

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

701 Bogue Road, Yuba City, CA. (530) 674-5456
Thursday, August 11, 2022, 4:30 P.M.

1. Call to Order
2. Pledge of Allegiance
3. Emergency Agenda Items
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 July 14, 2022
 - B. Bills for July 2022
 - C. Merit Increase for Tim Houser, Field Foreman: Mr. Houser is being recommended for a salary increase to be effective August 1, 2022. The salary increase will be from step 4 to step 5 of the salary range schedule for Field Foreman.
5. 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, 2022 – June 30, 2023: Board approval and/or discussion.
6. Approval to Send District Personnel and Trustees to the MVCAC Annual Conference in Anaheim, CA. on January 29 through February 1, 2023: Hotel rates and travel cost will be discussed.
7. Approval to purchase a security camera system to cover outside areas of the District yard: Informal bids will be presented.
8. Health Insurance Renewal Rates for the Period Beginning January 1, 2023 Through December 31, 2023: Rates will be discussed by the Board.
9. Dental Insurance Renewal Rates for the Period Beginning January 1, 2023 Through December 31, 2023: Rates will be discussed by the Board.
10. Vision Insurance Renewal Rates for the Period Beginning January 1, 2023 Through December 31, 2023: Rates will be discussed by the Board.
11. Public Comments
12. Manager Comments: The manager will report on the following:
 - a) West Nile virus activity.
 - b) Mosquito trap counts/Invasive Aedes detections
 - c) Summary of mosquito control applications.
 - d) Summary of neglected swimming pool treatments.
 - e) Results of recent field cage trials and bottle bioassays.
 - f) July 28 MVCAC Summer Quarter Meeting report
 - g) District activities.
13. Trustee Comments
14. Adjournment

If you are a disabled person and need a disability-related modification or accommodation to participate in this meeting, please 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 to enable the District to make reasonable arrangements and ensure accessibility.

**2022-2023
SUTTER-YUBA MOSQUITO & VECTOR CONTROL DISTRICT
BUDGET**

	Expended July 2022	Budget	Spent YTD	Balance
SALARIES & BENEFITS				
51010 PERMANENT SALARIES	93,509.00	1,256,000.00	93,509.00	1,162,491.00
51020 EXTRA HELP	47,730.50	256,000.00	47,730.50	208,269.50
51102 PAYROLL TAXES SPECIAL DIST	4,891.40	40,000.00	4,891.40	35,108.60
51110 RETIREMENT	0.00	75,000.00	0.00	75,000.00
51120 HEALTH,DENTAL,VISION INS	36,465.40	440,000.00	36,465.40	403,534.60
51121 DEF COMP	9,287.81	117,000.00	9,287.81	107,712.19
51130 UNEMPLOYMENT INSURANCE	1,099.00	60,000.00	0.00	60,000.00
51150 WORKERS COMPENSATION	56,894.00	57,193.00	56,894.00	299.00
TOTAL SALARIES & BENEFITS	249,877.11	2,301,193.00	248,778.11	2,052,414.89

SERVICES & SUPPLIES				
52040 CHEMICALS	242,401.58	1,050,000.00	242,401.58	807,598.42
52050 CLOTHING & PERSONAL	812.32	19,000.00	812.32	18,187.68
52060 COMMUNICATIONS	1,421.80	18,000.00	1,421.80	16,578.20
52090 HOUSEHOLD EXPENSES	160.24	2,000.00	160.24	1,839.76
52100 INSURANCE LIABILITY	60,367.00	85,500.00	60,367.00	25,133.00
52120 MAINTENANCE EQUIPMENT	4,447.46	33,000.00	4,447.46	28,552.54
52130 MAINT. STRU. & GRNDS	2,261.88	20,000.00	2,261.88	17,738.12
52150 MEMBERSHIPS	13,233.47	14,000.00	13,233.47	766.53
52170 OFFICE EXPENSES	1,912.13	15,500.00	1,912.13	13,587.87
52180 PROF. & SPEC. SERVICES	193,446.59	430,000.00	193,446.59	236,553.41
52190 PUBL. & LEGAL NOTICES	2,899.06	15,000.00	2,899.06	12,100.94
52200 RENTS & LEASES EQUIP	0.00	2,000.00	0.00	2,000.00
52210 RENTS-LEASES STRU & GRN.	0.00	16,250.00	0.00	16,250.00
52220 SMALL TOOLS & INSTRUMENTS	264.40	4,000.00	264.40	3,735.60
52230 SPECIAL DEPT EXPENSES	520.00	10,000.00	520.00	9,480.00
52239 BIOLOGICAL CONTROL	106.67	10,000.00	106.67	9,893.33
52241 ENTOMOLOGY/LAB	4,941.59	24,000.00	4,941.59	19,058.41
52250 TRANSPORTATION-TRAVEL	10,778.28	77,500.00	10,778.28	66,721.72
52260 UTILITIES	935.85	15,000.00	935.85	14,064.15
TOTAL SERVICES & SUPPLIES	540,910.32	1,860,750.00	540,910.32	1,319,839.68

OTHER CHARGES

53401 Treasury Fee	0.00	6,000.00	0.00	6,000.00
53550 Taxes and Assessments	0.00	400.00	0.00	400.00
TOTAL OTHER CHARGES	0.00	6,400.00	0.00	6,400.00

FIXED ASSETS

54501 EQUIPMENT	56,156.33	69,500.00	56,153.33	13,346.67
54502 STRUCTURES & GROUNDS	80,730.00	106,000.00	80,730.00	25,270.00
TOTAL FIXED ASSETS	136,886.33	175,500.00	136,883.33	38,616.67
TOTAL EXPENDITURES	927,673.76	4,343,843.00	926,571.76	3,417,271.24

EXPECTED REVENUE TOTAL: TBD
REVENUE RECEIVED JULY: \$ 3,271.00
REVENUE FY TO DATE: \$ 3,271.00

JULY 14, 2022 MINUTES

The regular meeting of the Sutter-Yuba Mosquito & Vector Control District Board of Trustees was called to order by Board President Harris at 4:30 P.M., Thursday, July 14, 2022.

PRESENT: President Harris, Secretary Sanbrook, Ghag, Schmidl and Link

ABSENT: Guzman and Kirchner

ALSO PRESENT: Manager Abshier, General Foreman Hunt and Ken Meyers of Meyers Investment Group

EMERGENCY AGENDA ITEM: None.

CONSENT AGENDA:

- A. Minutes of June 9, 2022
- B. Bills for June 2022
- C. Merit increase for Jessica Farrell, Administrative Assistant. Farrell is being recommended for a salary increase effective July 1, 2022. The salary increase will be from step 2 to step 3 for Administrative Assistant in the salary range schedule.
- D. Merit increase for Carlos Mendoza, Mosquito Control Technician I. Mendoza is being recommended for a salary increase effective July 1, 2022. The salary increase will be from step 1 to step 2 for Mosquito Control Technician I in the salary range schedule.

A motion was made by Schmidl and seconded by Ghag approving the consent agenda. The motion was approved by a unanimous vote.

QUARTERLY REVIEW OF THE DISTRICT'S DEFINED BENEFIT PLAN INVESTMENTS AS OF JUNE 30, 2022: Ken Meyers of Meyers Investment Group provided a snapshot of the District's portfolio. The District's portfolio year to date is down 15.03%. Meyers noted BIM mid/Cap is down 29.47%, Hahn MID Cap is down 22.65% and Sun Coast is down 24.59%. One bright spot is Millennium/Partners up 1.9% YTD. Meyers noted, historically (1930-2021) after a down market in the first half of the year, the market has rebounded by an average of 23.78% in the second half of the year. Sanbrook asked Meyers if we should stay the course. Meyers advised he is recommending staying the course with one exception, moving \$70,000 from Rational Special Situations Income Fund to Cliffwater Corporate Lending Fund. Cliffwater lends to mid-sized companies. They are receiving 7.25% interest currently. Meyers added there is still a huge amount of cash on the sidelines waiting to be invested. Mr. Meyers is able to make investment changes without Board approval per the District's Investment Policy Statement. A motion was made by Link and seconded by Ghag approving the quarterly review of the District's Defined Benefit Plan. The motion was approved by a unanimous vote.

PROPOSITION 4 APPROPRIATION LIMIT FOR FISCAL YEAR 2022-2023: Board President Harris opened the public hearing on the appropriation limit. No members of the public were present. Board President Harris closed the public hearing. Abshier explained that last year's, 2021-2022 appropriation limit was \$6,811,041. The limit for the 2022-2023 fiscal year is \$7,351,157, an increase of 7.9%. CPI is one of the factors used in setting the limit. CPI measures changes over time, in the prices paid by consumers. Our budget for fiscal year 2022-2023 is based on projected revenue of \$4.4 million which is far below the appropriation limit. A motion was made by Ghag and seconded by Sanbrook approving the Proposition 4 Appropriation Limit of \$7,351,157 for the 2022-2023 fiscal year. The motion was approved by a unanimous vote.

FINAL BUDGET APPROVAL FOR FISCAL YEAR 2022-2023: Board members were provided with the 2022-2023 final budget. The Salaries and Benefits portion of the budget reflects a 10.0% increase or \$209,178 higher than the approved budget for 2021-2022. The increase is largely due to adding two, Mosquito Control Tech I (MCT) positions. One will fill the vacancy left by the transfer of an MCT to fill the new Vector Ecologist position in April of 2022. The other will be a new MCT hire. The 2022-2023 final budget includes a 5% cost of living for all permanent employees. Included in the budget is a \$0.50 increase per hour for all seasonal and summer employees beginning July 1, 2022. Additionally included is a 10% increase for potential health insurance rate changes on January 1, 2023. The actuarially determined annual pension contribution amount was increased to \$61,122. The updated portfolio balance through June 30, 2022 changed the earlier calculation of \$52,968 that was provided for the preliminary budget. In the final budget, \$75,000 has been included for the pension contribution. As of July 1, 2022 the pension portfolio is 124% funded. The Services and Supplies portion of the budget

reflects a 10.7% increase, or \$180,025 over the approved budget for fiscal year 2021-2022. With some adult mosquito control pesticide manufactures continuing to face raw material availability issues, finished product remains in short supply. This budget will allow us to purchase nearly all of our pesticide needs for the 2023 mosquito season. Increasing pesticide costs, some services, insurance costs and earlier timed applications for *Culex* mosquitoes and controlling invasive *Aedes* mosquitoes can also be attributed to the increase. The Fixed Assets portion of the budget reflects a 35% decrease, or \$94,500 lower than the approved budget for FY 2021-2022. The budget will cover costs to purchase the Cab and Chassis truck (approved last fiscal year, but not yet delivered), a new adult mosquito fogger, a fogger spray head motor, the remaining costs of the asphalt project and bird exclusion netting for the fencing project at the fish farm. The total budgeted District expenditures for fiscal 2022-2023 reflects an increase of 7.3% or \$294,253 over the approved budget amount for fiscal year 2021-2022. The total Final Budget for 2022-2023 is set at \$4,343,843. A motion was made by Ghag and seconded by Link approving the 2022-2023 fiscal year budget of \$4,343,843. The motion was approved by a unanimous vote.

APPROVAL TO RENEW THE CORPORATE MEMBERSHIP WITH THE MOSQUITO AND VECTOR CONTROL ASSOCIATION OF CALIFORNIA (MVCAC) FOR THE 2022-2023 FISCAL YEAR: Abshier stated we are in a tiered system where Districts with operating budgets between three million and five million pay \$10,500 in annual dues. We get a lot of value with our membership. Abshier noted it is a well-run program, providing research, lobbying, and the data collection program, CalSurv. The MVCAC was instrumental in securing state funding for the CalSurv program, which we rely on for District data collection of mosquito abundance, mosquito-borne virus surveillance, and our pesticide applications. Other states are using CalSurv as a model in implementing similar programs. A motion was made by Schmidl and seconded by Link approving renewal of our Corporate Membership in the MVCAC at \$10,500. The motion was approved by a unanimous vote.

APPROVAL TO RENEW THE AMERICAN MOSQUITO CONTROL ASSOCIATION (AMCA) MEMBERSHIP FOR THE 2022-2023 FISCAL YEAR: Annual dues are calculated through a formula using a percentage of the member's operating budget. The dues for 2022-2023 are \$2,075, unchanged from last year. Much of the AMCA's work involves lobbying Congress for members. The association was instrumental in securing funding for the SMASH act. We are able to watch required continuing education videos free of charge. A motion was made by Sanbrook and seconded by Ghag approving the renewal of our membership with the AMCA for \$2,075. The motion was approved by a unanimous vote.

APPROVAL OF A CAL CHAMBER MEMBERSHIP FOR THE 2022-2023 FISCAL YEAR: Abshier noted Cal Chamber is a valuable resource for HR issues and legislation, free or low cost webinars, and a free workplace poster. Cal Chamber has been a tremendous source of Covid information pertaining to supplemental paid leave and exclusion pay. A motion was made by Sanbrook and seconded by Ghag approving a membership with Cal Chamber for \$699, for the 2022-2023 fiscal year. The motion was approved by a unanimous vote.

APPROVAL TO PURCHASE A CLARKE PROMIST DURA, ADULT MOSQUITO FOGGER: California is on course to phase out the sale of new small gasoline powered equipment in the near future. We have been successfully using electric foggers for 20+ years. The Clarke ProMist foggers have performed well over the years. The foggers typically last us around seven to eight years. The customer service that we receive from Clarke has been outstanding. The only other electric fogger option is the Curtis L30. We had three of their units in the past and we were less than impressed with their customer service. The Clarke ProMist Dura is priced at \$19,650.36 with the Curtis L30 coming in at \$17,177.51. A motion was made by Sanbrook and seconded by Link approving the purchase of a Clarke ProMist Dura at \$19,650.36. The motion was approved by a unanimous vote.

APPOINTMENT OF MEMBERS TO AN AD HOC COMMITTEE FOR EVALUATING SUB-TENANT CANDIDATES: SUB-TENANT CANDIDATES INTERESTED IN SHARING SPACE AT 925 MARKET STREET WILL BE REVIEWED BY THE COMMITTEE, AND MAY BE RECOMMENDED TO THE BOARD FOR APPROVAL: Board members Guzman and Harris were selected to be on the Ad Hoc Committee to oversee the sub-tenant leasing of the 925 Market Street property. Schmidl was selected to be the alternate. We have a six month lease with Sharpe software which began July 1, 2022. All sub-tenant lease agreements will include a morality clause. Potential sub-tenants will be reviewed by the Ad Hoc committee and may be recommended to the Board for approval. A motion was made by Sanbrook and seconded by Schmidl appointing Guzman, Harris and alternate Schmidl as members to the Ad Hoc Committee. The motion was approved by a unanimous vote.

PUBLIC COMMENTS: None

MANAGER COMMENTS: Statewide, no humans or horses have tested positive for WNV. Twenty dead birds and 222 mosquito pools have tested positive for WNV. We have had one dead bird and one mosquito pool test positive in Sutter County. No positive WNV detections have been made in Yuba County. The New Jersey Mosquito Trap counts are at or below the 10 year average for *Culex tarsalis*, *pipiens* and *Anopheles freeborni*. Abshier reminded the Board that the *tarsalis* is the mosquito of concern for West Nile transmission. Abundance numbers from these traps drive the decision making on when to begin adulticide spraying. This year our strategy was to begin spraying early. There is evidence that suggests early spraying can dramatically reduce the number of mosquitoes at their normal peak. Drought conditions can typically result in higher mosquito densities and WNV infection rates with birds and mosquitoes being concentrated at the limited water supply.

Invasive *Aedes* trapping is ongoing. We have had four egg detections in Tierra Buena and one in Shanghai Bend areas. Weekly adulticiding and larviciding missions are being conducted in these areas. Additionally, In2Care traps are also being deployed.

District staff has begun visiting neglected pools where photo evidence shows a potential for mosquito production. In Sutter County, 216 pools were marked as suspect. Inspections and or treatments have been made to 198 pools thus far. Staff has 18 pools left to be inspected. In Yuba County, 198 pools were marked as suspect. Inspections or treatments have been made to 176 pools. Staff has 22 pools left to be inspected.

Mosquitofish harvesting has been completed for planting of rice fields for mosquito control. We have harvested 1,697 lbs. of fish, 545 pounds higher than last year's harvest. We will be beginning the project to cover four additional ponds this fall to exclude predatory birds.

We are about half way through the BTI rice field larviciding program. As of Wednesday, July 13, 2022, 61,232 acres of rice has been treated. At the end of the program in early August, about 102,000 acres of rice will be treated.

Currently, adulticide spraying by ground truck has covered 62,851 acres. Adulticide spraying by air has covered 95,343 acres.

Bottle Bio Assays are planned for the next few weeks to test for resistance in Malathion, Naled, Permethrin, Sumethrin, Deltamethrin and Entofenprox. These tests will be conducted by Erik Blosser, District Entomologist, in the District lab. An aerial Pyrethrin trial along with an Evergreen ground trial is planned for later this month.

Abshier also noted:

- Staff is busy answering requests for service, planting mosquitofish in miscellaneous sources, checking green swimming pools, and monitoring pastures for mosquito production.
- The MVCAC summer meeting will be held July 28th, 2022 online.
- The Y-S Fair booth focused on invasive *Aedes*, West Nile Virus and our control measures. Attendance was low. We are planning to add a prize wheel, stickers, pencil/pens, and other promotional materials to increase engagement.
- Requests have been low so far this year.
- Big S asphalt has completed the asphalt project, on budget at \$205,730. They did a great job.
- The Feather River Levee West Assessment Ballot measure passed by a margin of 52%.
- The Annual Conference will be held in Anaheim, January 29-February 1, 2023. This conference will fill up fast when reservations open. Please let us know if anyone has interest in attending.

TRUSTEE COMMENTS: None

ADJOURNMENT: There being no further business, a motion was made by Ghag and seconded by Link to adjourn the meeting. The motion was approved by a unanimous vote. President Harris adjourned the meeting.

John Sanbrook, Board Secretary

Health Insurance For 2023

Medical Plans

Medical-Platinum plan (current) 9.5% Increase

Current Monthly Cost
\$30,739.32

New Monthly Cost
\$33,658.34*

*We plan to bring on 2 new employees that are not included in calculation.

Medical-Gold Plan 9.5 % Increase

Current Monthly Cost
\$28,119.00

New Monthly Cost
\$30,788.76*

Dental -.9% Decrease

Current Monthly Cost
\$1,153.50

New Monthly Cost
\$1,144.10*

Vision No Change

Current Monthly Cost
\$160.30

New Monthly Cost
\$160.30

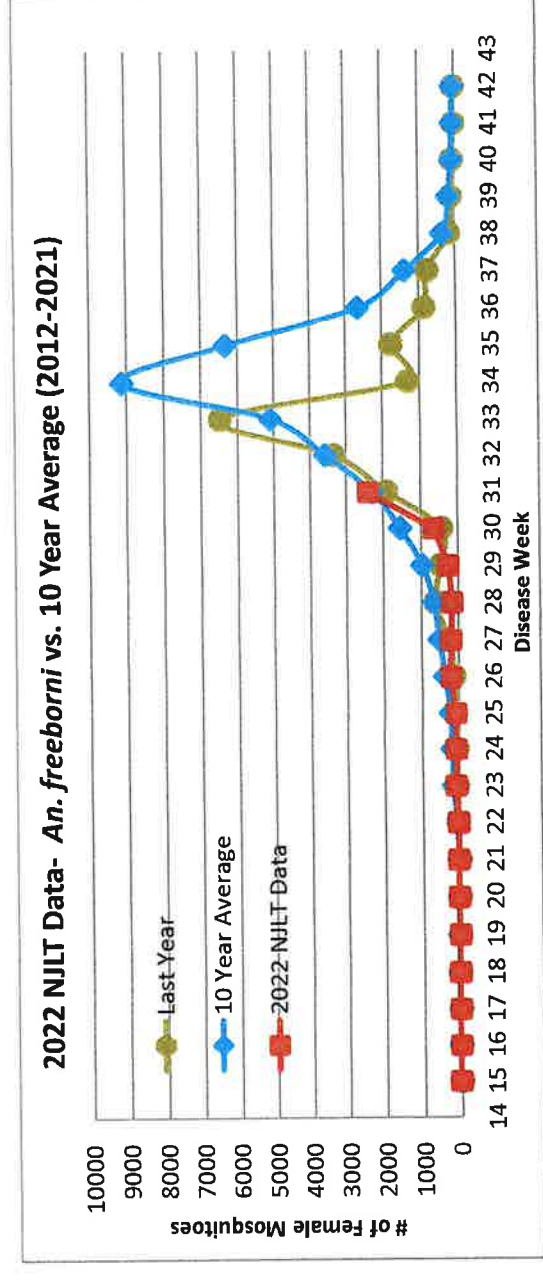
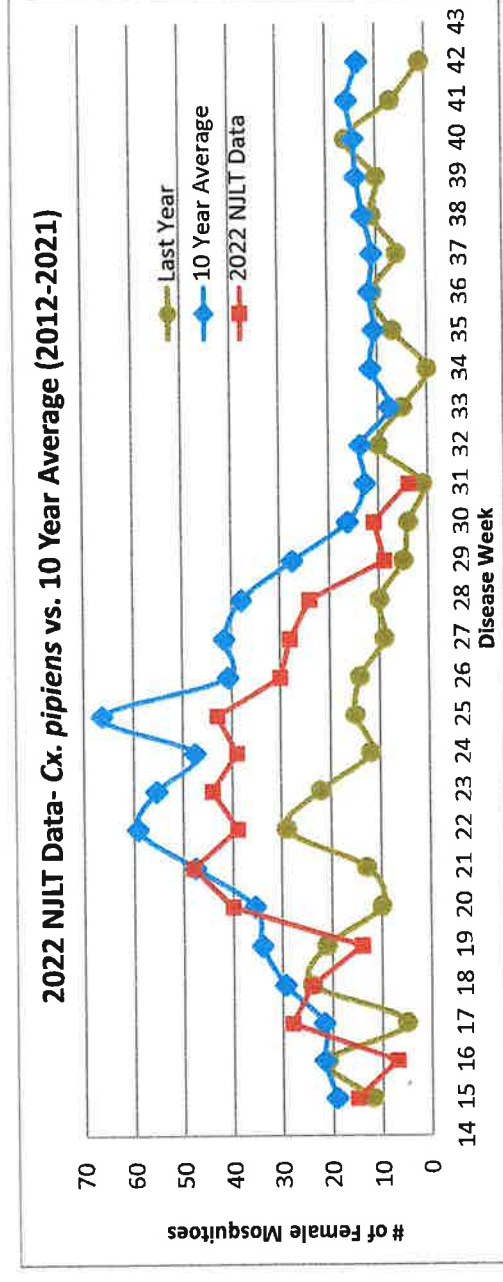
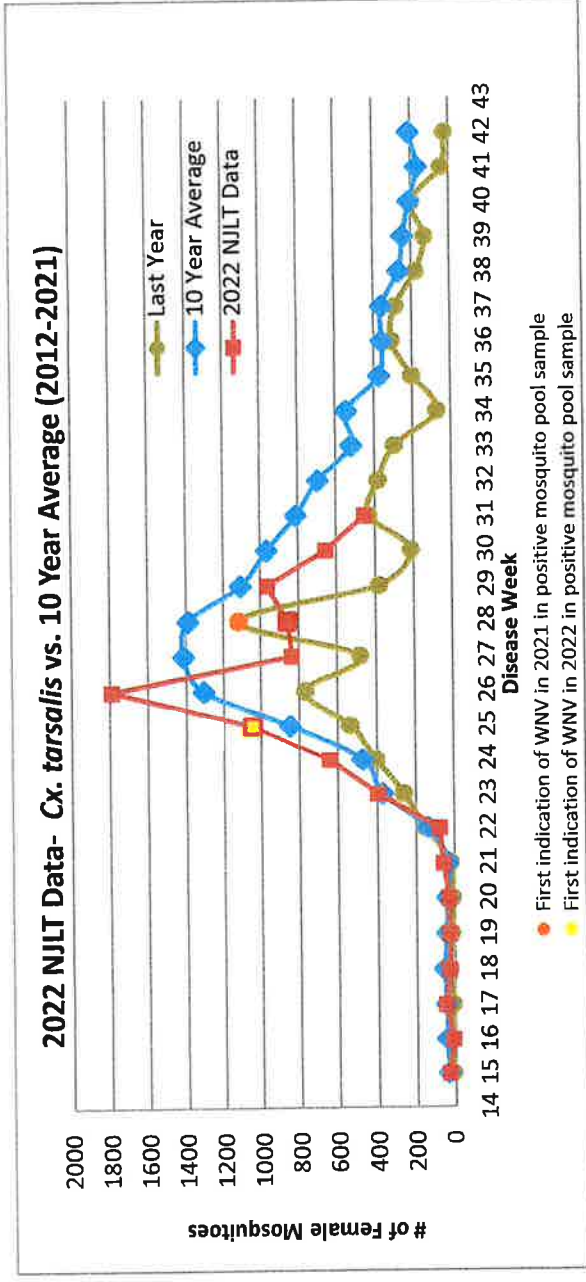
California Arbovirus Surveillance Bulletin #18
 Week 31 Friday, August 5, 2022

2021 & 2022 YTD West Nile Virus Comparisons		
	2021	2022
Total No. Dead Bird Reports	3,538	3,066
No. Positive Counties	25	23
No. Human Cases	8	7
No. Positive Dead Birds / No. Tested	109 / 1,069	60 / 817
No. Positive Mosquito Pools / No. Tested	770 / 19,719	965 / 18,736
No. Seroconversions / No. Tested	10 / 3,258	17 / 2,815

YTD WNV Activity by Element and County, 2022						
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens	
Butte			2	9	5	
Contra Costa			1	1		
Fresno			2	163		
Kern	2	2		49		
Kings	1			44		
Los Angeles			16	98		
Madera				16		
Merced			1	2		3
Nevada			1			
Orange				14		
Placer				20		
Riverside				46		
Sacramento			20	12		
San Bernardino			1	21		
San Joaquin				79		
Santa Clara			5	11		
Shasta				12		
Solano			4	6		
Stanislaus	3			9		
Sutter			0	9	18	0
Tulare			1	319		6
Yolo	1		4	10		
Yuba				4	6	0
Totals	8	7	2	770	965	10
						17

Data in blue is 2021 YTD

10 Year Averages vs. DW 31 (7/27/2022 – 8/3/2022)



MVCAC Summer Meeting July 28, 2022

Insect Photography Workshop

At conclusion of Annual Conference, Orange County hosting workshop

5K Run Sunday (Tawnia Pett)- family participation ok
\$25 entry feewalking/strollers ok
Discount Disney Tickets available 120 days before conference
Tuesday PM 4 hour Party in the Park tix \$120 to \$150food in Cal Adventure

Legislative Day mid-Feb?

2024 Annual Conference will be in East Bay

IT Comm- moving to “My Committee” software for share and store documents/data

IVM- working on pollinator BMPS
Notifications, application procedures, staff training, documenting hive locations

Lab- Safety Manual underway

Leg- Pursuing funding for CDFW BMP projects, not successful this year

PR- Google drive with photos, we can add content

I&C- MVCAC provide Drone CEU’s

NPDES- Adding pyriproxyfen to permit, open comment period closes Aug 22
DPR Statewide notification system for restricted use pesticides only at this point
Meeting with CDFA end of August re pollinator code update for Vector Control exemption

CalSurv- working on user customizable spreadsheets for single upload
Improving customizable output reports for Board meetings, etc.

AMCA- Conference in Reno, registration on Oct/Nov