasonable attorneys' fees in addition to any other costs, interest and damages permitted by law.
24. This Agreement will be governed by and construed in accordance with the laws of the State of California. The county and federal district court where DISTRICT'S office is located shall be the venue for any state and federal court litigation concerning the enforcement or construction of this Agreement.

25. If any of the language contained in this Agreement conflicts with the language in **Exhibit A**, the language in **Exhibit A** shall be controlling.

PLACER MOSQUITO & VECTOR
CONTROL DISTRICT

BASIN AVIATION, INC

By: _____
Joel Buettner, General Manager

By: _____
Brandon Van Dyke, President

Date: _____

Date: _____

DRAFT

EXHIBIT A
SCOPE OF SERVICES AND SPECIFICATIONS

ADULT MOSQUITO CONTROL

1. DISTRICT requires that the specific technique of application of said insecticides for adult mosquito control to be sprayed by aircraft on the lands within the DISTRICT using application techniques at DISTRICT's election, as follows:

- A. Application of adult mosquito control insecticides. This technique requires a rate of application of anywhere from 0.15 to not more than 3.00 ounces per acre ultra-low volume as directed by DISTRICT. The VMD of droplets produced should be in accordance with the pesticide label.

LARVICIDE CONTROL

1. CONTRACTOR shall make applications of liquid or solid public health mosquito larvicides by fixed-wing aircraft to agricultural areas with standing water in Placer County at DISTRICT'S direction.

2. DISTRICT will provide the materials for pesticide application and specify the application method, rate and application area.

A. For the Application of Liquid Materials:

a. Two options for liquid larvicide application shall be available:

- i. A standard agricultural fan nozzle sprayer is required with the ability to deliver 0.75 to 32 ounces of larvicide per acre as directed by DISTRICT.
- ii. ULV application system similar to Adulticide ULV system that is capable of delivering an effective application of 100 micron to 350 micron droplets of liquid larvicide products at the rates indicated on each product label.

b. The aircraft and spray system(s) will be calibrated to rate, swath and droplet size prior to the first application of the season.

B. For the Application of Solid (Granular) Materials: A standard agricultural gate hopper or equivalent is required with the ability to deliver 1.25 to 20 pounds of granular material per acre as directed by DISTRICT. The aircraft and spray system will be calibrated to application rate and optimum swath width prior to the first application of the season.

GENERAL SPECIFICATIONS

1. CONTRACTOR shall examine the DISTRICT'S map (provided electronically or located at DISTRICT'S office) depicting the geographical areas within which DISTRICT expects adult mosquito control insecticide or larvicide application to be made and from which flight work orders shall be based to understand DISTRICT'S requirements concerning the following: (i) general areas to be flown; (ii) the location of such areas; (iii) the approximate size and acreage of the areas to be flown; (iv) and the total acreage to be flown.
2. DISTRICT shall provide all pesticides to be flown and used under this Agreement by CONTRACTOR.
3. DISTRICT shall determine the following:
 - A. The total acreage to be flown and treated with pesticides.
 - B. Areas to be flown and to which said pesticides are to be applied.
 - C. The dates, times and meteorological conditions at which and under which such pesticide applications shall be made.
 - D. The frequency with which said pesticide applications shall be made.
 - E. The locations and acreage to which said pesticide applications shall be made.
 - F. The specific acreage or units of acreage to be flown at any one time.
 - G. The choice of pesticides to be used for specified areas and/or acreage.
 - H. The technique of application.
 - I. The application equipment required.
 - (i) It is recommended that the spray tank be constructed of stainless steel or polypropylene. It also is recommended that the pump and motor be constructed of stainless steel with Teflon or Viton seals. The supply lines should be either nylon or stainless steel and the spray booms should be stainless steel.
 - (ii) All concentrate formulations of naled coming in contact with as little as 0.1% water will immediately establish acidic conditions which will be extremely corrosive to most metals. Any lines, tanks, filling, packaging or application equipment which come in contact with naled should be cleaned out immediately after use. Dibrom Concentrate must be cleaned up with a solvent rinse. Many mosquito control districts re-fill the spray system after flushing with a light oil to prevent condensation. Trumpet EC can be flushed out of application equipment with water. Lines should be completely drained and then it is recommended to blow out the system with air to eliminate condensation.

4. CONTRACTOR shall be available to DISTRICT staff daily to determine the demands, schedules and other requirements of DISTRICT concerning the various matters contemplated by the Agreement. All requests by DISTRICT for flight for the application of pesticides shall be in writing and shall be signed by an authorized DISTRICT representative. Such requests shall constitute work orders.

- A. Weather permitting, work orders shall be completed within 12 to 18 hours of receipt thereof and in no event later than 36 hours of receipt.
- B. Should weather preclude the fulfillment of any work order within the maximum time limits provided in subsection 4(A) above, DISTRICT may, at its election, cancel that work order. In such an event, that flight shall not be flown and CONTRACTOR shall await a re-inspection by DISTRICT and/or a reorder by DISTRICT of the work.
- C. DISTRICT reserves the right to withdraw and/or cancel work orders given by appropriate notice to CONTRACTOR prior to the commencement of the work or at any point during the work where DISTRICT determines that the public health and/or safety may be affected by the work or that other circumstances dictate that the application of pesticides under that work order is not in DISTRICT'S best interest.

5. CONTRACTOR shall have available and at its disposal for the services required under the Agreement an aircraft or aircrafts with the following minimum capabilities as appropriate for the application:

- A. A 100-gallon hopper capacity.
- B. A spraying air speed of not less than 100 miles per hour with a full load.
- C. An FAA-approved system for night flights.
- D. A two-way radio communications system for contact between aircraft and ground personnel.
- E. A DGPS or similar system capable of accurate swathing and altitude measured AGL (above ground level) altitude + or - 10% for adulticide applications.
- F. Wired speed monitoring at altitude with AIMMs probe or similar equipment for adulticide applications.
- G. Drift management modeling at altitude.
- H. Micronaire atomizer sprayers or equivalent.

6. CONTRACTOR shall provide DISTRICT with the make, model and type of aircraft it will utilize under the Agreement, including the minimum hopper capacity for said aircraft and the

minimum air speed capability assuming a 100-gallon load. CONTRACTOR shall be solely responsible for the costs of the initial calibration of its aircraft equipment.

7. CONTRACTOR shall provide an on-board global positioning system (GPS) that electronically documents the flight path of the aircraft as well as time and location applications that are made during the spray system. A typical agricultural GPS such as Satloc G4™ or equivalent is acceptable to DISTRICT.

8. CONTRACTOR shall provide GPS and application data to DISTRICT in a format that can be incorporated into DISTRICT'S database system. Options for such formatting include, but are not limited to: MapVision, Satloc .log file, ESRI .shp file, or .kml file. The digital file shall contain, at a minimum, the GPS track of the aircraft and information concerning when the pesticide application was made (spray on/spray off). Other application information including material, application rate, or wind speed or direction may be included in the digital file or may be conveyed to DISTRICT in a different format such as an e-mail, etc.

**EXHIBIT B
COMPENSATION FOR SERVICES**

Compensation for aerial spraying of pesticides by CONTRACTOR shall be at the rate of:

Larviciding: **\$1,625.00** per flight hour/per completed flight

Adulticiding: **\$2,850.00** per flight hour/per completed flight

A fuel surcharge will be applied if fuel prices exceed **\$2.00** per gallon. For every **\$0.10** increase in fuel cost, the per-flight hour rate will rise by **1%**.

For example: If fuel costs \$2.20 per gallon, a 2% increase in the base rate of \$1,625.00 would result in an additional \$32.50, making the total \$1,657.50.

The fuel surcharge for adulticide applications will be determined based on the increase in the larvicide hourly rate.

For instance: If fuel costs \$2.20 per gallon, a surcharge of \$32.50 per flight hour will be added to the adulticide rate of \$2,850.00, bringing the total to \$2,882.50 per flight hour.

EXHIBIT C
APPROVED LIST OF PESTICIDES

Adulticides to be used in Aerial Application:

- Anvil 10+10
- Anvil 2+2
- Aquahalt
- Aqua-Reslin
- Biomist 4+4
- DeltaGard
- Dibrom
- Duet
- Evergreen Mosquito Adulticide EC 60-6
- Fyfanon
- Pyrenone
- Pyrenone 25-5
- Pyrenone Crop Spray
- Pyrocide Mosquito Adulticide
- Pyronyl Oil Concentrate 525
- Merus 3.0
- Trumpet EC
- Zenivex E20

Larvicides to be used in Aerial Application:

Pesticide formulations registered for mosquito control containing the following active ingredients in liquid or granule formulations:

Bti, Bsph, Bti/Bsph mixture, Bti/methoprene mixture, methoprene, spinosad.

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3D Printing to Support Programs at Placer Mosquito and Vector Control District

Prepared April 10, 2025

Senior Research Scientist: Phil Spinks, Ph.D.

3D Printing: PMVCD

Fused deposition modeling, better known as 3D printing, can be a useful tool for making replacement, novel, unavailable or expensive parts relatively quickly and cheaply given a modest investment in equipment and expertise. At Placer Mosquito and Vector Control District (PMVCD), replacement/novel parts for drones and field operations, as well as parts for laboratory, mosquito colony and office use are routinely printed, and usually at a fraction of the cost of new parts. In addition, using computer assisted design (CAD) software, parts for various pieces of equipment such as bottle-rollers, and mosquito blood-meal feeders can be designed and built for a fraction of the purchase price of their commercially available equivalents. In addition, new filaments and more advanced printers are developing rapidly such that high-strength parts suitable for relatively high-temperature environments are becoming increasingly more available and affordable. Custom parts have been produced for the BSL, Laboratory (Lab), Field operations and unmanned aircraft system, (UAS), but the Lab and UAS program have seen the greatest use of 3D-printed parts. Below are examples of the parts and equipment that are designed and printed at PMVCD.

Mosquito Colony

- **Blood Feeding:**

The PMVCD Lab maintains a live mosquito colony and the mosquitoes are fed blood to facilitate reproduction, and sugar water for food. Blood-feeding is performed using a commercial device (Hemotek) that warms blood to body temperature and makes the blood available for feeding. Hemoteks are manufactured in England and are very expensive (\$5,000 USD). We have one Hemotek (which is old and will soon need replacement) plus we need an additional Hemotek for the mosquito colony. Therefore, we designed and built a Hemotek clone using off-the-shelf and custom 3D-printed parts.

Our device (Figure 1.) allows simultaneous feeding, with independent temperature control, for four mosquito enclosures. The temperature controllers allow the blood to be maintained near body temperature for the duration of feeding, and the cups to hold the blood are attached by magnets for easy removal and cleaning. The feeder cups and feeder cup housings are 3D-printed as is the custom front and rear panels and carry handle of the control unit. The heater units are the same as those used in 3D printers. The total cost for this device is about \$150.

FIGURE 1. MOSQUITO BLOOD-FEEDING DEVICE, DESIGNED AND BUILT IN-HOUSE



- **Sugar Feeding:**

Feeding mosquitoes involves adding sugar water to cotton balls to plastic baskets suspended within the mosquito enclosures. Under the current method (Fig. 2), the saturated cotton balls/baskets are manually placed inside the enclosures allowing contact between personnel and mosquitoes at every feeding.

FIGURE 2. OLD-STYLE SUGAR FEEDER



Our new approach (Fig. 3) was to design and print an integrated system where the sugar water is delivered through the top of the screen. The apparatus attaches to the top enclosure screen using magnets thereby enabling sugar water to be dispensed via syringe to the cotton balls through the cage. With this method, contact between personnel and mosquitoes is minimized.



FIGURE 3. NEW SUGAR FEEDER

Surveillance

- **Mosquito trapping:**

Our surveillance program relies on bottled CO₂ as the bait for our mosquito traps. We developed a custom electronic trap control system housed in a 3D-printed case (Figs 4A-B) to delay the onset of CO₂ such that the trap activates automatically when mosquitoes are most active. A custom printed circuit board with a microprocessor and USB connectors for the trap fan and CO₂ solenoid is mounted to the 3D-printed case designed to mount on top of 14-amp hour battery with spring battery tabs for quick connect/disconnect



FIGURE 4A. TRAP CONTROLLER HOUSING

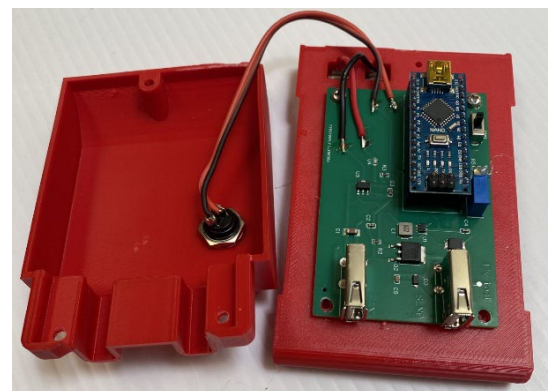


FIGURE 4B. CIRCUIT BOARD AND MICROPROCESSOR FOR MOSQUITO TRAPS.

Field Operations

- **Unmanned Aircraft Systems (UAS) Program**

PMVCD is a leader in employing drones for mosquito control, and we have designed/printed numerous parts for our three large drones including display stands for remote controls, landing skid braces, granular spreader plates, a liquid pesticide pump mount and hoppers for granular larvicide. Below are photos (Figs 5A-B) of the hoppers designed and printed for the AG-230 drone.



FIGURE 5A. PHOTO OF TWO HOPPERS MOUNTED IN THE AG-230 DRONE



FIGURE 5B. PHOTO OF A SINGLE HOPPER

While the parts/equipment described above does not include all the items designed and printed for use at PMVCD, this list demonstrates our capabilities to fabricate novel parts and equipment for our various programs, and at a fraction of the cost of buying new equipment. As our District continues to grow, our design and 3D-printing capabilities, coupled with more advanced printers and printer filaments, will undoubtedly continue to provide novel and cost-effective parts and equipment to meet our goals and keep PMVCD on the cutting edge of technology and expertise in vector control and management.

**A RESOLUTION OF THE BOARD OF TRUSTEES
OF THE PLACER MOSQUITO AND VECTOR CONTROL DISTRICT
RECOGNIZING WEST NILE VIRUS AND MOSQUITO AND VECTOR CONTROL
AWARENESS WEEK 2025**

WHEREAS, West Nile virus is a mosquito-borne disease that can result in debilitating cases of meningitis and encephalitis and death to humans, horses, avian species, and other wildlife; and

WHEREAS, mosquitoes and other vectors, including, but not limited to, ticks, rats, fleas, and flies, continue to be a source of human suffering, illness, and death, and a public nuisance in California and around the world; and

WHEREAS, in 2024, West Nile virus resulted in 12 human deaths and 129 individual human cases in California; and

WHEREAS, in 2024, West Nile virus surveillance in Placer County resulted in 93 West Nile virus-positive mosquito samples, 4 West Nile virus-positive dead birds, 1 horse, 0 human cases, and 0 deaths in Placer County; and

WHEREAS, adequately funded mosquito and vector control, disease surveillance, and public awareness programs, coupled with best management practices emphasizing nonchemical approaches, are the best ways to manage mosquito and vector populations and prevent outbreaks of West Nile virus and other diseases borne by mosquitoes and other vectors; and

WHEREAS, the Placer Mosquito and Vector Control District, along with mosquito and vector control agencies throughout the State of California, works closely with local public and environmental health officials, the United States Environmental Protection Agency and the State Department of Public Health to reduce pesticide risks to humans, animals, and the environment while protecting human health from mosquito vectors; and

WHEREAS, West Nile virus and Mosquito and Vector Control Awareness Week will increase the public's awareness of the threat of diseases and encourage the public to take action in preventing mosquito and vector-transmitted diseases, and will highlight the activities of various mosquito and vector research and control agencies working to reduce the health threat within California; and

WHEREAS, the Mosquito and Vector Control Association of California has designated the week of April 13 to April 19, 2025, inclusive, as West Nile Virus and Mosquito and Vector Control Awareness Week in the State of California;

NOW, THEREFORE, BE IT RESOLVED that the Placer Mosquito and Vector Control District Board of Trustees hereby recognizes April 13 to April 19, 2025, as West Nile virus and Mosquito and Vector Control Awareness Week.

PASSED AND ADOPTED by the Board of Trustees of the Placer Mosquito and Vector Control District on the 21st day of April 2025 by the following vote:

AYES: ∅
NOES: ∅
ABSTAIN: ∅
ABSENT: ∅

Will Stockwin, Board President

Attest:

Isabel Alvarez, Board Secretary

PRODUCTION INSERTION ORDER ADDENDUM

Date	March 28, 2025
Feature	"The Importance of Vector Control: What You Need to Know to Stay Safe YearRound"
Participant	Placer Mosquito & Vector Control District
Address	2021 Opportunity Drive Roseville, CA 95678
Telephone	916.380.5444
Participant Rep	Joel Buettner
Fee	\$4,000

Addendum

This Addendum ("Addendum") dated March 28, 2025 is entered into between Placer Mosquito & Vector Control District (hereinafter "PARTICIPANT") and BrandStar LOCAL, LLC ("hereinafter COMPANY") and is an integral part of the Production Insertion Order dated January 15, 2025, ("Agreement"). In the event of any conflict between the terms of this Addendum and the terms of the Agreement, the provisions of this Addendum shall prevail.

- COMPANY and PARTICIPANT have agreed to extend PARTICIPANT'S segment length from three to five minutes (3:00 - 5:00) to seven minutes (7:00). PARTICIPANT will also receive Raw Footage of the segment in which they appear. PARTICIPANT will be responsible for paying an additional Four Thousand Dollars (\$4,000) to COMPANY, in which payment will be due and payable upon receipt of invoice.

All other terms and conditions of the Agreement dated January 15, 2025 shall remain the same and in full force and effect.

Participant Signature

Signature: *Joel Buettner*
 Print: Joel Buettner
 Position: General Manager
 Date: 2025-03-31

BrandStar LOCAL, LLC Signature

Signature: *Nicole Oropesa*
 Print: Nicole Oropesa
 Position: President
 Date: 2025-03-31

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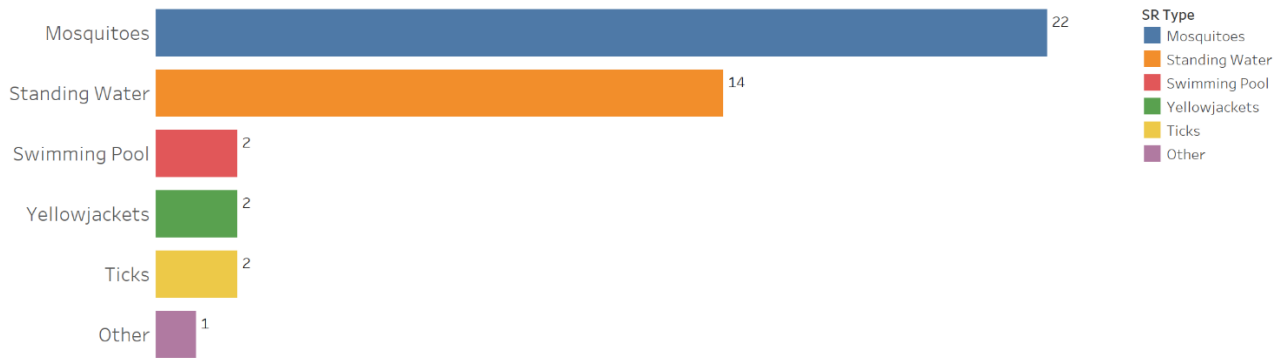
PUBLIC INFORMATION AND OUTREACH REPORT

Reporting period: March 2025

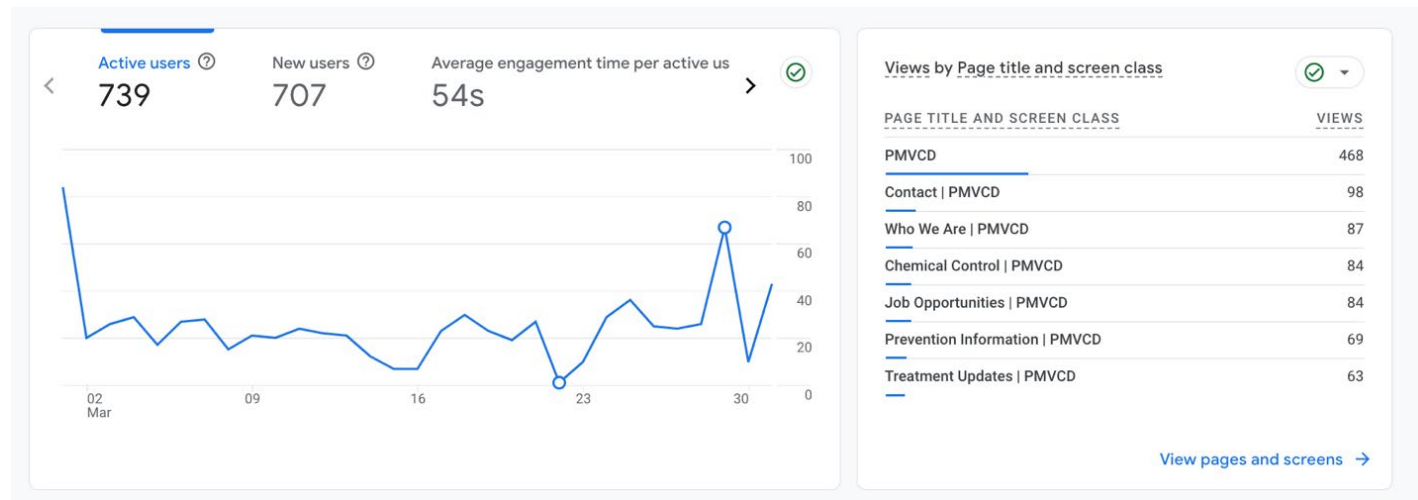
Prepared by: Meagan Luevano, Public Information Officer

SERVICE REQUESTS

In March 2025, a total of 43 service requests were submitted.

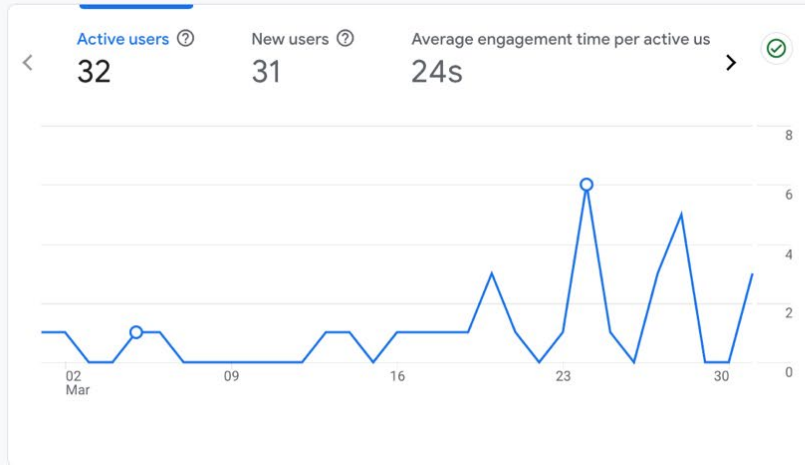


WEBSITE ANALYTICS placermosquito.org





placermosquitolearninglab.org



WHICH PAGES AND SCREENS GET THE MOST VIEWS?

Views by Page title and screen class

PAGE TITLE AND SCREEN CLASS	VIEWS
Placer Mosquito Learning Lab - Pla...	29
K-8 Students - Placer Mosquito Lea...	8
Internships - Placer Mosquito Learn...	7
Educators - Placer Mosquito Learn...	3

[View pages and screens](#) →

STAKEHOLDER/ELECTED OUTREACH

- Assemblymember Hadwick’s representative will tour the District during Mosquito Awareness Week on April 15 @ 10 a.m.
- Sheridan MAC presentation scheduled for September 10 @ 6 p.m.
- Scheduling other city council presentations for May-August

CALIFORNIA MOSQUITO AWARENESS WEEK





COMMUNITY EVENTS/PRESENTATIONS/SCHOOL OUTREACH SCHEDULE



National Library Week
Bug Event
@ Martha Riley Library
in Roseville



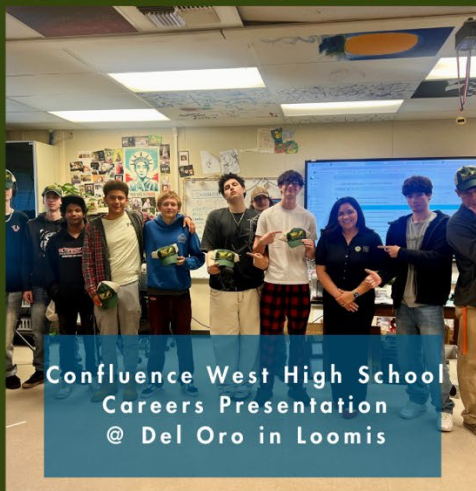
Lincoln & Twelve Bridges
High School
Career Fairs
in Lincoln



Career Day @
Carlin C. Coplin
Elementary School
in Lincoln



National Public Health Week
Placer County Public Health
District Presentation & Tour



Confluence West High School
Careers Presentation
@ Del Oro in Loomis



Placer County
Master Gardeners
Spring Garden Faire
@ Maidu in Roseville



Upcoming Schedule

Status	Category	Event Title	Date	Day of the Week	Time	City
Complete	Career Fair	UNR Career Fair	12-Feb-25	Wednesday	12 p.m. - 3 p.m.	Reno
Complete	Career Fair	Twelve Bridges High School Career Fair	21-Mar-25	Friday	8:30-11:30 a.m.	Lincoln
Complete	Career Fair	Lincoln High School Career Fair	27-Mar-25	Thursday	8:30-11:30 a.m.	Lincoln
Complete	Community Events	Master Gardeners of Placer County 2025 Garden Faire	5-Apr-25	Saturday	9 a.m. - 3p.m.	Roseville
Complete	Career Fair - Presentation	Confluence West High School Career Presentation	7-Apr-25	Monday	10-11 a.m.	Loomis
Complete	Community Events	Roseville Public Library's National Library Week Bug Event	8-Apr-25	Tuesday	4:30-5:30 p.m.	Roseville
	School Assembly	Westbrook Elementary Assembly	11-Apr-25	Friday	8:00am & 9:10am	Roseville
	School Assembly	Coyote Ridge Assembly	22-Apr-25	Tuesday	9:00am	Roseville
	School Assembly	EV Cain Assembly	24-Apr-25	Thursday	8:15am	Auburn
	Community Presentation	Heritage Placer HOA	9-May-25	Friday	1:30-2:30 p.m.	Roseville
	Community Events	Greenhills Elementary School Community Helper Day	16-May-25	Friday	9:30-11 a.m.	Granite Bay
	School Assembly	Loomis Grammar Assembly	20-May-25	Tuesday	9:00am	Loomis
	School Assembly	Sheridan Elementary Assembly	22-May-25	Thursday	9:30am	Sheridan
	School Assembly	Foskett Ranch Elementary Assembly	27-May-25	Tuesday	9:00am & 10:00am	Lincoln
	School Assembly	Breen Elementary Assembly	27-May-25	Tuesday	8:30am	Rocklin
	Community Presentations	Placer Mosquito Learning Lab Presents: The Buzz on Vector-Borne Diseases	12-Jun-25	Thursday	10-11 a.m.	Loomis



	Community Events	Loomis Library Bug Bonanza	9-Jul-25	Wednesday	10:30 a.m. - 12 p.m.	Loomis
	Community Events	Hot Chili Cool Cars	20-Sep-25	Saturday	TBD	Rocklin

SOCIAL MEDIA

Social Media Analytics

Profiles

Review your aggregate profile and page metrics from the selected time period.



↑ Ascending by Profile

Profile	Audience	Net Audience Growth	Published Posts	Impressions	Engagements	Engagement Rate (per Impression)	Video Views
Reporting Period	3,980	5	29	3,202	133	4.2%	753
Mar 1, 2025 – Mar 31, 2025	↗ 0.1%	↘ 37.5%	↘ 29.3%	↘ 27.9%	↘ 19.9%	↗ 11.1%	↘ 9.5%
Compare to	3,976	8	41	4,441	166	3.7%	832
Feb 1, 2025 – Feb 28, 2025							
@PlacerMosquito	1,207	-1	8	370	6	1.6%	32
Placer Mosquito	97	-2	1	362	1	0.3%	362
Placer Mosquito & Ve...	1,866	3	10	1,216	65	5.3%	56
Placer Mosquito and ...	155	1	0	0	0	0%	0
placermosquito	655	4	10	1,254	61	4.9%	303

ADVERTISING

May digital billboard campaign near Colfax launches in one week

**TINY TICKS
BIG THREAT**

May is
Lyme Disease
Awareness
Month

PLACER
MOSQUITO
& VECTOR
CONTROL
DISTRICT

PLACERMOSQUITO.ORG/TICKS

CHECK PROTECT PREVENT



PROFESSIONAL DEVELOPMENT EVENTS/CONFERENCES

2025 MVCAC Legislative Days in Sacramento – March 24-26

- Met with Senator Niello and representatives of Senator Alvarado-Gil, Assemblymember Hadwick, Assemblymember Gallagher and Assemblymember Patterson’s offices. Unable to meet with Senator Dahle.



2025 CAPIO Annual Conference in Napa – April 1-4

- Certificate of Excellence for Drone Demonstration Day – scored above a 90
- J. Lindsey Wolf Certificate in Communications



Field Operations and Surveillance Report

Prepared April 10, 2025

Assistant Manager: Jake Hartle

Supervisors: Mike Ashley, Casey Hubble, Scott Schon

Mosquito Surveillance & Vector-borne Disease Testing

- **Adult Mosquito Abundance**

- Summer season trapping started April 1st, which consists of 55 carbon dioxide baited traps, with CDC Fay Prince Fans. The trap runs include; Rice (Western Rural Placer), Lincoln, West Roseville, East Roseville, Loomis, Auburn, Forest Hill, Thermalands (North East area of Lincoln) and Colfax.
- *Aedes sierrensis* (Western Treehole Mosquito) has shown an increase in abundance over the part of April.
 - The Western Treehole Mosquito develops in old growth tree holes that collect water from rain or irrigation. Female mosquitoes feed on many different mammals and can aggressively try to bite people any time of day. In the Placer County foothills, warmer weather and longer days in spring bring out the Western treehole mosquitoes.

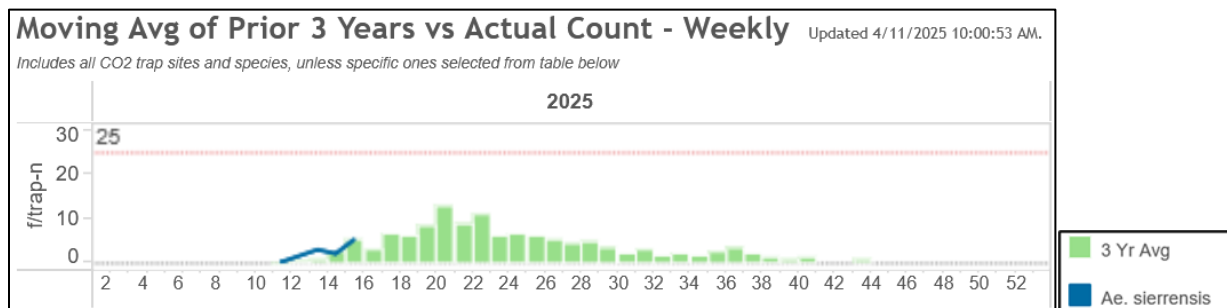


Figure 1: *Aedes sierrensis* adult mosquito count per trap night (blue line), compared to the three-year average (green bars) by calendar weeks (Week 15 represents April 6-12)

- **Vector-borne Disease Testing**

- Vector species collected are continuing to be tested, zero positive mosquito samples (WNV, SLE, WEE) have been detected in 2025
- The proficiency panel has been submitted by Senior Research Scientist Phil Spinks to Davis Arbovirus Research and Training (DART) and we are awaiting results.

- **Dead Bird Call Center**

- California Health Department's West Nile virus call center and the District will start accepting dead bird reports on April 14.

Field Operations

- **Mosquito Source Work in March 2025:**

- Field technicians continue to monitor mosquito sources and respond to service requests within their assigned zones.
- Total Pesticide Applications: 251
- Mosquito Sites Treated: 248
- Mosquito Sites Dipped: 1128
- Dry Checks: 130
- Sites Visited: 1507
- Service Request: 29 were completed

- **Unmanned Aircraft Systems (UAS) Program Operations in March 2025**

- 3 missions totaling 26 flights
- 3 aerial larvicide missions
- 1 training / test flight mission
- 1 photography mission
- UAS applied larvicide to 23.31 acres
- Habitats treated include *Aedes increpitus* sites which are typically smaller in size and harder to access for technicians.
- Drone Adulticide Project
 - Continued work on adulticide system for Hyllo AG-210
 - Flow rate test while looking at different restrictors compared with pump power
 - Developed plan for calibration and characterization of select adulticide products

- **Biological Control – Fisheries**

- The District started stocking mosquitofish (*Gambusia affinis*) for biological control of mosquitoes at the end of March
- As of March 31, 2025, the District has stocked 215 mosquitofish.

Miscellaneous

- **USDA-Agricultural Research Service (USDA-ARS) biting fly project**
 - USDA-ARS is conducting research on how vesicular stomatitis virus, mainly affecting cattle, survives through the different seasons. This virus is spread by biting midges and blackflies. As part of their study, they've requested that the District provide any midges or blackflies we come across. Our lab team will keep sorting through the by-catch from our routine mosquito traps to identify any relevant species, and we'll also be on the lookout for them in the invasive species traps throughout the year.
- **Vector Control Assistants**
 - The seasonal employee interview process is completed.
 - The District has extended conditional offers to two applicants.
- **Enterprise Fleet**
 - The District has received the first of 13 vehicles from Enterprise. This particular vehicle will be converted into a dedicated ground larvicide vehicle used for urban invasive *Aedes* applications.
 - The chart below shows the status for each vehicle ordered as of 4/11/2025.

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General Manager's Report

Joel Buettner, General Manager

04/14/2025

- **Administration**

- The Personnel Committee will be meeting on April 28th to discuss the following:
 - Review FY 2025-2026 Educational Assistance Program Application
 - Discussion of strategies to align current telework policy and practices
- Assistant Manager Jake Hartle and Administrative Assistant Isabel Alvarez attended a one-day HR Boot Camp Training. This training is part of an ongoing effort to further develop a comprehensive HR program at the District.

- **Placer County Health and Human Services Meeting**

- We met with Placer County communicable disease team on April 8th at the District. We provided an overview of district operations and a tour and renewed our mutual commitments to our partnership in protecting public health. Specifically, we discussed the emerging threats of mosquito borne diseases transmitted by invasive mosquito species like dengue, and how the District relies on reports of potential and confirmed human cases of these diseases to help limit the potential for local transmission.

- **American Mosquito Control Association (AMCA)**

- I attended the Spray Drone End-User's Conference– March 23-26, 2025, in Mobile, AL and presented on how mosquito control uses drones to apply mosquito larvicides. I also participated in an expert panel and responded to questions primarily made up of people who were or wanted to become private drone applicators.
- I will be attending CropLife America & RISE Regulatory Conference– April 23-25, 2025, in Washington, D.C. to participate in the Labels Live event where interactive presentations are provided to EPA staff to educate them on issues related to pesticide labeling. I will be talking about the anatomy of a mosquito larvicide drone application mission with Andrew Rivera, Clarke, who will be discussing mosquito control drone calibration and granular larvicide formulations.

UPCOMING EVENTS

- **AMCA Washington Conference** – May 12-14, 2025– Washington, D.C.