

Documents & materials relating to an open session agenda item that are provided to the SYMVCD Board less than 72 hours prior to a regular meeting will be available for public inspection. Please contact the District Office at 530 674-5456 or kvalencia@sutter-yubamvcd.org

**SUTTER-YUBA
MOSQUITO & VECTOR CONTROL DISTRICT
AGENDA**

701 Bogue Road, Yuba City, CA. (530) 674-5456
Thursday, September 12, 2024, 4:30 P.M.

1. Call to Order
2. Pledge of Allegiance
- motion 3. Emergency Agenda Items
- motion 4. Consent Agenda:
The Consent Calendar groups together those items which are considered noncontroversial or for which prior policy direction has been given to staff and that requires only routine action by the Board. The Chair will advise the audience that the matters may be adopted in total by one motion; however, the Board may, at its option or upon request of a member of the public, consider any matter separately.
 - A. Minutes of August 8, 2024
 - B. Bills for August 2024
- motion 5. Approval to Purchase (3) Clarke ProMist Dura, Adult Mosquito Foggers
- motion 6. Health Insurance Renewal Rates for the Period Beginning January 1, 2025 Through December 31, 2025: Rates will be discussed by the Board.
- motion 7. Dental Insurance Renewal Rates for the Period Beginning January 1, 2025 Through December 31, 2025: Rates will be discussed by the Board.
- motion 8. Vision Insurance Renewal Rates for the Period Beginning January 1, 2025 Through December 31, 2025: Rates will be discussed by the Board.
- motion 9. Approval to Set District's Forecasted Reserves Implementation Plan for the Fiscal Year 2024-2025 Budget: This action will be in compliance with GASB 54.
- motion 10. Discussion/Approval of an amendment to the lease agreement with Sharpe Software Inc.
- motion 11. Closed Session – Pursuant to Government Code Section 54957(b)(1), the Board of Trustees will recess to closed session to discuss the findings of the written performance review of the District Manager. Report from Closed Session.
- motion 12. Approval to Continue the District Manager's Contract for the Period of October 1, 2024 through September 30, 2025. This would be year two of the five year contract.
- motion 13. Merit Increase for Manager Abshier: Abshier is eligible for a 2% merit increase from step 8 to step 9 of the salary range schedule.
14. Public Comments
15. Manager Comments: The manager will report on the following:
 - a) West Nile virus activity / Mosquito trap counts.
 - b) Update on ground and aerial adulticide missions.
 - c) Update on the District annual audit.
 - d) District activities.
16. Trustee Comments
- motion 17. Adjournment

Any person, who needs a disability-related modification or accommodation to participate in this meeting, should contact the District at (530) 674-5456 or by fax at (530) 674-5534. Requests must be made as early as possible and at least 72 hours prior to the meeting for the District to make reasonable arrangements and ensure accessibility.

AUGUST 8, 2024 MINUTES

The regular meeting of the Sutter-Yuba Mosquito & Vector Control District Board of Trustees was called to order by Board President Schmidl at 4:30 P.M., Thursday, August 8, 2024.

PRESENT: President Schmidl, Secretary Sanbrook, Ghag, Kirchner, Link (*attending remotely in compliance with government code section 54953*), Samayoa

ABSENT: None

ALSO PRESENT: Manager Abshier and General Foreman Songer

EMERGENCY AGENDA ITEMS: None

CONSENT AGENDA:

- A. Minutes of July 11, 2024
- B. Bills for July 2024
- C. Merit increase for Tim Houser, Field Foreman: Mr. Houser is being recommended for a salary increase to be effective August 1, 2024. The salary increase will be from step 6 to step 7 of the salary range schedule for Field Foreman.

A motion was made by Ghag and seconded by Kirchner approving the consent agenda. The motion was approved with the following vote:

Aye: Schmidl, Ghag, Kirchner, Sanbrook, Samayoa, Link
Nay: None
Abstain: None

APPROVAL OF THE SUTTER-YUBA MOSQUITO & VECTOR CONTROL DISTRICT'S DEFINED BENEFIT PLAN ACTUARIAL VALUATION REPORT AND DETERMINATION OF THE ANNUAL CONTRIBUTION FOR THE PLAN YEAR JULY 1, 2024-JUNE 30, 2025:

Abshier cited the Evergreen Actuarial Valuation Report, which recommended a contribution of \$12,658 for the current plan year, aligning with the budgeted amount. Abshier noted the portfolio beginning balance as of July 1, 2023 was \$2,746,732.63, and the ending balance was \$2,006,911.03 as of June 30, 2024, which is a net asset decrease of \$739,821.60. The reduction was due to a distribution of retirement benefits of \$992,884.46. The plan obligation as of June 30, 2024 is \$1,040,143, with total assets in the amount of \$2,006,911, making the defined benefit plan 193% funded. Sanbrook asked if the board should consider a higher contribution based on the recent poor market performance. Abshier suggested the board approve the budgeted amount, with the understanding that if the global economy continues a downward trajectory, the board could reassess its contribution at that time. A motion was made by Sanbrook and seconded by Samoyoa to approve the report and the recommended annual contribution of \$12,658 to the defined benefit plan. The motion was approved with the following vote:

Aye: Schmidl, Ghag, Kirchner, Sanbrook, Samayoa, Link
Nay: None
Abstain: None

APPROVAL TO SEND DISTRICT STAFF TO THE MVCAC DECEMBER PLANNING MEETING, DECEMBER 2nd-4th, 2024.

The planning meeting will be held in San Diego this year. Abshier stated that he needs to attend as the incoming MVCAC president. The hotel rate is \$149 per night plus taxes and fees. The airfare will be approximately \$400 round trip, plus transportation to and from the airport. There is no cost for the meeting registration. A motion was made by Samoyoa and seconded by Ghag to approve sending Abshier to the MVCAC December Planning Meeting. The motion was approved with the following vote:

Aye: Schmidl, Ghag, Kirchner, Sanbrook, Samayoa, Link
Nay: None
Abstain: None

APPROVAL TO SEND STAFF AND TRUSTEES TO THE MVCAC ANNUAL CONFERENCE, JANUARY 26th-29th, 2025:

Approval to send three District staff and up to three trustees to the conference in Oakland, California was discussed. Abshier described subject matter for the trustee sessions and gave insight into some key presentations that would take place at the conference. Abshier depicted the theme of the event as recognizing all the employees at vector control agencies and the various roles they have in achieving the overall mission of public health. Abshier noted that our staff may give presentations at the 2-day symposia featuring presentations from

various Districts statewide. Hotel cost is \$235 per night for 2 nights plus taxes and fees, \$450 per person to register and \$85 per trustee to register for the trustee session. A motion was made by Sanbrook and seconded by Kirchner to approve sending staff and trustees to the MVCAC Annual Conference. The motion was approved with the following vote:

Aye: Schmidl, Ghag, Kirchner, Sanbrook, Samayoa, Link

Nay: None

Abstain: None

PUBLIC COMMENTS: None

MANAGER COMMENTS:

- For West Nile Virus (WNV) activity statewide there have been eight human cases, 181 dead birds, 1,582 mosquito samples, 27 sentinel chickens, and two horses test positive for the virus.
- Abshier reported on WNV activity in the District and it was noted that in Sutter County, the State is reporting no human cases, no positive dead birds, 14 positive mosquito pools and no sentinel chickens that have sero-converted. In Yuba County, the State is reporting two human cases, none of the dead birds have tested positive, while 22 mosquito pools had results that were positive. No sentinel chickens have sero-converted thus far in Yuba County. Abshier clarified that county public health departments investigate WNV human cases which will not be reflected on the state report until the case is resolved. A human case is considered resolved upon a person's death or being discharged from medical care. In response, the District has issued a series of press releases including announcements on radio and sponsored Facebook posts. Spraying is being conducted in both urban and rural areas through ground and aerial applications to reduce adult mosquito abundance.
- *Culex tarsalis* numbers are on a downward trajectory and overall abundance is down compared to the ten-year average. The *Culex pipiens* population is also low compared to the ten-year average. *Anopheles freeborni* numbers are heading up, and though this species does not transmit WNV, it can be a public nuisance because it prefers to bite humans. Aerial treatments will double for the next two weeks to mitigate the anticipated rise of *Anopheles freeborni*.
- The aerial larviciding program is complete with 31 applications on 111,777 acres. We have treated 230,237 acres with adulticides by air and 158,404 acres with truck adulticide applications.
- The 2024 mosquitofish harvest has concluded with a total of 1,857 pounds of fish, marking a strong year relative to the average yields of previous years. Last year was a more difficult year with just over 900 pounds of fish weighed out. Predatory birds have contributed to lower yields in the past and fortunately there was less overall predation from birds this last winter, which contributed to our success this summer. An overwhelming majority of the mosquitofish harvested are placed in rice fields to consume mosquito larvae.
- The neglected swimming pool program is nearly complete with only 2 pools remaining in Sutter County. We started three weeks late this year due to our contracted pilot having mechanical issues. After reviewing the aerial photos, we determine which residences need an inspection visit. This year we have visited approximately 50% fewer pools in comparison to years when we begin around Memorial Day. In Sutter County, 139 pools have been visited, of which 50 were treated. In Yuba County, 78 pools were visited, with 19 receiving treatment.
- The District has completed three field cage trials (FCT) by air. The first FCT had mixed results due to unfavorable wind conditions. This FCT was repeated with Evergreen Air and resulted in nearly 100% mortality across all the cages. Our third FCT was with Trumpet, after our recent switch from Evergreen Air. The trial did not produce the good results we have observed in previous years. Calm winds at 2 mph do not create conditions where droplets can pass through the screen and enter the mosquito cage. We remain confident in the product's effectiveness and will continue to evaluate Trumpet moving forward. On Monday, August 12th an FCT will be conducted to evaluate the efficacy of Zenivex applied by ground against *Aedes aegypti*.
- The VCJPA member contingency fund balance as of June 30 is \$308,856.

- Abshier is attempting to contact a possible candidate to fill the Wheatland trustee vacancy, who is an active Wheatland community member, and was suggested by former Trustee, Justin Guzman.
- Abshier received bids from two DIR-registered HVAC contractors for the air conditioning (A/C) system replacement at the Bio Control building. DIR-registered contractors were necessary, as this falls in the category of a public works project. R.B. Spencer and John Burger Heating and Air provided quotes of \$23,827 and \$13,588, respectively. John Burger Heating and Air is the same contractor that replaced the A/C system at the Crews Quarters building in September of 2022 and has now completed the installation of the new system at the Bio Control building.
- According to the county public health departments there are no unresolved or pending human WNV cases in either Sutter or Yuba Counties.
- Abshier and Administrative Assistant Farrell conducted a phone meeting with a company that provides a 529 educational saving fund, which would allow for optional employee contributions. These contributions would be made post-tax, enabling the funds to be utilized for approved educational expenses without incurring additional taxes. The plan is under consideration and board action would not be necessary as there would be no costs to the District.
- At the last board meeting on July 11, 2024, Ken Meyers of Meyers Investment Group reported the Baird Midcap investment account was performing below expectations and stated that the account would be monitored closely. Abshier contacted Meyers who reported that this account performance has improved by 8% since July 11. Meyers recommends retaining this account in the portfolio at this time.
- To keep the public informed of West Nile Virus activity Abshier conducted radio interviews on KUBA and KKCY on July 3rd and on 93Q on July 17th and 30th. Additionally, the District continues to promote awareness through paid boosted posts on Facebook.
- As the season progresses, we are observing temporary staff members departing from the District in preparation for school.
- Trustees were provided with the Manager Evaluation Form. Abshier notified the board that the completed form should be returned to the District on or around September 2, 2024. President Schmidl will then have a chance to review the forms. A closed session will be held at the September 12, 2024 board meeting.

TRUSTEE COMMENTS: None

ADJOURNMENT: There being no further business, a motion was made by Sanbrook and seconded by Link to adjourn the meeting. The motion was approved with the following vote:

Aye: Schmidl, Ghag, Kirchner, Sanbrook, Samayoa, Link

Nay: None

Abstain: None

President Schmidl adjourned the meeting.

John Sanbrook, Board Secretary

Sutter-Yuba Mosquito and Vector control District

AUGUST 2024 BILLS

| Name | Date | Amount | Other | Total |
|---|-------------|-------------------|------------------|-------------------|
| Adapco | 9/9/2024 | 430,053.63 | | 430,053.63 |
| Air & Lube Systems, Inc. | " | 355.00 | | 355.00 |
| Arena Pesticide Management | " | 129,442.00 | | 129,442.00 |
| ATT | " | 130.64 | | 130.64 |
| City of Yuba City | " | 857.96 | | 857.96 |
| Clarke | " | 6,069.58 | | 6,069.58 |
| Commercial Auto & Diesel Electric | " | 289.58 | | 289.58 |
| Department of Pesticide Regulation | " | 280.00 | | 280.00 |
| Golden Bear Alarms | " | 125.00 | | 125.00 |
| Grow West | " | 228.26 | | 228.26 |
| Home Depot | " | 396.32 | | 396.32 |
| The Hose Shop | " | 213.55 | | 213.55 |
| Irshad Ali (Rhythm 105.9) | " | 340.00 | | 340.00 |
| Jew, Darrell | " | 113.14 | | 113.14 |
| KETQ 93.3 FM | " | 400.00 | | 400.00 |
| Lamar Companies | " | 1,615.87 | | 1,615.87 |
| Larry Geweke Ford | " | 236.45 | | 236.45 |
| Napa Auto Parts | " | 185.27 | | 185.27 |
| Pace Supply | " | 125.61 | | 125.61 |
| PBM | " | 101.65 | | 101.65 |
| Results Radio LLC | " | 1,190.00 | | 1,190.00 |
| R.W. Baird | " | | 12,658.00 | 12,658.00 |
| Santa Ana, Alfonso | " | 649.00 | | 649.00 |
| Shadd Janitorial Supply | " | 73.95 | | 73.95 |
| Sutter Buttes Fire Extinguisher Company | " | 24.07 | | 24.07 |
| Sutter-Yuba MVCD/ Petty Cash | " | 23.67 | | 23.67 |
| Target Specialty | " | 9,749.63 | | 9,749.63 |
| Tom Burns Trucking | " | 437.50 | | 437.50 |
| Town and Country Heating & Air Conditioning | " | 282.50 | | 282.50 |
| Tractor Supply | " | 104.53 | | 104.53 |
| UniFirst Corporation | " | 1,282.26 | | 1,282.26 |
| US Bank | " | 12,343.28 | | 12,343.28 |
| Walmart/ Capital One | " | 147.29 | | 147.29 |
| WEX Bank | " | 7,801.81 | | 7,801.81 |
| TOTAL | | 605,669.00 | 12,658.00 | 618,327.00 |

The above referred to list is herein certified as a true and correct list of allowed claims which have been allowed by the Board of Trustees as dated:09/09/2024

Signature

Signature

Health Insurance for 2025

MEDICAL PLAN RATES

KEENAN 2024 RATES

| | |
|-------------|------------|
| EMPLOYEE | \$973.25 |
| EMPLOYEE +1 | \$1,946.50 |
| EMPLOYEE +2 | \$2,530.45 |

KEENAN 2025 RATES

| | |
|-------------|------------|
| EMPLOYEE | \$1,085.56 |
| EMPLOYEE +1 | \$2,171.13 |
| EMPLOYEE +2 | \$2,822.46 |

↑ + 11.5% from last year

SDRMA 2025 RATES

| | |
|-------------|------------|
| EMPLOYEE | \$1,467.75 |
| EMPLOYEE +1 | \$2,930.35 |
| EMPLOYEE +2 | \$3,814.09 |

↑ +4.2% from last year
as compared with 2024 SDRMA rates.

Premium Rate Increases

| | Keenan | SDRMA |
|---------|---------|--------|
| 2016 | -9.30% | 9.35% |
| 2017 | -10.60% | 3.67% |
| 2018 | 3.10% | 4.34% |
| 2019 | 4.40% | 3.02% |
| 2020 | 1.30% | 3.30% |
| 2021 | 1.65% | 10.50% |
| 2022 | 3.95% | 3.30% |
| 2023 | 2.00% | 9.50% |
| 2024 | 4.00% | 15.40% |
| 2025 | 11.50% | 4.20% |
| Average | 3.99% | 6.66% |

Keenan average does not include 2016 and 2017 data.

Ancillary Insurance for 2025

DENTAL PLAN RATES

KEENAN 2024 RATES

| | |
|-------------|----------|
| EMPLOYEE | \$36.16 |
| EMPLOYEE +1 | \$72.68 |
| EMPLOYEE +2 | \$129.78 |

KEENAN 2025 RATES

| | |
|-------------|----------|
| EMPLOYEE | \$36.16 |
| EMPLOYEE +1 | \$72.68 |
| EMPLOYEE +2 | \$129.78 |

↔ No Change from last year

SDRMA 2025 RATES

| | |
|-------------|----------|
| EMPLOYEE | \$53.46 |
| EMPLOYEE +1 | \$89.92 |
| EMPLOYEE +2 | \$136.68 |

↑ + 3.7% from last year
as compared with 2024 SDRMA rates.

VISION PLAN RATES

KEENAN 2024 RATES

| | |
|-------------|---------|
| EMPLOYEE | \$4.72 |
| EMPLOYEE +1 | \$10.42 |
| EMPLOYEE +2 | \$16.64 |

KEENAN 2025 RATES

| | |
|-------------|---------|
| EMPLOYEE | \$4.72 |
| EMPLOYEE +1 | \$10.42 |
| EMPLOYEE +2 | \$16.64 |

↔ No Change From Last Year

SDRMA 2025 RATES

| | |
|-------------|---------|
| EMPLOYEE | \$6.59 |
| EMPLOYEE +1 | \$12.77 |
| EMPLOYEE +2 | \$20.19 |

↔ No Change From Last Year
as compared with 2024 SDRMA rates.

LIFE/ADD PLAN RATES

KEENAN 2024 RATES

| | |
|----------|--------|
| EMPLOYEE | \$9.40 |
|----------|--------|

KEENAN 2025 RATES

| | |
|----------|--------|
| EMPLOYEE | \$9.40 |
|----------|--------|

↔ No Change From Last Year

SDRMA 2025 RATES

| | |
|----------|---------|
| EMPLOYEE | \$13.60 |
|----------|---------|

↔ No Change From Last Year
as compared with 2024 SDRMA rates.

2024-2025 Budget Forecasted Reserve Implementation Plan

District Reserves: Governmental Accounting Standards Board 54 Fund Balances

GASB 54 Committed

DDT Soil Contamination Market Street Property _____ \$2,250,000.00

- Financial responsibility should US/Cal EPA, CA Dept Water Resources, require cleanup
- Environmental engineering services, ESA Phase I, II & III soil assessment/sampling/removal/mitigation

Accumulated Capital Outlay _____ \$1,500,000.00

- Land acquisition/development for Fish Farm
- Funds available for construction/installation of electric vehicle charging facilities

Budget Stabilization _____ \$500,000.00

- Funds available for unexpected decrease or loss of revenue
- Funds availability for unfunded benefit obligations/liability (vacation or other time off benefits) should an employee unexpectedly separate from the District

GASB 54 Assigned

Operations Fund _____ \$2,000,000.00

- Continued operations during revenue collection dry periods

Research Projects _____ \$75,000.00

- Assist in research projects with MVCAC, AMCA, or University of California
- Pesticide efficacy, target/non-target, resistance or droplet deposition research

Vector-Borne Disease Emergency Fund _____ \$625,000.00

- Funds available to suppress a vector-borne disease outbreak

Invasive Aedes Response _____ \$100,000.00

- Wide area larvicide or adulticide aerosol fogger, specialized traps & equipment purchase
- Additional staff for surveillance and treatment
- Additional pesticide purchases, contractor costs, SIT implementation

Operations Equipment Replacement _____ \$100,000.00

- Funds available for replacing pesticide application equipment due to unexpected failures
- ULV Fogger, Mist blower, power sprayer

Vehicle Replacement Reserve _____ \$125,000.00

- Funds available for purchase of District vehicles due to unexpected loss

GASB 54 Unassigned

General _____ \$691,623.00

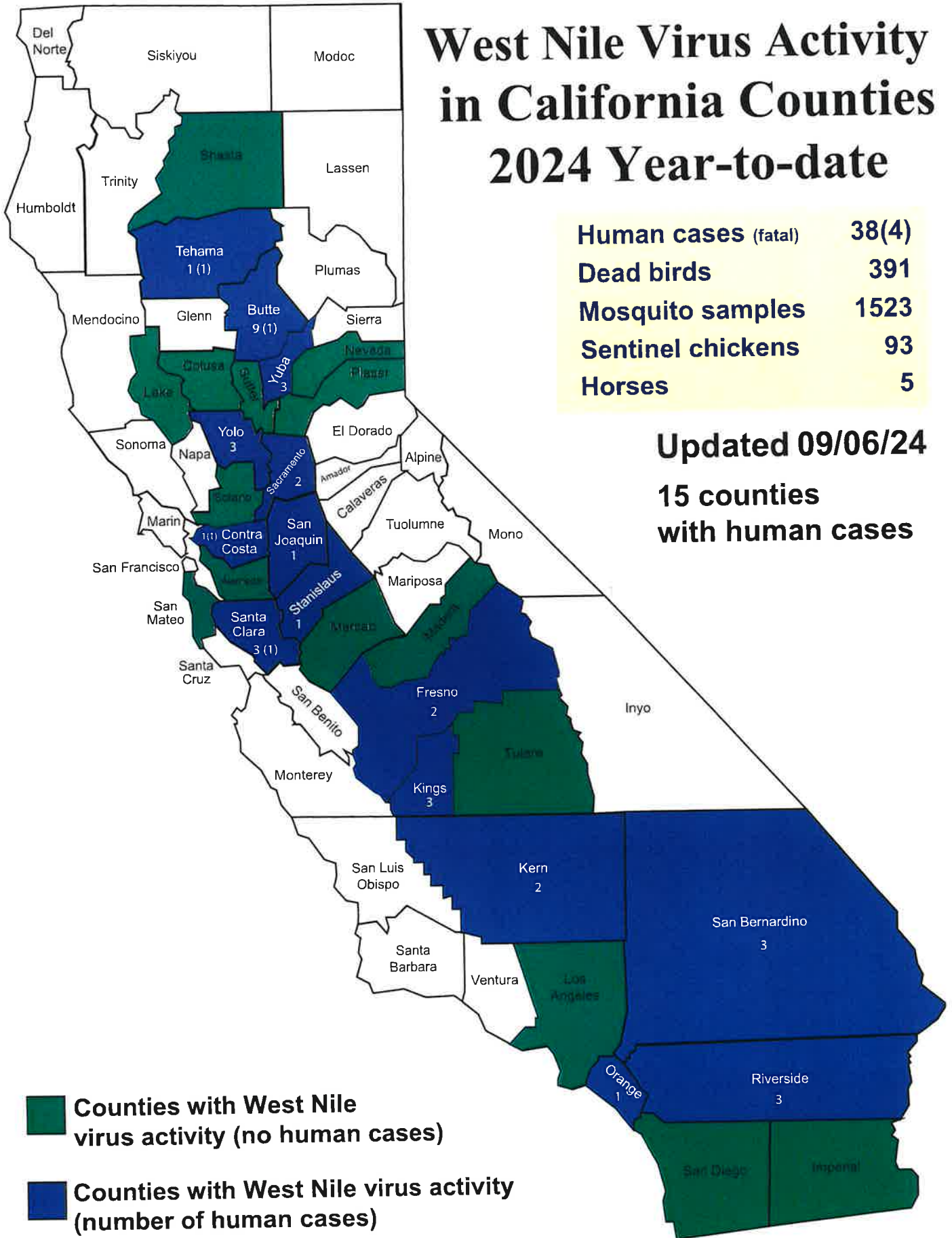
Total
\$7,966,623.00

West Nile Virus Activity in California Counties 2024 Year-to-date

| | |
|---------------------|-------|
| Human cases (fatal) | 38(4) |
| Dead birds | 391 |
| Mosquito samples | 1523 |
| Sentinel chickens | 93 |
| Horses | 5 |

Updated 09/06/24

15 counties
with human cases



California Arbovirus Surveillance Bulletin #22

Week 36 Friday, September 6, 2024

| 2023 & 2024 YTD West Nile Virus Comparisons | | |
|--|-----------------------|-----------------------|
| | 2023 | 2024 |
| Total No. Dead Bird Reports | 4,939 | 4,980 |
| No. Positive Counties | 39 | 30 |
| No. Human Cases | 98 | 38 |
| No. Positive Dead Birds / No. Tested | 502 / 1,441 | 391 / 1,434 |
| No. Positive Mosquito Pools / No. Tested | 3,455 / 38,551 | 1,523 / 35,025 |
| No. Seroconversions / No. Tested | 132 / 2,893 | 93 / 3,478 |

| YTD WNV Activity by Element and County, 2024 | | | | | |
|---|---------------|---------------|-------------------|-----------------------|--------------------------|
| County | Humans | Horses | Dead Birds | Mosquito Pools | Sentinel Chickens |
| Alameda | | | 43 | 19 | |
| Butte | 9 | | 4 | 64 | 26 |
| Colusa | | | 1 | | |
| Contra Costa | 1 | | 6 | 7 | 8 |
| Fresno | 2 | | | 176 | |
| Imperial | | | | 2 | |
| Kern | 2 | | | 39 | |
| Kings | 3 | | | 63 | |
| Lake | | | 1 | 13 | 5 |
| Los Angeles | | | 9 | 120 | |
| Madera | | | | 74 | |
| Merced | | | | 28 | 12 |
| Nevada | | | | | 1 |
| Orange | 1 | | 1 | 33 | |
| Placer | | 1 | 2 | 81 | |
| Riverside | 3 | | 2 | 214 | |
| Sacramento | 2 | 1 | 55 | 47 | |
| San Bernardino | 3 | | 10 | 71 | |
| San Diego | | 1 | 2 | | |
| San Joaquin | 1 | 1 | 6 | 144 | |
| San Mateo | | | 23 | | |
| Santa Clara | 3 | | 220 | 30 | |
| Shasta | | | | 28 | 2 |
| Solano | | | 2 | 10 | 5 |
| Stanislaus | 1 | | | 43 | |
| Sutter | | | | 30 | 17 |
| Tehama | 1 | | | | 3 |
| Tulare | | | | 109 | 7 |
| Yolo | 3 | | 2 | 48 | |
| Yuba | 3 | 1 | 2 | 30 | 7 |
| Totals | 38 | 5 | 391 | 1,523 | 93 |

10 Year Averages vs. DW 35 (8/21/2024 – 8/28/2024)

