



Butte County Mosquito and Vector Control District

5117 Larkin Road • Oroville, CA 95965-9250
Phone: 530-533-6038 • Fax: 530-534-9916
www.BCMVCD.com

Matthew C. Ball
Manager

AGENDA

Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District

(BCMVCD) Board Room, 444 Otterson Drive, Chico, CA 95928. The Board of Trustees is committed to making its proceedings accessible to all citizens. Individuals with special needs should call District staff at 530-533-6038 or 530-342-7350, Monday through Thursday, 6:00 a.m. to 4:30 p.m. to request disability-related modifications/accommodations or to request materials in alternate formats. All requests for special accommodation and/or alternative format documents must be made 48 hours prior to the meeting.

1. **Regular Board of Trustees Meeting Time:** 4:00 PM **Date:** November 12, 2025
2. **Call to Order – 4:00 PM (Call Roll)**
3. **Persons Wishing to Address the Board on Items Not on the Agenda (limit to 5 minutes):**
4. **Approval of Minutes of the Meeting of:** October 8, 2025
5. **Persons Wishing to Address the Board Pertaining to Closed Session Matters:** N/A
6. **Closed Session Announcement (District Legal Counsel Present):** None
7. **Reports: (7.1 – 7.2)**
- 7.1 **District Manager's Report**

The District Manager will provide a brief report on current District business and activities. The Manager will also report on District employees, meetings attended, and current projects.

7.2 District Departments Report

The Assistant Manager and District staff members present, will provide reports on the business and activities of all the District's departments. District departments include Entomology, Ground Operations, Aircraft Operations, and Public Information and Outreach.

8. Policy Matters: (8.1 – 8.2)

8.1 Consider Renewing Membership with California Special Districts Association

The Board will be asked to consider renewing membership with the California Special Districts Association (CSDA). CSDA's dues structure is based on an agencies/district's operating revenue. The dues for operating revenue between \$2.0 million and \$5.0 million are \$9,665.00 annually. The District rejoined the CSDA in April of 2017.

8.2 Consider a Capital Expenditure for a Dump Trailer

The Board will be asked to consider a capital expenditure for a new dump trailer in the amount of \$8,708.22 plus any and all applicable fees and licensing from Truck Tops USA. This trailer would be housed at the Chico Substation.

9. Topic of the Month:

The Board will hear a report from the District's Vector Ecologist / Fish Biologist on the ticks of Butte County.

10. Approve Payment of The Bills:

The Board will be asked to review the demands made upon the District for the past month and consider approving the payment of the bills.

11. Personnel: N/A

12. Correspondence: N/A

13. Other Business: N/A

14. Adjournment: (Next Regular Meeting of the BCMVCD Board of Trustees is December 10, 2025)

Regular Minutes of the Board of Trustees of the Butte County Mosquito and Vector Control District Meeting held October 8, 2025

Members Present: Darlene Fredericks, Andy Haymond, Assistant Secretary Bruce Johnson, Vice President Dr. Larry Kirk, Steve Ostling, Secretary Melissa Schuster, Eric Smith, and President Bo Sheppard.

Members Excused: Philip LaRocca and Carl Starkey.

Members Absent: None.

Also Present: District Manager Matt Ball, Assistant Manager Aaron Lumsden, Administrative Manager Maritza Sandoval, and Entomologist Amanda Bradford.

1. The Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District held on October 8, 2025, at 444 Otterson Drive, Chico, CA 95928.
2. The October 8, 2025, Butte County Mosquito and Vector Control District regular meeting of the Board of Trustees was called to order at 4:00 PM by President Sheppard.
3. Seeing and hearing no persons wishing to address the Board on items not on the agenda, President Sheppard proceeded to request approval of the minutes.
4. After review, it was then moved by Member Johnson, seconded by Member Smith and passed unanimously with a vote of 8 ayes and 0 nays to approve the minutes of the Board of Trustees meeting held September 10, 2025, as written.
5. No persons wishing to address the Board on closed session matters.
6. No closed session matters needing legal counsel.
7. Reports (7.1 – 7.5)
- 7.1 Under item 7.1 of reports, District Manager's Report, the District Manager reported that on September 11, 2025, the District completed the monthly management meeting, staff meeting, and all vehicle inspections.

On September 12, 2025, the District Manager attended the biweekly Legislative Regulatory Committee call. MVCAC lobbyists and committee members reviewed legislation and current regulatory issues throughout the state. The District Manager provided an update on SB 707 that was signed by the Governor.

On September 16, 2025, District management attended a webinar presented by Holden Law Group on the Corrective Action Pt. II: The Meeting.

On September 17, 2025, District management attended a webinar presented by Beazley Security covering the world of artificial intelligence (AI) and the pro's and con's of utilizing AI in the workplace. The Board had a brief discussion on AI experiences and their knowledge of AI.

On September 18, 2025, District management attended a webinar presented by the VCJPA on Verbal Judo, De-escalation.

On September 23, 2025, District management attended a webinar presented by Holden Law Group on the Conducting Employee Evaluations.

On September 26, 2025, the District Manager attended the biweekly Legislative Regulatory Committee call. MVCAC lobbyists and committee members reviewed legislation and current regulatory issues throughout the state.

On September 30, 2025, District management attended a webinar presented by Holden Law Group on Managing Employee Time Keeping.

On October 1, 2025, District management attended a webinar presented by Streamline to review ADA compliance with the District's website and to review services to make ADA compliance more accessible.

On October 7, 2025, District management attended a webinar presented by Holden Law Group on Attendance and Leaves.

7.2 Under item 7.2 of reports, the Assistant Manager reported that the New Jersey light traps have continued catching mosquitoes. *Culex pipiens*, and *Culex tarsalis* populations are lower than the previous year at this time. *Aedes melanimon* populations are higher than the previous year at this time. *Anopheles freeborni* populations have nosedived and are on par with the previous year at this time. Sentinel chickens sera samples are continuing to be taken biweekly. CO2 trapping has continued and traps are being deployed routinely. Mosquito pools are being submitted for mosquito-borne disease. As of September 30th, 447 pools have been submitted; with 28 of those pools being positive. Also, *Aedes aegypti* continues to be detected in Chico, Oroville, Hamilton City, Thermalito, Biggs, Gridley, and Paradise.

West Nile virus (WNV) activity has increased within the District's service area with a total of 3 positive humans, 28 positive pools, and 14 positive chickens. WNV has been identified in 47 humans, 138 dead birds, 2,500 mosquito pools, 49 chickens, and 4 horses in California to date. All WNV indicators are down from last year.

The District's four indoor fish tanks are fully operational and are continuing to produce fry. The District's outdoor fish ponds have continued to produce high amounts of fish as they begin to slow down for fall and winter.

Mosquito and Vector Control Specialists have continued with mosquito surveillance and treatments in rock pits, dredger pits, flood water areas, agricultural, ditches, drains and urban sources. Service requests for inspections, fish, and treatments have decreased over the past month with a total of 573 taken in the month of September, and a grand total of 2,970 for the year.

As of September 30th, the District has treated 12,503 acres of wetlands; compared to 11,734 acres at this time last year. The District has treated 83,929 acres of rice this year, compared to 47,734 acres at this time last year. The District has made 9 ULV adulticide treatments thus far, compared to 20 ULV adulticide treatments at this time last year.

The District's Public Relations (PR) Department is reviewing and updating the District's website, brochures, photo and video files, and other informational documents. The District public service announcements continued to run through the end of September. The District also attended the Salmon Festival in Oroville on September 28th.

7.3 Under item 7.3 of reports, 2025/2026 1st Quarter Fiscal Reports, the Administrative Manager reported that current revenues are at 5.2% received, salaries and benefits category is 34.5% expended, services and supplies category is 68.4% expended, capital outlay category is 56.6% with overall expenditures currently at 48.4% expended.

7.4 Under item 7.4 of reports, 3rd Quarter Newsletter, the Assistant Manager reviewed the 3rd Quarter Newsletter with the Board.

7.5 Under item 7.5 of reports, the District Manager reported that Member Haymond, Member Fredericks, Member Kirk, and Member Smith have a term expiring December 31, 2025, and were asked if reappointment was desired. All Members signified a desire to be reappointed. District staff will send reminder letters to the respective appointing body.

After this final item of reports, President Sheppard asked the District Manager to proceed to policy matters.

8. Policy matters (8.1)

8.1 Under item 8.1 of policy matters, the Board was asked to consider a capital expenditure to rebuild three (3) R985 radial engine cores from Younkin Aviation Inc. The three cores are District owned and have maxed out the flight hours per FAA requirements. The District Manager explained the reasoning and urgency for the requested expenditure and informed the Board of the time frame. He explained that the expense would not be in the current fiscal year due to the wait time. Younkin Aviation Inc has stated that they were 20 months out for the first engine and 3 to 6 months for each additional engine. It was stated that it was possible that work could be completed and paid in multiple fiscal years. After some discussion, it was moved by Member Ostling, and seconded by Member Schuster, and passed unanimously with a vote of 8 ayes and 0 nays to rebuild three (3) R985 radial engine cores from Younkin Aviation Inc, not to exceed \$97,000.00 per engine.

9. Under topic of the month, the District's Entomologist gave a presentation on WALs treatments.

10. After reviewing the demands made upon the District for the past month, it was then moved by Member Johnson, seconded by Member Smith, and passed unanimously with a vote of 8 ayes 0 nays to authorize checks numbered 56051 through 56182 be signed and distributed. Expenditures for the month totaled \$69,7175.98.

11. Under personnel, the District Manager informed the Board that one seasonal voluntarily separated employment with the District on September 18, 2025, another on September 25, 2025, and all remaining seasonal employees were laid off on October 2, 2025.
12. No items of correspondence to report.
13. Under other business, the Administrative Manager opened the sealed bids for the surplus vehicle. The winning bid was announced for vehicle #171, a 2011 Chevrolet Equinox in the amount of \$4,000.00. No action taken nor needed.
14. No persons wishing to address the Board pertaining to closed session matters.
15. No closed session matters warranting legal counsel.
16. President Sheppard announced adjournment at 5:03 PM and concluded by stating that the next regular meeting of the BCMVCD Board of Trustees would meet at 4:00 PM on November 12, 2025, at the Chico Substation's Board Room at 444 Otterson Drive, Chico, CA 95928.

Respectfully submitted,

Melissa Schuster,
Secretary

On October 9, 2025, the District completed the monthly management meeting, staff meeting, and all vehicle inspections.

On October 10, 2025, the District Manager attended the biweekly Legislative Regulatory Committee call. MVCAC lobbyists and committee members reviewed legislation and current regulatory issues throughout the state.

On October 13, 2025, District management hosted the monthly West Nile virus (WNV) task force meeting with Butte County Public Health attending. The two agencies reviewed mosquito abundance, WNV activity, discussed the roles of both agencies, and discussed public education and outreach.

On October 14, 2025, the District Manager attended the monthly MVCAC Regulatory Affairs Committee meeting. Topics discussed were cannabis, Pollinator Protection Act, storm water recapture, the Monarch butterfly, and the new draft of the NPDES Permit.

On October 15, 2025, the District had its annual compliance inspection. The inspection is conducted by the California Dept. of Public Health. The District passed the inspection. Also on this date, District management attended a training workshop presented by Sunlife Insurance on Employee Leaves and Accommodations.

On October 21, 2025, the District management team met for their biannual meeting to discuss and evaluate the past season, review projects for the upcoming off season, plan for the future, and review and discuss policies.

On October 22, 2025, District management attended informational webinars by Sage and MIP Accounting to review time keeping and payroll systems. Also on this date, District management met with representatives of Central Life Sciences to hear a report on where MapVision is heading.

On October 23, 2025, the District Manager previewed an informational webinar of the services and products Verkada Security provides. The District Manager also met with this company on November 5, 2025, to receive more information.

On October 24, 2025, the District Manager attended the biweekly Legislative Regulatory Committee call. MVCAC lobbyists and committee members reviewed legislation and current regulatory issues throughout the state.

On October 28, 2025, District management attended the Sac Valley Region meeting. Topics discussed and covered were MVCAC action items, reports from the MVCAC committees, report from the MVCAC treasury, reports from CDPH, industry, VCJPA, and member districts.

On November 11, 2025, the District Manager attended the monthly MVCAC Regulatory Affairs Committee meeting. Topics discussed were cannabis, Pollinator Protection Act, storm water recapture, the Monarch butterfly, and the new draft of the NPDES Permit.

This will be the last Department's Report until next mosquito season.

LAB / VECTOR SURVEILLANCE: The District's New Jersey light traps and gravid traps have continued catching mosquitoes (Attachment #1). All mosquito populations have dropped towards the conclusion of the mosquito season and are on par for previous years. Sentinel chickens sera samples have continued to be taken biweekly with the last samples to be taken on November 11th. With the weather change and the massive drop in mosquito abundance, all traps were pulled out of deployment on November 3rd.

VIRUS SURVEILLANCE: West Nile virus (WNV) activity within the District's service area has concluded with a total of 3 positive humans, 28 positive pools, and 14 positive chickens. As of 10/31/25, WNV has been identified in 85 humans, 151 dead birds, 2,730 mosquito pools, 61 chickens, and 5 horses in California.

MOSQUITOFISH OPERATIONS: The District's four indoor fish tanks are fully operational and continue to produce fry. Fry numbers decreased as the tanks and fish adjust. The District's outdoor fish ponds have continued to produce high amounts of fish as they begin to slow down for fall and winter.

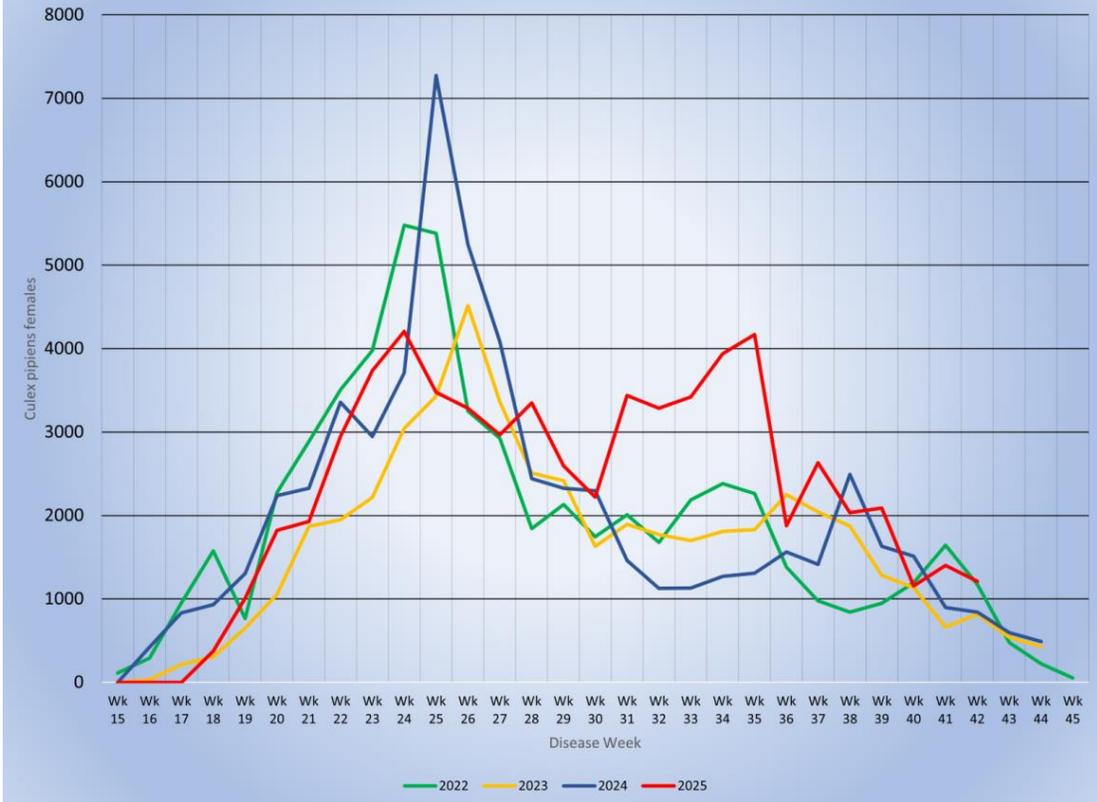
CONTROL OPERATIONS: Mosquito and Vector Control Specialists (Specialists) have continued with mosquito surveillance and treatments in rock pits, dredger pits, flood water areas, agricultural, ditches, drains and urban sources.

AIRCRAFT OPERATIONS: As of November 3rd, the District has treated 14,532 acres of wetlands; compared to 13,940 acres at this time last year. The District has treated 84,355 acres of rice this year, compared to 47,966 acres at this time last year. The District has made 9 ULV adulticide treatments thus far, compared to 24 ULV adulticide treatments at this time last year.

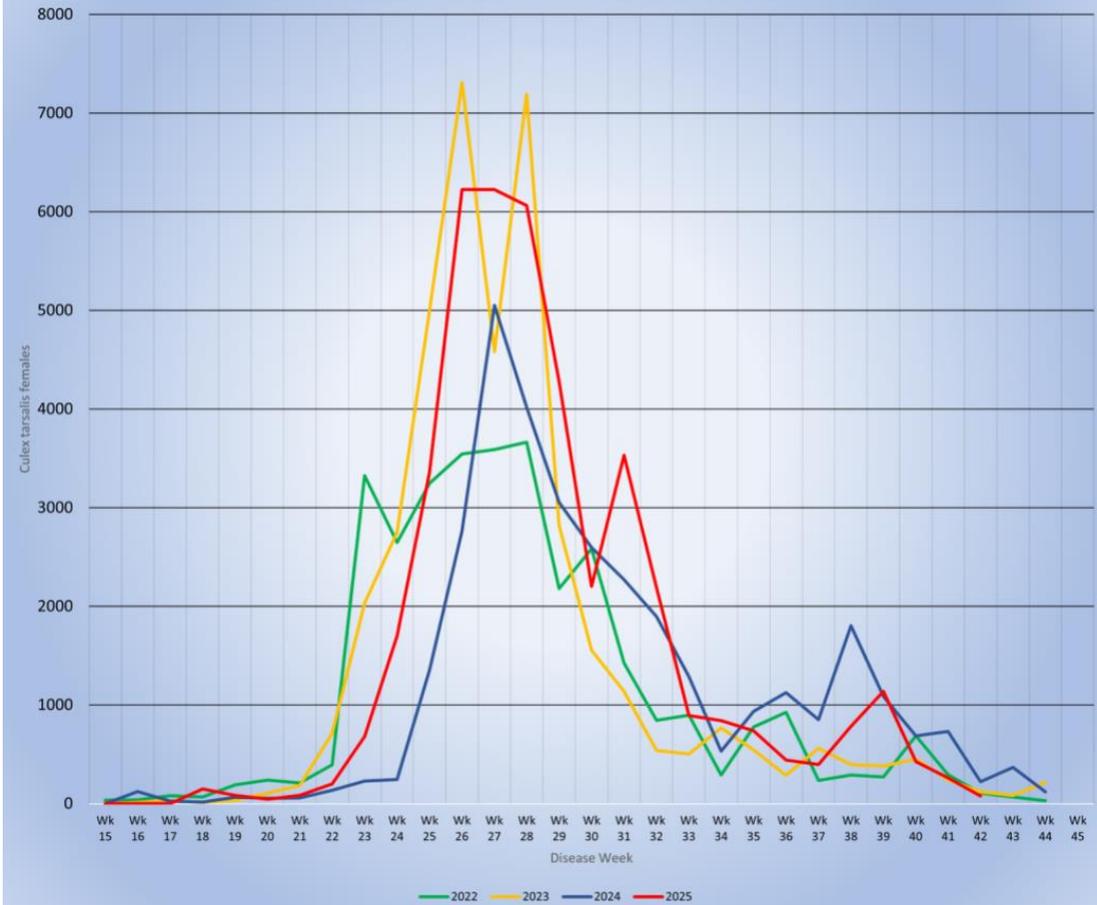
PUBLIC INFORMATION & OUTREACH: The Public Relations (PR) Department is reviewing and updating the District's website, brochures, photo and video files, and other informational documents as needed. All public events for 2025 have ended as well as all advertising and public service announcements.

Attachment #1

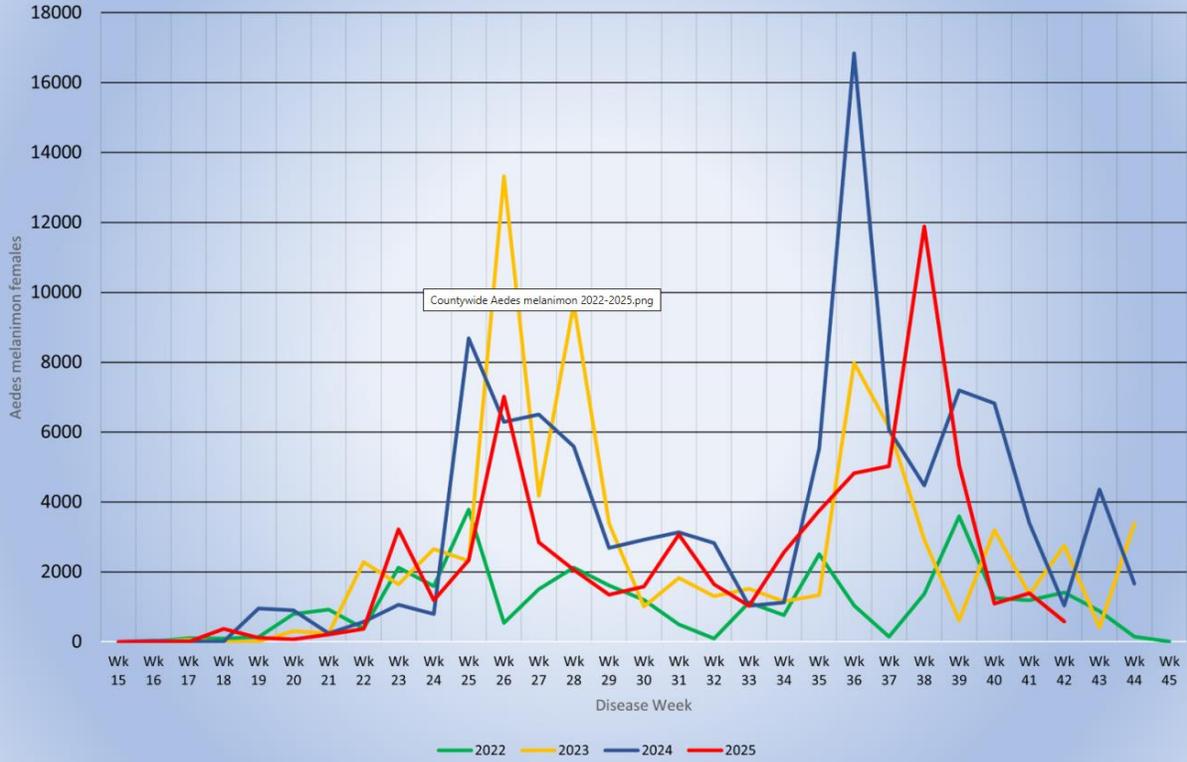
COUNTY-WIDE GRAVID TRAP COMPARISON



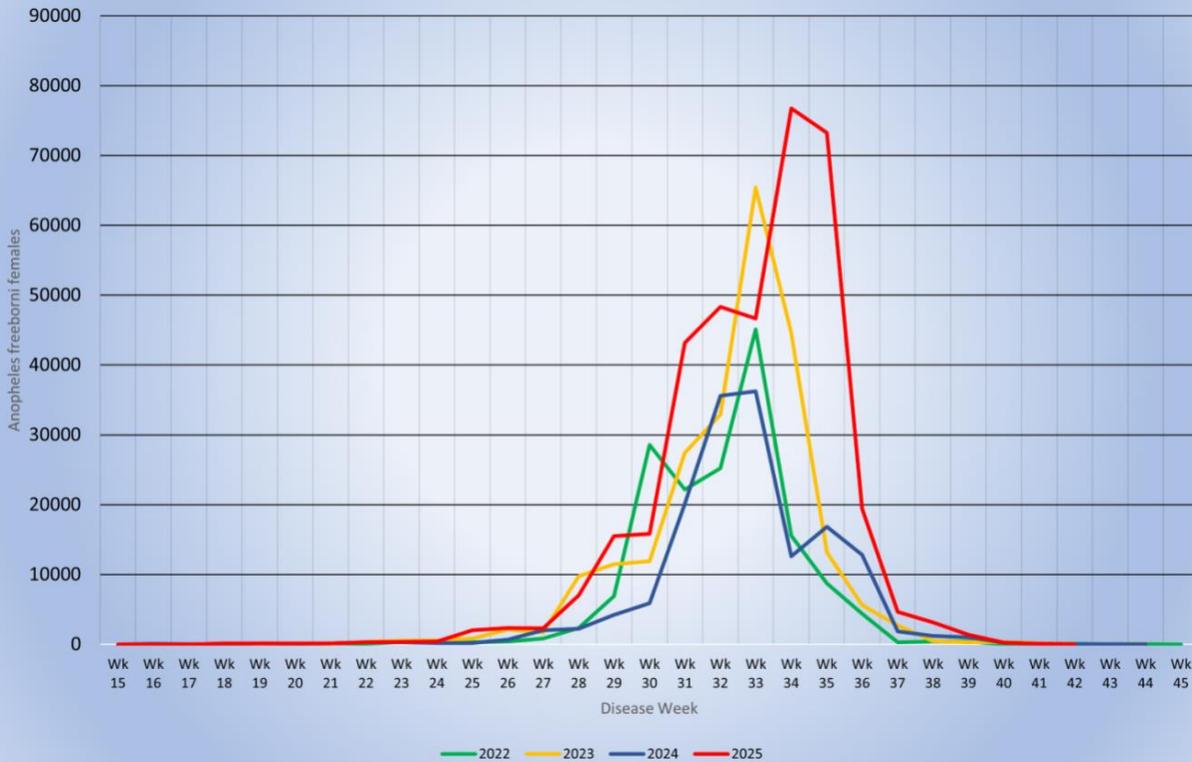
CULEX TARSALIS COMPARISON



AEDES MELANIMON COMPARISON



ANOPHELES FREEBORNI COMPARISON

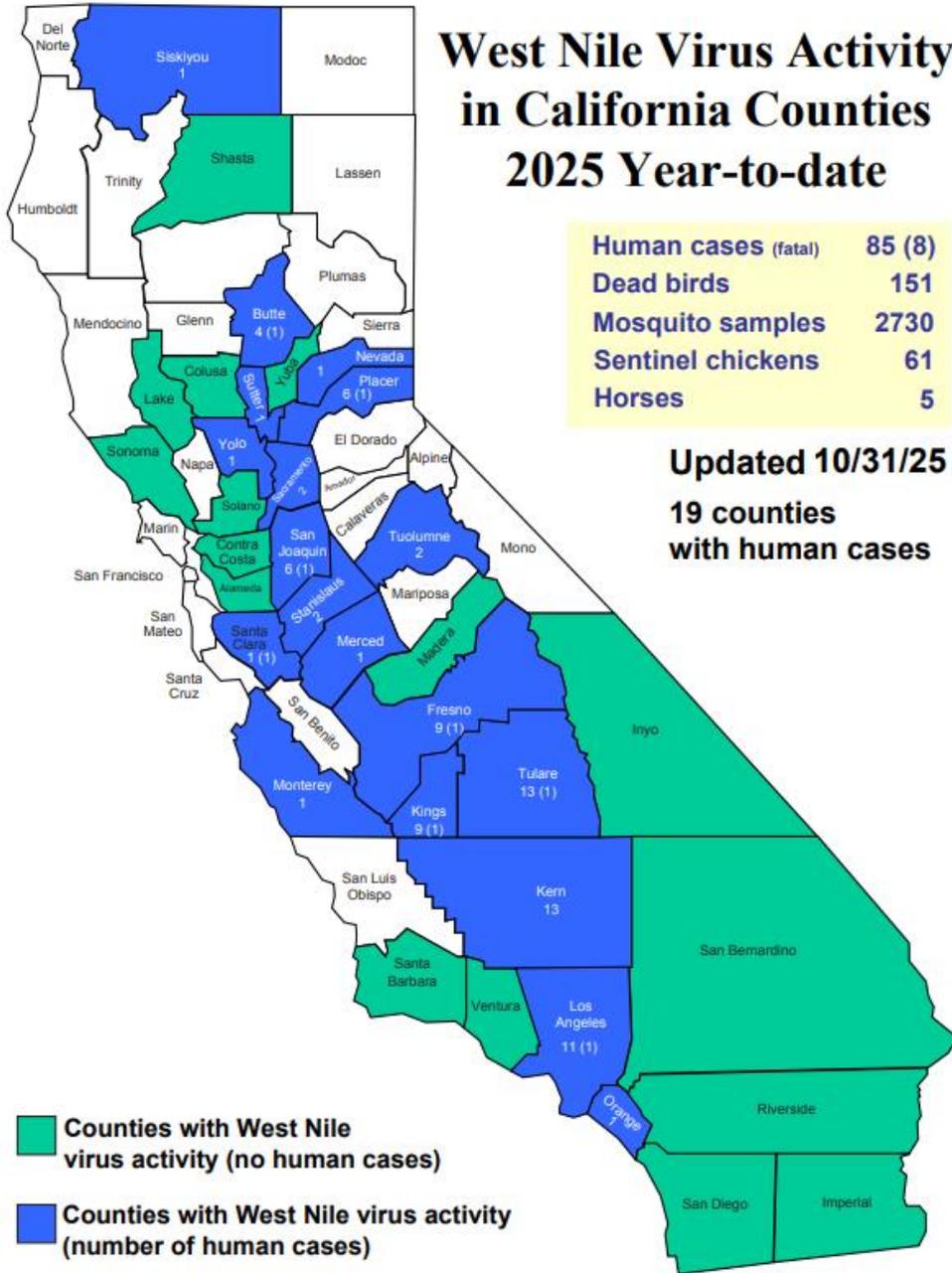


Attachment # 2

West Nile Virus Activity in California Counties 2025 Year-to-date

Human cases (fatal)	85 (8)
Dead birds	151
Mosquito samples	2730
Sentinel chickens	61
Horses	5

Updated 10/31/25
19 counties
with human cases



	Humans	Horses	Dead Birds	Dead Squirrels	Mosquito Pools	Sentinel Chickens
2004	7	18	118	0	1	50
2005	25	7	79	0	4	15
2006	34	0	40	1	1	49
2007	16	0	27	0	5	32
2008	6	0	38	0	5	31
2009	2	0	13	0	5	36
2010	1	1	6	1	7	7
2011	3	0	0	0	1	20
2012	10	2	53	2	27	43
2013	24	0	42	1	38	57
2014	25	0	22	0	43	37
2015	55	0	38	0	101	37
2016	21	0	22	0	48	38
2017	3	0	5	0	49	31
2018	12	0	4	0	49	37
2019	5	0	1	0	45	34
2020	4	1	4	0	31	23
2021	12	0	2	0	80	26
2022	3	0	2	0	39	26
2023	18	1	2	0	70	31
2024	12	0	4	0	70	28
2025	3	0	0	0	28	14
Totals	302	30	522	5	747	705



**California Special
Districts Association**
Districts Stronger Together

California Special Districts Association
1112 I Street, Suite 200
Sacramento, CA 95814
Phone: 877.924.2732 Fax: 916.520.2470
www.csda.net

2026 CSDA MEMBERSHIP RENEWAL

To:

Butte County Mosquito and Vector Control District
5117 Larkin Road
Oroville, CA 95965-9250

Membership ID: 30

Issue Date: October 1, 2025

Due Date: December 31, 2025

RM-Regular Member Annual Membership Dues Jan - Dec 2026 (Includes membership for all agency staff and elected/appointed officials as designated by agency)	\$9,665.00
Annual Membership for National Special Districts Association	Included with CSDA membership
<u>Optional Add-Ons</u>	
\$25 2026 Required State & Federal Labor Law Poster	\$
\$225 CSDA Sample Policy Handbook (Already subscribed? Contact membership@csda.net for renewal)	\$
Donate to the Special District Leadership Foundation (SDLF). Learn more at www.sdlf.org <i>Note: A donation from a special district or public agency must comply with any policy related to charitable donations adopted by the agency or be approved by the governing body of the agency.</i>	\$
Total:	\$
Credit Card Payment	
Name on Account:	Account Number:
Expiration Date:	Auth Signature:

Payment options:

- A. By mail: Make check payable to CSDA and mail to 1112 I Street, Suite 200, Sacramento, CA 95814
- B. By fax: Complete this form with credit information and fax it to 916.520.2470
- C. By phone: Call 877.924.2732 to pay with a credit card
- D. Online: Log into www.csda.net > go to your Profile > Manage My Agency > Pay Dues
- E. By ACH: contact membership@csda.net for more information

OBRA 1993 prohibits taxpayers from deducting, for federal income tax purposes, the portion of membership dues that are allocable to the lobbying activities of trade organizations. The nondeductible portion of your dues is estimated to be 8%. To view dues categories, please visit the CSDA transparency page at www.csda.net

Thank you for being a CSDA Member!



Sales Order

Order No.: SO571368
 Order Date: 10/27/2025

Truck Tops USA
 3944 Santa Rosa Ave
 Santa Rosa, CA, 95407-8223
 Phone: 1-707-586-9633
 Web: www.trucktopsusa.com
 BAR: ARD210468



WARNING: Most products sold here can expose you to chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. Most manufacturers have more detailed warnings on their product, packaging or website. For more information go to: www.P65Warnings.ca.gov

FOR:
 Cash-04
 3944 Santa Rosa Ave
 Santa Rosa CA 95407-8223

SHIP TO:
 Cash-04
 3944 Santa Rosa Ave
 Santa Rosa CA 95407-8223
 Phone: 1-707-586-9633

BILL TO:
 Cash-04
 3944 Santa Rosa Ave
 Santa Rosa CA 95407-8223

CUSTOMER P.O. NO.

TERMS
 COD

Salesperson
 Casey Meints (casey@campway.com)

NO.	ITEM	QTY.	UOM	PRICE	EXTENDED PRICE
1	IPDT257: Iron Panther 6x10 Dump Trailer 7,000 GVWR 48" Sidewalls with Tarp Kit - Direct Ram ***After 10-25 Miles Customer Needs to check Wheel Lug Nut Torque. 5 and 6 lug Wheel 100 FT LBS. 8 Lug Wheels 120 FT LBS***	1.00	EACH	7,599.00	7,599.00
2	FAST205/75D/15C: Fabform Spare Rim and Tire 5 Lug ST205/75D/15C	1.00	EACH	179.00	179.00
3	DMV: DMV Lic Fee	1.00	EA	47.00	47.00
4	TIRE FEE: CA Tire Recycle Fee	5.00	EA	1.75	8.75
5	EFF: DMV Electronic Filing Fee	1.00	EA	35.00	35.00
6	DOCFEE: Trailer Doc Fee	1.00	EA	85.00	85.00
7	TRAILERPDI: Trailer PDI/Assembly Fee	1.00	EA	35.00	35.00

- Deposits on Special Orders and Holds are Non-Refundable, Special Orders are Non-Returnable.
- Returns subject to 20% Restocking Fee, Original packaging required, installed merchandise can not be returned, Labor is not refundable.
- Purchaser must follow manufacturers respective warranty procedure for warranty work.
- 100% Color match to your vehicles paint cannot be guaranteed, Camper Shells & Lids are Not 100% Watertight.
- Due to the vulnerability of paint we are not responsible for incidental/consequential damage that may occur when installing an item onto a painted surface.
- Loaned product is the customers responsibility.
- CAUTION: Do not occupy the bed of a truck with "Lid" or "Camper Shell" installed on it while the engine is running or vehicle is in motion. Serious or fatal injury may result from collision or carbon monoxide poisoning.
- CAUTION: All mounting screws, bolts, nuts, clamps and other hardware that secure unit and / or accessory to your vehicle & Trailer Lug Nuts may require periodic tightening and / or inspection.

X _____
 I agree to the above conditions - I approve above work to be done.
 I agree to credit card transactions if applicable

Product Total:	7,778.00	Payments Applied:	
Labor & Misc.:	210.75	Payments Total:	0.00
Less Discount:	0.00		
Tax Total:	719.47		
Order Total:	8,708.22		

Balance: 8,708.22

Fat Boy Trailer Sales & Repair
 3221 Swetzer Rd
 Loomis, CA 95650
 +15306018376
 michael@fatboytrailers.com



**FAT BOY TRAILER
 SALES & REPAIR**

Estimate

ADDRESS

Aaron Lumsden
 Butte County Mosquito
 5117 Larkin Road
 Oroville CA 95965

ESTIMATE # 2674

DATE 10/27/2025

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
	6.5x12x4 Dump Trailer 7k GVWR	7000lb GVWR (2) Dexter 3500lb axles interior box 6'4"x11'10"x4'	1	7,699.99	7,699.99T
	Tarp Kit	6.5 x 15 tarp kit WTS DTR6518	1	415.00	415.00T
	Reg/ Title		1	47.00	47.00
	Documentation Fee		1	70.00	70.00T
	Tire Tax		5	1.75	8.75
	Spare Tire 205/75r15	Spare tire and welded tire mount for 205/75r15	1	205.00	205.00T

All estimates are only valid for 14 days

SUBTOTAL 8,445.74
 TAX 776.07
TOTAL \$9,221.81

Accepted By _____

Accepted Date _____

Signature _____

OFFER TO PURCHASE

FJM Truck & Trailer Center LLC - Sales Offer

1540 INDUSTRIAL AVENUE
SAN JOSE, CA, USA, 95112
P: (408) 298-5110
E: fyanez@fjmtruckcenter.com



SOLD TO

BUTTE CO MOSQUITO
5117 LARKIN RD
OROVILLE, CA, USA, 95965

P: (530) 533-6038
E: alumsden@buttemosquito.com

ORDER# CO-0011097
October 27, 2025

Sold by: FELIPE YANEZ

UNIT PURCHASED

VIN/SN: 7G71BD325TF014203

NEW - 2026 IRON PANTHER, DT257 6x10x4 7K SR, 6X10X4 7K		014203	OMi
Unit Pricing	Base Unit	\$9,195.00	
	30AMP - 30AMP FUSE ATO	\$1.00	\$9,196.00
Products & Fees	DOC - DMV DOCUMENT FEE	\$85.00	
	LIC - LICENSE FEES DMV	\$1.00	
	REG - DMV REGISTRATION FEE	\$47.00	
	TIRE/S - CALIFORNIA TIRE TAX	\$8.75	\$141.75

TOTALS

Units	\$9,196.00
Products & Fees	\$141.75
Sub-Total	\$9,337.75
Sales Tax	\$858.49
Total	\$10,196.24
Balance Due	\$10,196.24

SAID CUSTOMER HEREBY OFFERS TO PURCHASE FOB FROM FJM TRUCK & TRAILER CENTER LLC 1540 INDUSTRIAL AVE SAN JOSE CA 95112. PURCHASER OFFERS TO PAY THE PRICE LISTED PLUS THE LISTED TAXES, CHARGES, AND FEES FOR THE VEHICLE AS SHOWN TO THE PURCHASER. PURCHASER AGREES TO MAKE PAYMENT FOR SAID VEHICLES EQUIPMENT ACCORDING TO THE FOLLOWING TERMS AND PURCHASER UNDERSTANDS THE DELIVERY CANNOT BE MADE UNTIL SUCH TERMS ARE MET.

PRINT X _____

SIGNATURE X _____