

Sacramento-Yolo
MOSQUITO & VECTOR
CONTROL DISTRICT

September 19, 2023

REGULAR MEETING
BOARD OF TRUSTEES

BOARD PACKET

10:00 A.M.

8631 BOND ROAD
ELK GROVE, CA 95624

**SACRAMENTO/YOLO MOSQUITO
& VECTOR CONTROL DISTRICT
BOARD OF TRUSTEES REGULAR MEETING**

8631 Bond Road
Elk Grove, CA 95624
AND
704 West Main Street
Winters, CA 95694

**AGENDA
September 19, 2023
10:00 AM**

In compliance with the Americans with Disability 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 office at (916) 685-1022 or (916) 685-5464 (fax). 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 SYMVCD Board less than 72 hours prior to a regular meeting will be available for public inspection and copying at 8631 Bond Road, Elk Grove, Ca 95624. The documents will also be available on the agency's website at www.fightthebite.net.

CALL TO ORDER:

- **Roll Call**
- **Pledge of Allegiance**

1. **Items for Approval by General Consent:**
 - a. **Minutes of the August 14, 2023 Board of Trustees Meeting**
 - b. **Expenditures for August 2023**
 - c. **District Investment Report for Period Ending June 30, 2023**
 - d. **Board Consideration of Resolution Honoring Tom Price for His Years of Service**
2. **Opportunity for Public Comment**

This item is reserved for members of the public who wish to speak on items not on the agenda
3. **Reports to the Board**
 - a. **Manager's Report**
 - b. **Reports from District Departments**
 - **Lab/Surveillance**
 - **Ecological Management**
 - **Biological Control**
 - **Larval and Adult Control**
 - **Public Outreach**
4. **Board Review and Consideration of New Accounting Software**
5. **Board/Staff Reports and Requests**
6. **Adjournment**

Sacramento-Yolo Mosquito and Vector Control District

September 19, 2023 Board Meeting

1. Items for Approval by General Consent:

- a. Minutes of the August 14, 2023 Board of Trustees Meeting;
- b. Expenditures for August 2023
- c. District Investment Report for Period Ending June 30, 2023
- d. Board Consideration of Resolution Honoring Tom Price for His Years of Service

Recommendation:

Approve the Items by General Consent

**MINUTES OF THE AUGUST 14, 2023
MEETING OF THE BOARD OF TRUSTEES OF THE SACRAMENTO-
YOLO MOSQUITO & VECTOR CONTROL DISTRICT**

Location: Virtual Meeting via Zoom / In Person @ 8631 Bond Rd, Elk Grove, California

Time: 10:00 a.m.

Call to Order: The meeting was called to order by Board President Marcia Mooney at 10:01 a.m.

Trustees Present:

Marcia Mooney	President	Galt
Sean Denny	Vice President	Woodland
Charles Duty	Secretary	Sacramento County
Chris Barker		Davis
Craig Burnett		Folsom
Janell Darroch		West Sacramento
Lyn Hawkins		Elk Grove
Gar House		Winters
Jayna Karpinski-Costa		Citrus Heights
Raymond LaTorre		Sacramento
Robert McGarvey		Rancho Cordova
Staci Gardiner		Isleton
William Reisen	Absent	Yolo County

Staff Present:

Gary Goodman	Manager
Jeni Buckman	Legal Counsel
Steve Ramos	Assistant Manager
Tony Hedley	Assistant Manager
Marty Scholl	Program Coordinator
Ken Harris	Biological/Fisheries Supervisor
Sarah Wheeler	Lab Director
Kevin Combo	Ecological Management Supervisor

Roll Call

This meeting was both in person and by video teleconference. Attendance was taken by Roll Call.

Pledge of Allegiance

All phones and electronic devices are requested to be silenced during the Pledge of Allegiance and for the duration of the meeting.

1. Presentation by PAMCA Visitors

The District received oral presentations from Sidy Doumbia of Mali and Dunia Munyahangage of Rwanda. They both expressed gratitude for the collaboration between the District and PAMCA and highlighted their experience with mosquito control in their home countries, specifically their challenges in fighting malaria.

The Board took a brief break from 10:50 a.m. and resumed the meeting at 11:06 a.m.

2. Items for Approval by General Consent

On a motion by Trustee Craig Burnett and seconded by Trustee Sean Denny, the Board voted to approve the General Consent Items. The vote was taken by roll call and the motion passed by the following vote: Ayes: 12, Noes: 0, Absent: 1

- a. Minutes of the July 18, 2023 Board of Trustees Meeting
- b. Expenditures for July 2023
- c. Board Review and Consideration to Repair Asphalt at the Bond Road Facility not to exceed \$40,000
- d. Board Review and Consideration of CalPERS Revised Language

3. Opportunity for Public Comment

This item is reserved for members of the public who wish to speak on items not on the agenda. None

4. Reports to the Board

Manager's Report:

The Manager discussed the state of West Nile virus activity including a recap of the aerial treatments over the cities of Woodland and Davis. He also discussed the continued findings of *Aedes aegypti* and the expectation that this species tends to escalate in the late summer and early fall.

Reports from District Departments: Written reports were provided in the Board packet from each department.

- Lab/Surveillance
- Ecological Management
- Biological Control
- Larval and Adult Control
- Public Outreach

Lab/Surveillance:

The abundance of *Culex tarsalis* is elevated in Sacramento and Yolo county. West Nile virus activity is high throughout both counties. Thus far, 4,503 pools of *Culex tarsalis* and *Culex pipiens* were collected and tested for West Nile virus (WNV). As of 8/4/2023 there were 172 and 158 WNV-positive pools collected in Sacramento and Yolo Counties, respectively. Overall, 211 dead birds were collected and tested for WNV, SLEV, and WEEV. Overall, 336 dead birds were collected and 97 tested positive for WNV (Sacramento County-90; Yolo County-7). Sentinel chickens remain negative for WNV antibodies. *Aedes aegypti* and *Aedes albopictus* have been detected in Sacramento, Winters and Carmichael. Surveillance for these invasive species is ongoing.

Ecological Management:

Ecological Management Department (ECO) supervisor Kevin Combo informed the Board on progress of two Best Management Practices (BMP) projects at Tyler Island Habitat (Isleton) and the Martin Ranches (Hood-Franklin). Kevin explained that the Martin Ranch project will reduce the amount of acreage that needs to be treated from approximately 5 acres to a few hundred sq.ft. and the Tyler Island Habitat project will allow the wetland managers the ability to flood up and drawdown faster, reducing the amount of residual products that historically have been applied to manage larval populations in the wetland complexes. Kevin also discussed the cemetery program and the subsequent treatment numbers. Staff have been focusing their treatments on cemeteries that are in close proximity to West Nile Virus activity. Kevin outlined the Sumilarv .5 g cemetery vase treatment trial that is being conducted in coordination with lab biologist Mario Novelo Canto. Kevin apprised the Board of the communication with dairy farmers and land managers to implement mosquito reducing Best Management Practices (BMP's) to reduce mosquito populations on and around the farms.

Biological Control:

Ken Harris provided an overview of fisheries activities in July, emphasizing a delayed commencement of the rice stocking program compared to past years. The fisheries team initiated mosquitofish stocking activities in fields as they became available, covering Winters rice and the North West Natomas Fish Study area. Focus then shifted towards Conway Ranch Rice, strategically located between Woodland, Davis, and Sacramento. Ken also shared updated statistics regarding fish allocation by technicians, with a total of 371 pounds of fish distributed for the treatment of a combined area spanning 3,777 acres. In addition to their primary responsibilities, fisheries employees lent their support to Urban Operations and the South Crew by assisting with invasive mosquito inspections and larval treatments.

Larval and Adult Control:

Marty submitted a written report on Control department activities that highlighted the ongoing invasive *Aedes* control, catch basin control and field control activities. Marty also discussed that service requests in Knights landing and Dunigan are higher due to the increased treatments for virus with the rest of the District areas remaining about average. The District is responding to virus activity with morning and evening ULV applications where necessary. The aerial program is in full swing with regular treatments over agricultural areas and urban areas where needed. The rice is continuing to be larvicided on a regular basis with the hopes that they will start draining the fields soon and wild rice has already begun harvesting in Conaway. Our drone contractor has treated mostly wetland areas and a couple of rice fields. We have noticed that our yellowjacket numbers seem to be up in Sacramento County. We continue to see *Aedes* in the Rosemont, South Natomas, and Winters areas with new detections in North Land Park.

Public Outreach:

Luz Maria Robles submitted a written report.

5. Status of West Nile Virus Activity and District Response

Staff discussed the current status of West Nile virus activity and the District's response when virus is found. It was highlighted that the District is undergoing a very bad WNV year along with other Districts within the state of CA. The District has employed an aggressive approach that includes ground and aerial applications of adulticides when activity is detected. Staff presented a series of charts highlighting the last 6 years of activity in both the mosquitoes and the birds along with some maps of virus activity found within the District this year. No action was taken as this was information only.

6. Board Review and Discussion of the 2021-2022 District Audit

General Manager Gary Goodman introduced our auditor, Erica Pastor, who gave a recap of the District Audit for FY 21-22.

A motion was made by Trustee Burnett and seconded by Trustee Denny to adopt the FY 21-22 District Audit. The vote was taken by roll call and the motion passed by the following vote: Ayes: 12, Noes: 0, Absent: 1.

7. Board/Staff Reports and Requests / General Discussion

The Manager discussed the District's progress in changing accounting software to respond to the difficulty in the process for the last audit. He also highlighted the District's engagement with the City of Davis on better communication when future aerial applications are needed.

8. ADJOURNMENT

The meeting adjourned at 12:32 p.m.

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the August 14, 2023, meeting.

Gary Goodman, Manager

Approved as written and/or corrected by the Board of Trustees at the September 19th, 2023, meeting.

Charles Duty, Board Secretary

Check History Report
Sorted By Check Number
Activity From: 8/1/2023 to 8/31/2023

Sacramento Yolo MVCD (SYC)

Bank Code: U US Bank

Check Number	Check Date	Vendor Number	Name	Check Amount	Check Type
056869	8/2/2023	0000492	Top Rank Heating Air Conditioning Inc	8,698.31	Auto
056870	8/7/2023	0000013	Airgas USA LLC	341.48	Auto
056871	8/7/2023	0000014	Alhambra & Sierra Springs	63.98	Auto
056872	8/7/2023	0000026	ArcSource	1,138.00	Auto
056873	8/7/2023	0000006	Azelis - Adapco Inc	162,286.29	Auto
056874	8/7/2023	0000037	Backflow Technologies Inc	327.29	Auto
056875	8/7/2023	0002541	Barnes Welding	2,194.22	Auto
056876	8/7/2023	0001011	Buckmaster Office Solutions	91.14	Auto
056877	8/7/2023	0002647	Christiansen Media	1,225.00	Auto
056878	8/7/2023	0000117	City of Woodland	367.24	Auto
056879	8/7/2023	0000119	Clarke Mosquito Control Products Inc	85,576.40	Auto
056880	8/7/2023	0002608	Cleanit Maintenance Systems LLC	2,995.00	Auto
056881	8/7/2023	0000128	Consolidated Communications	2,218.69	Auto
056882	8/7/2023	0000182	Elk Grove Ford	48.79	Auto
056883	8/7/2023	0000186	Elk Grove Water District	355.77	Auto
056884	8/7/2023	0000502	ES Opco USA LLC	84,402.45	Auto
056885	8/7/2023	0000198	Factory Motor Parts Co	320.02	Auto
056886	8/7/2023	0001233	Grow West	197.56	Auto
056887	8/7/2023	0000240	Hunt & Sons Inc	14,408.85	Auto
056888	8/7/2023	0000938	Jim Hesseltine's Tire Service, Inc.	263.03	Auto
056889	8/7/2023	0000277	Kimball Midwest	524.57	Auto
056890	8/7/2023	0001041	MacLeod Watts, Inc.	2,100.00	Auto
056891	8/7/2023	0000306	Maita Chevrolet	163.78	Auto
056892	8/7/2023	0000367	PG & E	200.76	Auto
056893	8/7/2023	0000388	Republic Services #922	356.16	Auto
056894	8/7/2023	0000562	RKL eSolutions, LLC	3,920.00	Auto
056895	8/7/2023	0000406	Sacramento Co Environmental Management Dept	2,274.00	Auto
056896	8/7/2023	0001465	Sacramento Control Systems, Inc.	39.70	Auto
056897	8/7/2023	0000427	Safety Kleen Corp	2,146.30	Auto
056898	8/7/2023	0000451	SMUD	5,534.01	Auto
056899	8/7/2023	0001234	T-Mobile	2,473.22	Auto
056900	8/7/2023	0000475	Target Specialty Products	527.30	Auto
056901	8/7/2023	0000483	UC Davis Regents	1,368.00	Auto
056902	8/7/2023	0002407	Valley Fire & Security	69.50	Auto
056903	8/7/2023	0000518	Vector Disease Control International	53,125.00	Auto
056904	8/7/2023	0000522	Verizon Wireless	3,038.10	Auto
056905	8/7/2023	0001471	Walker's Office Supply	432.21	Auto
056906	8/7/2023	0002352	Kingsley Bogard, LLP	15,338.48	Auto
056907	8/8/2023	0002428	Benefit Coordinators Corp.	9,542.90	Auto
056908	8/8/2023	0000267	Kaiser Foundation Health Plan	49,052.23	Auto
056909	8/8/2023	0000957	Sutter Health Plus	9,191.86	Auto
056910	8/8/2023	0002648	Alliant Insurance Services, Inc. - Irvine Main	460.18	Auto
056911	8/11/2023	0000043	Benefit Coordinators Corporation	3,589.43	Auto
056912	8/14/2023	0000531	Western Health Advantage	6,453.14	Auto
056913	8/14/2023	0000531	Western Health Advantage	1,088.41	Auto
056914	8/14/2023	0000504	US Bank	32,314.69	Auto
056915	8/15/2023	0000518	Vector Disease Control International	53,125.00	Auto
056916	8/18/2023	0000013	Airgas USA LLC	79.81	Auto
056917	8/18/2023	0002425	Aleshire & Wynder, LLP	345.00	Auto
056918	8/18/2023	0000034	AutoZone Inc	4,002.37	Auto
056919	8/18/2023	0000006	Azelis - Adapco Inc	195,007.37	Auto
056920	8/18/2023	0000037	Backflow Technologies Inc	219.00	Auto
056921	8/18/2023	0002541	Barnes Welding	2,418.20	Auto
056922	8/18/2023	0000038	Bartkiewicz Kronick & Shanahan	2,696.54	Auto

Check History Report
Sorted By Check Number
Activity From: 8/1/2023 to 8/31/2023

Sacramento Yolo MVCD (SYC)

Bank Code: U US Bank

Check Number	Check Date	Vendor Number	Name	Check Amount	Check Type
056923	8/18/2023	0001011	Buckmaster Office Solutions	250.12	Auto
056924	8/18/2023	0001019	Cintas Corporation	3,128.48	Auto
056925	8/18/2023	0000958	GreatAmerica Financial Services	376.28	Auto
056926	8/18/2023	0000938	Jim Hesseltine's Tire Service, Inc.	20.24	Auto
056927	8/18/2023	0000299	Luken Benjamin Associates	3,350.00	Auto
056928	8/18/2023	0000356	OReilly Automotive Stores Inc	2,087.92	Auto
056929	8/18/2023	0000367	PG & E	1,437.45	Auto
056930	8/18/2023	0000369	Pioneer Equipment	2,000.00	Auto
056931	8/18/2023	0002637	Quench USA, Inc.	1,451.82	Auto
056932	8/18/2023	0000562	RKL eSolutions, LLC	3,685.00	Auto
056933	8/18/2023	0000413	Sacramento County Utilities	960.54	Auto
056934	8/18/2023	0000427	Safety Kleen Corp	4,581.74	Auto
056935	8/18/2023	0000442	Sheldon Feed & Supply	509.00	Auto
056936	8/18/2023	0000454	Spark Creative Design	314.06	Auto
056937	8/18/2023	0000461	Stericycle Inc	94.67	Auto
056938	8/18/2023	0000475	Target Specialty Products	78,372.49	Auto
056939	8/18/2023	0002614	Volt Energy	2,215.00	Auto
056940	8/18/2023	0000529	Waste Management	247.93	Auto
056941	8/29/2023	0000014	Alhambra & Sierra Springs	99.98	Auto
056942	8/29/2023	0000006	Azelis - Adapco Inc	211,774.71	Auto
056943	8/29/2023	0002541	Barnes Welding	1,205.39	Auto
056944	8/29/2023	0001011	Buckmaster Office Solutions	111.14	Auto
056945	8/29/2023	0001030	California Steam	267.71	Auto
056946	8/29/2023	0000119	Clarke Mosquito Control Products Inc	82,412.80	Auto
056947	8/29/2023	0000168	Dignity Health Med Fdtn-Sacramento	72.00	Auto
056948	8/29/2023	0000502	ES Opco USA LLC	86,456.88	Auto
056949	8/29/2023	0000199	Farm Air Flying Service	95,837.80	Auto
056950	8/29/2023	0001233	Grow West	19.83	Auto
056951	8/29/2023	0000240	Hunt & Sons Inc	10,193.49	Auto
056952	8/29/2023	0002629	Kunz Engineering, Inc.	7,005.59	Auto
056953	8/29/2023	0000293	Life Technologies Corporation	20,380.02	Auto
056954	8/29/2023	0000367	PG & E	1,978.08	Auto
056955	8/29/2023	0002649	Ramsey Engineering Construction	1,200.00	Auto
056956	8/29/2023	0000427	Safety Kleen Corp	1,354.53	Auto
056957	8/29/2023	0000454	Spark Creative Design	259.69	Auto
056958	8/29/2023	0001234	T-Mobile	2,444.59	Auto
056959	8/29/2023	0000475	Target Specialty Products	2,373.08	Auto
056960	8/29/2023	0000515	Valley Tire Center	26.00	Auto
056961	8/29/2023	0000518	Vector Disease Control International	34,534.65	Auto
056962	8/29/2023	0000522	Verizon Wireless	3,071.38	Auto
056963	8/31/2023	0000084	CA State Disbursement Unit	350.00	Auto
056964	8/31/2023	0000209	Franchise Tax Board Court Ordered Debt Collections	180.00	Auto
056965	8/31/2023	0000388	Republic Services #922	356.16	Auto
056966	8/31/2023	0002599	Stanley Roberts	597.59	Auto
056967	8/31/2023	0000043	Benefit Coordinators Corporation	3,633.18	Auto
056968	8/31/2023	0001035	Operating Engineers Local Union No. 3	1,088.00	Auto
W00367	8/3/2023	0000087	CalPERS Financial Reporting & Accounting Services	98,844.92	Wire Transfer
W00368	8/1/2023	0000086	CalPERS 457 Plan	17,929.43	Wire Transfer
W00369	8/31/2023	0000176	EDD	20,927.91	Wire Transfer
W00370	8/31/2023	0000511	US Treasury Internal Revenue Service	81,920.82	Wire Transfer
W00371	8/31/2023	0000086	CalPERS 457 Plan	17,481.84	Wire Transfer
W00372	8/31/2023	0000087	CalPERS Financial Reporting & Accounting Services	98,364.90	Wire Transfer
W00375	8/1/2023	0000339	Nationwide Retirement Solutions	3,925.00	Wire Transfer
W00376	8/1/2023	0000339	Nationwide Retirement Solutions	2,300.00	Wire Transfer

Check History Report
Sorted By Check Number
Activity From: 8/1/2023 to 8/31/2023

Sacramento Yolo MVCD (SYC)

Bank Code: U US Bank

Check Number	Check Date	Vendor Number	Name	Check Amount	Check Type
				Bank U Total:	<u>1,846,798.56</u>
				Report Total:	<u><u>1,846,798.56</u></u>

I hereby authorize the use of my signature plate on
the above-listed warrants, 056869-056968, and EFTs

Signature

Date

Marcia Mooney, President of the Board

Sacramento/Yolo M.V.C.D.
STATEMENT OF OPERATION

	<i>2Months Ended August31 2023</i>	<i>Annual Budget</i>	<i>Unused</i>
Revenue			
REVENUE	\$ 900,033.79	\$ 19,597,455.00	\$ 18,697,421.21
TOTAL Revenue	<u>\$ 900,033.79</u>	<u>\$ 19,597,455.00</u>	<u>\$ 18,697,421.21</u>
Expenditures			
SALARIES/BENEFITS/WC			
SALARIES/BENEFITS/WC	\$ 1,547,115.91	\$ 11,740,688.16	\$ 10,193,572.25
TOTAL Salaries	<u>\$ 1,547,115.91</u>	<u>\$ 11,740,688.16</u>	<u>\$ 10,193,572.25</u>
OPERATIONAL			
LIABILITY INSURANCE	\$ 289,430.18	\$ 288,498.96	\$ (931.22)
AUDITING/FISCAL	0.00	24,999.96	24,999.96
COMMUNICATIONS	15,654.22	220,000.08	204,345.86
PUBLIC INFORMATION	4,257.56	611,000.04	606,742.48
STRUCTURE & GROUNDS	25,999.05	71,000.04	45,000.99
MEMBER/TRAINING	41,005.80	159,999.96	118,994.16
DISTRICT OFFICE EXPENSES	1,901.25	24,999.96	23,098.71
PROFESSIONAL SERVICES	26,954.77	332,000.04	305,045.27
MATERIALS & SUPPLIES	5,289.15	23,500.08	18,210.93
RENTS & LEASES - Admin	1,360.75	12,000.00	10,639.25
SAFETY PROGRAM	0.00	5,000.04	5,000.04
UTILITIES	12,769.34	140,000.04	127,230.70
AIRCRAFT SERVICES	378,450.32	1,128,999.96	750,549.64
ECOLOGICAL MANAGEMENT	2,052.83	20,499.96	18,447.13
MICROBIAL	194,543.11	1,149,999.96	955,456.85
INSECT GROWTH REGULATOR	327,391.08	1,200,000.00	872,608.92
INSECTICIDES	635,583.26	750,000.00	114,416.74
FISHERIES	971.08	41,000.04	40,028.96
GEOGRAPHIC INFO SYSTEMS	0.00	9,000.00	9,000.00
INFORMATION TECHNOLOGY	6,233.35	120,000.00	113,766.65
CONTROL OPERATIONS	1,374.82	69,999.96	68,625.14
VEHICLE PARTS/LABOR	24,612.57	145,000.08	120,387.51
LAB SERVICES	44,972.69	230,000.04	185,027.35
GAS & PETROLEUM	41,761.08	249,999.96	208,238.88
TOTAL Total Operational	<u>\$ 2,082,568.26</u>	<u>\$ 7,027,499.16</u>	<u>\$ 4,944,930.90</u>
CAPITAL OUTLAY			
GAIN ON SALE OF EQUIPMENT	\$ -	\$ 30,000.00	\$ 30,000.00
CAPITAL OUTLAY	11,290.83	192,999.96	181,709.13
EQUIPMENT REPLACEMENT	0.00	600,000.00	600,000.00
RESEARCH FUND	0.00	75,000.00	75,000.00
BUILDING IMPROVEMENT	0.00	735,000.00	735,000.00
TOTAL Total Capital Outlay	<u>\$ 11,290.83</u>	<u>\$ 1,632,999.96</u>	<u>\$ 1,621,709.13</u>



Sacramento-Yolo
MOSQUITO & VECTOR
CONTROL DISTRICT

SACRAMENTO COUNTY

8631 Bond Road
Elk Grove, CA 95624

(800) 429-1022
www.FIGHTtheBITE.net

Gary Goodman
General Manager

2022 Board of Trustees

Marcia Mooney
President, Galt

Gar House
Vice President, Winters

Sean Denny
Secretary, Woodland

Christopher Barker
Davis

Craig R. Burnett
Folsom

Janell Darroch
West Sacramento

Charles Duty
Sacramento County

Bruce Eldridge
Yolo County

Lyndon Hawkins
Elk Grove

Jayna Karpinski-Costa
Citrus Heights

Raymond LaTorre
Sacramento

Robert J. McGarvey
Rancho Cordova

Staci Gardiner
Isleton

**Sacramento-Yolo Mosquito and Vector Control District
Investment Report**

The District investment policy authorizes District funds and monies to be invested in only one or a combination of the following institutions and investment types:

- A. Yolo County Treasurer Investment Pool
- B. State Treasurer's Local Agency Investment Fund (L.A.I.F.)
- C. Member and Property Contingency Fund deposits with the Vector Control Joint Powers Agency (VCJPA)
- D. Prefunding of Other Post-Employment Benefits (OPEB) through California Public Employer's Retiree Benefit Trust Program (CERBT)

As the District receives revenue from taxes and other resources the funds are deposited with the Yolo County Treasurer. The following is the interest earnings, fund balances, and investments of the District for the quarter ending **June 30, 2023**.

Institution		Earnings	Total as of 6/30/2023
Yolo County Treasurer Investment Pool	3.269%*	\$23,209.43	\$1,157,009.31
L.A.I.F.	3.15%	\$106,574.21	\$17,300,217.08
VCJPA-Member Contingency Fund	2.20%	(\$5,507.00)	\$1,699,616.00
CERBT-Strategy 3		\$13,301.33	\$2,049,789.77
		District Total:	\$22,206,632.16

*Rates are reflected as annualized earning rates



County of Yolo

www.yolocounty.org

TOM HAYNES
Interim Chief Financial Officer

DEPARTMENT OF FINANCIAL SERVICES

625 Court Street, Room 102

PO BOX 1268

WOODLAND, CA 95776

PHONE: (530) 666-8190

FAX: (530) 666-8215

EMAIL: DFS@yolocounty.org

- Financial Leadership
- Budget & Financial Planning
- Treasury & Finance
- Tax & Revenue Collection

- Financial Systems Oversight
- Accounting & Financial Reporting
- Internal Audit

August 28, 2023

Mr. Gary Goodman
Sacramento-Yolo Mosquito Abatement District
8631 Bond Road
Elk Grove, CA 95624

Dear Mr. Goodman:

Listed below for your information and that of the Board of Directors, is data pertaining to interest earnings, fund balances and investments of the District for the quarter ended June 30, 2023. The Yolo County Treasurer's Investment Report is available electronically. Should you or the Board wish additional information or have any questions, please let me know.

<u>PERIOD</u>	<u>YOLO COUNTY</u>	<u>LAIF</u>	<u>EARNINGS</u>
Quarter ending June 30, 2023:	3.269%*		\$ 23,209.43
Quarter ending June 30, 2023:		3.15%	\$ 106,574.21

Placement of Funds as of June 30:

Yolo County Treasurer's Pool (Fund 7245)	\$ 1,157,009.31
Flexible Spending Account	24,932.86
LAIF	<u>17,300,217.08</u>
Total	\$ 18,482,159.25

*Rates are reflected above as annualized earning rates.

Sincerely,

Sou Xiong
Accounting Manager

ASSURANCE OF ACCOUNTABILITY



Vector Control Joint Powers Agency

Member Contingency Fund

For the Quarter Ended
June 30, 2023

Member District	Balance at Beginning of Quarter	Contribution	(Withdrawals)	Interest Earned	Allocated Admin.	Balance at End of Quarter
Alameda County	353,832			(1,135)	(8)	352,689
Burney Basin	34,889			(112)	(1)	34,776
Butte County	342,327			(1,098)	(8)	341,221
Coachella Valley	905,776			(2,905)	(20)	902,851
Coalinga-Huron	7,779			(25)	0	7,754
Colusa	90,279			(290)	(2)	89,987
Compton Creek	66,772			(214)	(1)	66,557
Consolidated	410,464			(1,317)	(9)	409,138
Contra Costa	1,234,916		(436)	(3,960)	(27)	1,230,493
Durham	4,564	190		(15)	0	4,739
Fresno	213,983			(686)	(5)	213,292
Glenn County	41,266			(132)	(1)	41,133
Greater Los Angeles County	1,583,492			(5,081)	(35)	1,578,376
Lake County	140,585			(451)	(3)	140,131
Los Angeles County West	717,467			(2,301)	(16)	715,150
Marin-Sonoma	813,972			(2,611)	(18)	811,343
Monterey County	22,146			(71)	0	22,075
Napa County	1,303,991			(4,182)	(29)	1,299,780
Northwest	260,440			(835)	(6)	259,599
Orange County	541,008			(1,735)	(12)	539,261
Oroville *	0			0	0	0
Pine Grove	32,250			(103)	(1)	32,146
Placer	240,828			(772)	(5)	240,051
Sacramento-Yolo	1,705,123			(5,469)	(38)	1,699,616
San Gabriel Valley	128,168		(18,323)	(382)	(3)	109,460
San Joaquin County	452,907	270,851		(1,887)	(13)	721,858
San Mateo County	479,266			(1,537)	(11)	477,718
Santa Barbara County	81,093			(260)	(2)	80,831
Shasta	248,846			(798)	(6)	248,042
Sutter-Yuba	282,289			(905)	(6)	281,378
Tehama County	267,698			(859)	(6)	266,833
Turlock	37,552			(120)	(1)	37,431
West Valley	311,540			(999)	(7)	310,534
Total	13,357,507	271,041	(18,759)	(43,247)	(300)	13,566,242

Notes:

Yield to maturity rate on the VCJPA portfolio is 2.20% as of the above date. As required by GASB 31, the allocated interest shown also reflects market value changes to the securities held in the portfolio. Therefore, the actual interest allocated to this fund, and all program year funds, may or may not equal the yield to maturity rate from quarter to quarter. However, the average overall allocated interest, over the life of this fund, should provide a close approximation.

* Oroville MCF balance of \$11,063 as of September 30, 2022 was transferred to Butte County MCF at December 31, 2022.

Sacramento-Yolo Mosquito & Vector Control District

CERBT Strategy 3

Entity #: SKB8-1375523307

Quarter Ended June 30, 2023



Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$2,036,919.86	\$2,018,934.87
Contribution	0.00	0.00
Disbursement	0.00	0.00
Transfer In	0.00	0.00
Transfer Out	0.00	0.00
Investment Earnings	13,301.33	32,560.37
Administrative Expenses	(249.19)	(985.17)
Investment Expense	(182.23)	(720.30)
Other	0.00	0.00
Ending Balance	\$2,049,789.77	\$2,049,789.77
FY End Contrib per GASB 74 Para 22	0.00	0.00
FY End Disbursement Accrual	0.00	0.00
Grand Total	\$2,049,789.77	\$2,049,789.77

Unit Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Units	123,845.370	123,845.370
Unit Purchases from Contributions	0.000	0.000
Unit Sales for Withdrawals	0.000	0.000
Unit Transfer In	0.000	0.000
Unit Transfer Out	0.000	0.000
Ending Units	123,845.370	123,845.370
Period Beginning Unit Value	16.447282	16.302060
Period Ending Unit Value	16.551201	16.551201

Please note the Grand Total is your actual fund account balance at the end of the period, including all contributions per GASB 74 paragraph 22 and accrued disbursements. Please review your statement promptly. All information contained in your statement will be considered true and accurate unless you contact us within 30 days of receipt of this statement. If you have questions about the validity of this information, please contact CERBT4U@calpers.ca.gov.

Resolution No. 09-19-2023

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
SACRAMENTO-YOLO MOSQUITO AND VECTOR CONTROL DISTRICT
HONORING *TOM PRICE*
FOR HIS 14 YEARS OF SERVICE**

WHEREAS, on this nineteenth day of September, two thousand twenty-three, **TOM PRICE** is honored for his 14 years of service with the Sacramento-Yolo Mosquito and Vector Control District; and

WHEREAS, TOM PRICE started his career with the District in 2009 working as the Shop Supervisor.

WHEREAS, TOM PRICE was instrumental in ensuring that the fleet of vehicles was maintained and safe for operation. Tom played a significant role in enhancing various aspects of our vehicles, making substantial contributions across all departments, spanning from electrical work to the development of new surveillance devices. His experience and knowledge will be missed here at the District.

WHEREAS, TOM PRICE has decided to retire after 14 years of service with the District.

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District expresses congratulations and sincere gratitude to **TOM PRICE** for 14 years of service with the Sacramento-Yolo Mosquito and Vector Control District and wishes him continued success in his future endeavors.

PASSED AND ADOPTED by the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District on the 19TH day of September 2023 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

By: _____
Marcia Mooney, Board President

Sacramento-Yolo Mosquito and Vector Control District

September 19, 2023 Board Meeting

3. Reports to the Board

a. Manager's Report

b. Reports from District Departments

- **Lab/Surveillance (Sarah Wheeler)**
- **Ecological Management (Kevin Combo)**
- **Biological Control (Kenny Harris)**
- **Larval and Adult Control (Marty Scholl)**
- **Public Outreach (Luz Maria Robles)**

a. Manager's Report

The District's West Nile season has been very busy and we are starting to see a slow down in activity, but we are still detecting quite a bit of virus. We have also found St. Louis Encephalitis in two mosquito collections this year, just outside of Woodland. We continue to follow the District's Mosquito Borne Disease Management Plan with enhanced surveillance and control efforts in response to positive dead birds or positive mosquito collections.

The rice fields are starting to drain and we anticipate more Anopheles in our traps moving forward. The District is still finding invasive mosquitoes in various areas throughout the District and are conducting wide area larviciding in neighborhoods to try and lower their abundance along with intensive door to door inspections.

The District has received the CalPERS valuations that highlight our unfunded liability and we have scheduled a meeting with their staff to discuss.

The District audit is scheduled to begin in December due to the availability of our auditors.

b. Reports from District Departments

- **Lab/Surveillance (Sarah Wheeler)**
- **Ecological Management (Kevin Combo)**
- **Biological Control (Kenny Harris)**
- **Larval and Adult Control (Marty Scholl)**
- **Public Outreach (Luz Maria Robles)**

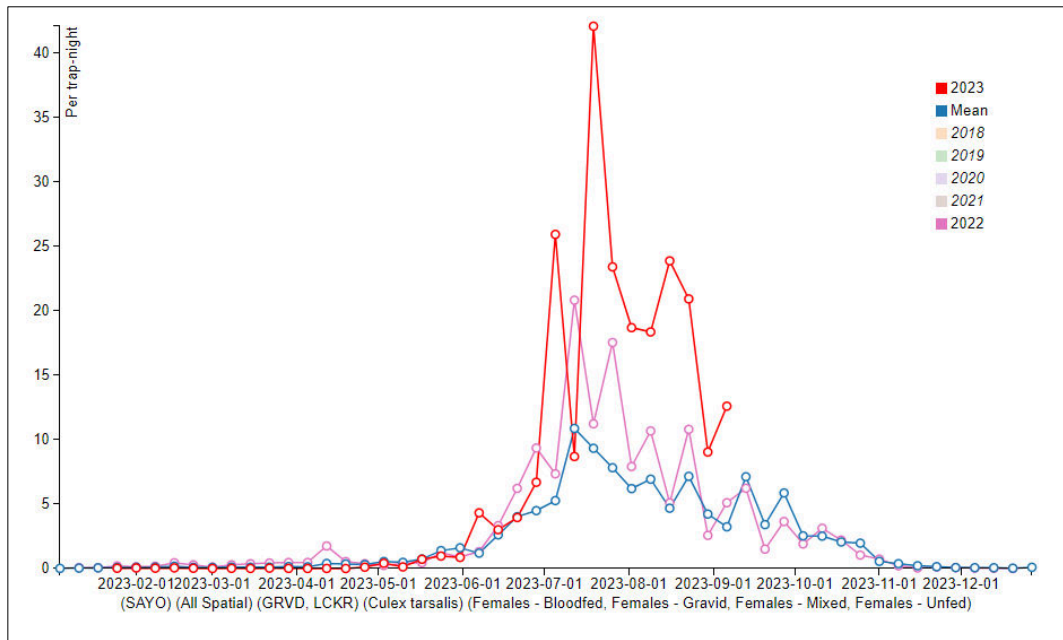
LABORATORY Monthly Report September 2023 Board Meeting

Insectary:

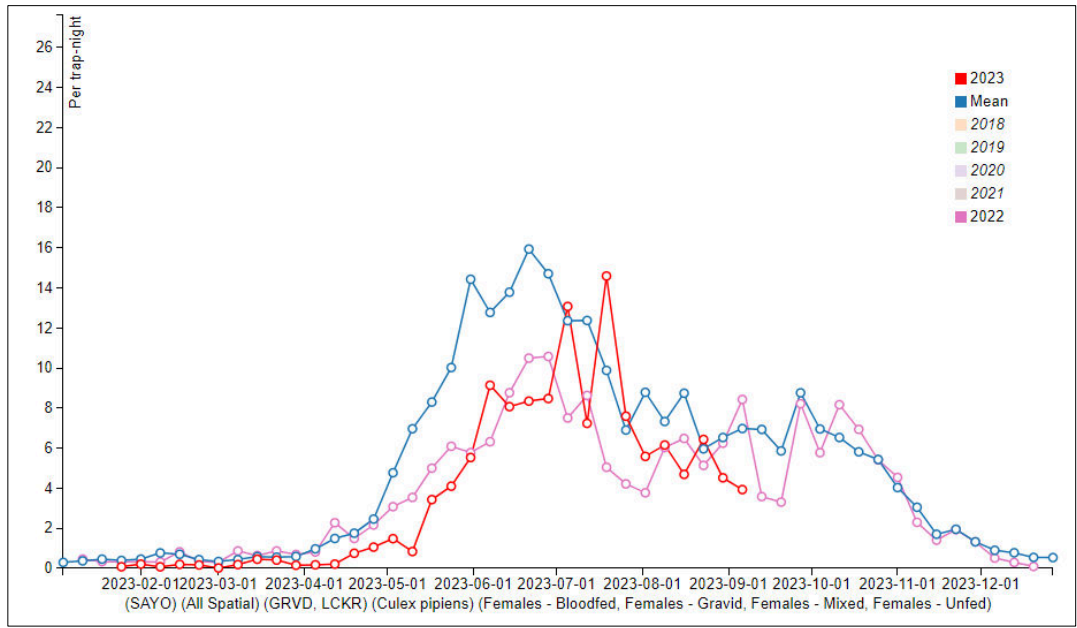
Species	Name	Origin	Resistance Status
<i>Culex tarsalis</i>	KNWR	Kern National Wildlife Refuge (2009)	susceptible
<i>Culex quinquefasciatus</i>	CQ1	Merced, CA (1950s)	susceptible
<i>Culex pipiens</i>	WCP	Woodland, CA (2017)	resistant: pyrethrins/pyrethroids, methoprene, and spinosad
<i>Culex tarsalis</i>	VFCT	Vic Fazio Yolo Wildlife Area (2020)	resistant: pyrethrins/pyrethroids
<i>Culex pipiens</i>		Elk Grove (2022)	status under investigation
<i>Aedes sierrensis</i>		Sonoma County (2016)	susceptible

2023 Surveillance update through 9/8/2023

Weekly mosquito collections – The following graphs show overall *Culex tarsalis* and *Culex pipiens* abundance from gravid traps and locker traps placed in permanent locations throughout Sacramento and Yolo Counties.

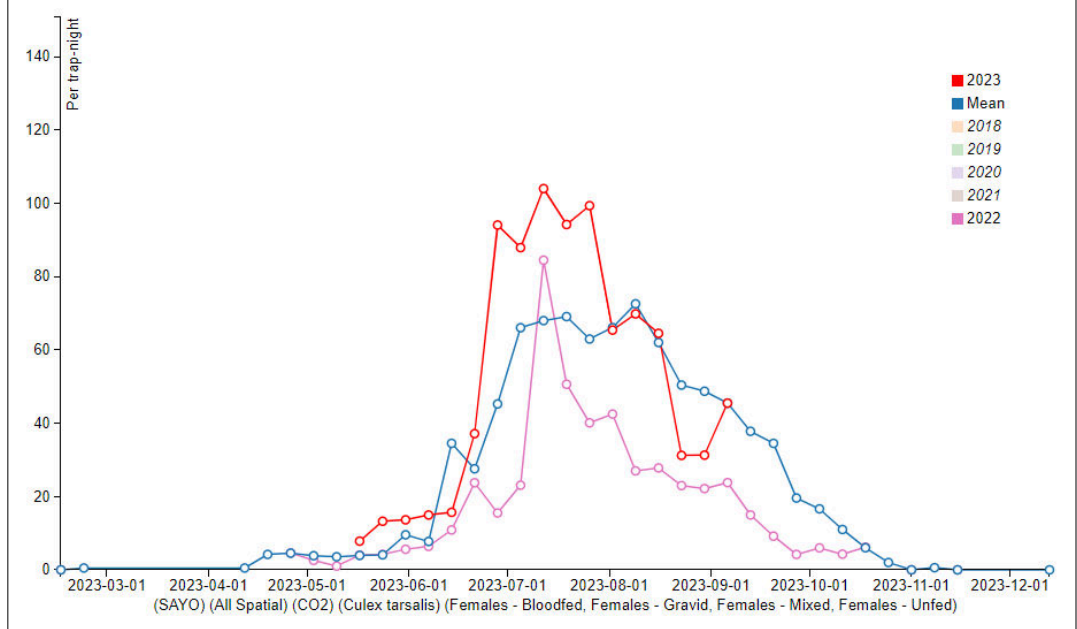


Weekly *Culex tarsalis* abundance traps in locker and gravid traps.

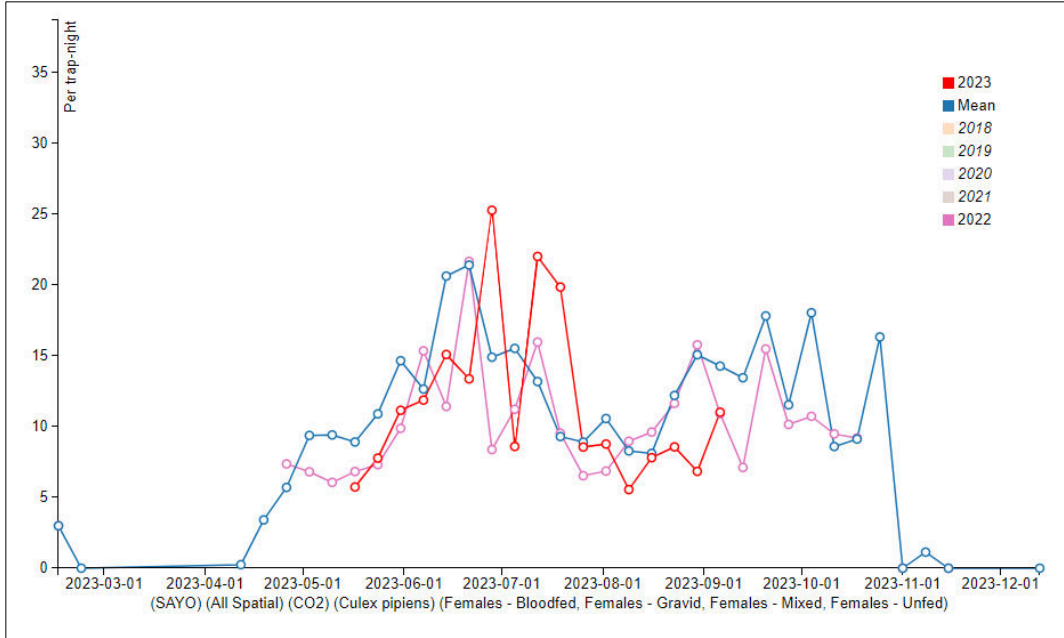


Weekly *Culex pipiens* abundance traps in locker and gravid traps.

Encephalitis Vector Surveillance (EVS) – The following graphs show the number of *Culex tarsalis* and *Culex pipiens* that were collected in CO₂-baited EVS traps that were set in established and response locations throughout Sacramento and Yolo Counties. *Culex tarsalis* and *Culex pipiens* were tested for West Nile (WNV), western equine encephalitis (WEEV), and Saint Louis encephalitis viruses (SLEV).

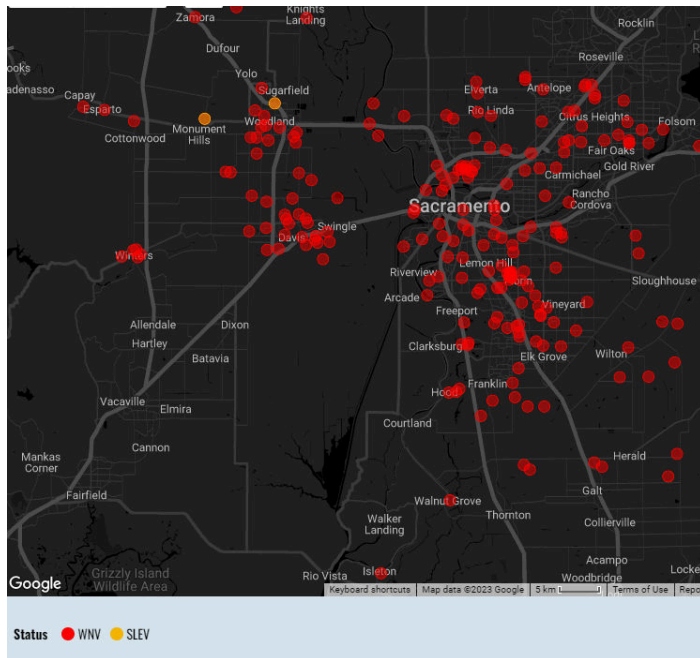


Female *Culex tarsalis* collected in EVS traps

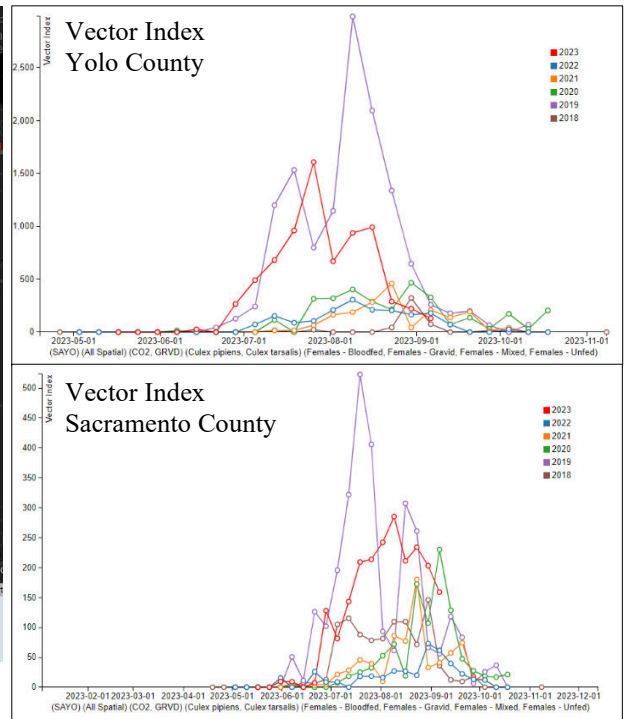


Female *Culex pipiens* collected in EVS traps

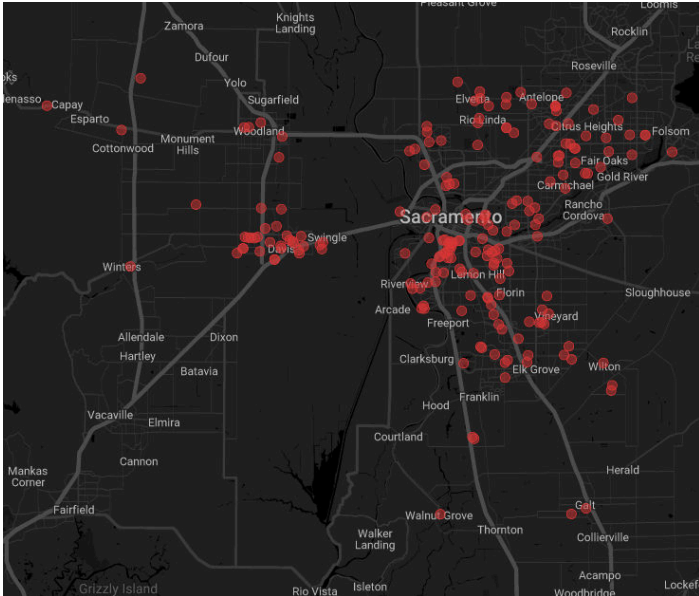
Mosquito-borne virus testing – Thus far 6,599 pools of *Culex tarsalis* and *Culex pipiens* were tested for WNV, WEEV, and SLEV. Of the tested pools there were 323 and 281 WNV-positive pools collected in Sacramento and Yolo Counties, respectively. Additionally, 2 pools of *Culex tarsalis* from Yolo County were positive for SLEV. Vector index is used as a proxy for human disease risk. It is calculated by multiplying the average number of vectors per trap night by the WNV infection rate. County-wide vector index numbers for 2023 were markedly higher in both counties than the previous five years, aside from 2019 which peaked higher than 2023.



2023 positive pool collection locations



Dead birds – To date, 508 dead birds were collected and tested for WNV, SLEEV, and WEEV. Overall, 214 birds tested positive for WNV (Sacramento County: 172, Yolo County: 47).



2023 WNV-positive dead bird collection locations

Sentinel chickens – Sentinel chickens were deployed to five sites in Sacramento (Isleton, Sacramento, and Rancho Murieta) and Yolo (Dunnigan and Knight’s Landing) counties. Testing results are below.

Flock location	County	Flock size	WNV seroconversions	Date of first seroconversion
Isleton	Sacramento	5	5	8/3/2023
Sacramento	Sacramento	5	0	
Rancho Murieta	Sacramento	5	0	
Knights Landing	Yolo	5	2	8/14/2023
Dunnigan	Yolo	5	4	7/31/2023

Rice Surveillance – Counter traps were deployed to Conaway, Vic Fazio, Winters, Natomas, and District 108 rice fields. These traps provide real-time mosquito abundance data, allowing for remote monitoring of rice field mosquito populations.

Human disease response surveillance – As of 9/8/2023 there were ten confirmed human cases of WNV in Sacramento County, and eight cases in Yolo County. Additionally, three human cases of Malaria were reported in Sacramento County. *Anopheles freeborni*, a competent malaria vector, was collected in the vicinity of one the malaria cases. Three samples were tested for Malaria sporozoite antigen, all were negative.

Tick surveillance – Tick surveillance is complete for the spring 2023 season and will resume in November 2023.

Aedes aegypti trapping effort in Sacramento and Yolo Counties – Surveillance for *Aedes aegypti* and *Aedes albopictus* continues, the program is focused both on monitoring known populations and identifying emerging areas of activity. Both species are active in Sacramento County. The following table shows the cumulative 2023 trapping effort and detections of *Aedes aegypti* and *Aedes albopictus* in Sacramento and Yolo Counties.

City	County	Trap nights	Total males and females collected	
			<i>Aedes aegypti</i>	<i>Aedes albopictus</i>
Antelope	Sacramento	8		
Carmichael	Sacramento	76	2	36
Citrus Heights	Sacramento	63		
Elk Grove	Sacramento	95	10	
Elverta	Sacramento	7		
Fair Oaks	Sacramento	27		
Folsom	Sacramento	5		
Galt	Sacramento	30		
Gold River	Sacramento	4		
Mather	Sacramento	2		
North Highlands	Sacramento	7		
Orangevale	Sacramento	17		
Rancho Cordova	Sacramento	32	1	
Rio Linda	Sacramento	23		
Sacramento	Sacramento	804	964	22
Davis	Yolo	39		
West Sacramento	Yolo	44	37	
Winters	Yolo	194	69	
Woodland	Yolo	48		

The California Arbovirus Surveillance Bulletin #22 Week 36 Friday, September 8, 2023

2022 & 2023 YTD West Nile Virus Comparisons		
	2022	2023
Total No. Dead Bird Reports	3,764	4,939
No. Positive Counties	28	39
No. Human Cases	41	98
No. Positive Dead Birds / No. Tested	126 / 1,025	502 / 1,441
No. Positive Mosquito Pools / No. Tested	2,399 / 29,497	3,455 / 38,551
No. Seroconversions / No. Tested	84 / 3,829	132 / 2,893

YTD WNV Activity by Element and County, 2023					
County	Humans*	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			17	6	3
Butte	14	1		65	30
Calaveras					2
Colusa			2	2	2
Contra Costa	1		34	11	5
El Dorado	1		1		
Fresno		1	1	183	
Glenn	3				1
Imperial				3	
Inyo				2	
Kern	2	2		88	
Kings	3	1		47	
Lake	4		3	22	
Los Angeles	7		21	313	3
Madera	1	1	1	177	
Merced	2	1		36	22
Napa		1	2	4	
Nevada			1		2
Orange	1	1		46	
Placer	2		41	170	
Riverside	3		46	53	
Sacramento	10	2	169	307	5
San Benito					3
San Bernardino	9	1	10	122	
San Diego			1		
San Joaquin	6	1	18	553	
San Luis Obispo		2			
San Mateo			2		
Santa Clara	1	1	51	13	
Shasta	1		1	119	4
Solano			11	24	9
Sonoma			5		
Stanislaus	3	2	5	240	
Sutter	3		6	63	17
Tehama					4
Tulare	10	1	5	480	10
Ventura			3		
Yolo	8		45	280	4
Yuba	3	1		25	7
Totals	98	20	502	3,455	132

*Asymptomatic human infections are not included.

ECOLOGICAL MANAGEMENT DEPARTMENT

September 2023 Board Update

Overview

Ecological Management is coordinating with Urban Control operations and Catch Basin (CB) staff to develop Best Management Practices (BMP's) that can be employed in urban and residential areas. Ideas that came out of the meeting with Urban Control operations and CB staff identified that field staff rely heavily on educational materials and behavioral modification of the residents performing mosquito control around their own properties. Staff will work on developing short DIY videos that are available to the public addressing how to maintain potential residential mosquito sites such as “drilling holes in non-draining containers, how to properly scrub water features to eliminate invasive mosquito eggs. etc.”. Staff will consult with Ryan Wagner to develop some videos that can be shared with residents.

Ecological Management Projects

Serra (Elk Grove)

The Serra property is a managed wetland complex that is located southeast of the City of Elk Grove. This wetland complex is primarily used for waterfowl habitat and for waterfowl hunting. Control Technicians reported that approximately 50 acres of wetland habitat was flooded due to erosion of the banks of Stone Lake and damage caused by beaver (*Castor canadensis*). The beaver made slides into the wetland complex that allowed water to backflow unintentionally back into the wetland complex, creating a potential significant mosquito breeding site. Ecological Management staff repaired the banks and filled in the slides to stop the backflow of water. This project will allow the ponds to drain and evaporate any standing water that is in the ponded areas reducing or eliminating any treatments that would be required if the water were to remain.



Cache Creek- (Yolo County)

Cache Creek detention basin is located northwest of Wild Wings Golf Course and the Yolo Fliers Club in Yolo County. This detention basin collects seepage water from the concrete lined agricultural drain that borders the golf course and the adjacent orchard. Yolo Control Operations staff submitted this project to gain access to the detention basin that historically produces *Cx. tarsalis* populations in close proximity to the golf course and housing developments. Due to the emergent vegetation and lack of access, staff currently apply residual granular larvicides to control larval populations. Ecological Management staff utilized the track loader with the brush cutting implement to gain access for the technician. The result of this project allows Control Operations to access the detention basin to plant mosquitofish (*Gambusia affinis*) and apply a single brood liquid larvicide when warranted.



Wetland/Fall Flooding Program

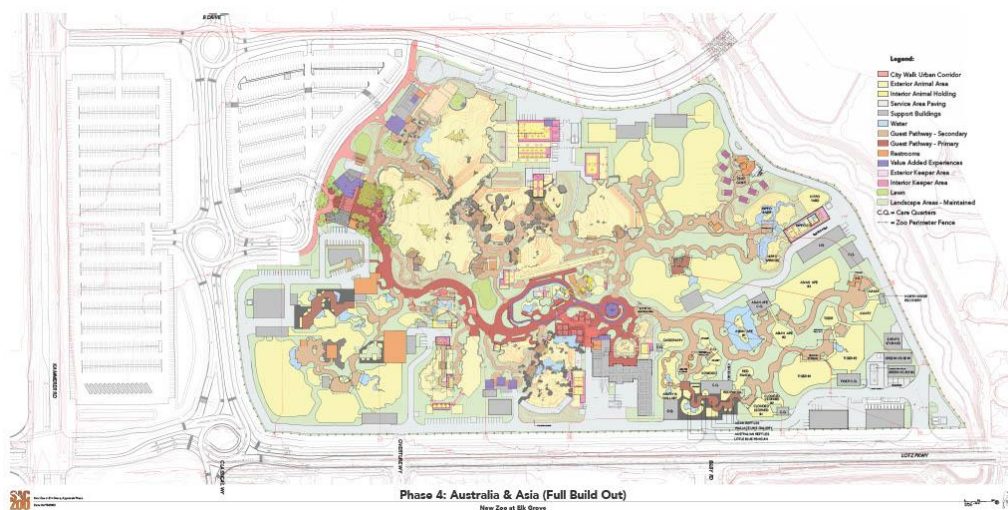
Staff met virtually with the Yolo Bypass wetland managers/duck club representatives in conjunction with the Yolo Wildlife Area management to coordinate water deliveries and fall flood-up for the 2023 hunting season. Staff mailed the District’s annual Fall Flooding guidelines to all invested property owners and wetland managers. In response to the annual letter, the department has been receiving Fall Flooding plans and acreages of those wetlands that will be flooding early and is currently developing treatment plans for each individual club in coordination with the Program Manager. To date, approximately 405 acres of private wetland habitat and 1895 acres of state and federal wetlands will flood early to attract waterfowl at the start of the migration season.



Regulatory, Environmental and Planning Program-

Staff are in the process of reviewing and commenting on multiple planning projects that have been submitted to local Planning Dept.'s and Commissions. Although most of the projects submitted will not have a significant impact on District activities, staff have focused on a few of the larger projects.

The New Zoo(City of Elk Grove)- The New Zoo project proponents have submitted project routing forms to the City of Elk Grove Planning Dept. The project involves the development of a new zoological park that would include various facilities and buildings to be developed in four different phases starting in 2029 in southern Elk Grove. Staff attended a virtual meeting held by the project developer and the City of Elk Grove. Staff commented during the meeting that the developer and Project Proponent will need to address mosquito control activities, access for public health as the proposed project is in an agricultural area that historically has significant mosquito populations and West Nile Virus activity. Staff has submitted a response stating that it is anticipating a cooperative relationship with the awarded contractor during the construction phase of the project and with the project proponent that will allow the District to perform mosquito control activities during all phases of the planned project.



[Link to New Zoo Renderings Video](#)

https://www.youtube.com/watch?v=aJd077_anxk

City of Folsom-

- Parcel 61 Tentative parcel maps-*no cumulative effect to mosquito control activities*
- City of Folsom Subsequent Environmental Impact Report- *in the process of reviewing the documents*

City of Sacramento

- Silver Eagle 18 Project- Mitigated Neg. Declaration.- *Staff reviewed and will comment when more specific plans are submitted to the local planning department*

Yolo County-

- Four Corners Parcels- *Lot split, no comment needed at this time*

City of Rancho Cordova-

- Soil Born Farms- *no cumulative effect to mosquito control activities*
- Kilgore Commerce Center- *Responses to 2nd round of comment letters. No cumulative effect to mosquito control activities*

The Nature Conservancy-The Nature Conservancy (TNC) and the District held a meeting to discuss the BirdReturns program where they are offering landowners compensation for flooding their wetlands/rice early to support early migratory bird and shorebird habitat. Staff responded by giving them insight into our Fall Flooding Program (which they would be subject to) and presented them with various Best Management Practices (BMP's) that would assist in mitigating mosquito breeding in wetlands and rice fields. This follows the outline that we presented to Cal-Rice and TNC in their Bid4Birds project in 2014.

TNC also reached out to the District in regards to another program that would construct a 1000 acres of wetlands and another 1000 acres of rice on Staten Island for subsidence reversal and carbon sequestration. Although Staten Island is not within our District boundaries, the proximity of the proposed wetlands and rice may have an impact on mosquito populations in lower Sacramento County. Staff is currently working with other affected Mosquito Control Districts on a response to the proposed plan.



BIOLOGICAL CONTROL
Monthly Report for September 2023 Board Meeting

In August, the Fisheries Department's main focus continued to be our rice field stocking program, which came to a close on August 25th. Fisheries technicians were able to stock 2,283 lbs. of mosquito fish across 140 different rice fields, covering a total of 11,026 acres. This represented a nearly 1400-acre increase over last season's planted rice acreage. A majority of this rice was in the Conway Ranch, Winters, and Natomas areas of the district. Moving forward, the Fisheries Department is preparing for the fall flooding of wetlands. We work closely with the Ecological Management Department and field personnel, who maintain continuous communication with land management owners to forecast flood-up schedules. We believe most wetlands will become available for fish plants in late September or early October. This time of year, we also perform pond maintenance. This consists of selecting several ponds that need cleaning. We first drain the ponds and remove as much water and fish as possible. These fish are then restocked in our netted ponds to overwinter. Once the pond has dried, we remove all the sediment that has accumulated with a tractor and reset rocks as needed. The pond is then fertilized and refilled with water. Daily activities such as water quality testing and tank cleaning were continued to maintain high-quality fish. Fisheries truck and tank maintenance were also performed.

Log of Treatment Applied for August

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	1968.79 lbs	8389.8 Acres	326
Guppies (<i>Poecilia reticulata</i>)	.1 lbs	.005 Acres	1

Log of Treatment Applied for the year 2023

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish	2569.8 lbs	13080.5 Acres	2656
Guppies	.355 lbs	.028 Acres	6

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
41,000.00	8,613.71	31,829	21%



Left: Picture of techs seining last of the fish from a drained pond.



Right: Picture of a pond drying down.

CONTROL OPERATIONS

Monthly Report for September 2023 Board Meeting

Culex and West Nile Virus (WNV) Control

Control staff continue to respond to the numerous West Nile positive and high abundance areas with evening and morning fogging applications as weather conditions have allowed. Responses have included truck, quad, and backpack applications in both early morning and late evening fogging applications.

Service requests have increased due to high adult Anopheles numbers with the advent of shorter days, cooler nights and the start of rice draining and harvest.

Aerial Applications

The District continued to perform aerial adulticide applications over rice growing areas of both Sacramento and Yolo Counties including Winters, South Yolo County, District 108, and Natomas during the month of August. Treatment frequencies are anticipated to slow in September with cooler weather forecasted

In the first week of August the District performed two aerial urban adulticide applications over the cities of Davis and Woodland due to high WNV positive mosquito pools from both areas.

Rice and other agricultural areas continue to be treated with larvicides with increased frequencies in and around urban areas as the rice continues to be drained and reflooded. Leading Edge Aerial has also continued drone applications over irrigated wetland and smaller agricultural areas and is ready to treat fall flooded habitats.



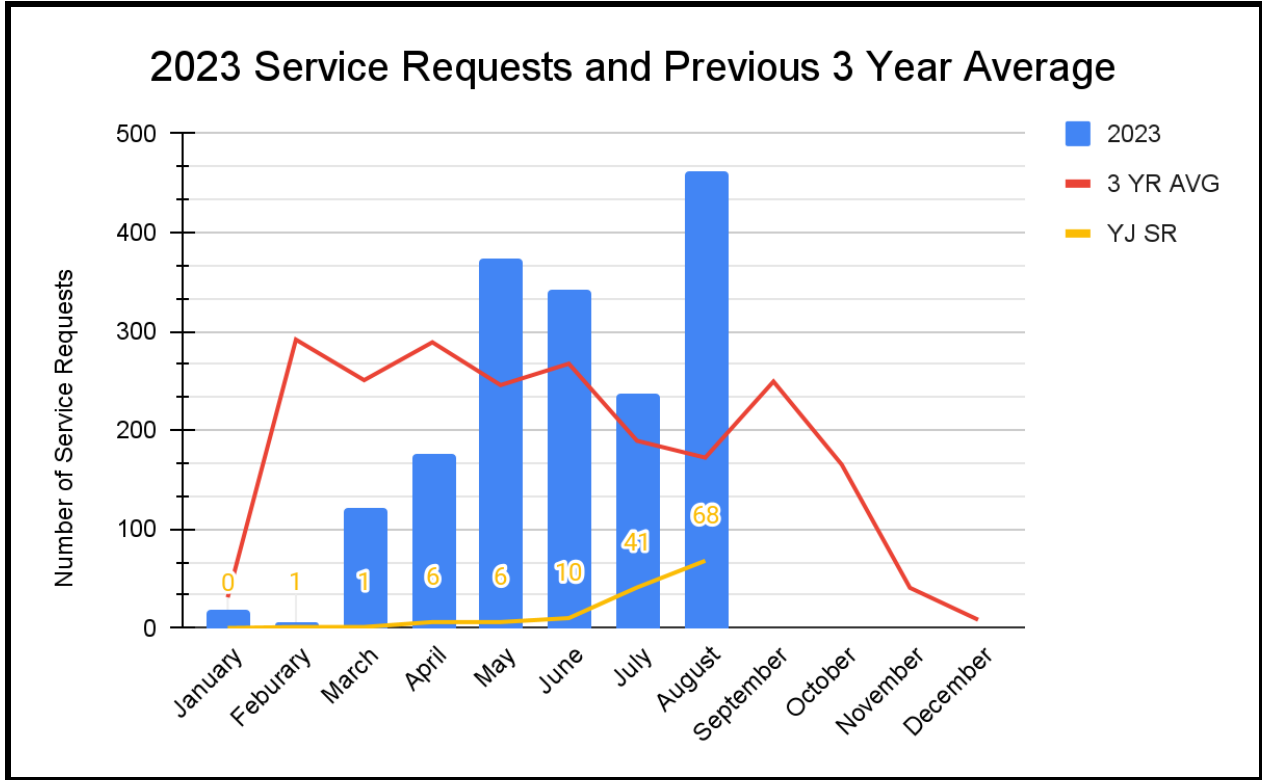
Yellow Jacket Control

Yellow Jacket trap numbers continue to rise as we approach the fall months. Sixteen nests were treated in the Hearld area with some additional requests in the Wilton community in the South Sacramento area. Adult worker trap numbers are also fifty percent higher in the North Sacramento zones as well.

Invasive Aedes Control

Invasive Aedes continue their urban push as we get into the fall months when we typically detect them in greater numbers. Recently *Aedes aegypti* have been found in the arrears of West Sacramento, Anatolia and Elk Grove. Staff perform backyard adult and larval control where detections are found. Wide Area Larviciding (WALS) treatments are performed in areas in the early morning hours where adult trap populations continue to rise.





Larvicide Applications thru August 31st				
<u>Locations/Roles</u>	<u>2023</u>		<u>2022</u>	
	<u>Treatments</u>	<u>Acres</u>	<u>Treatments</u>	<u>Acres</u>
Sacramento County		9,813.4	5,874	9,941
Sac County Aerial		22,630	23	18,995
Sac County Drone Treatments	11	1,149.19	38	1,459
Yolo County		2,169.17	1,067	3,227
Yolo County Aerial		94,406	35	68,124
Yolo County Drone Treatments	6	539.64	9	704
CB Treated	93,841	--	74,177	--
CB Inspected -not treated	89,740	--	111,253	--

Aerial Adulticide Summary thru August 31st				
	<u>2023</u>		<u>2022</u>	
<u>County</u>	<u># Applications</u>	<u>Acres</u>	<u># Applications</u>	<u>Acres</u>
Sacramento Ag	16	112,294	14	98,100
Sacramento Urban	0	0	0	0
Yolo Ag	81	498,374	17	303,291
Yolo Urban	4	46,584	0	0

Totals

Adulticide Summary through August 31, 2023

Compared to: 2022

Contract Acres (our portion) =	530,000	530,000
Acres used =	657,251	401,391
Acres remaining =	(-127,251)	(128,609)
% Acres used =	124%	75%
% Acres remaining =	0%	25%

San Joaquin County MVCD has used 188,530 acres of their 190,000 acre contract commitment.

Placer MVCD has used 113,940 acres of their 100,000 acre commitment.

Turlock MAD has used 140,153 acres of their 180,000 acre commitment.

Merced MAD had used 24,803 acres of their 75,000 acre commitment.

PUBLIC INFORMATION AND EDUCATION
Monthly Report for the September 2023 Board Meeting

Media Coverage:

In response to our ongoing West Nile virus (WNV) activity and the announcement of recent deaths related to WNV in both Sacramento and Yolo counties, we received significant media attention. Immediately after the press releases were issued by each local health department, we received media inquiries from ABC 10, Fox 40 and Telemundo. In addition to the television coverage, Capitol Public Radio did an in-depth story discussing both the intense WNV season and the spread of invasive mosquitoes to new areas. I also participated in a 20-minute public affairs program and a social media segment on Lazer Media. Lastly, the weekend before Labor Day, I participated in a live media interview on Studio 40 to discuss the intense mosquito season we have experienced, the recent deaths and to encourage residents to wear repellent during outdoor activities for the holiday.

Events:

The month of September is a very busy month with community outreach events. By the end of the month, we will have attended a total of 6 large events! Farm to Fork is one of the biggest and most successful events that we participate in throughout the season. This very popular event takes place in downtown Sacramento and draws thousands of attendees. It is a great event because we're able to reach out to a wide and very ethnically diverse audience that is interested in our program. Other events where we will have a presence include Mexican Independence Day at the capitol which attracts more than 5,000 people. This popular event takes place in the evening, so the repellent packets are very much appreciated and useful. In September we will also be attending the Carnitas Festival in Winters where we'll be able to talk to residents about the invasive mosquito infestation throughout the city, Sunday Funday in Citrus Heights and for the first time ever, the Fair Oaks Chicken Festival.

Advertising Campaign

The advertising campaign continues to be in full swing and our Fight the Bite messages are airing consistently across radio and television stations. Currently we are airing content specific to invasive mosquitoes due to new and ongoing detections. The media schedule is in flights so that our messages are rotated across stations, and this always ensures a constant presence throughout the media market. The advertising campaign will continue through the second week in October.

Social media

Our social media efforts continue, and content is focused on ongoing West Nile virus activity throughout the District, invasive mosquitoes, signing up for spraying notifications, using repellent and general mosquito prevention messages.

Repellent Distribution

We have recently provided repellent wipes to Harm Reduction Services, an agency that provides services to homeless residents and a Galt Boy Scouts troop. In addition, we continue our partnership with the Yolo County Health Department to add mosquito repellent wipes to vending machines at various sites throughout the county.

Government affairs:

As part of our ongoing West Nile virus activity and the detection of invasive mosquitoes we have been keeping local elected officials informed by sending them regular email updates with our findings and response activities.

Presentations:

A presentation is currently scheduled to the Elk Grove Rotary Club on September 20th.

Sacramento-Yolo Mosquito and Vector Control District

September 19, 2023 Board Meeting

4. Board Review and Consideration of New Accounting Software

Staff Report:

The District has been using Sage 100 and HRMS since 2017 to perform financial accounting and reporting, as well as in-house payroll functions. The District wanted to explore options to improve the accounting process in response to the difficulties experienced with the recent staffing changes that occurred in 2022. These difficulties were highlighted in the audit process for FY 21-22 by both the District's bookkeeper and the audit firm.

The District looked for an upgrade to the Sage programs to help create a more user friendly program and one that would allow for easier recruitment if/when other staffing changes occur. Staff identified some basic parameters that we wanted out of a new program. These factors included an online cloud based option that would have consistent upgrades, automatic updates in the future that would keep up with technology and current trends and a more user friendly intuitive interface. Staff found two options to explore-Quickbooks and Sage Intacct that both met these criteria and interviewed consultants that could offer a demonstration and provide a quote for services. Quickbooks has a payroll function that would be included while Sage Intacct only does accounting and we would need to keep Sage HRMS for payroll.

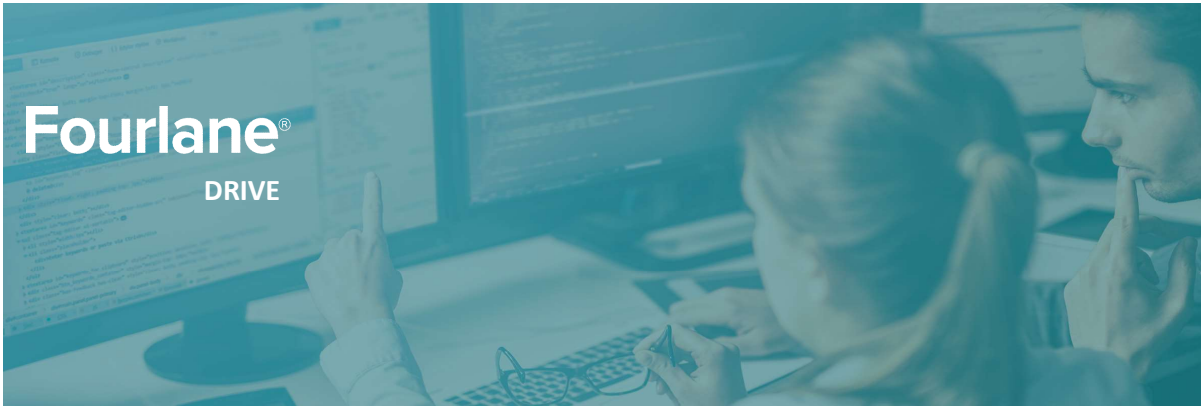
The costs to convert to a new program will include the migration of data from our current Sage program to a new platform and training of staff on the specifics and interface of the software. As a comparison, the District spent approximately \$99,000 to convert to Sage 100 in 2017. A summary of the costs are in the chart below, compared to our current annual fees for Sage 100 and HRMS. The quotes are also attached for your reference.

	Data Migration	Annual License Fees
Current-Sage and HRMS	N/A	\$13,405
Sage Intacct	\$41,500	\$19,248
Quickbooks	\$39,276	\$6,672

The District is recommending choosing the Quickbooks option from Fourlane due to the all inclusive package of accounting and payroll. Quickbooks is the accounting software of choice for more than 29 million small businesses in the U.S. and they have over 80% market share. Our bookkeeper, Dana Hippensteel, has extensive experience with Quickbooks and moving to a more widely used program will help us recruit staff as most applicants accounting experience is with QB.

Recommendation:

Approve the transition to Quickbooks with the migration of data by Fourlane not to exceed \$45,000.



Prepared For

Sacramento-YOLO Mosquito and Vector Control District

Tuesday, September 12, 2023
Version 1

Overview

Primary Goal

Convert from Sage 100 to QuickBooks Enterprise 2023 Diamond

Project Overview

Provide design and testing, conversion, and Training services as outlined herein to achieve the above-stated goal.

Recommended proactive maintenance includes annual file and database reviews.

Valid through:
Wednesday, September 27, 2023

Total Initial Project Estimate	\$	40,275.00
Scope Fee Credit	\$	(999.00)
Annual PM	\$	-
Total Due	\$	39,276.00

ProActive Maintenance

Periodic Review Services	Included?		Notes
Annual File Review	Future	-	-
Annual File Review Results Meeting	Future	-	-
Annual Database Review	Future	-	-
Annual Database Review Results Meeting	Future	-	-

Design and Testing Details

Project Management	Included?		Notes
Kick Off Preparation	Yes	-	-
Client Kick Off Entire Project	Yes	-	-
Resource Allocation Entire Project	Yes	-	-
Team Hand Off Entire Project	Yes	1.00	-
Consultant Calendar Blocks & Meeting Space Creation	Yes	1.00	-
Client Weekly Check In Meeting - File Live	Yes	1.00	-
Client Daily Check In - File Down	Yes	1.00	-
System Design	Included?		Notes
Company Settings & Other Profile Fields	Yes	-	-
Items	Yes	-	-
User Roles	Yes	-	-
Workflows and Dataflows	Included?		Notes
Purchasing and Accounts Payable	Yes	-	-
Reporting Package	Yes	-	-
Testing	Included?		Notes
Design Modifications	Yes	-	-
Client Final Design Approval	Yes	-	-

Conversion

Outside System Data Pull & Mapping	Included?		Notes
Report Data Pull Assistance	Yes	-	-
Mapping & Template Meetings Lists	Yes	8.00	-
Mapping & Template Meetings Non-Posting Trx	Yes	-	-
Mapping & Template Meetings Open AR	Yes	-	-
Mapping & Template Meetings Open AP	Yes	-	-
Configure Base File	Included?		Notes
Template Setup	Yes	-	-
List Data Import	Included?		Notes
Chart of Accounts	Yes	300.00	-
Terms	Yes	10.00	-
Customers/Jobs	Yes	330.00	-
Vendors	Yes	1,363.00	-
Item: Other items (Other Charges, Discounts, etc.)	Yes	500.00	Used Threshold / Generic Items for expense account
Employees	Yes	120.00	-
Setup Payroll Items	Yes	20.00	-
Setup Employee Pay Details	Yes	2,400.00	Full Service Payroll / Assisted
Lists File and Folder Organization	Yes	-	-
Lists Tie Out	Yes	8.00	-
Quality Control List Data (Internal)	Yes	8.00	-
Client List Testing & Approval Meeting	Yes	8.00	-
Transaction Import	Included?		Notes
Trial Balance as of Cut Off Date	Yes	300.00	-
Open AR (Invoices or Credit Memos)	Yes	2,500.00	Used Threshold
Open AP (Bills or Vendor Credits)	Yes	2,500.00	Used Threshold
Open Purchase Orders	Yes	500.00	Used Threshold
Summary TB Balances by Month	Yes	12.00	Starting 6/30/2022
Payroll Period Entry YTD	Yes	120.00	-

Transaction File and Folder Organization	Yes	-	-
Transaction Tie Out	Yes	6.00	-
Quality Control (Internal)	Yes	6.00	-
Client Trx Testing & Approval Meeting	Yes	6.00	-
History Import	Included?	-	Notes
Mapping & Template Meetings - GL Detail as Journal Entry	Yes	-	-
Test GL Detail Import & Approval	Yes	-	-
GL Detail Import	Yes	600.00	7/1/2023 - 9/30/2023
GL Detail Tie Out - TB	Yes	3.00	-
GL Detail QC (Internal)	Yes	3.00	-
GL Detail Approval	Yes	-	-
QuickBooks Connectivity	Included?	-	Notes
Post Conversion Cleanup, Verify & Rebuild	Yes	-	-
Post Conversion File Restore, Redirect Users, View Only Old File	Yes	-	-
Post Conversion DB Review	Yes	-	-

Training/Go Live Details

Go Live	Included?	-	Notes
Go Live Availability - from time of file delivery	Yes	-	4 hours of Post Go-Live Support
Post Go Live Staff Check In Meetings	Yes	4.00	4 hours of Post Go-Live Support
Staff Training	Included?	-	Notes
Banking	Yes	-	-
Accounts Receivable	Yes	-	-
Purchasing Training - PO, Auto Reorder	Yes	-	-
Accounts Payable	Yes	-	-
Payroll	Yes	-	-
QuickBooks Time	Yes	-	-
Implementation	Included?	-	Notes
Financial MEC Package	Yes	-	One month
Financial Review - Note Gaps	Yes	-	One month
Implementation Approval Meeting	Yes	-	One month
Finalize Cross Referenced Financial Packages	Yes	-	One month
Training Phase Close	Included?	-	Notes
Training Phase Close Task	Yes	-	-
Training Internal Close	Yes	-	-



Sage Intacct Subscription	Qty	Price	Ext.	Discount	Total
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Sage Intacct - Financial Management

GL, PO, AP, AR, SO, Cash Mgmt., Reporting, 1 entity	1	\$ 6,840	\$ 6,840	20%	5,472
Additional Legal Entity	0	840	-	20%	-
User Licenses					
Intacct Business User License	3	3,480	10,440	20%	8,352
Intacct Employee User 10 Pack	0	1,860	-	20%	-
Sage Intacct Project Tracking Dimension	1	3,780	3,780	20%	3,024
Sage Intacct Interactive Custom Report Writer (Runtime)	1	1,200	1,200	20%	960
Sage Intacct Learning Membership	1	1,440	1,440		1,440
Sage Intacct Platform Services Standard	1	-			-
Sage Intacct Web Services Standard	1	-			-
Intacct Application Hosting, Infrastructure, & Security	1	-			-
Sage Intacct Annual Sub-Total					\$ 19,248
Sage 100 Client Migration First Year Promotion					
Sage Intacct Annual Total					\$ 19,248

Sage Intacct Marketplace Subscription

AssetEdge: fixed asset management	1	1,500			1,500
Sage Intacct Marketplace Total					\$ 1,500

Sage Intacct Implementation Estimates (one-time fees)

Sage Intacct Implementation					\$40,000
AssetEdge Implementation					1,500
Total One-Time Service Fees					\$41,500