

Sacramento-Yolo
MOSQUITO & VECTOR
CONTROL DISTRICT

MAY 21, 2024

BOARD OF TRUSTEES
REGULAR MEETING

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
May 21, 2024
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 April 16, 2024 Board of Trustees Meeting
 - b. Expenditures for April 2024
 - c. District Investment Report for Period Ending March 31, 2024
 - d. Board Review and Consideration of Grant with CDFW

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 Discussion of District Plan for 2024 Rice Larvicide Applications and Aerial Adulticiding Program**
5. **Board Review and Discussion of District Projects and Collaborations for the 2024 Season**
6. **Board Review and Discussion of Draft District Budget for 2024-2025**
7. **Board Review and Discussion of Request from the Sacramento Redevelopment Agency Successor Agency (RASA)**
8. **Board/Staff Reports and Requests**
9. **Adjournment**

**MINUTES OF THE APRIL 16, 2024
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 Sean Denny at 10:00 a.m.

Trustees Present:

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

*Appeared Remotely

Staff Present:

Gary Goodman	Manager
Jeni Buckman	Legal Counsel
Steve Ramos	Assistant Manager
Tony Hedley	Assistant Manager
Lisa Pelletier	Administrative Manager
Marty Scholl	Program Coordinator
Sarah Wheeler	Lab Director
Kevin Combo	Ecological Mgmt. 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. Items for Approval by General Consent

On a motion by Trustee Jayna Karpinski-Costa and seconded by Trustee Craig Burnett, 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: 11, Noes: 0, Absent: 2

- a. Minutes of the March 19, 2024 Board of Trustees Meeting
- b. Expenditures for March 2024

2. Opportunity for Public Comment

This item is reserved for members of the public who wish to speak on items not on the agenda.

No one was present for public comment.

3. Reports to the Board

Manager's Report:

Activity is starting to pick up as the weather gets warmer. We are in the process of filling our seasonal staff to help carry us through the next six months. We are starting our budget process and will be presenting a first draft of the budget at the May meeting.

The FY 2022-2023 audit is being finalized and hopefully we will have a report to the Board soon. The front office remodel is underway and will hopefully be done soon. The AMCA Washington Conference is currently scheduled for May 13-17.

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

Oral reports were given by the following departments:

Lab/Surveillance:

Lab Summary – April 2024

Mosquito abundance for *Culex tarsalis* and *Culex pipiens* abundance remained low through April. We will receive our sentinel chickens on April 25, 2024 and the dead bird call center will open on April 8, 2024. Our Invasive *Aedes* surveillance had begun, and West Nile virus (WNV) surveillance programs will resume in early-May. Tick surveillance continues; currently tick abundance is lower than the five-year average. However, special flagging for nymphs has shown higher levels of *Borrelia burgdorferi* in nymphs than adults. Laboratory technicians are constructing and repairing traps and preparing for the 2024 season.

Ecological Management:

Ecological Management Department (ECO) supervisor Kevin Combo informed the Board on the progress of two Best Management Practices (BMP) projects at Delta Meadows (Walnut Grove, Locke) and Laguna Creek (Elk Grove). Kevin explained that the Delta Meadow's Project provided District staff access to overgrown drainage ditches to conduct mosquito control activities by removing emergent vegetation. This project should reduce the number of Service Requests submitted in the area and increase the efficacy of applied materials. The Laguna Creek vegetation control project is in response to historical West Nile Virus (WNV) positive pools along the creek. This project will allow Control Operations staff the ability to conduct nighttime Ultra Low Volume (ULV) treatments to control mosquito populations in an effort to reduce the number of West Nile Virus (WNV) activity in the area. Kevin apprised the Board of the status of the Cemetery Program. Ecological Management staff sent out the annual letters to cemetery managers encouraging them to have their staff flip vases after the rains. Lastly, Kevin updated the Board that the Ecological Management staff are preparing for the upcoming mosquito breeding season by completing their annual training and conducting maintenance on the heavy equipment and vegetation management equipment.

Larval and Adult Control:

Program Coordinator Marty Scholl summarized his written report on Control department activities. He discussed ongoing field activities on and off site, outlined the continuing education and recapped the winter projects' progress for the District. He also discussed the status of rice allocations for the year and gave information on fish plants and service requests along with yellowjacket trapping.

5. Board/Staff Reports and Requests / General Discussion

The Manager discussed the progress on the front office remodel, and plans for the continued collaboration with PAMCA for the 2024 season.

6. ADJOURNMENT

The meeting adjourned at 10:50 a.m.

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the April 16, 2024, meeting.

Lisa Pelletier, Administrative Manager

Approved as written and/or corrected by the Board of Trustees at the May 21, 2024, meeting.

Janelle Darroch, Board Secretary

Sacramento-Yolo Mosquito and Vector Control District

Check Register

April 2024

Num	Date	Name	Credit	Type
Apr 24				
	04/01/2024	Home Depot	115.59	Credit Card Charge
	04/01/2024	Harbor Freight	136.96	Credit Card Charge
	04/01/2024	Harbor Freight	195.74	Credit Card Charge
	04/01/2024	SlideDog	19.00	Credit Card Charge
	04/01/2024	Zoom.com	120.83	Credit Card Charge
	04/01/2024	Ubiquiti Inc.	15.00	Credit Card Charge
	04/02/2024	Amazon	78.16	Credit Card Charge
	04/02/2024	Indeed	439.60	Credit Card Charge
	04/02/2024	Amazon	4.37	Credit Card Charge
	04/02/2024	Lampire Biological Laboratories	892.25	Credit Card Charge
	04/02/2024	Google Cloud	325.13	Credit Card Charge
	04/03/2024	Intuit Quickbooks	495.20	Credit Card Charge
	04/03/2024	Target Store	9.79	Credit Card Charge
	04/03/2024	California Air Resources Board	1.79	Credit Card Charge
	04/03/2024	California Air Resources Board	60.00	Credit Card Charge
	04/03/2024	Amazon	8.69	Credit Card Charge
	04/03/2024	Amazon	111.54	Credit Card Charge
	04/03/2024	Amazon	20.65	Credit Card Charge
	04/03/2024	Call Loop	5.00	Credit Card Charge
	04/03/2024	Amazon Web Services	751.98	Credit Card Charge
58304	04/04/2024	Airgas USA LLC	89.08	Bill Pmt -Check
58305	04/04/2024	Barnes Welding	278.61	Bill Pmt -Check
58306	04/04/2024	Buckmaster Office Solutions	71.14	Bill Pmt -Check
58307	04/04/2024	CA Department of Tax and Fee ...	2,225.00	Bill Pmt -Check
58308	04/04/2024	City of Woodland	263.85	Bill Pmt -Check
58309	04/04/2024	Cleanit Maintenance Systems L...	2,995.00	Bill Pmt -Check
58310	04/04/2024	Consolidated Communications	2,286.69	Bill Pmt -Check
58311	04/04/2024	Darwin Chambers Company	7,850.00	Bill Pmt -Check
58312	04/04/2024	Elk Grove Water District	564.39	Bill Pmt -Check
58313	04/04/2024	ES Opco USA LLC	119,550.26	Bill Pmt -Check
58314	04/04/2024	Hunt & Sons Inc	3,539.89	Bill Pmt -Check
58315	04/04/2024	Maita Chevrolet	617.42	Bill Pmt -Check
58316	04/04/2024	Mike & Son's Truck Repair, Inc.	407.73	Bill Pmt -Check
58317	04/04/2024	PG & E	1,464.71	Bill Pmt -Check
58318	04/04/2024	Radial Tire of Elk Grove	109.95	Bill Pmt -Check
58319	04/04/2024	Red Shoe Productions	9,450.00	Bill Pmt -Check
58320	04/04/2024	Sacramento Control Systems, I...	250.50	Bill Pmt -Check
58321	04/04/2024	Safe Side Security	414.00	Bill Pmt -Check
58322	04/04/2024	SMUD	3,409.37	Bill Pmt -Check
58323	04/04/2024	Spark Creative Design	1,024.38	Bill Pmt -Check
58324	04/04/2024	T-Mobile	2,444.84	Bill Pmt -Check
58325	04/04/2024	Target Specialty Products	1,761.69	Bill Pmt -Check
58326	04/04/2024	The Grid Agency	6,750.00	Bill Pmt -Check
58327	04/04/2024	Vector Disease Control Internati...	54,191.66	Bill Pmt -Check
	04/04/2024	Harbor Freight	26.04	Credit Card Charge
	04/04/2024	Amazon	68.01	Credit Card Charge
	04/04/2024	Walmart	10.07	Credit Card Charge
	04/04/2024	Walmart	195.00	Credit Card Charge
	04/04/2024	CC MISC Grocery Store Vendor	85.48	Credit Card Charge
	04/05/2024	Amazon	48.84	Credit Card Charge
	04/05/2024	Radial Tire of Elk Grove	73.17	Credit Card Charge
	04/05/2024	Save The Snakes	200.00	Credit Card Charge
	04/05/2024	Snap-on Industrial	267.97	Credit Card Charge
	04/05/2024	Woodland Motors	219.00	Credit Card Charge
	04/05/2024	CC MISC Restaurant Vendor	10.99	Credit Card Charge
	04/05/2024	Walmart	188.57	Credit Card Charge
	04/05/2024	Amazon	14.09	Credit Card Charge
	04/05/2024	Amazon	30.48	Credit Card Charge
	04/05/2024	CC MISC Grocery Store Vendor	67.33	Credit Card Charge
	04/05/2024	Slicktext.com	49.00	Credit Card Charge
	04/05/2024	Amazon	56.71	Credit Card Charge
58328	04/08/2024	Vector-Borne Disease Account	741.00	Bill Pmt -Check
	04/08/2024	SmartSign	40.23	Credit Card Charge
	04/08/2024	Amazon	53.82	Credit Card Charge
	04/08/2024	Amazon	86.96	Credit Card Charge
	04/08/2024	Amazon	395.82	Credit Card Charge
	04/08/2024	Amazon	28.18	Credit Card Charge

Sacramento-Yolo Mosquito and Vector Control District

05/08/24

Check Register

Accrual Basis

April 2024

Num	Date	Name	Credit	Type
	04/08/2024	Amazon	93.28	Credit Card Charge
	04/08/2024	Ace Hardware Woodland	21.09	Credit Card Charge
	04/08/2024	CC MISC Hotel Vendor	431.20	Credit Card Charge
	04/08/2024	Acute Data Systems	87.50	Credit Card Charge
	04/08/2024	Walker's Office Supply	655.35	Credit Card Charge
	04/08/2024	Costco Wholesale	71.74	Credit Card Charge
	04/08/2024	Jo-Ann Stores, LLC	89.20	Credit Card Charge
	04/08/2024	Amazon	205.53	Credit Card Charge
	04/08/2024	Sacramento Juneteenth Celebr...	260.00	Credit Card Charge
	04/08/2024	Costco Wholesale	66.31	Credit Card Charge
	04/08/2024	Swanson Health Products	49.51	Credit Card Charge
	04/08/2024	CC MISC Parking Vendor	39.00	Credit Card Charge
	04/08/2024	Uber Technologies Inc	29.99	Credit Card Charge
	04/08/2024	CC MISC Hotel Vendor	431.20	Credit Card Charge
	04/08/2024	Amazon	41.19	Credit Card Charge
	04/08/2024	CloudFlare	25.00	Credit Card Charge
	04/08/2024	Apple Business Essentials	384.33	Credit Card Charge
	04/09/2024	Amazon	38.05	Credit Card Charge
	04/09/2024	Amazon	85.84	Credit Card Charge
	04/09/2024	CC MISC Grocery Store Vendor	29.53	Credit Card Charge
	04/09/2024	Amazon	16.30	Credit Card Charge
	04/09/2024	Amazon	46.75	Credit Card Charge
58329	04/10/2024	Filipino Fiesta of Sacramento c/...	200.00	Check
58330	04/10/2024	Cordova Community Council	60.00	Check
58331	04/10/2024	Sierra Saw and Tools, Inc.	79.19	Bill Pmt -Check
	04/10/2024	Amazon	54.36	Credit Card Charge
	04/10/2024	Walmart	146.74	Credit Card Charge
	04/10/2024	Amazon	29.35	Credit Card Charge
	04/10/2024	Amazon	38.36	Credit Card Charge
	04/10/2024	Walker's Office Supply	375.19	Credit Card Charge
	04/10/2024	Amazon	26.41	Credit Card Charge
	04/10/2024	Amazon	348.97	Credit Card Charge
	04/10/2024	Starlink Internet	120.00	Credit Card Charge
58337	04/11/2024	Western Health Advantage	1,222.42	Bill Pmt -Check
	04/11/2024	Amazon	92.40	Credit Card Charge
	04/11/2024	Amazon	8.69	Credit Card Charge
	04/11/2024	Amazon	14.56	Credit Card Charge
	04/11/2024	Fluid Tech Hydraulics, Inc.	162.89	Credit Card Charge
	04/11/2024	Walker's Office Supply	67.47	Credit Card Charge
	04/12/2024	Safeway	3.59	Credit Card Charge
	04/12/2024	CC MISC Grocery Store Vendor	10.26	Credit Card Charge
	04/12/2024	Amazon	37.20	Credit Card Charge
	04/12/2024	Harbor Freight	108.72	Credit Card Charge
	04/12/2024	Real World Training	29.95	Credit Card Charge
	04/12/2024	Bass Pro Shops	100.00	Credit Card Charge
	04/12/2024	Aatrix	279.00	Credit Card Charge
	04/12/2024	Onset Computer Corporation	105.16	Credit Card Charge
	04/12/2024	Amazon	42.39	Credit Card Charge
	04/15/2024	Amazon	282.61	Credit Card Charge
	04/15/2024	Staples	72.83	Credit Card Charge
	04/15/2024	Discount Vials	93.07	Credit Card Charge
	04/15/2024	Amazon	97.86	Credit Card Charge
	04/15/2024	CC MISC Grocery Store Vendor	12.41	Credit Card Charge
	04/15/2024	Amazon	39.65	Credit Card Charge
	04/15/2024	Walker's Office Supply	115.25	Credit Card Charge
	04/15/2024	Walker's Office Supply	306.61	Credit Card Charge
	04/15/2024	Walker's Office Supply	91.32	Credit Card Charge
	04/15/2024	Grainger	324.56	Credit Card Charge
	04/15/2024	Amazon	35.34	Credit Card Charge
	04/15/2024	Amazon	76.92	Credit Card Charge
	04/15/2024	Aatrix	54.85	Credit Card Charge
	04/15/2024	Amazon	10.79	Credit Card Charge
	04/15/2024	Amazon	96.79	Credit Card Charge
	04/15/2024	Amazon	86.88	Credit Card Charge
	04/15/2024	Amazon	70.89	Credit Card Charge
	04/15/2024	Amazon	25.40	Credit Card Charge
	04/15/2024	MailChimp	300.00	Credit Card Charge
	04/16/2024	Amazon	76.61	Credit Card Charge

Sacramento-Yolo Mosquito and Vector Control District

05/08/24

Check Register

Accrual Basis

April 2024

Num	Date	Name	Credit	Type
	04/16/2024	Harbor Freight	24.81	Credit Card Charge
	04/16/2024	Amazon	98.10	Credit Card Charge
	04/17/2024	Amazon	27.39	Credit Card Charge
	04/17/2024	eBay	200.75	Credit Card Charge
	04/17/2024	eBay	434.99	Credit Card Charge
	04/17/2024	Amazon	31.52	Credit Card Charge
	04/17/2024	Petsmart	32.59	Credit Card Charge
	04/17/2024	Amazon	57.09	Credit Card Charge
	04/17/2024	Amazon	9.11	Credit Card Charge
	04/17/2024	Jo-Ann Stores, LLC	38.05	Credit Card Charge
	04/17/2024	Delphia Consulting, LLC	55.00	Credit Card Charge
	04/17/2024	Amazon	17.50	Credit Card Charge
	04/17/2024	Rut Manufacturing	280.00	Credit Card Charge
	04/18/2024	Home Depot	218.26	Credit Card Charge
	04/18/2024	Segway Inc.	935.24	Credit Card Charge
	04/18/2024	Panera Bread	32.14	Credit Card Charge
	04/18/2024	Kunz Engineering, Inc.	128.15	Credit Card Charge
58338	04/19/2024	Airgas USA LLC	99.92	Bill Pmt -Check
58339	04/19/2024	Alhambra & Sierra Springs	115.41	Bill Pmt -Check
58340	04/19/2024	AQUEHS Corp.	10,000.00	Bill Pmt -Check
58341	04/19/2024	AutoZone Inc	182.07	Bill Pmt -Check
58342	04/19/2024	Awards Trophies and More	65.25	Bill Pmt -Check
58343	04/19/2024	Barnes Welding	1,040.42	Bill Pmt -Check
58344	04/19/2024	Bartkiewicz Kronick & Shanahan	1,177.50	Bill Pmt -Check
58345	04/19/2024	Buckmaster Office Solutions	351.00	Bill Pmt -Check
58346	04/19/2024	Cintas Corporation	3,700.74	Bill Pmt -Check
58347	04/19/2024	Clarke Mosquito Control Produc...	5,164.32	Bill Pmt -Check
58348	04/19/2024	Drone Deploy, Inc.	2,250.00	Bill Pmt -Check
58349	04/19/2024	Elk Grove Ford	141.32	Bill Pmt -Check
58350	04/19/2024	Factory Motor Parts Co	744.61	Bill Pmt -Check
58351	04/19/2024	Fallen Leaf Tree Service	3,600.00	Bill Pmt -Check
58352	04/19/2024	GreatAmerica Financial Services	376.28	Bill Pmt -Check
58353	04/19/2024	Hunt & Sons Inc	6,189.30	Bill Pmt -Check
58354	04/19/2024	NorCal Roofing	7,450.00	Bill Pmt -Check
58355	04/19/2024	Radial Tire of Elk Grove	73.17	Bill Pmt -Check
58356	04/19/2024	Sac Ice	875.82	Bill Pmt -Check
58357	04/19/2024	Sacramento County Utilities	960.54	Bill Pmt -Check
58358	04/19/2024	Safe Side Security	357.45	Bill Pmt -Check
58359	04/19/2024	Spark Creative Design	395.63	Bill Pmt -Check
58360	04/19/2024	Target Specialty Products	91,578.38	Bill Pmt -Check
58361	04/19/2024	Waste Management-	256.35	Bill Pmt -Check
58362	04/19/2024	Barnes Welding	496.84	Bill Pmt -Check
58363	04/19/2024	Michael's Reno Powersports		Bill Pmt -Check
58364	04/19/2024	PG & E	94.16	Bill Pmt -Check
58365	04/19/2024	RKL eSolutions, LLC	200.00	Bill Pmt -Check
58366	04/19/2024	Stericycle, Inc.	93.44	Bill Pmt -Check
58367	04/19/2024	VWR International Inc	539.23	Bill Pmt -Check
58368	04/19/2024	Michael's Reno Powersports	24,398.77	Bill Pmt -Check
	04/19/2024	Amazon	92.40	Credit Card Charge
	04/19/2024	Home Depot	15.46	Credit Card Charge
	04/19/2024	VWR International Inc	297.79	Credit Card Charge
	04/19/2024	Napa Auto Parts	23.91	Credit Card Charge
	04/19/2024	O'Reilly Automotive, Inc.	354.90	Credit Card Charge
	04/19/2024	Amazon	36.70	Credit Card Charge
	04/19/2024	Home Depot	103.48	Credit Card Charge
	04/22/2024	Amazon	35.19	Credit Card Charge
	04/22/2024	Northern Safety Co.	188.63	Credit Card Charge
	04/22/2024	Northern Safety Co.	6,535.71	Credit Card Charge
	04/22/2024	Amazon	76.60	Credit Card Charge
	04/22/2024	Amazon	173.90	Credit Card Charge
	04/22/2024	Amazon	91.50	Credit Card Charge
	04/22/2024	Argo Adventure	123.60	Credit Card Charge
	04/22/2024	Sterling May Co	45.28	Credit Card Charge
	04/22/2024	Dick's Sporting Goods	90.00	Credit Card Charge
	04/22/2024	Amazon	30.98	Credit Card Charge
	04/22/2024	Jo-Ann Stores, LLC	27.64	Credit Card Charge
	04/22/2024	Amazon	9.74	Credit Card Charge
1734	04/29/2024		1.00	Check

7:12 AM

Sacramento-Yolo Mosquito and Vector Control District

Check Register

April 2024

05/08/24

Accrual Basis

<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Credit</u>	<u>Type</u>
58373	04/30/2024	Buckmaster Office Solutions	78.26	Bill Pmt -Check
58374	04/30/2024	Hunt & Sons Inc	6,887.67	Bill Pmt -Check
58375	04/30/2024	O'Reilly Automotive, Inc.	159.64	Bill Pmt -Check
58376	04/30/2024	PRISM-	380.25	Bill Pmt -Check
58377	04/30/2024	Safety Kleen Systems, Inc.	775.02	Bill Pmt -Check
58378	04/30/2024	Stericycle, Inc.	93.44	Bill Pmt -Check
58379	04/30/2024	Valley Fire & Security	69.50	Bill Pmt -Check
58380	04/30/2024	Verizon Wireless	3,031.99	Bill Pmt -Check
58381	04/30/2024	Clarke Mosquito Control Produc...	1,962.72	Bill Pmt -Check
58382	04/30/2024	Clarke Mosquito Control Produc...	6,348.83	Bill Pmt -Check
58383	04/30/2024	PG & E	1,581.18	Bill Pmt -Check
58384	04/30/2024	PG & E	158.98	Bill Pmt -Check
58385	04/30/2024	PG & E	621.66	Bill Pmt -Check
Apr 24			434,098.15	

Sacramento-Yolo Mosquito and Vector Control District
STATEMENT OF OPERATION
July 2023 through April 2024

	Jul '23 - Apr 24	Budget
Ordinary Income/Expense		
Income		
4000 · REVENUE	11,067,944.43	19,292,432.00
Total Income	11,067,944.43	19,292,432.00
Gross Profit	11,067,944.43	19,292,432.00
Expense		
12500 · Prepaid Expense*	-100,000.00	
5000 · SALARIES/BENEFITS/WC	8,004,183.40	10,240,688.00
5200 · OPERATIONAL		
5210 · LIABILITY INSURANCE	297,579.18	288,499.00
5250 · AUDITING/FISCAL	19,000.00	25,000.00
5270 · COMMUNICATIONS	77,151.78	110,000.00
5310 · PUBLIC INFORMATION	251,660.97	611,000.00
5340 · STRUCTURE & GROUNDS	135,429.69	71,000.00
5370 · MEMBER/TRAINING	111,544.62	160,000.00
5390 · DISTRICT OFFICE EXPENSES	17,287.35	25,000.00
5430 · PROFESSIONAL SERVICES	281,724.69	341,000.00
5440 · MATERIALS & SUPPLIES	12,934.97	14,500.00
5450 · RENTS & LEASES	7,608.82	12,000.00
5470 · SAFETY PROGRAM	2,930.00	5,000.00
5480 · UTILITIES	84,669.82	140,000.00
6120 · AIRCRAFT SERVICES	1,201,218.27	1,129,000.00
6140 · ECOLOGICAL MANAGEMENT	7,670.02	20,500.00
6160 · MICROBIAL	869,289.94	1,150,000.00
6170 · BIORATIONALS	799,724.53	1,200,000.00
6180 · INSECTICIDES	905,588.18	750,000.00
6220 · FISHERIES	19,481.69	41,000.00
6280 · GEOGRAPHIC INFO SYSTE...	4,056.00	9,000.00
6320 · INFORMATION TECHNOLOGY	70,284.20	120,000.00
6350 · CONTROL OPERATIONS	30,052.66	70,000.00
6370 · SHOP DEPT	134,908.36	145,000.00
6420 · LAB SERVICES	110,745.08	230,000.00
6450 · GAS & PETROLEUM		
64500 · Gas & Petroleum	144,279.92	250,000.00
Total 6450 · GAS & PETROLEUM	144,279.92	250,000.00
Total 5200 · OPERATIONAL	5,596,820.74	6,917,499.00
62600 · Ask Accountant	-1,020.19	
66000 · Payroll Expenses	31,826.05	
Total Expense	13,531,810.00	17,158,187.00
Net Ordinary Income	-2,463,865.57	2,134,245.00

	Jul '23 - Apr 24	Budget
Other Income/Expense		
Other Income		
40995 · Insurance Claim Reimb	37,257.94	
Total Other Income	37,257.94	
Other Expense		
7000 · CAPITAL ACCOUNTS		
70010 · CAPITAL OUTLAY	0.00	193,000.00
70050 · CONTINGENCY	0.00	0.00
70070 · RESEARCH FUND	60,000.00	75,000.00
70080 · BUILDING IMPROVEMENT	40,650.00	735,000.00
70085 · CalPERS Add Discretionary ...	1,975,783.00	1,500,000.00
Total 7000 · CAPITAL ACCOUNTS	2,076,433.00	2,503,000.00
70030 · CAPITAL OUTLAY 2	320,798.20	
70040 · EQUIPMENT REPLACEMENT	0.00	600,000.00
90999 · Suspense Expense	0.00	
Total Other Expense	2,397,231.20	3,103,000.00
Net Other Income	-2,359,973.26	-3,103,000.00
Net Income	-4,823,838.83	-968,755.00



SACRAMENTO COUNTY

8631 Bond Road
Elk Grove, CA 95624

(800) 429-1022
www.FIGHTtheBITE.net

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

Gary Goodman
General Manager

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:

2024 Board of Trustees

Sean Denny
President, Woodland

Charles Duty
Vice President,
Sacramento County

Janell Darroch
Secretary, West
Sacramento

Christopher Barker
Davis

Craig R. Burnett
Folsom

Staci Gardiner
Isleton

Lyndon Hawkins
Elk Grove

Gar House
Winters

Jayna Karpinski-Costa
Citrus Heights

Raymond LaTorre
Sacramento

Robert J. McGarvey
Rancho Cordova

Marcia Mooney
Galt

William Reisen
Yolo County

- 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 **March 31, 2024.**

Institution		Earnings	Total as of 03/31/2024
Yolo County Treasurer Investment Pool	3.877%*	\$36,616.19	\$524,537.90
L.A.I.F.	4.30%	\$110,380.85	\$14,937,365.97
VCJPA-Member Contingency Fund	2.76%	\$5,018.00	\$1,821,342.00
CERBT-Strategy 3		\$29,411.26	\$2,174,439.28
		District Total:	\$19,457,685.15

**Rates are reflected as annualized earning rates*



County of Yolo

www.yolocounty.org

TOM HAYNES
Chief Financial Officer
EVIS MORALES
Deputy 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

May 3, 2024

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 March 31, 2024. 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 LAIF</u>	<u>EARNINGS</u>
Quarter ending:	March 31, 2024	3.877%*	\$ 36,616.19
Quarter ending:	March 31, 2024	4.30%	\$ 110,380.85
Placement of Funds as of March 31, 2024:			
	Yolo County Treasurer's Pool (Fund 7245)		\$ 524,537.90
	Flexible Spending Account (Account 104000)		39,309.20
	LAIF		<u>14,937,365.97</u>
	Total		\$ 15,501,213.07

*Rates are reflected above as annualized earnings rates.

Sincerely,

Sou Xiong
Accounting Manager

ASSURANCE OF ACCOUNTABILITY



Vector Control Joint Powers Agency

Member Contingency Fund

For the Quarter Ended
March 31, 2024

Member District	Balance at Beginning of Quarter	Contribution	(Withdrawals)	Interest Earned	Allocated Admin.	Balance at End of Quarter
Alameda County	320,716			886	(7)	321,595
Burney Basin	36,832			102	(1)	36,933
Butte County	373,889			1,033	(8)	374,914
Coachella Valley	993,943			2,746	(21)	996,668
Coalinga-Huron	8,336			23	0	8,359
Colusa	96,564			267	(2)	96,829
Compton Creek	68,963			191	(1)	69,153
Consolidated	423,923		(7,836)	1,160	(9)	417,238
Contra Costa	1,272,731		(279)	3,515	(27)	1,275,940
Durham	4,911			14	0	4,925
Fresno	232,580			642	(5)	233,217
Glenn County	42,619			118	(1)	42,736
Greater Los Angeles County	1,635,415			4,517	(35)	1,639,898
Lake County	145,195	8,676		413	(3)	154,281
Los Angeles County West	740,993			2,047	(16)	743,024
Marin-Sonoma	840,663			2,322	(18)	842,967
Monterey County	30,552			84	(1)	30,635
Napa County	1,371,032			3,787	(29)	1,374,790
Northwest	290,573			803	(6)	291,370
Orange County	558,748			1,544	(12)	560,280
Pine Grove	33,307			92	(1)	33,398
Placer	268,416			741	(6)	269,151
Sacramento-Yolo	1,816,363			5,018	(39)	1,821,342
San Gabriel Valley	154,466			427	(3)	154,890
San Joaquin County	442,811		(26,269)	1,187	(9)	417,720
San Mateo County	494,980			1,367	(11)	496,336
Santa Barbara County	83,752			231	(2)	83,981
Shasta	257,004			710	(6)	257,708
Sutter-Yuba	305,177			843	(7)	306,013
Tehama County	276,475			764	(6)	277,233
Turlock	38,783		(16,996)	84	(1)	21,870
West Valley	322,984			892	(7)	323,869
Total	13,983,696	8,676	(51,380)	38,570	(300)	13,979,262

Notes:

Yield to maturity rate on the VCJPA portfolio is 2.88% 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.

Vector Control Joint Powers Agency
 Member Contingency Fund - Prudent Balance Calculation
 As of March 31, 2024

Member District	Self-Insurance Exposure - Two Times Deductible				Property	APD	Workers' Compensation	Sub-Total 2 X Deductible	2023/2024 Contribution	Two Times Contribution	Prudent Balance	Member Contingency Fund Balance as of March 31, 2024	Amount Over / (Under) Prudent Balance
	Liability	A	B	C									
1 Alameda County	20,000	50,000	2,000	2,000	1,000	208,831	73,000	208,831	417,662	490,662	321,595	(169,067)	
2 Burney Basin	2,000	10,000	2,000	2,000	1,000	10,249	15,000	10,249	20,498	35,498	36,933	1,435	
3 Butte County	20,000	50,000	2,000	2,000	1,000	176,187	73,000	176,187	352,374	425,374	374,914	(50,460)	
4 Coachella Valley	50,000	50,000	2,000	2,000	1,000	619,347	103,000	619,347	1,238,694	1,341,694	996,668	(345,026)	
5 Coalings-Huron	2,000	5,000	2,000	2,000	1,000	5,841	10,000	5,841	7,682	17,682	8,359	(9,323)	
6 Colusa	2,000	10,000	2,000	2,000	1,000	24,235	15,000	24,235	48,470	63,470	96,829	33,359	
7 Compton Creek	5,000	5,000	2,000	2,000	1,000	16,231	13,000	16,231	32,462	45,462	69,153	23,691	
8 Consolidated	20,000	50,000	2,000	2,000	1,000	203,261	73,000	203,261	406,522	479,522	417,238	(62,284)	
9 Contra Costa	100,000	100,000	2,000	2,000	1,000	395,250	203,000	395,250	790,500	993,500	1,275,940	282,440	
10 Delta	10,000	20,000	2,000	2,000	1,000	214,574	33,000	214,574	429,148	462,148	0	(462,148)	
11 Durham	2,000	5,000	2,000	2,000	1,000	9,614	10,000	9,614	19,228	29,228	4,925	(24,303)	
12 Fresno	10,000	50,000	2,000	2,000	1,000	91,796	63,000	91,796	183,592	246,592	233,217	(13,375)	
13 Glenn County	2,000	10,000	2,000	2,000	1,000	14,477	15,000	14,477	28,954	43,954	42,736	(1,218)	
14 Greater Los Angeles County	150,000	100,000	2,000	2,000	1,000	864,200	253,000	864,200	1,728,400	1,981,400	1,639,898	(341,502)	
15 Kings	10,000	20,000	2,000	2,000	1,000	113,316	33,000	113,316	236,632	271,632	0	(271,632)	
16 Lake County	5,000	20,000	2,000	2,000	1,000	77,978	28,000	77,978	155,956	183,956	154,281	(29,675)	
17 Los Angeles County West	50,000	50,000	2,000	2,000	1,000	492,907	103,000	492,907	985,814	1,088,814	743,024	(345,790)	
18 Marin-Sonoma	100,000	100,000	2,000	2,000	1,000	429,917	203,000	429,917	859,834	1,062,834	842,967	(219,867)	
19 Napa County	10,000	50,000	2,000	2,000	1,000	117,501	63,000	117,501	235,002	298,002	1,374,790	1,076,788	
20 Monterey County	5,000	50,000	2,000	2,000	1,000	90,259	58,000	90,259	180,518	236,518	30,635	(207,883)	
21 Northwest	10,000	50,000	2,000	2,000	1,000	183,714	63,000	183,714	367,428	430,428	291,370	(139,058)	
22 Orange County	50,000	100,000	2,000	2,000	1,000	785,040	153,000	785,040	1,570,080	1,723,080	560,280	(1,162,800)	
23 Pine Grove	2,000	5,000	2,000	2,000	1,000	6,718	10,000	6,718	13,436	23,436	33,398	9,962	
24 Placer	2,000	20,000	2,000	2,000	1,000	204,842	25,000	204,842	409,684	434,684	269,151	(165,533)	
25 Sacramento-Yolo	100,000	100,000	2,000	2,000	1,000	525,127	203,000	525,127	1,050,254	1,253,254	1,821,342	568,088	
26 San Gabriel Valley	20,000	100,000	2,000	2,000	1,000	297,338	123,000	297,338	594,676	717,676	154,890	(562,786)	
27 San Joaquin County	100,000	100,000	2,000	2,000	1,000	304,210	203,000	304,210	608,420	811,420	417,720	(393,700)	
28 San Mateo County	20,000	50,000	2,000	2,000	1,000	293,918	73,000	293,918	587,836	660,836	496,336	(164,500)	
29 Santa Barbara County	5,000	10,000	2,000	2,000	1,000	46,995	18,000	46,995	93,990	111,990	83,981	(28,009)	
30 Shasta	5,000	50,000	2,000	2,000	1,000	157,281	58,000	157,281	314,562	377,562	257,708	(114,854)	
31 Sutter-Yuba	20,000	50,000	2,000	2,000	1,000	156,020	73,000	156,020	312,040	385,040	306,013	(79,027)	
32 Tehama County	2,000	20,000	2,000	2,000	1,000	46,302	25,000	46,302	92,604	117,604	277,233	159,629	
33 Turlock	20,000	50,000	2,000	2,000	1,000	98,497	73,000	98,497	196,994	269,994	21,870	(248,124)	
34 West Valley	20,000	50,000	2,000	2,000	1,000	199,926	73,000	199,926	399,852	472,852	323,869	(148,983)	
Total	951,000	1,560,000	68,000	68,000	34,000	7,485,939	2,613,000	7,485,939	14,971,878	17,584,878	13,979,262	(3,605,616)	

Sacramento-Yolo Mosquito & Vector Control District
 CERBT Strategy 3
 Entity #: SKB8-137523307
 Quarter Ended March 31, 2024



Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$2,145,478.33	\$2,049,789.77
Contribution	0.00	0.00
Disbursement	0.00	0.00
Transfer In	0.00	0.00
Transfer Out	0.00	0.00
Investment Earnings	29,411.26	125,961.28
Administrative Expenses	(260.11)	(757.72)
Investment Expense	(190.20)	(554.05)
Other	0.00	0.00
Ending Balance	\$2,174,439.28	\$2,174,439.28
FY End Contrib per GASB 74 Para 22	0.00	0.00
FY End Disbursement Accrual	0.00	0.00
Grand Total	\$2,174,439.28	\$2,174,439.28

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	17,323846	16,551201
Period Ending Unit Value	17,557693	17,557693

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.

Sacramento-Yolo Mosquito and Vector Control District

May 21, 2024 Board Meeting

1. Items for Approval by General Consent:

d. Board Review and Consideration of Grant with CDFW

Staff Report:

Sacramento-Yolo Mosquito & Vector Control District (District) was approached by the California Department of Fish and Wildlife (CDFW) on a collaboration to explore the experimental production of Sacramento Perch. The CDFW hatchery does not possess the culture systems, capacity nor the experience in green-water aquaculture techniques that larval Sacramento Perch demand. Systems are currently in place at the District's Elk Grove facility for the production of Western Mosquitofish that could be transferable to the rearing of larval Sacramento Perch. Partnering with CDFW, the District will utilize unused fish production space for early larval rearing of climate-resilient Sacramento Perch. The District's experience with natural food culture in fertilized ponds positions us to support CDFW's need for hatchery protocols for its future stocking plans. Grant funds will leverage existing District resources to demonstrate larval perch culture and provide unique technology transfer. The amount of the grant would be approximately \$150,000 from CDFW that the District would use to purchase equipment, net another pond, and teach CDFW staff about our techniques. The collaboration is expected to last approximately 3 years. A copy of the acceptance letter is attached.

Recommendation:

Authorize the Manager to work with Counsel on the proper submittal of necessary documents to finalize the agreement between the District and CDFW



State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Director's Office
P.O. Box 944209
Sacramento, CA 94244-2090
wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director



May 2, 2024

Tony Hedley
Sacramento-Yolo Mosquito & Vector Control District
8631 Bond Rd
Elk Grove, California, 95624

NOTICE OF AWARD

Enhancing Climate-Resilient Fish Production: A Collaboration Between Sacramento-Yolo Mosquito & Vector Control District and California Department of Fish and Wildlife

Dear Tony Hedley:

We are pleased to inform you that your proposal, **Enhancing Climate-Resilient Fish Production: A Collaboration Between Sacramento-Yolo Mosquito & Vector Control District and California Department of Fish and Wildlife**, has been selected by the California Department of Fish and Wildlife (CDFW) for the Restoration Grant Programs: Drought. This letter serves as CDFW's award of up to **\$150,000** under the FY 2022-23 State Budget Act to support this important initiative for projects that enhance resiliency to drought and climate change through restoration, protection, or enhancement of riparian and aquatic habitat and river channels, reconnection of historical flood plains, or improvements to ecological functions.

Please note:

- 1) you cannot incur any contract costs for work done prior to the execution date of the grant agreement – we anticipate grant agreements being executed no sooner than April 15, 2024;
- 2) your agreement is not a valid legal document until you receive a fully executed copy, signed by both parties;
- 3) this agreement may be subject to revision or suspension due to continuing budgetary uncertainties; and 4) grant agreements must be completed by March 1, 2026.

Your CDFW Grant Manager, Sinan Dunlap, will soon contact you to discuss the grant agreement development process and next steps.

To expedite the grant process, please also provide the following forms to CDFW as soon as possible.

Conserving California's Wildlife Since 1870

1. Drug-Free Workplace Certification (STD. 21)
(<http://www.documents.dgs.ca.gov/dgs/fmc/pdf/std021.pdf>)
2. Payee Data Record form (STD. 204) and/or Payee Data Record Supplement (STD. 205)
<https://www.documents.dgs.ca.gov/dgs/fmc/pdf/std204.pdf>
<https://www.documents.dgs.ca.gov/dgs/fmc/pdf/std205.pdf>
3. 501(c)(3) Certification (for non-profit organizations)
4. An authorizing resolution from your governing body that confirms its approval of the projects and grant monies (if applicable).

Completed forms should be submitted to Sinan.Dunlap@Wildlife.ca.gov.

Your CDFW Grant Manager will soon contact you to discuss the process and next steps in implementing the project.

Finally, attached is a copy of CDFW's General Grant Provisions, which outlines our terms and conditions for entering into a grant agreement and will be attached to the final agreement.

Should you have questions regarding the process, you may contact Randi Adair (916) 764-0526, randi.adair@wildlife.ca.gov.

Sincerely,



Matt Wells, Branch Chief
Watershed Restoration Grants Branch

Attachment:
CDFW General Grant Provisions, Exhibits

CC:
Morgan Kilgour
Treva Porter
Sinan Dunlop
Randy Lovell
Ariel Boone-Worthman
Jason Roeh

Sacramento-Yolo Mosquito and Vector Control District

May 21, 2024 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 (Ken Harris)**
- **Larval and Adult Control (Marty Scholl)**
- **Public Outreach (Luz Maria Robles)**

a. Manager's Report

The season is getting very busy and control operations are in full swing with the warm weather. We will continue to conduct more surveillance and control measures as needed. The District has begun testing both birds and mosquito collections this season and so far has not detected any positives. The State of California has seen some West Nile activity centered mostly in Southern California.

The AMCA Legislative Days were held May 13-17. I met with the offices of Senator Padilla and Butler along with House Representatives Bera, Garamendi, Harder, Matsui, McClintock, and Thompson and some out of state members of Congress that sit on key committees. The main messages focused on increased funding for CDC through the SMASH Act to respond to disease outbreaks on a local level and to fund VectorSurv. Other issues include the Farm Bill, Unmanned Aerial Systems, and NPDES. I have attached the position papers for review.

b. Reports from District Departments

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

WHO AND WHAT IS THE AMCA?

The American Mosquito Control Association ('AMCA') is a non-profit scientific and educational professional association. Although most of our members are in the United States, our members and subscribers to our publications work in more than 50 countries. Our mission is to enhance health and quality of life through the suppression of vector-transmitted diseases and the reduction of mosquitoes and other public health pests by providing leadership, information, collaboration, tools, and education. The AMCA membership is composed of students, researchers, professors, regulators, public and industry personnel, mosquito control district managers, staff, commissioners, and their trustees.

The urgency of our mission cannot be overstated. The nation's mosquito control professionals, part of the AMCA, are on the frontlines, protecting humans and wildlife from diseases transmitted by the world's most dangerous animal – the mosquito. The Centers for Disease Control and Prevention (CDC) warns that without improved mosquito control capability, we risk the increasing emergence and spread of exotic vector-borne diseases such as Zika and West Nile Virus.



AMCA supports the following funding measures for FY'25:

Request for Labor, HHS, and Education Appropriations Bill - \$780,772,000 for Emerging and Zoonotic Infectious Diseases Account (\$50 million for Epidemiology and Laboratory Capacity (ELC), of which \$10 million is requested for data modernization). This represents a total plus-up of \$10 million from the enacted FY24 omnibus.

The AMCA supports the CDC's goal of data modernization through a comprehensive nationwide surveillance database that tracks and predicts vector-borne disease outbreaks. VectorSurv is an internet-based program currently used by 27 states and territories to track mosquitoes, diseases, and pesticide applications. The expansion and utilization of VectorSurv will require no less than \$10 million in ELC funds that will be used to coordinate with states, mosquito control districts, universities, and other federal partners. This program will enhance our capacity to expand nationwide surveillance of vector-borne diseases as authorized through SMASH Act provisions, included as section 607 of the Pandemic and All-Hazards Preparedness and Advancing Innovation Act of 2019 (P.L. 116-22).



AMCA supports the Reauthorization and Appropriations detailed in the Strengthening Mosquito Abatement for Safety and Health (SMASH) Act and the Pandemic and All-Hazards Preparedness (PAPHA) Act.

The nation's vector control professionals need your support for the reauthorization of bills that directly affect our ability to protect the public's health, namely SMASH, PAPHA, and the Kay Hagan Tick Act.

A changing climate and increased human travel are expanding the ranges of mosquitoes and the diseases they transmit, such as West Nile virus, chikungunya, dengue, malaria, and Zika virus. The reauthorization of these important bills is imperative for the ability of local districts, state health departments, territories, and tribal communities to identify

and combat the continued threat of vector-borne diseases. These bills allow federal monies to supplement existing programs and underserved communities that are already strained for resources. The provisions of these bills support effective communication between local programs, state, and federal agencies.



AMCA supports the use of unmanned aerial systems (UAS) for public health and safety programs.

Unmanned Aerial Systems (UAS), better known as drones, provide numerous efficiencies, advantages, and safety over ground or manned aerial applications. UAS technology is helping public agencies develop next-generation tools to utilize limited resources and provide continued public health protection.

AMCA is concerned that bills introduced in this legislative session are too restrictive in limiting the use of UAS for public health and vector control purposes. AMCA requests that any legislation concerning this subject matter recognize the legitimate use of UAS by vector control. Specifically, H.R. 2864 should be amended to allow mosquito control agencies reasonable accommodations to continue using drones produced by any manufacturer approved by the FAA to monitor and control mosquitoes.



AMCA supports pesticide preemption in the 2024 Farm Bill to maintain state and federal regulation of pesticide use in mosquito control applications.

Pesticide preemption means that only a designated state lead agency or the U.S. EPA can regulate the sale and use of pesticides, preempting localities and municipalities from banning certain pesticides or establishing a unique set of regulations for pesticide applications. Affording state agencies with pesticide preemption authority provides a uniform, science-based, predictable regulatory environment that augments federal regulations under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Currently, 44 states have preemption laws. States that do not have pesticide preemption laws may allow local governments to restrict pesticide use. Misinformation, lack of scientific expertise, and public pressure may cause local governments to adopt policies that directly and unjustifiably contradict EPA's scientific findings on pesticide safety. Mosquito-borne disease outbreaks can occur unexpectedly and require an immediate and aggressive response to prevent their spread. The lack of preemption laws restricts our ability to effectively respond to vector-borne disease emergencies.



The American Mosquito Control Association strongly supports the “Reducing Regulatory Burdens Act of 2023” (HR 5089) and urges quick consideration in Congress. This legislation will eliminate costly, duplicative, and unnecessary Clean Water Act National Pollutant Discharge Elimination System (NPDES) permit requirements.

NPDES pesticide general permits (PGPs) do not add any environmental benefits over those included on the pesticide product label, but they add significant costs and administrative requirements, which diverts time and money away from local districts' core mission of preventing vector-borne diseases.

Pesticides approved for use in, over, or near water require additional studies during the registration process to ensure their safety for aquatic use. Pesticide regulations have improved in recent years through ongoing collaboration among federal agencies, leading to enhanced recordkeeping and environmental safeguards. Strengthening the registration process under FIFRA satisfies the goals of protecting U.S. waterways, rendering NPDES permits for aquatic pesticides duplicative and obsolete.



AMCA supports the use of Integrated Mosquito Management on or near cannabis, hemp, and organic farms.

The growth of organic farming over the years, along with the recent expansion of cannabis and hemp production across the United States, has presented a new challenge to vector control districts. Because very few pesticides are registered to control mosquitoes on cannabis, hemp, and organic farms, mosquito control programs must avoid the plants, leaving large gaps in treatment areas and making it difficult to control outbreaks of diseases effectively.

AMCA urges the EPA to recognize that Integrated Mosquito Management is needed in and around cannabis, hemp, and organic farms. To facilitate this urgent need, we must fund the development of more organic pesticides labeled for mosquito control. Simultaneously, research must be conducted to develop scientific-based tolerances for cannabis and hemp crops to add these plants to mosquito control labels.



AMCA supports efforts to enhance the role of USDA's Office of Pest Management Policy (OPMP) in the 2024 Farm Bill to improve data collection, analysis, and stakeholder input regarding decisions impacting the sale, distribution, and use of pesticides.

The AMCA supports efforts in the farm bill to secure a stronger coordination role for OPMP in all pesticide policy actions, including Endangered Species Act implementation. Understanding OPMP's perspective on these issues is important.

The USDA Office of Pest Management Policy was created in 1998 to coordinate USDA policy on pest management and pesticides. OPMP provides interagency coordination with the EPA, state regulators, and industry stakeholders.

To conduct their review of pesticides, the EPA must use the best available data and develop an appropriate methodology that reliably assesses the potential risk to the species. The USDA OPMP can assist by quantifying the benefits of public health pesticides, including the negative impacts of intense mosquito bites and arboviruses on livestock and other animals.

Issue: Mosquitoes kill hundreds of thousands of people each year around the world, and with global travel, pathogens such as the Zika virus are transported to the United States each year. As our population grows and people inhabit new locations, interactions between humans, animals, and mosquitoes increase the risk of exotic disease transmission.

Background: In 2020, the Centers for Disease Control and Prevention (CDC) outlined a National Public Health Framework for the Control and Prevention of Vector-borne Diseases (VBDs). As mandated by the Kay Hagan Tick Act, the Department of Health and Human Services (HHS) is working with CDC to lead an interagency effort in developing a National Strategy to address Vector-borne Diseases carried by ticks, mosquitoes, and other blood-feeding vectors. An integral part of the National Strategy will be identifying strategic goals to prevent and control the Nation's VBDs.

Discussion: As outlined in the National Public Health Framework, climate change is increasing the habitat of mosquitoes, ticks, and the disease-causing pathogens they transmit. As a result, invasive mosquito species capable of transmitting West Nile virus, chikungunya, dengue, and Zika virus have taken up residence and established growing populations in the United States. In addition, the number of tick-borne pathogens is increasing at an alarming rate. In addition to Lyme disease, ticks can carry at least 15 other pathogens in the U.S., and invasive species are linked to a new disease in cattle.

Mosquitoes and other vectors of public health importance are attributed to a lower quality of life due to the annoyance and pain caused by the sheer number of biting individuals. With mosquito landing rates of over 100 mosquitoes per minute reported in areas without mosquito control, it's easy to understand that annoyance is an understatement. There are documented cases of livestock being exsanguinated and/or asphyxiated from mosquitoes after hurricanes. Agitation from biting mosquitoes significantly lowers weight gain in beef cattle and milk production in dairy cows.

Protected and Endangered bird and mammal species are highly susceptible to mosquito-transmitted diseases. Two species of forest birds in Hawaii will become extinct due to avian malaria in the next few years if the mosquito vectors are not controlled. The animals in your own home may be affected, with over 100,000 cases of dog heartworm diagnosed annually in the U.S.

Mosquitoes, ticks, and other vectors of public health importance have devastating impacts on local economies throughout the U.S. by negatively impacting recreational activities and tourism. For example, uncontrolled mosquito numbers reduce attendance at outdoor events, sporting events, campgrounds, car races, picnics, reunions, concerts, parades, graduations, wedding ceremonies, and theme parks.

NEEDED ACTION: Support reauthorization of the SMASH Act and appropriations needed by the nation's vector control professionals.



UNMANNED AERIAL SYSTEMS (UAS) IN MOSQUITO AND VECTOR CONTROL

ISSUE : H.R. 820, the Foreign Adversary Communications Transparency Act, and H.R. 2864, the Countering CCP Drones Act, if enacted, will unduly restrict the use of UAS critical for public health and vector control purposes.

Members of the American Mosquito Control Association (AMCA) have been transitioning to the use of drones for both mosquito monitoring, and public health focused pesticide application. A 2023 AMCA member survey revealed that 56% of respondents are currently using drones and an additional 32% are planning to deploy drones. Among the most common uses, larvicide application in rural areas, surveillance for standing water, mapping, and urban applications of larvicides are the most significant. Three types of drones are utilized by AMCA members: large spray drones, small spray drones, and camera/sensor drones. Of these, the drones manufactured by DJI make up the largest proportion with 81% share for camera/sensor drones, nearly half (45%) of small spray drones, and while a much smaller proportion, a still significant 26% of large spray drones.

The benefits of drones in mosquito control include allowing for more timely and precise access to areas that produce mosquitoes to detect standing water, apply mosquito control products (mostly larvicides to standing water at this point), and eliminate environmental impacts of traditional mosquito control methods in sensitive areas such as walking through wetlands with backpack sprayers, using amphibious tracked vehicles, using helicopters or fixed wing aircraft on smaller target areas or near populated areas.

Drones manufactured by DJI have been a good choice, and in many cases the only choice for many public health applications as they are easy to use, less than half the cost and have had more flight hours demonstrating airworthiness leading to faster approvals from the Federal Aviation Administration compared to U.S. manufactured drones. Public health uses of drone technology require significant and lengthy operational, regulatory, and, at times, hardware, and software customization to be safe and effective at performing mosquito control related operations. Because each drone system is different, this process must be repeated and significant public expense for each new system a mosquito control agency acquires.

AMCA understands that there may be cybersecurity concerns surrounding the fact that DJI is a Chinese company, however, it is important to realize that vector control uses of UAS by public agencies do not generally operate in and around critical infrastructure or engage in sensitive aerial data collection. Further, the limited budgetary resources available to mosquito control districts require that AMCA members exercise fiscal responsibility with the purchase and operation of the tools that we use to protect public health. Banning DJI drones will result in significant public expense to replace, or if the funding is not available, increase risk of public health emergencies.

NEEDED ACTION:

- AMCA asks that the public health mission of mosquito control agencies be taken into consideration when determining how to regulate UAS technology and address cybersecurity concerns.
- AMCA asks that H.R. 2864 be amended to allow mosquito control agencies, reasonable accommodations to allow drones, produced by DJI or any other manufacturer approved by the FAA, to continue to be used to monitor and control mosquitoes to protect public health in non-critical infrastructure areas.



THE FARM BILL'S IMPACT ON VECTOR-BORNE DISEASE PREVENTION

ISSUE: Language within the Farm Bill improving the pesticide registration and review process will support the Nation's response to Vector-borne Disease threats.

Background: The 2018 Farm Bill established the Interagency Working Group (IWG) for FIFRA and the Endangered Species Act (ESA). Since then, the American Mosquito Control Association (AMCA) has been working to address data gaps and concerns regarding pesticides used in public health programs. The USDA Office of Pest Management Policy (OPMP) was created in 1998 to coordinate USDA policy on pest management and pesticides. OPMP provides interagency coordination with EPA as well as with state regulators and industry stakeholders.

State agencies, often housed in State Departments of Agriculture, have been the primary leads since the 1970's along with the U.S. EPA to administer FIFRA laws and support the development of scientifically-based pesticide labels that can be clearly read and safely administered by applicators. A handful of states allow county and municipal governments to impose additional pesticide regulations without the benefit of expert review.

Discussion: To carry out their review of pesticides, the EPA must use the best available data and develop appropriate methodology that reliably assesses the potential risk to the species. The USDA OPMP can assist by quantifying the benefits of public health pesticides, including the negative impacts of intense mosquito bites and arboviruses on livestock and other animals. AMCA, along with the pesticide policy coalition, supports efforts in the 2024 Farm Bill to provide USDA a greater role in all actions affecting the sale, distribution and use of pesticides; including actions taken under the Endangered Species Act.

In recent years we have seen actions from localities that directly and unjustifiably contradict EPA's scientific findings on pesticide safety. These actions risk creating an unworkable, inconsistent patchwork of state or municipal labels and regulations that can quickly disrupt our ability to prevent VBD outbreaks by restricting access to these much-needed tools. Ensuring that pesticides are properly regulated is imperative for our health and safety. Since the 1970s, state lead agencies have worked with the EPA through cooperative agreements to administer and enforce FIFRA laws and support the development of science-based pesticide labels.

Support for state-level pesticide uniformity language within the Farm Bill will ensure that those with expertise at State agencies and EPA can determine pesticide usage regulations and continue to provide consistent pesticide labels, registration and oversight.

The American Mosquito Control Association ("AMCA") strongly supports the "Reducing Regulatory Burdens Act of 2023" (text introduced in HR 5089) and urges quick consideration in Congress. This legislation will eliminate costly, duplicative, and unnecessary Clean Water Act National Pollutant Discharge Elimination System (NPDES) permit requirements which impact our member's ability to adequately control mosquitoes.

NEEDED ACTION:

Support language within the Farm Bill that would: reauthorize the Interagency Working Group on FIFRA/ESA; support an enhanced role for USDA's Office of Pest Management Policy in federal pesticide regulation; provide pesticide preemption language for states preventing localities from regulating pesticides and maintain oversight by each state's lead agency and the U.S. EPA; and reduce regulatory burdens associated with pesticide applications that are duplicative of protections to water quality and aquatic organisms already regulated under FIFRA.



REDUCING REGULATORY BURDENS ACT

ISSUE: The requirement for duplicative permits under the Clean Water Act offer no environmental or public health protections, but instead add tremendous cost and bureaucracy that only serve to endanger public health. Enactment of the Reducing Regulatory Burdens Act of 2023 will undoubtedly improve public health protections in the United States.

Background: The American Mosquito Control Association (AMCA) strongly supports the “Reducing Regulatory Burdens Act of 2023” (the text of which was introduced as HR 5089) and urges quick consideration in Congress. This legislation will eliminate costly, duplicative, and unnecessary Clean Water Act National Pollutant Discharge Elimination System (NPDES) permit requirements which impact our member’s ability to adequately control mosquitoes.

NPDES pesticide general permits (PGPs) do not add any additional environmental benefits over those included on the pesticide product label, but they add significant costs and paperwork requirements which make it more expensive to protect people from mosquitoes that can vector the Zika Virus, West Nile Virus, Dengue Fever, and other viruses. As you are aware, the robust regulatory program administered cooperatively by the Environmental Protection Agency and state lead agencies includes extensive requirements for registrants to conduct comprehensive scientific studies, and for the EPA and State lead agencies to base final determinations on science-based risk assessment to ensure that the products do not cause adverse effects to the people and the environment.

This review process culminates in the development of a legally binding product label that includes strict use instructions, along with first aid, storage and disposal and other information. Pesticides that are approved for use in, over or near water, require additional studies to ensure that the products are safe for aquatic use. Requirements related to environmental concerns derive from the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) which is the principal statute.

While the NPDES permit process amounts to an administrative nightmare, it does not add to or in any way improve the scientific review and approval process EPA and state lead agencies administer under FIFRA.

NEEDED ACTION:

The American Mosquito Control Association (AMCA) urges passages of the “Reducing Regulatory Burdens Act of 2023” (the text of which was introduced as HR 5089). This legislation will eliminate costly, duplicative, and unnecessary Clean Water Act National Pollutant Discharge Elimination System (NPDES) permit requirements which impact our member’s ability to adequately control mosquitoes.



FUNDING THE SMASH ACT AND A NATIONWIDE DATABASE FOR VECTOR SURVEILLANCE

ISSUE: The emergence and spread of West Nile virus and Zika virus highlighted our nation's insufficient preparation for responding to mosquito-borne diseases. Ongoing responses to these and future diseases requires renewed funding to support research, modernization, and evaluation of the tools we use. The nation's vector management programs must be upgraded to mitigate the impacts of current and future exotic vector-borne diseases.

Background: The Strengthening Mosquito Abatement for Safety and Health (SMASH) Act, included as section 607 of the Pandemic and All-Hazards Preparedness and Advancing Innovation Act of 2019 (P.L. 116-22) reauthorized Centers for Disease Control and Prevention (CDC) resources to be used to address emerging infectious mosquito-borne disease and improve existing control programs for the protection of public health in our nation. The measure expands and extends authorization for \$100 million in annual grants for mosquito prevention, control, and response programs. Funding for projects and programs authorized under the SMASH Act is the American Mosquito Control Association's highest priority.

Discussion: It is necessary to improve mosquito surveillance and control activities by local agencies as authorized by the SMASH Act and appropriated through existing line items such as CDC's divisions of Vector-Borne Diseases and Epidemiology and Laboratory Capacity (ELC) grants. **An additional \$10 Million in FY'25** funding for ELC grants is requested to enhance capacity for mosquito abatement programs and to expand nation-wide surveillance of vector-borne disease through development of a national database (VectorSurv). A national database will support state, local, tribal and territorial agencies allowing for coordinated surveillance and abatement activities as authorized through the SMASH Act.

VectorSurv is a web-based platform for data management and analysis that is currently used by vector control and public health agencies in the U.S. The system was initiated in 2006 as a partnership of the Mosquito and Vector Control Association of California, the California Department of Public Health, and the Davis Arbovirus Research and Training (DART) Lab at the University of California, Davis. VectorSurv has since expanded to include other states, and the system now serves a growing number of U.S. states and US-Affiliated Pacific Islands (AZ, CDC, CA, HI, NE, NC, ND, NJ, SD, TN, UT, WA, US-Affiliated Pacific Islands).

NEEDED ACTIONS: Support public health efforts by funding the Strengthening Mosquito Abatement for Safety and Health (SMASH) Act, including \$10 Million increase in funding available for the Centers for Disease Control (CDC) Divisions of Vector-Borne Diseases and Epidemiology and Laboratory Capacity to support mosquito surveillance and control activities.

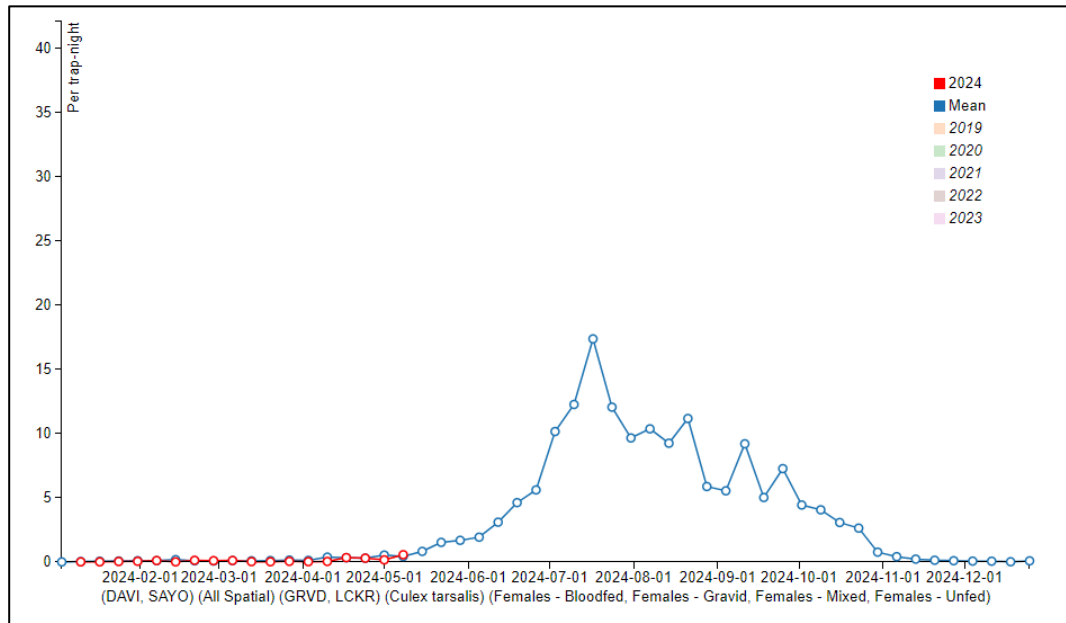
LABORATORY Monthly Report, May 2024 Board Meeting

Insectary:

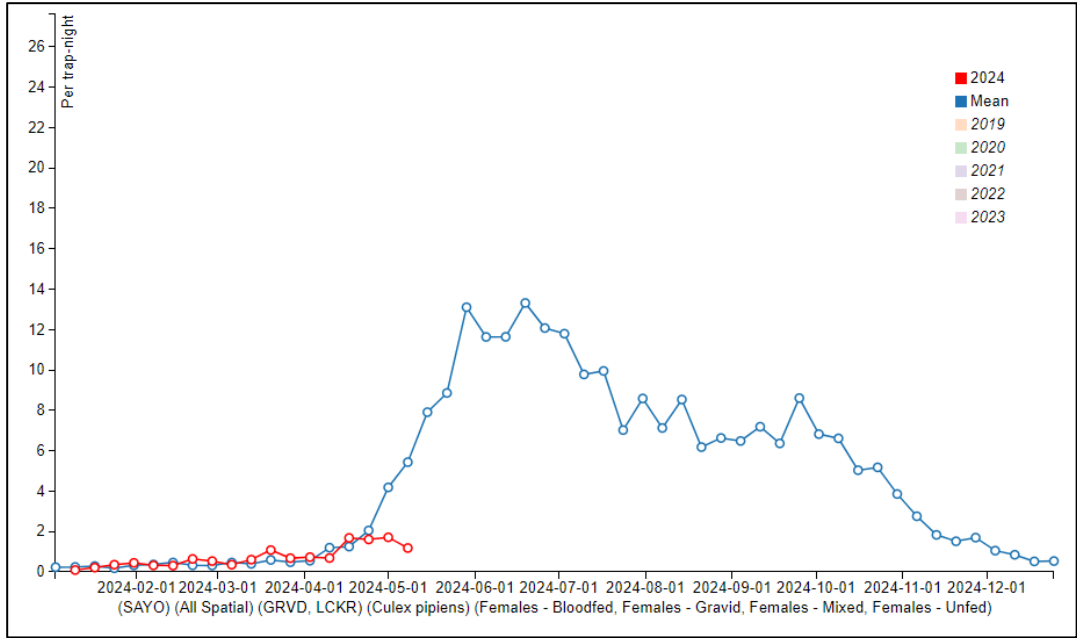
Species	Name	Origin	Resistance Status
<i>Culex tarsalis</i>	KNWR	Kern National Wildlife Refuge (2009)	susceptible
<i>Culex quinquefasciatus</i>	CQ1	Merced, CA (1950s)	susceptible
<i>Culex pipiens</i>	WCP	Woodland, CA (2017)	resistant: pyrethrins/pyrethroids, methoprene, and spinosad
<i>Culex tarsalis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

2024 Surveillance update through 5/7/2024

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) – This program will resume on May 13, 2024.

Dead bird surveillance – The dead bird call center reopened on 4/8/2024. Thus far we have collected and tested 18 dead birds. All were negative for WNV.

Sentinel chickens – The sentinel chickens arrived at the District on 4/25/2024 and were moved out to the five sentinel chicken surveillance locations (Dunnigan, Knights Landing, Rancho Murieta, Isleton, and Sacramento).

Rice surveillance – Surveillance will resume in late May – Early June 2024, depending on when the rice fields are flooded.

Human disease response surveillance – Since the last report no new human cases were reported to the District.

Aedes aegypti trapping effort in Sacramento and Yolo Counties – Trapping has begun for *Aedes aegypti* and *Aedes albopictus*. The cumulative 2024 trapping effort is shown below. Adult *Aedes aegypti* were re-detected in Sacramento (first 2024 collection: 4/12/2024) and West Sacramento (first 2024 collection: 4/2/2024).

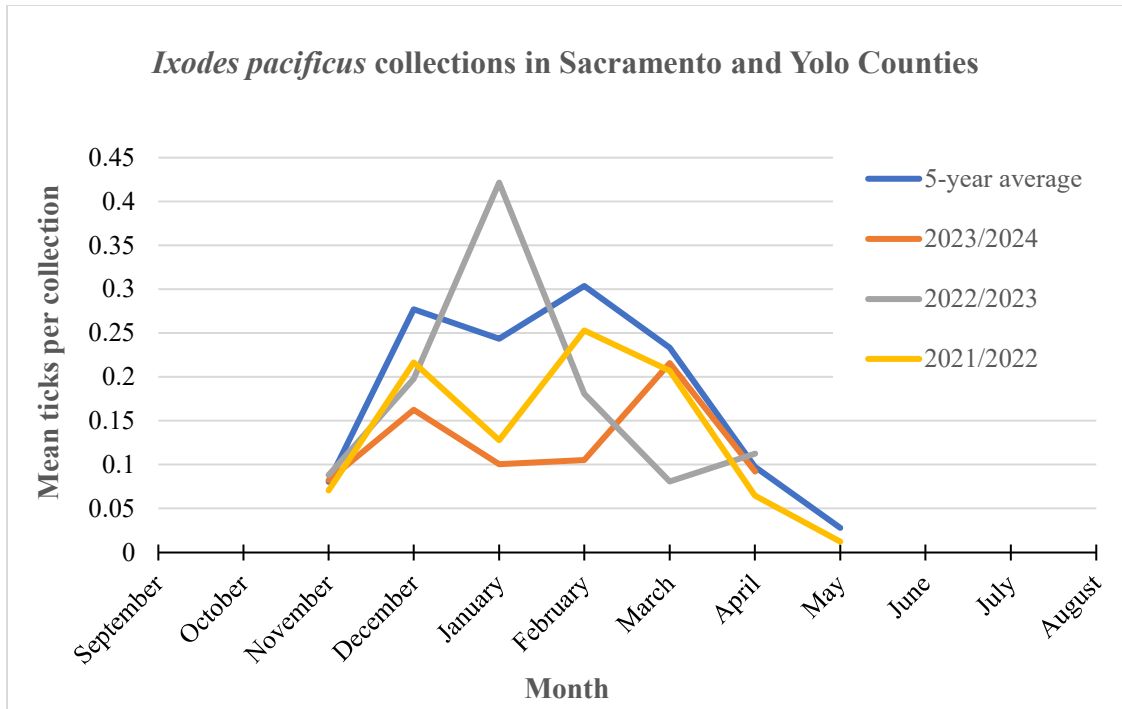
City	County	Trap nights	Total males and females collected	
			<i>Aedes aegypti</i>	<i>Aedes albopictus</i>
Elk Grove	Sacramento	18		
Sacramento	Sacramento	139	6	
West Sacramento	Yolo	19	1	
Winters	Yolo	50		

Tick surveillance – Monthly tick flagging continues at established sites selected based on land use and habitat. *Ixodes pacificus* collections were separated by sex, collected in pools up to five ticks, and tested for *Borrelia burgdorferi*. The causative agent of Lyme disease. The following table shows the April 2024 collections of *Ixodes pacificus* and test results for *Borrelia burgdorferi*. The figure shows the overall monthly collection trends for *Ixodes pacificus* in Sacramento and Yolo Counties. Enhanced surveillance for nymphal *Ixodes pacificus* was conducted at Upper Sunrise, 9 out of 12 pools of nymphs tested positive for *Borrelia burgdorferi*.

April 2024

Ixodes pacificus collection and testing for *Borrelia burgdorferi*

Location	Total collected	Total pools	Positive pools
Ancil Hoffman	0		
Black Minors Bar	6	2	1
Cache Creek-Campground	0		
Cache Creek-Blue Ridge Trail	0		
Camp Haswell	2	1	
East Lake Natoma	45	10	
Folsom Zoo	0		
Gold Lake Drive	2	2	
Hinkle Creek	2	2	
Lower Sunrise	4	2	
Mississippi Bar	2	1	
Nimbus Overlook	2	1	
Putah Creek-Fishing Access #1	3	1	
Putah Creek-Fishing Access #3	2	1	
Sailor Bar	4	2	
Sacramento Bar/ Bannister	4	2	
Snipes-Pershing Park	13	3	2
Upper Sunrise	59	13	9
Willow Creek- Humbug	2	2	
Willow Creek	15	4	1



Total number of *Ixodes pacificus* collected across all sampling locations; flagging was not performed June – October.

The California Arbovirus Surveillance Bulletin #4 Week 18 Friday, May 3, 2024

2023 & 2024 YTD West Nile Virus Comparisons		
	2023	2024
Total No. Dead Bird Reports	1,195	1,020
No. Positive Counties	3	5
No. Human Cases	0	0
No. Positive Dead Birds / No. Tested	2 / 110	14 / 132
No. Positive Mosquito Pools / No. Tested	2 / 2,530	1 / 3,246
No. Seroconversions / No. Tested	0 / 0	0 / 8

YTD WNV Activity by Element and County, 2024					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			5	1	
Contra Costa			1		
San Diego			2		
San Mateo			3		
Santa Clara			3		
Totals			14	1	

ECOLOGICAL MANAGEMENT DEPARTMENT

Monthly Report for May 2024 Board Meeting

Ecological Management Projects

Ecological Management technicians continue to conduct Mosquito Reducing Best Management Practices projects (BMP's) and vegetation management projects that have been turned in by Control Operations technicians. To date, staff have submitted a total of 34 BMP and vegetation management projects that will allow access and/or will reduce or eliminate pesticide treatments in known mosquito breeding sites. Ecological Management staff have completed a total of 19 or 55.88% of the submitted projects.

Attwood Ranch (Elk Grove)



Attwood Ranch is a 338.66 acre cattle ranch located in south Elk Grove. This property is located near residential and industrial areas and is adjacent to Emerald Lakes Golf Course.

Historically, these irrigated pastures are significant mosquito breeding sites for *Ae. nigromaculis*. Control Operations submitted a request for vegetation control along the Union Pacific Railroad and the pasture drains where water stagnates. Ecological Management staff utilized the track loader with the brushing attachment to maintain access for Control

Operations staff. This access will allow technicians to treat with liquid larvicides and increase the efficacy of the material and reduce the reliance on residual materials.

Hawk Creek Ranch (Yolo County)

Hawk Creek Ranch is a 443 acre pistachio farm located along Cache Creek in Yolo County. This project consisted of mowing means of entry for Control Operations staff to access approximately 11.98 acres of detention basins that are bordering Wild Wings Golf club. The detention basins collect water from winter effluent and from seepage from a concrete lined irrigation canal located immediately to the south of the basins. Biological control for mosquito populations can be primarily achieved with mosquitofish if access paths are notched through the dense vegetation to get the mosquitofish to the breeding site.



Images Provided by: Guy Kachadorian

Planning Program

The Ecological Management Department continues to review planning documents received from local, city, and county planning departments and commissions. Each project submitted is reviewed on a project by project basis and comments are made to projects that may have an impact on mosquito control activities. Currently, the department is reviewing several projects including but not limited to:

Palomino Place Project (City of Davis)

This project would consist of 163 residential units that would include a 1.4 acre site for a Pentathlon Training Facility in the City of Davis. A notice of Draft Subsequent Environmental Impact Report was reviewed by staff and no cumulative effects to mosquito control activities were observed.

Mather Veterans Village Phase 4 (Rancho Cordova)

The proposed project is to develop 70 apartments for unhoused or disabled veterans to include multi-family 3 story buildings located on the southeast corner of Bleckley Street and Shirra Ave. No comments are needed at this stage of the project and comments will be addressed when the stormwater plans are available.

Kaiser Permanente Railyards (City of Sacramento)

This project consists of developing a new 17.41 medical center in the Sacramento Railyards. As this project is still in its preliminary planning stage, no comments are needed at this time. Comments will be addressed when infrastructure plans are developed.

Swanston Ranch Pump Station (U.S Army Corp of Engineers)

This proposed project consists of installing a new pump station in the Tule Canal in Yolo County. This project will have a positive effect on mosquito control activities as the current pump station that serves as the flood up mechanism for the majority of duck clubs adjacent to Tule Canal north of Hwy 80 is undersized and in disrepair. The new pump station should allow the irrigation channels and adjacent wetland to fill faster, reducing the need for residual products.

BIOLOGICAL CONTROL

Monthly Report for May 2024 Board Meeting

In April, the Fisheries Department completed the transfer of mosquitofish from our grow-out ponds to our netted ponds. In total, 379 pounds of mosquitofish were moved during this process. We started to see our first fry in April, indicating our mosquitofish season is on schedule. When fry are first detected, we start feeding ponds twice daily. Fish are left to grow in the ponds until our rice stocking program begins, which typically starts in mid to late June. We will supplement our program by seining outside sources if additional fish are needed during this growout period. Furthermore, we were delighted to welcome two new seasonal employees, whose contributions are greatly valued. In addition to their regular task, they also assisted the Ecological Department with cemetery vase inspections and treatments. Lastly, our department continued with pond fertilization, crawfish trapping, and other projects to prepare for the season ahead.

Log of Treatment Applied for April

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	50.4 lbs	204 Acres	410
Guppies (<i>Poecilia reticulata</i>)	0 lbs	0 Acres	0

Log of Treatment Applied for the year 2024

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish	102.6 lbs	456.8 Acres	842
Guppies	0 lbs	0 Acres	0

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
41,000.00	19,988.55	21,011.45	49%



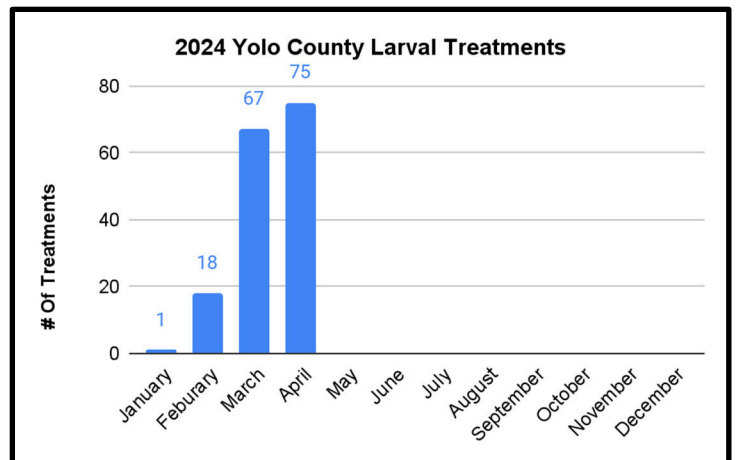
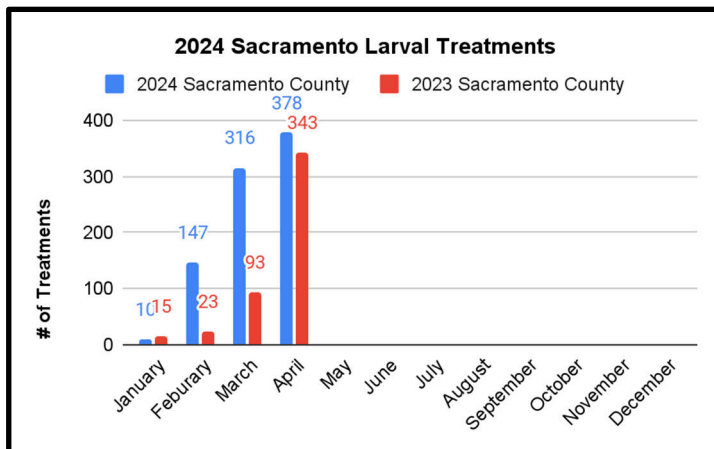
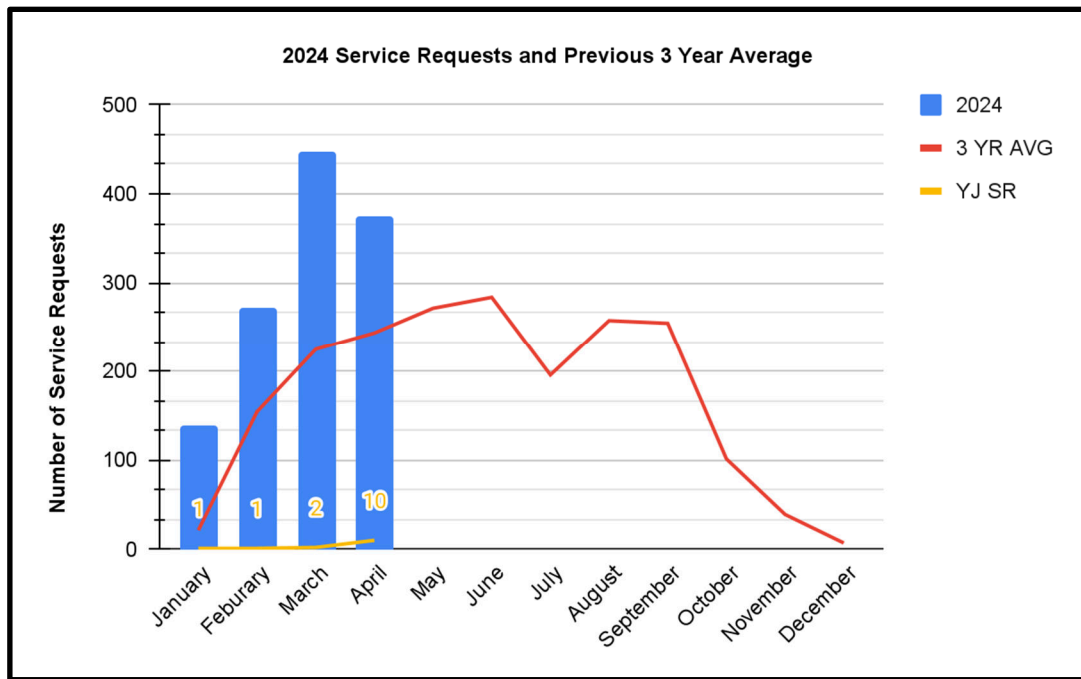
From left to right: Tech's spreading manure, crawfish trapping, pond circulation.

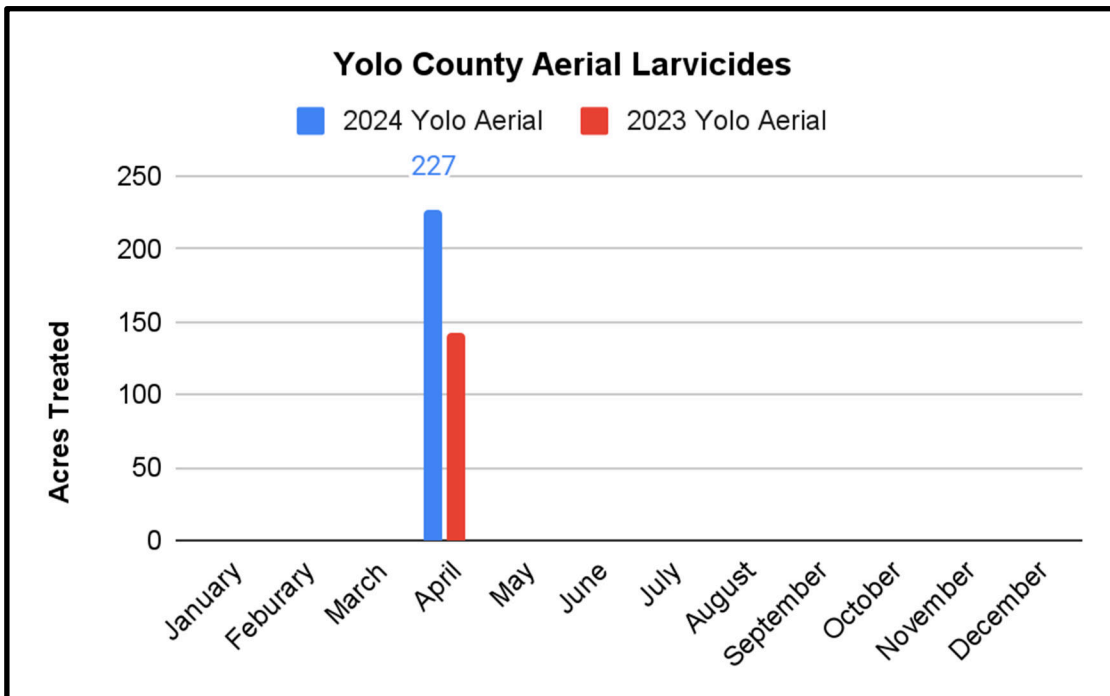
CONTROL OPERATIONS Monthly Report for the May 2024 Board Meeting

Culex, West Nile Virus (WNV) and General Mosquito Control

No response was needed for WNV control in the month of April.

Crews have been inspecting and treating spring flooded areas and responding to adult mosquito and inspection service requests as the daily temperatures have gradually begun to increase. Treatments included residential barrier sprays, larvicide treatments and oak tree holes along with other spring season related sources.





Urban Control Operations:

Invasive Aedes Control Program

The Aedes control Department has initiated seasonal setting of traps with four adult *Aedes aegypti* detected in the month of April. These detections resulted in eleven adult control applications to the surrounding properties.

Catch Basin Program

Catch basin Program has treated 9,284 and Inspected 33,605 Basins to date. In 2023 a total of 6,504 were treated at this time. The Catch Basin Program will continue its efficacy sampling sites to monitor efficacy of each product throughout the District. Products are rotated based upon residual timing of each product throughout the District.

Pool Program

The District's green pool mailer program sent mailers to residents who have previously known unmaintained swimming pools in the South Sacramento, Pocket, and Elk Grove areas. It is anticipated that the recipients of the mailers will update the District on the current status of their pool and request assistance in treating the pool for mosquitoes if it has not been or is unable to be turned into an operational blue pool.

Yellow Jacket Control

Both the North and South Sacramento crews have begun deploying baited traps to capture emerging yellow jacket queens seeking to establish new nests. With only a handful of traps collected so far, 662 queens have been captured this year.

Calibrations

Staff has commenced the calibration process for the District's Ultra Low Volume (ULV) adult mosquito control equipment. This calibration will continue as conditions permit until all equipment at both District facilities has been calibrated.

Additionally, staff actively participated in the calibration of granular larvicide products alongside the District's manned aerial larviciding contractor, Farm Air Flying Service. Staff weighed all products and provided Farm Air Flying Service with the swath characterizations of all District products to be used this season.



PUBLIC INFORMATION AND EDUCATION
Monthly Report for May Board Meeting

Media Coverage:

As a result of our annual update and presentation to the Sacramento County Board of Supervisors, a reporter from the Sacramento Bee reached out requesting West Nile virus human case data. Once provided, it resulted in a lengthy article highlighting the sharp increases in West Nile virus cases in 2023 as compared to previous years. The article served to highlight the severity of WNV, the importance of mosquito control and how 2024 may be another busy year.

Advertising

The 2024 advertising campaign kicked off during Mosquito Awareness Week (MAW) and it included commercials on English and Spanish radio stations to announce the beginning of the mosquito season and to encourage residents to prevent mosquitoes and request our District services.

Moving forward beyond MAW, the 2024 media plan, which includes a wide mix of advertising outlets including television, radio, outdoor billboards, digital ads and cable ads, is nearly finalized and contracts are being negotiated by media consultant Gary Benjamin in coordination with District staff.

CW 31 and Rivercats Partnership

In addition to all traditional media outlets of our advertising campaign, we are continuing with our partnership with local television station CW 31 and the Sacramento Rivercats, the local baseball team. Since CW 31 is the official station that airs all Rivercats home games throughout the season, as part of our buy they are adding live mentions during games. Mention will include different messages such as “The Sacramento Yolo Mosquito and Vector Control District reminds you it’s time to Fight the Bite and protect yourself from mosquitoes using an effective repellent when spending time outdoors” We also sponsor a segment called “the swat of the game” which includes a live mention of a prevention message, District logo and website.

Presentations:

A presentation to the Citrus Heights neighborhood association is scheduled for May 21st. It will be great to speak to residents about our mosquito control efforts in their community and provide recommendations on what they can do to reduce mosquito breeding sources around their home.

Government affairs:

As part of our government affairs and outreach to local elected officials, we have reached out and scheduled presentations with all cities to provide our annual District update. Presentations scheduled for May include:

May 20: Rancho Cordova

May 22: Elk Grove

May 28: Folsom

School Program

Our school program continues and the “What Bugs You” assemblies coordinated by Red Shoe Productions are underway at a variety of different schools. During the month of April, we hosted 6 assemblies reaching a total of 2184 students plus teachers and other faculty. The following assemblies are currently scheduled for May:

May:

May 3: Hazel Strauch Elementary

May 7: Gibson Elementary

May 20: Zamora Elementary

May 22: Spring Lake Elementary

Events:

May is one of our busiest months for events and we will attend a total of seven events including five days at the Sacramento County Fair. A highly anticipated event is a Walk on the Wildside. This unique event is held at Beach Lake Park on the Stone Lakes Preserve and will include wetland tours, a variety of conservation exhibits and many children’s activities. For the first time we will also participate and partner with the Save the Snakes for their Snake Fest.

May events:

May 5: Arcade Trail Opening

May 11: iFest in Rancho Cordova

May 11: Snake Fest

May 17: Celebrate Davis

May 18: A Walk on the Wildside

May 25: International Kids Day

May 23-27: Sacramento County Fair

Repellent Distribution and materials

We continue to receive requests for repellent wipes from various community organizations. In recent weeks we have donated wipes to Heritage Park, a senior living community in north Natomas and a girls’ softball team in Galt. In addition, the city of Sacramento District 6 requested materials and repellent samples and a UC Davis student requested brochures and other materials to distribute during a presentation as part of the Farmer Speakers series for the Center of Land Based Learning out in Woodland.

Social Media

Our social media efforts continue and to date we have 14,000 followers on Facebook. Content is focused on reporting dead birds, promotion of District services and tick prevention for Lyme Awareness Month.

New Materials

We recently updated the service tags used by Urban Operations as they conduct door-to-door inspections for invasive mosquitoes. In addition we produced new vehicle decals for the Catch Basin jeeps that include a QR code which residents can scan to obtain more information on the various functions of the catch basin program.

Sacramento-Yolo Mosquito and Vector Control District

May 21, 2024 Board Meeting

4. Board Review and Discussion of District Plan for 2024 Rice Larvicide Applications and Aerial Adulticiding Program

Staff Report:

RICE LARVICIDE PROGRAM

The District is anticipating similar rice acreage for 2024 compared to last year (~44,312) based on early conversations with rice growers and water availability. Staff will be able to provide a better estimate for rice acreage during the June Board meeting.

The District will continue using *Bacillus thuringiensis var. israelensis (Bti)* products as the primary active ingredient in the larvicide program. Both liquid and granular options will be used for both conventional and organic rice. The District applied approximately 3,375 gallons of liquid larvicides and 596,486 lbs. of dry granular products last season. It should be noted that the products for organic rice cost more than the ones for conventional rice. In order to assist with mosquito control in the organic rice habitat we plan to continue stocking the rice fields with mosquito fish at a higher rate than we use for conventional rice fields.

Cost of Larvicide Products used in Rice

<u>Product</u>	<u>Cost</u>	<u>Cost per Acre</u>	<u>Organic</u>
Vectobac 12AS (8-16 floz/ac)	\$31.26/gal	\$1.95-\$3.91	No
Vectobac WDG (3-5 oz/ac)	\$37.60/lb	\$7.05-\$11.75	Yes
Vectobac GR (5lb/ac)	\$1.97/lb	\$9.85	Yes
Vectobac GS (5lb/ac)	\$1.62/lb	\$8.10	No
Altosid Liquid (1 oz/ac)	\$1048.20/gal	\$8.19	No
Duplex (liquid Bti + Altosid)		\$12.10	No

The District continued using scheduled weekly larvicide treatments on rice fields from July into early September of 2023. This process freed up multiple technicians from weekly rice dipping and allowed them to stay in their assigned zones treating other sources. The scheduled treatment program will continue to be implemented in buffer zones around dense population areas for the 2024 season. Rice larval inspections (dipping) will still be performed in treatment areas periodically to assess effectiveness of treatments.

Farm Air Flying Service will continue to be our primary aerial larvicide applicator as we have been very happy with their services.

AERIAL ADULTICIDE PROGRAM

The District will continue its contract with Vector Disease Control International (VDCI) to perform aerial adult mosquito control. Our portion of the contract specifies a minimum acreage of 530,000 acres of treatments at the contract price. Any overage is charged as an additional expense. Last season we treated 725,027 (includes urban treatment) acres due to mosquitoes produced in the rice field habitat and increased West Nile virus activity.

Adulticide treatments in the rice habitat last year involved both aerial applications by VDCI and truck applications by our field technicians. We will continue utilizing both application methods this season and plan on continuing our evaluations of our treatments to further maximize our effectiveness.




The District's adult mosquito control program utilizes two main products during the year. Pyrethrin is used at the beginning of the season and then the District switches to Naled at mid-season until the end of the mosquito breeding season. The District has used Merus 3.0 which is a pyrethrin based adulticide labeled for aerial applications over organic rice fields in previous seasons. The organic fields present a challenge in controlling adult mosquitoes as Merus 3.0 is the only registered product available for ULV applications over organic properties. This year the District will use Merus 3.0 as needed for WNV response to control adult mosquitos over organic rice growing areas. The cost of this organic approved product is \$6.42 per acre at 2.0 fl oz per acre vs the typical cost of \$1.26 per acre at 0.80 fl oz per acre for conventional pyrethrin products.

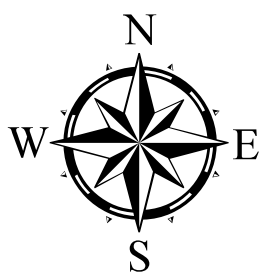
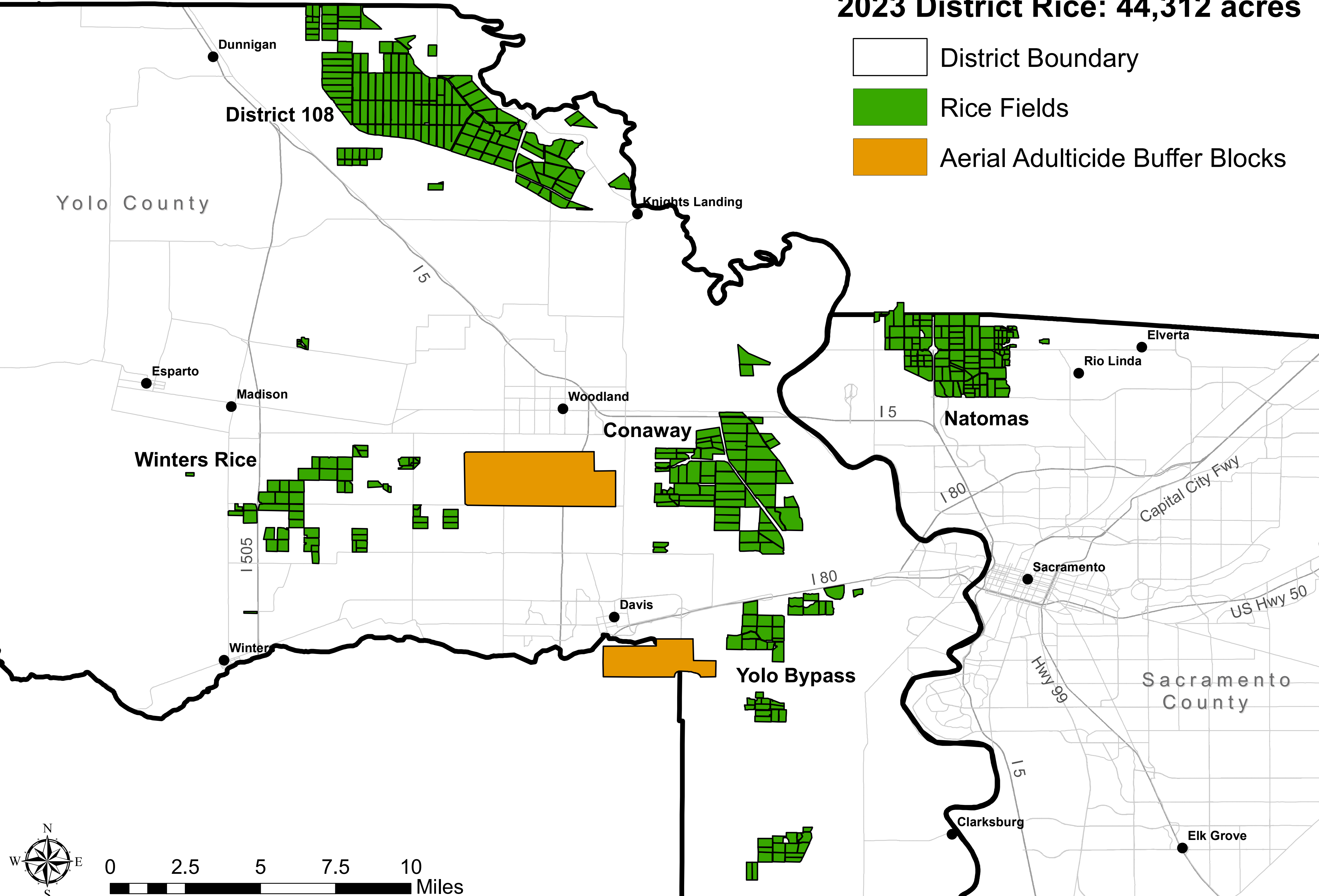
The following is an acre breakdown for each of the rice growing areas the District treated aerially last year as identified with the attached map.

Conaway (Organic Rice)- 16,320 – 3 applications
Natomas -119,219 acres -17 applications
Davis Area -179,458 acres -42 applications
Merritt -141,025 acres -21 applications
District 108 -145,568 acres -15 applications
Winters Rice – 76,852 acres – 8 applications

Recommendation **Report to Board**

2023 District Rice: 44,312 acres

-  District Boundary
-  Rice Fields
-  Aerial Adulicide Buffer Blocks



Sacramento-Yolo Mosquito and Vector Control District

May 21, 2024 Board Meeting

5. Board Review and Discussion of District Projects and Collaborations for the 2024 Season

Shelf stable CO₂: Target Specialty has formed a partnership with Garden City Fungi to investigate the utility of ExHale CO₂ bags for mosquito trapping as an alternative for dry ice. The ExHale bags contain a fruitless mycelium that produces CO₂. We will test the suitability of these bags on EVS traps during the 2024 season. <https://www.exhaleco2bags.com/>

Family-level insecticide resistance investigation in *Culex pipiens*: By leveraging natural genetic variations in mosquitoes, we can better understand the mechanisms that drive insecticide resistance at the population level, and potentially discover specific genes and pathways associated with resistance. For this project we will utilize siblings from a single egg raft to evaluate family-level differences in insecticide knockdown times and can use this data to determine resistance levels and the heritability of resistance traits.

Dog heartworm surveillance in urban spaces: Heartworm disease is a serious and potentially fatal disease in pets in the United States and many other parts of the world. Caused by the nematode *Dirofilaria immitis* that lives in the heart, lungs, and associated blood vessels of affected animals. The parasite's main vector is the western tree-hole mosquito, *Ae sierrensis*, although some studies have shown that several species such as *Aedes aegypti*, *Ae. albopictus*, *Ae. vexans*, *Anopheles freeborni*, *Culiseta incidens*, *Cu. inornata*, *Culex quinquefasciatus*, and *Cx. tarsalis*. may play a secondary role in transmission. We aim to establish a baseline infection rate in mosquitoes at the Sacramento Zoo and across dog parks in both the Sacramento and Yolo counties by trapping, collecting, pooling and testing mosquitoes for heartworm throughout the 2024 season.

Sumilarv in cemetery vases: The Sacramento and Yolo counties have an estimated 247,000 in-ground cemetery vases across 37 cemeteries. These vases often collect sprinkler water and provide habitat for immature mosquitoes. These vases present a control challenge because they both collect water and are disturbed (dumped out) at unpredictable intervals. The dumping of vases can inactivate some control methods, such as Water-sorb. We are assessing the use of Sumilarv in cemetery vases. This product has provided extended larval control in catch basins even following flushing events.

Collaboration with Tara Thiemann (University of the Pacific): Starting in 2023 we began a study investigating the impact of insecticide resistance on mosquito control effectiveness. A rice field population of *Culex tarsalis* was assessed for levels of resistance using multiple measures.

Then aerial ULV applications were conducted over that population. The applications were assessed using sentinel cages and the field population was trapped to assess the impact of the applications at a population level. This year we will continue work on this project focusing on improved methods for resistance testing and age grading of *Culex tarsalis*.

Collaboration with Daniel Mendoza (University of Utah): The timing of insecticide application is essential for effective vector control. For this project we aim to assess species composition in urban and agricultural areas that are subject to different levels of light pollution with the goal of establishing mosquito activity patterns across a variety of landscapes for more targeted control. Additionally, we will investigate the release of CO₂ from different sources (including ExHale bags) to determine the attractant range for different CO₂ sources.

Collaboration with Pan-African Mosquito Control Association (PAMCA): The District is working with PAMCA to organize another visit of mosquito control experts and public health officials from various African counties. The collaboration between the SYMVCD and PAMCA demonstrates the importance of international partnerships and collaboration in mosquito control efforts. By sharing knowledge and expertise, we can work together to combat the spread of mosquito-borne diseases and improve public health outcomes both locally and globally.

Recommendation:
Report to Board

Sacramento-Yolo Mosquito and Vector Control District

May 21, 2024 Board Meeting

6. Board Review and Discussion of Draft District Budget for 2024-2025

Staff Report:

Please find enclosed the first draft of the 2024-2025 District Budget.

A few highlights of the draft budget:

- 1) Revenue projections are estimated to be 5.89% higher in Sacramento County and 6.50% higher in Yolo County.
- 2) The District's CalPERS UAL is currently about \$12.4M which is \$5M more than last year. The increase is due to the poor returns that the fund received in 2022 as these valuations are a year behind. Staff will continue a more aggressive payment schedule to help reduce the long term impacts and save the District money when feasible. The early returns for 2023 will probably show a decrease to the amount in the next valuation. The District is proposing making an additional discretionary payment to CalPERS in the amount of \$1.5M in addition to the budgeted payment. The UAL for the PEPRA plan is approximately \$130,000 and is currently 94% funded for the year.
- 3) The District is planning on researching capital expenditure projects this fiscal year including remodel/expansion of the Laboratory auxiliary room, further investigation into additional parking options, and netting of ponds to yield higher fish production. Planned purchases of equipment needed to conduct daily activities across various departments will also be considered. Included in the capital expenditure line item is the plan to save funds for future projects including upgrading the fleet and potential building expansion/enhancements.
- 4) The Consumer Price Index (CPI) for the West Region (as found on the U.S. Department of Labor, Bureau of Labor Statistics web site) for March 2024 is ~3.6%. The current budget includes an increase of 3.6% except for the Manager and both Assistant Managers.

Recommendation:

For Board review and discussion. Staff anticipates bringing the 2024-2025 Budget to the Board again in June as another draft and then for adoption at the July meeting.



Sacramento-Yolo Mosquito and Vector Control District

Fiscal Year 2024-2025 Budget

ANTICIPATED REVENUES AND ESTIMATED EXPENDITURES

Revenues

Fiscal year revenue is determined through a growth forecast provided by the auditor controller of each County. These estimates are based on the preliminary tax rolls as of July 1.. Several revenue categories are affected by property tax growth within Sacramento and Yolo Counties. These categories consist primarily of current secured and current unsecured tax monies. The District apportionment factor for secured and unsecured properties ranges between 0.007-0.008 of 1% of total valuation. The blended increase in revenue based on the values below from the county assessor offices would be 5.97%.

Sacramento County

Year	Roll Values	Amount of Change	Percentage Change
2023-2024	\$220,199,116,417	\$12,248,207,789	5.89%
2022-2023	\$207,950,908,628	\$8,246,566,302	4.13%
2021-2022	\$199,704,342,326	\$9,856,543,030	5.19%
2020-2021	\$189,847,799,296	\$10,682,188,084	5.96%
2019-2020	\$179,165,611,212	\$10,984,431,509	6.53%
2018-2019	\$168,181,179,703	\$10,633,074,991	6.75%
2017-2018	\$157,548,104,712	\$ 9,495,699,299	6.41%
2016-2017	\$148,052,405,413	\$ 7,361,121,567	5.23%
2015-2016	\$140,691,283,846	\$ 6,193,465,438	4.60%
2014-2015	\$134,497,818,408	\$ 8,186,226,622	6.48%
2013-2014	\$126,311,591,786	\$ 4,816,559,925	3.96%
2012-2013	\$121,495,031,861	-\$3,316,714,715	-2.66%
2011-2012	\$124,811,746,576	-\$3,957,804,112	-3.07%
2010-2011	\$128,769,550,688	-\$2,857,967,297	-2.17%
2009-2010	\$131,627,517,985	-\$9,002,844,284	-6.40%
2008-2009	\$140,630,362,269	\$ 2,923,341,534	2.12%

Yolo County

Year	Roll Values	Amount of Change	Percentage Change
2023-2024	\$36,006,664,106	\$2,196,633,204	6.50%
2022-2023	\$33,810,030,902	\$2,280,330,139	7.23%
2021-2022	\$31,529,700,763	\$1,342,060,266	4.45%
2020-2021	\$30,187,640,497	\$1,477,721,361	5.15%
2019-2020	\$28,709,919,136	\$1,496,031,577	5.50%
2018-2019	\$27,213,887,559	\$1,458,729,298	5.66%
2017-2018	\$25,755,158,261	\$1,291,138,670	5.28%
2016-2017	\$24,464,019,591	1,224,570,521	5.27%
2015-2016	\$23,239,449,070	\$1,420,848,471	6.51%
2014-2015	\$21,818,600,599	\$1,343,122,551	6.56%
2013-2014	\$20,475,478,048	\$817,237,298	4.16%
2012-2013	\$19,658,240,750	-\$57,208,464	-0.29%
2011-2012	\$19,715,449,214	-\$158,163,578	-0.80%
2010-2011	\$19,873,612,792	-\$386,889,416	-1.91%
2009-2010	\$20,260,502,208	-\$66,376,927	-0.33%
2008-2009	\$20,326,879,135	\$656,503,045	3.34%

Anticipated Revenues

Anticipated revenues are generated from past performance with projections added from assessed value growth in both counties. The current housing market is slowing down but with higher prices due to the interest rates. We conservatively anticipate fiscal year 2024-2025 revenues, including supplemental tax and non-tax revenues, to be approximately **\$20,209,183** as outlined below including a 5% increase over last year:

Sacramento County Property Tax Revenues	\$ 16,784,727
Minus property tax administration fees	\$ 155,000
Subtotal	\$ 16,629,727

Yolo County Property Tax Revenues	\$ 2,754,456
Minus property tax administration fees	\$ 25,000
Subtotal	\$ 2,729,456

Anticipated Total Property Tax Revenue	\$ 19,359,183
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Anticipated Interest Earnings	\$ 175,000
Other Tax Revenues	\$ 500,000
Other Revenue (rent, mosquito control payments, etc.)	\$ 175,000

Anticipated Total Revenues for FY 2024-2025:	\$ 20,209,183
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Cash In Bank

The District will start off with “cash in bank” often equal to the amount of revenue received for a fiscal year, and may give the appearance of over-funding, but does not take into account the need for “dry financing” cash to sustain operations between tax receipts. The District anticipates starting the 2024-2025 fiscal year with just over \$16,000,000.

District Fund Balance-Pursuant to Resolution 06-21-11 (District Fund Balance Policy), District reserves have been placed in the following three categories:

Committed Fund Balance

The Board of Trustees, as the District’s highest level of decision-making authority, may commit fund balance for specific purposes pursuant to constraints imposed by formal actions taken, such as a resolution. These committed amounts cannot be used for any other purpose unless the Board of Trustees removes or changes the specified use through the same type of formal action taken to establish the commitment. The Board of Trustees action to commit fund balance needs to occur within the fiscal reporting period; however, the amount can be determined subsequently.

- **Reserve for Vector / Disease Response**

The District’s General Fund balance committed for a public health emergency is established at \$3,000,000. The specific uses include overtime hours, additional aircraft work, and additional larval control in the event of a public health emergency requiring immediate District response that cannot be absorbed through the existing budget.

- **Capital Expenditures**

Fund balance levels must be sufficient to meet funding requirements for capital expenses of: capital outlay, research, and building improvement. \$700,000 is currently assigned for this category. *If approved, a total of \$1,242,000 would be allocated to the Capital Expenditure accounts as follows:*

<u>24-25 Proposed Capital Expenditures</u>	
Ecological Management	
Skeleton Bucket	\$6,500
4/1 Bucket	\$6,500
7011-Eco Management Total	\$ 13,000
Shop	
Strut/Spring Tool	\$ 2,000
Air Compressor Dryer	\$15,000
7011-Shop Total	\$ 17,000
Lab	
RNA Extractor	\$70,000
7011-Lab Total	\$ 70,000
Public Information	
Projector	\$2,000
7011-Public Information Total	\$2,000
Fisheries	
Netted Pond	\$ 100,000
7011-Fisheries Total	\$ 100,000
Information Technology	
Desktop Upgrades	\$ 6,000
Server/Network	\$ 5,000
Supervisor Laptop Upgrades	\$ 4,000
7011- Information Technology	\$ 15,000
7011-Capital Outlay Total	\$ 217,000
Equip/Vehicle Replacement	
7016-Equip/Vehicle Replacement Total	\$ 600,000

Building Improvement	
Lab Building Expansion (Aux Room)	\$100,000
Parking Garage	\$250,000
7035-Building Improvement Total	\$ 350,000
Research	
AMCARF	\$ 75,000
7030 -Research Total	\$ 75,000
Grand Total All Capital Outlay Accounts	\$ 1,242,000

Assigned Fund Balance

Amounts that are constrained by the District’s *intent* to be used for specific purposes, but are neither restricted nor committed, should be reported as assigned fund balance. District policy delegates the authority to assign amounts to be used for specific purposes to the Manager for the purpose of reporting these amounts in the annual financial statements.

- **Salaries and Benefits**

Fund balance levels must be sufficient to meet funding requirements for salaries, PERS retirement, group insurance, and unemployment insurance.

- **Operational Expenditures**

Fund balance levels must be sufficient to meet funding requirements for operational functions of: liability insurance, auditing/fiscal services, communications, public information, structure and grounds, membership/education/training, office, professional services, material and supplies, rents and leases, safety program, utilities, aircraft services, ecological management, microbials, biorationals, insecticides, fisheries, geographic information systems, information technology, control operations, vehicle parts and labor, lab services, gas and petroleum.

- **Cash with Fiscal Agent**

Fund balance levels must be sufficient to meet funding requirements of the Vector Control Joint Powers Agency. The established prudent balance is figured using two potential “hits” or cases per category as illustrated in the table below.

The projected balance at 6/30/24 is anticipated to be \$1,821,342 and will be updated with a final balance once the last quarter and year-end gain/loss reports have been made available.

Policy/Payment Type	Deductible	Premium	x2
Workers' Comp	\$ 50,000		\$ 100,000
Liability	\$ 50,000		\$ 100,000
APD	\$ 500		\$ 2,000
Property	\$ 500		\$ 1,000
24-25 Premium to be Invoiced		\$ 574,234	\$ 1,148,468
		Suggested Prudent Balance	\$ 1,351,468
		Estimated Balance as of 6/30/2024	\$ 1,821,342
		Est. Payment to Maintain Prudent Balance	\$ -

Unassigned Fund Balance

These are residual positive net resources of the general fund in excess of what can be properly classified in one of the other four categories. This accounts for the need of “dry financing” cash to sustain operations between tax receipts, as well as any reductions in revenues from unrealized growth. District staff anticipates this to be approximately \$2,730,000 as illustrated in the chart below.

District Estimated Reserves & Fund Balance at 6/30/24	
Cash in Count Treasury	\$ 16,000,000
Disease Response	\$ 3,000,000
Capital Outlay	\$ 700,000
Building Improvement Fund	\$ 770,000
Vehicle Fund	\$ 1,800,000
Dry Financing	\$ 7,000,000
Unassigned Reserves	\$ 2,730,000

ANTICIPATED EXPENDITURES

The District is concerned about the current state of the economy and the potential long-term impact as it relates to future revenues of the District. Staff has been in contact with both Sacramento and Yolo County Assessor's offices along with CalPERS to assess future revenue limitations. The general consensus is that the long term fiscal impacts are not currently known.

Personnel Expenditures

The District expenditures for salaries, temporary help, retirement and insurance are \$10,686,724 Per previous Board direction, this figure does not include 2 Board authorized positions that staff are proposing to continue to leave vacant.

The Consumer Price Index (CPI-U) for the West Region as found on the U.S. Department of Labor, Bureau of Labor Statistics web site for March 2024 is ~3.6%.

The following categories are breakdowns of the Personnel Expenditures:

Retirement Fund-5110 & 5115

The Tier 1 (2.5% at 55 with 39 employees in this tier) employer contribution rate is comprised of the Normal Cost, the UAL, and the employee contribution of 7.96% .

The Normal Cost for FY 24/25 is 14.62%. The unfunded liability for Tier 1 is budgeted for \$1,398,735. The UAL is currently at a funding status of 78.2% down 8% from last fiscal year.

The Tier 2 (2% at 62 with 42 employees in this tier) employer contribution rate is comprised of the Normal Cost (FY 24/25 is 8.15%) and the UAL.

The Tier 2 UAL is much lower than Tier 1 as the District has been paying it in its entirety each year. The unfunded liability for Tier 2 is budgeted for \$135,000 as the District is 91.4% funded.

Staff is proposing to maintain a more aggressive payment schedule to help pay down this liability as noted in the budget to decrease long-term interest costs to the District. The District may also want to make an additional discretionary payment to help pay down this liability sooner and have included a \$1.5M payment as reflected in the budget.

PERS Retirement Normal Costs

2023-2024 Budget	Proposed 2024-2025 Budget
\$890,304	\$913,858

PERS Retirement Unfunded Accrued Liability (UAL)

2023-2024 Budget	Proposed 2024-2025 Budget
\$2,727,800	\$3,033,735

Group Insurance-5130

District policy for group insurance funds up to \$1,400 per employee per month if medical insurance is taken and \$650 per employee per month if medical insurance is waived. This provides funds for employees to purchase major medical, dental, vision, long-term disability, and basic life insurance. Benefits are provided on a calendar year basis and rates for the second half of the fiscal year are not known until renewal occurs in the fall.

2023-2024 Budget	Proposed 2024-2025 Budget
\$938,699	\$1,055,050

Retiree Insurance 5131

When establishing the CERBT account for Other Post-Employment Benefits (OPEB) the District made a payment to fully “Fund” the account. The actuarial valuation of the account is done every two years adjusting for changes in the demographics, assumptions and discount rate of the group. Staff recommends paying the cost of premiums for current retirees estimated at \$115,000 for the fiscal year. No payments to the Trust are proposed with this budget.

2023-2024 Budget	Proposed 2024-2025 Budget
\$109,499	\$87,942

Unemployment Insurance-5140

Unemployment expenses vary year to year depending on the number of unemployed employees, the number of months unemployed, and the amount of salary received prior to release from employment.

2023-2024 Budget	Proposed 2024-2025 Budget
\$30,000	\$30,000

Worker’s Compensation-5150

The workers compensation budget consists of the amount to cover all claims for the current year and is programmed to fund current claim expenses that continue for up to 48 months. The Vector Control Joint Powers Agency determines the District’s 2023-2024 fiscal year payment based on the estimated annual payroll and is adjusted to the actual annual payroll and claims experience at the end of the fiscal year.

2023-2024 Budget	Proposed 2024-2025 Budget
\$238,785	\$251,920

Operational Expenditures

Each category is listed in the following pages with a brief description of the items in the various categories.

Liability Insurance-5210

The liability insurance account provides coverage for general liability, vehicle liability, automobile comprehensive and collision coverage, property damage, boiler machinery coverage, airplane coverage, employment and overhead expenses for services which do not directly relate to any particular insurance program. The estimated rates for all liability coverage are based on annual payroll and claims as provided by the VCJPA.

2023-2024 Budget	Proposed 2024-2025 Budget
\$269,928	\$322,314

Auditing / Fiscal Fee-5250

All services for auditing and preparation of the State Controller's report are drawn from this account, as well as GASB compliance procedures and documents.

2023-2024 Budget	Proposed 2024-2025 Budget
\$25,000	\$25,000

Communications-5270 & 6250

Monthly service and maintenance for telephones, mobile phones, and any new installations draw from this account. Established internet connections for laptops and tablets are also reflected in this category. This includes our office phone system and communication devices used by our field personnel.

2023-2024 Budget	Proposed 2024-2025 Budget
\$110,000	\$100,000

Public Information Programs-5310

Services and supplies for the education program include pamphlets, bookmarks, stickers, leaflets, and booth entry fees. We intend to have an aggressive outreach program to educate the public regarding WNV, Invasive species, *Aedes albopictus* and *Aedes aegypti*, and other mosquito issues.

2023-2024 Budget	Proposed 2024-2025 Budget
\$611,000	\$702,000

Structure and Grounds-5340

This account provides for expenditures needed to build, maintain, and repair the structures, buildings, and grounds at District-owned facilities. This includes maintenance costs such as painting, plumbing, electrical, herbicides and other repairs.

2023-2024 Budget	Proposed 2024-2025 Budget
\$71,000	\$121,000

Memberships, Education, and Training-5370

This fund provides for AMCA and MVCAC conference and meeting expenses, which are attended by Trustees and District staff. Other items include MVCAC and AMCA dues, publications, and employee training (computer, supervisory, etc.). Travel to various association meetings has been included.

2023-2024 Budget	Proposed 2024-2025 Budget
\$160,000	\$160,000

Office Expenses-5390

All costs for office equipment maintenance, maps, postage, stationary, office supplies, field binders and books are included in this account.

2023-2024 Budget	Proposed 2024-2025 Budget
\$25,000	\$25,000

Professional Services-5430

This account provides for attorney fees, consultant fees, soil/water testing, pre-employment physicals, uniforms, drug testing, water quality compliance, aerial surveys and related outside services. The 2021-2022 budget includes planned MapVision upgrades.

2023-2024 Budget	Proposed 2024-2025 Budget
\$341,000	\$341,000

Materials and Supplies-5440

The materials and supplies line item covers a large number of items that are used in the shop and the field but are not accounted for in other areas.

2023-2024 Budget	Proposed 2024-2025 Budget
\$14,500	\$16,000

Rents and Leases-5450

This category funds special shop tools, copiers and large format printer, field equipment, and other items that are rented/leased.

2023-2024 Budget	Proposed 2024-2025 Budget
\$12,000	\$12,000

Safety Program-5470

This category funds the District Safety Program.

2023-2024 Budget	Proposed 2024-2025 Budget
\$5,000	\$5,000

Utilities-5480

Utility charges to the District are forecast based on previous year expenditures.

2023-2024 Budget	Proposed 2024-2025 Budget
\$140,000	\$140,000

Aircraft Services-6120

This item reflects the contract with VDCI to address adult mosquito control, as well as Farm Air and Leading Edge larviciding work. We intend to perform validation trials to ensure we are getting maximum performance from our larviciding treatments.

2023-2024 Budget	Proposed 2024-2025 Budget
\$1,129,000	\$1,179,000

Ecological Management Department-6140

This category is used to track our expenses to enhance BMP practices on various land uses including, but not limited to, agricultural, wetland, or other similar habitats. This department has 3 employees (One Supervisor and 2 technicians) in addition to 1 backhoe and other heavy equipment. We propose to continue to assist in the implementation of BMP’s with this category.

2023-2024 Budget	Proposed 2024-2025 Budget
\$22,000	\$29,000

Microbial-6160

This category incorporates various larvicide materials including Bacillus thuringiensis, Bacillus sphaericus. This account is used for field larvicides and any laboratory experiments. The expenditure in this account can vary from year to year depending on the amount of water available for irrigation of agricultural crops and wetlands.

2023-2024 Budget	Proposed 2024-2025 Budget
\$1,150,000	\$1,200,000

Biorationals-6170

This category incorporates various larvicide materials with methoprene and spinosad as active ingredients. This account is used for field larvicides and any laboratory experiments. The expenditure in this account can vary from year to year depending on the amount of water available for irrigation of agricultural crops and wetlands.

2023-2024 Budget	Proposed 2024-2025 Budget
\$1,200,000	\$1,250,000

Insecticides-6180

This category incorporates all of the materials used for adulticiding or oils for larviciding including any District experiments. The expenditure in this account can vary from year to year depending on the amount of water available for irrigation of agricultural crops and wetlands. The increase over previous years budget incorporates the amount needed to fulfill the VDCI contract.

2023-2024 Budget	Proposed 2024-2025 Budget
\$750,000	\$900,000

Fisheries Department-6220

Our mosquito fish hatchery at Bond Road supplies the public with mosquito fish and other predatory fish. It also provides fish for rice fields, wetlands, and other relatively permanent water sites. The department also exchanges fish with outside Districts for genetic reasons.

2023-2024 Budget	Proposed 2024-2025 Budget
\$41,000	\$41,000

Geographic Information Systems-6280

This category addresses our Geographic Information programs, and includes expenses for aerial photographs, software updates, and printer capabilities. The department continues to work on the development of online source reporting and maintenance to streamline automation. The inclusion of new and emerging programs will be evaluated to help the District obtain up to date information.

2023-2024 Budget	Proposed 2024-2025 Budget
\$9,000	\$9,000

Information Technology-6320

This category addresses software requirements and hardware capabilities for all other administrative and department uses, and includes software licensing, hardware, and other associated costs. The evolution of the IT department has created the need for efficient and updated data management. The department is also evaluating systems integration that will provide greater accessibility to the public to be able to interface with District services.

2023-2024 Budget	Proposed 2024-2025 Budget
\$150,000	\$150,000

Control Operations-6350

All non-vehicle associated equipment such as sprayers, hand-cans, dusters, and safety equipment are provided for in this account.

2023-2024 Budget	Proposed 2024-2025 Budget
\$70,000	\$70,000

Shop -6370

The District uses this fund for all repairs, parts and maintenance to the trucks and associated spray equipment, tractors, backhoes, trailers, and ATV's the District owns. Also included in this account is the outside labor and service.

2023-2024 Budget	Proposed 2024-2025 Budget
\$145,000	\$1595000

Laboratory Services-6420

The Laboratory Services fund will continue to provide for the mosquito colony, the light trap program, the EVS surveillance program, tick surveillance program, resistance program, and general laboratory supplies and equipment.

2023-2024 Budget	Proposed 2024-2025 Budget
\$230,000	\$232,000

Gas and Petroleum Products-6450

Uncertainties in oil producing regions make this category volatile at best.

2023-2024 Budget	Proposed 2024-2025 Budget
\$250,000	\$230,000

Capital Outlay/CIP-7011 & 1510

The fund balance created pursuant to GASB 54 reflects an amount of \$700,000 for this category. An itemized list of all of the planned Capital Outlay and Construction in Progress expenditures is on page 4 of this report.

2023-2024 Budget	Proposed 2024-2025 Budget
\$205,500	\$217,000

Equipment/Vehicle Replacement-7016

This account is used as a reserve fund to pay for the replacement of the vehicle fleet by saving funds on an annual basis.

2023-2024 Budget	Proposed 2024-2025 Budget
\$600,000	\$600,000

Contingency-7021

This account is used to track contingency planning to address potential issues such as temporary shutdowns due to non-vector related public health emergencies or disasters made by the District.

2023-2024 Budget	Proposed 2024-2025 Budget
\$0	\$ 0

Emergency Vector Response-7022

This account is used to track unanticipated emergency responses made by the District. The District has \$3 million dollars in reserve in the event of a public health emergency requiring immediate District response that cannot be absorbed through the existing budget. This may include overtime hours, additional aircraft work, and additional larval control.

2023-2024 Budget	Proposed 2024-2025 Budget
\$0	\$0

Research Fund-7030

2023-2024 Budget	Proposed 2024-2025 Budget
\$50,000	\$75,000

Building Improvement Fund-7035

This account was created to enhance our existing buildings or address critical maintenance issues. The Fund balance created pursuant to GASB 54 will be reflected in the Capital Outlay category.

2023-2024 Budget	Proposed 2024-2025 Budget
\$785,000	\$450,000

2024-2025 Budget Summary

Personnel Expenditures-Salaries and Benefits: \$ 10,686,724

Operational Expenditures: \$ 7,341,814

Capital Expenditures: \$ 2,742,000

Total Expenditures: \$ 20,770,538

Total Anticipated Revenues: \$ 20,209,183

Projected Revenues over Expenses: \$ (561,355)

Account Description	FY 24/25 Budget	FY 23/24 Budget
REVENUE	\$ 20,209,183.00	\$ 19,276,747.00
SALARIES/BENEFITS/WC	\$ 10,686,724.05	\$ 9,835,510.98
Administrative Department	\$ 1,161,179.66	\$ 1,061,398.85
Ecological Management Department	\$ 294,632.64	\$ 297,553.40
Shop	\$ 295,400.54	\$ 281,332.80
Control Ops Supervisors	\$ 669,457.84	\$ 589,029.00
Technicians	\$ 2,991,978.79	\$ 2,692,169.00
Seasonal Helpers	\$ 290,147.38	\$ 420,000.00
Biological Control: Lab Dept	\$ 1,073,660.15	\$ 1,006,991.00
Biological Control: Fisheries Dept	\$ 226,709.15	\$ 208,596.15
Trustee Monthly Meeting	\$ 16,867.20	\$ 16,800.00
P.E.R.S. Retirement Normal Costs	\$ 913,858.00	\$ 966,450.00
P.E.R.S. Retirement UAL	\$ 1,533,735.00	\$ 978,207.00
Group Insurance	\$ 1,055,050.27	\$ 938,699.00
Retiree Insurance Costs	\$ 87,942.43	\$ 109,499.78
Unemployment Insurance	\$ 30,000.00	\$ 30,000.00
WORKERS COMPENSATION	\$ 251,920.00	\$ 238,785.00
OPERATIONAL	\$ 7,341,814.00	\$ 7,277,428.00
LIABILITY INSURANCE	\$ 322,314.00	\$ 296,928.00
AUDITING/FISCAL	\$ 25,000.00	\$ 25,000.00
COMMUNICATIONS	\$ 100,000.00	\$ 110,000.00
Telephone	\$ 45,000.00	\$ 42,000.00
Internet	\$ 30,000.00	\$ -
Mobile Devices	\$ 25,000.00	\$ 68,000.00
PUBLIC INFORMATION	\$ 702,000.00	\$ 611,000.00
School Program	\$ 125,000.00	\$ 101,000.00
Publications	\$ 22,000.00	\$ 27,500.00
Marketing	\$ 57,000.00	\$ 20,000.00
Advertising	\$ 400,000.00	\$ 358,000.00
Events/Fees	\$ 97,000.00	\$ 102,000.00
Misc Admin	\$ 1,000.00	\$ 2,500.00
STRUCTURE & GROUNDS	\$ 121,000.00	\$ 71,000.00
Landscaping & Grounds	\$ 21,000.00	\$ 11,000.00
Building Services & Repairs	\$ 60,000.00	\$ 20,000.00
Janitorial	\$ 40,000.00	\$ 40,000.00
MEMBER/TRAINING	\$ 160,000.00	\$ 160,000.00
Travel	\$ 40,000.00	\$ 55,000.00
Conference/Training/Mtg	\$ 55,000.00	\$ 45,000.00
CDPH-Certification Expenses	\$ 20,000.00	\$ 15,000.00
Subscrip/Memshp/Dues	\$ 45,000.00	\$ 45,000.00
DISTRICT OFFICE EXPENSES	\$ 25,000.00	\$ 25,000.00
PROFESSIONAL SERVICES	\$ 284,000.00	\$ 122,000.00
Permits/Fees	\$ 9,000.00	\$ 9,000.00
Legal	\$ 80,000.00	\$ 110,000.00
Medical	\$ 3,000.00	\$ 3,000.00
Consulting	\$ 120,000.00	\$ 120,000.00
Security	\$ 7,000.00	\$ 7,000.00
Uniforms	\$ 45,000.00	\$ 35,000.00
Aerial Survey	\$ 20,000.00	\$ 20,000.00

MATERIALS & SUPPLIES	\$ 16,000.00	\$ 14,500.00
Water/Coffee	\$ 9,000.00	\$ 8,000.00
Janitorial Supplies	\$ 5,000.00	\$ 5,000.00
Locks/Keys	\$ 500.00	\$ 500.00
Kitchen	\$ 1,500.00	\$ 1,000.00
RENTS & LEASES	\$ 12,000.00	\$ 12,000.00
SAFETY PROGRAM	\$ 5,000.00	\$ 5,000.00
UTILITIES	\$ 120,000.00	\$ 140,000.00
AIRCRAFT SERVICES	\$ 1,179,000.00	\$ 1,129,000.00
Larviciding	\$ 730,000.00	\$ 730,000.00
Adulticiding	\$ 440,000.00	\$ 390,000.00
Trials	\$ 9,000.00	\$ 9,000.00
ECOLOGICAL MANAGEMENT	\$ 29,000.00	\$ 22,000.00
BMP Programs	\$ 2,000.00	\$ 2,000.00
Project Support	\$ 13,000.00	\$ 8,000.00
Small Equip Maintenance	\$ 4,000.00	\$ 5,000.00
UAS Program	\$ 10,000.00	\$ 7,000.00
MICROBIAL	\$ 1,200,000.00	\$ 1,150,000.00
BIORATIONALS	\$ 1,250,000.00	\$ 1,200,000.00
INSECTICIDES	\$ 900,000.00	\$ 750,000.00
FISHERIES	\$ 41,000.00	\$ 41,000.00
Medications & Feeds	\$ 17,000.00	\$ 17,000.00
Lab Supplies	\$ 2,000.00	\$ 2,000.00
Supplies/Dept. Equipment	\$ 22,000.00	\$ 22,000.00
Fisheries Miscellaneous		
GEOGRAPHIC INFO SYSTEMS	\$ 9,000.00	\$ 9,000.00
Software	\$ 7,600.00	\$ 7,600.00
Accessories	\$ 1,400.00	\$ 1,400.00
INFORMATION TECHNOLOGY	\$ 150,000.00	\$ 150,000.00
Hardware	\$ 40,000.00	\$ 40,000.00
Software	\$ 110,000.00	\$ 110,000.00
Supplies		
CONTROL OPERATIONS	\$ 70,000.00	\$ 70,000.00
Supplies	\$ 10,000.00	\$ 10,000.00
Control Items & Materials	\$ 15,000.00	\$ 15,000.00
PPE/Safety	\$ 30,000.00	\$ 30,000.00
Small Equipment	\$ 15,000.00	\$ 15,000.00
SHOP	\$ 159,500.00	\$ 145,000.00
Parts Vehicles	\$ 115,250.00	\$ 108,000.00
Outsource / Heavy Equipment	\$ 33,250.00	\$ 26,000.00
Equipment Parts & Repair	\$ 11,000.00	\$ 11,000.00
LAB SERVICES	\$ 232,000.00	\$ 230,000.00
Insectary	\$ 6,500.00	\$ 6,500.00
Gen'l Lab Supplies	\$ 5,000.00	\$ 5,000.00
Services	\$ 10,000.00	\$ 10,000.00
Surveillance	\$ 98,000.00	\$ 98,000.00
Sentinel Bird	\$ 3,500.00	\$ 3,500.00
Pesticide Testing	\$ 15,000.00	\$ 15,000.00
Services - Small Equipment	\$ 4,500.00	\$ 4,500.00
MB-Malaria	\$ 2,500.00	\$ 2,500.00
MB-Chicken	\$ 4,500.00	\$ 2,500.00
MB-PCR	\$ 76,000.00	\$ 76,000.00
Microbiology - General	\$ 6,500.00	\$ 6,500.00

GAS & PETROLEUM	\$ 230,000.00	\$ 250,000.00
CAPITAL ACCOUNTS	\$ 2,742,000.00	\$ 3,165,500.00
Capital Outlay/Construction In Progress	\$ 217,000.00	\$ 205,500.00
Equipment/Vehicle Replacement	\$ 600,000.00	\$ 600,000.00
Contingency		
Research Fund	\$ 75,000.00	\$ 75,000.00
Building Improvement	\$ 350,000.00	\$ 785,000.00
CalPERS Additional Discretionary Payment	\$ 1,500,000.00	\$ 1,500,000.00
TOTALS		
Salaries/Benefits	\$ 10,686,724.05	\$ 9,835,510.98
Operational	\$ 7,341,814.00	\$ 7,277,428.00
Capital Accounts	\$ 2,742,000.00	\$ 3,165,500.00
Total Budget	\$ 20,770,538.05	\$ 20,278,438.98

PROJECTED REVENUES \$20,209,183.00 \$ 19,276,747.00

ACTUAL REVENUES

TOTAL BUDGET \$20,770,538.05 \$ 20,278,438.98

PROJECTED REVENUES

OVER PROJECTED EXPENSES (\$561,355.05) \$ (1,001,691.98)

ACTUAL REVENUES

OVER ACTUAL EXPENSES

Sacramento-Yolo Mosquito and Vector Control District

May 21, 2024 Board Meeting

7. Board Review and Discussion of Request from the Sacramento City Redevelopment Agency Successor Agency (RASA)

Staff Report:

The RASA is responsible for winding down the obligations of the dissolved Redevelopment Agency of the City of Sacramento under the review of the Sacramento Countywide Oversight Board, the State Department of Finance, the State Controller's Office, and the Sacramento County Auditor-Controller. One of the obligations of these successor agencies is the collection of loan payments. The RASA is requesting that the District forgive the loans owed to the District by the Good Neighbors Club of Del Paso Heights. The amount of the loan is \$2,826.

Background documents and information is attached for your review and discussion. We have been informed that we are the last entity that has not signed off on the forgiveness and our counsel will be present to discuss the District's options.

Recommendation:
Pleasure of the Board

April 15, 2024

Sacramento Mosquito Vector Control Agency
ATTN: Gary Goodman
General Manager
8631 Bond Road
Elk Grove, CA. 95624
Sent via email gwgoodman@fightthebite.net

RE: Former Redevelopment Agency Loans for Good Neighbors Child Care

Dear Mr. Goodman:

As part of the dissolution process, City of Sacramento staff are serving as staff to the Redevelopment Agency Successor Agency. In that capacity we brought forward to the Countywide Oversight Board, a request to forgive two loans totaling \$ 426,000 that were made by the Redevelopment Agency of the City of Sacramento in 1989 and 1991 to the Good Neighbors Club of Del Paso Heights. Attached is a copy of that report. On Nov 13, 2023, the County Oversight Board approved staff's recommendation and, as required, staff provided notice of the meeting and action to the California Department of Finance (DOF). DOF notified staff that they wanted to review the item and on December 22, 2023 staff received a letter notifying DOF's rejection of the request. In that correspondence, DOF wrote: "the OB has not made the required finding that the forgiveness of the loan is in the best interest of the taxing entities."

At the recommendation of the Countywide Oversight Board and to hopefully satisfy DOF that forgiveness is in the best interest of the taxing entities, staff is seeking approval by the taxing entities of the proposed forgiveness as being in their best interest. This request is based on the long track record of the Good Neighbors Club and the continuous service they have provided to the community. In addition, the release of this obligation will allow the Club to expand their services.

To highlight a few salient facts:

- The Good Neighbors Club has been serving the Del Paso Heights community since 1945, serving one of the most impacted and impoverished areas of Sacramento.
- It is estimated that the Club has served over 1600 children since its inception.

- Loan forgiveness will allow the Club to physically expand and offer services to a wider range of children with a particular focus on at-risk youth.
- The loan is due upon sale of the property or change in use, neither of which is contemplated so the taxing entities are not likely to receive any funds for the foreseeable future.

The second area raised by DOF is that staff needs to demonstrate how the forgiveness of these loans reduces liability. The attached Fiscal Analysis of Loan Forgiveness outlines how the provision of child care reduces ongoing costs and liabilities for local jurisdictions and school districts.

Attached are the following supportive documents:

- 1) Staff Report to the Countywide Oversight Board including background on Good Neighbors
- 2) Fiscal Analysis of Loan Forgiveness
- 3) Chart of Forgiveness Impact to Taxing Entities

In summary, the Redevelopment Agency Successor Agency staff are seeking your concurrence and the County Oversight Board finding that forgiveness of these two loans is in the best interest of the taxing entities. If you concur, please indicate so by signing the relevant line below.

It is our hope to have the letters of concurrence returned by April 24th so that we can make a May meeting of the Oversight Board and then submit to the State for reconsideration.

Thank you for your consideration of this matter.

Respectfully,

Leslie Fritzsche

Leslie Fritzsche

Staff to the City of Sacramento Redevelopment Successor Agency

Approval of Recommendation and Finding:

Signature: _____

Name of Taxing Entity

SACRAMENTO COUNTY
DEPARTMENT OF FINANCE
AUDITOR-CONTROLLER DIVISION
City of Sacramento Successor Agency
Good Neighbor Loan Distribution Share ESTIMATE
2023-24

SUMMARY: RPTTF RESIDUALS														
TAXING ENTITY	FRANKLIN BLVD	NORTH SACTO	RIVER - ORIGINAL	MERGED DOWNTOWN	DEL PASO HEIGHTS	ALKALI FLAT	OAK PARK	STOCKTON	ARMY	ARMY ANNEX	65TH	RIVER ANNEX	RAIL YARD	TOTAL
					426,000									426,000
LOS RIOS COMMUNITY COLL	-	-	-	-	11,880	-	-	-	-	-	-	-	-	11,880
ROBLA ELEMENTARY	-	-	-	-	3,043	-	-	-	-	-	-	-	-	3,043
TWIN RIVERS UNIFIED	-	-	-	-	123,477	-	-	-	-	-	-	-	-	123,477
CO WIDE EQUALIZATION	-	-	-	-	427	-	-	-	-	-	-	-	-	427
EQUALIZATION GRANT	-	-	-	-	1,504	-	-	-	-	-	-	-	-	1,504
COUNTY GENERAL	-	-	-	-	67,933	-	-	-	-	-	-	-	-	67,933
SMR EDUCATIONAL	-	-	-	-	729	-	-	-	-	-	-	-	-	729
PHYSICAL HANDICAPPED-ELEMENTARY	-	-	-	-	1,201	-	-	-	-	-	-	-	-	1,201
JUVENILE HALL	-	-	-	-	180	-	-	-	-	-	-	-	-	180
REGIONAL OCCUP CENTER	-	-	-	-	313	-	-	-	-	-	-	-	-	313
INFANT DEV-MENTALLY HANDICAPPED	-	-	-	-	19	-	-	-	-	-	-	-	-	19
INFANT DEV-PHYS HANDICAPPED	-	-	-	-	19	-	-	-	-	-	-	-	-	19
ROBLA CSBA	-	-	-	-	3	-	-	-	-	-	-	-	-	3
CHILDRENS INSTITUTION	-	-	-	-	1,460	-	-	-	-	-	-	-	-	1,460
COUNTY SUP ADMINISTRATION	-	-	-	-	844	-	-	-	-	-	-	-	-	844
SACRAMENTO-YOLO MOSQUITO	-	-	-	-	2,826	-	-	-	-	-	-	-	-	2,826
DEV CENTER HANDICAPPED	-	-	-	-	474	-	-	-	-	-	-	-	-	474
ERAF - COMMUNITY COLLEGE	-	-	-	-	11,966	-	-	-	-	-	-	-	-	11,966
ERAF - K-12	-	-	-	-	95,180	-	-	-	-	-	-	-	-	95,180
CITY OF SACRAMENTO	-	-	-	-	102,525	-	-	-	-	-	-	-	-	102,525
TOTAL	-	-	-	-	426,000	-	-	-	-	-	-	-	-	426,000

ERAF-COMMUNITY COLLEGE	ERAF FACTOR	
LOS RIOS COMM COLLEGE	1.0000000	11,966
TOTAL ERAF COMM COLL DIST	1.0000000	11,966

ERAF-K-12		
ROBLA ELEMENTARY	0.0110679	1,053
ELK GROVE UNIFIED	0.5233526	49,813
SACTO CITY UNIFIED	0.2340066	22,273
TWIN RIVERS UNIFIED	0.1865728	17,758
COUNTY SUP ADMINISTRATION	0.0450000	4,283
TOTAL ERAF K-12 DIST	1.0000000	95,180

SACRAMENTO COUNTY
DEPARTMENT OF FINANCE
AUDITOR-CONTROLLER DIVISION
City of Sacramento Successor Agency
Good Neighbor Loan Distribution Share ESTIMATE
2023-24

TAXING ENTITY	DEL PASO HEIGHTS						
	FACTORS	PASSTHROUGH					RPTTF RES
		NEG PT	TIER 1	TIER 2	TIER 3	TOTAL	
			-	-		-	426,000
LOS RIOS COMMUNITY COLL	0.0278884	-	-			-	11,880
ROBLA ELEMENTARY	0.0071424	-	-			-	3,043
ELK GROVE UNIFIED	-	-	-			-	-
SACTO CITY UNIFIED	-	-	-			-	-
SAN JUAN UNIFIED	-	-	-			-	-
TWIN RIVERS UNIFIED	0.2898510	-	-			-	123,477
CO WIDE EQUALIZATION	0.0010016	-	-			-	427
EQUALIZATION GRANT	0.0035303	-	-			-	1,504
COUNTY SERVICE AREA 1	-	-	-			-	-
SACRAMENTO COUNTY WATER AGENCY	-	-	-			-	-
COUNTY LIBRARY	-	-	-			-	-
COUNTY ROAD	-	-	-			-	-
COUNTY GENERAL	0.1594660	-	-			-	67,933
ELK GROVE-COSUMNES CEMETERY	-	-	-			-	-
GALT ARNO CEMETERY	-	-	-			-	-
SACRAMENTO METRO FIRE	-	-	-			-	-
PACIFIC-FRUITRIDGE FIRE PROT	-	-	-			-	-
SOUTHGATE PARK	-	-	-			-	-
SMR EDUCATIONAL	0.0017102	-	-			-	729
PHYSICAL HANDICAPPED-ELEMENTARY	0.0028186	-	-			-	1,201
JUVENILE HALL	0.0004229	-	-			-	180
REGIONAL OCCUP CENTER	0.0007345	-	-			-	313
PHYSICAL HANDICAPPED - UNIFIED	-	-	-			-	-
INFANT DEV-MENTALLY HANDICAPPED	0.0000445	-	-			-	19
INFANT DEV-PHYS HANDICAPPED	0.0000445	-	-			-	19
ROBLA CSBA	0.0000080	-	-			-	3
CHILDRENS INSTITUTION	0.0034276	-	-			-	1,460
COUNTY SUP ADMINISTRATION	0.0019809	-	-			-	844
SACRAMENTO-YOLO MOSQUITO	0.0066327	-	-			-	2,826
DEV CENTER HANDICAPPED	0.0011129	-	-			-	474
ERAF - COMMUNITY COLLEGE	0.0280884	-	-			-	11,966
ERAF - K-12	0.2234267	-	-			-	95,180
CITY OF SACRAMENTO	0.2406679	-	-			-	102,525
TOTAL	1.0000000	-	-	-	-	-	426,000

Fiscal Analysis of Good Neighbors Child Care Loan Forgiveness

At its meeting of November 13, 2023, the Sacramento Countywide Oversight Board adopted Resolution #2023-008 approving the forgiveness of two loans made by the Redevelopment Agency of the City of Sacramento to the Good Neighbors Child Care Center. The purpose of this loan forgiveness was to allow the Good Neighbors Child Care Center to expand their operations. Specifically, Good Neighbors wants to offer more child-care slots and after school youth services and are precluded from adding these services given the states' requirement of so much physical space per student.

In June 2023, Good Neighbors obtained a bid for a new modular building to be placed on their site to add space. The estimated costs for that are as follows:

Building	\$56,050 (bid price)
Site Preparation	\$10,000
Permit Fees	\$ 6,726
Furnishings	\$ 7,500
Total	\$80,276

Good Neighbors did outreach to lenders for assistance but with such a large indebtedness to the Successor Agency, they were unwilling to fund thus hampering the Club's ability to expand its operations and serve more children and youth.

There are 3 components to analyze.

- 1) If Good Neighbors was able to secure the funds and complete the project they have priced, it would generate an estimated \$56,050 in assessed value, potentially approximating \$560 per year using a 1% tax rate.
- 2) The two loans are only due upon sale of the building or the conversion to a use other than childcare. Started in 1948, the Good Neighbors has been operated by many generations. It is a Del Paso Heights institution, and the Club has plans to continue serving the community for decades to come. Thus it is unlikely that these loans will become due for many, many years to come. The Club has been in operation for over 75 years. If in operation for another 75 years and then ceased, the loan would become due. The net present value of that payment of \$466,000 after another 75 years would be minimal.
- 3) A fiscal analysis would be incomplete without evaluating the fiscal impact of the service that Good Neighbors provides. This is true for the community at large and also the taxing entities, particularly the school district and police/sheriff services at the City and County.

The Good Neighbors wants to expand its range of services for youth. This investment includes a range of positive student benefits but there is also a wide range of broader socioeconomic benefits. After school programs support working families and save taxpayer dollars by improving academic performance, building skills, reducing juvenile crime and welfare costs, and increasing students' future earning potential. A cost-benefit analysis of the potential effect of California Proposition 49 (which provided \$550 million in annual funding for after school programs) found that for every dollar invested in after

school programs, there are up to three dollars in community savings (Brown et al. 2002). These include savings from youth's earning potential, improving their performance at school, and reducing crime and juvenile delinquency.

[Costs Benefits After School Programs.pdf \(roseinstitute.org\).](#)

Additional studies find similar results.

- “A 2001 evaluation of California’s state afterschool program revealed that the state was likely to save \$11 million that year because fewer students would be held back in school.
- “Schools in Manchester, New Hampshire, estimate that they saved more than \$72,000 over three years because students participating in afterschool programs avoided being held back a grade or being placed in special education. (U.S. Department of Education and U.S. Department of Justice, 1998)

Statistics for investments in child care demonstrate clear fiscal benefits, as well, with the example below just one of a myriad of studies illustrating the benefits.

[Investing in Early Care and Education: The Economic Benefits for California - UC Berkeley Labor Center](#)

- **Dollars spent in Early Childhood Education (ECE) flow through the economy with a multiplier effect.** At current funding levels, each dollar invested generates as much as \$1.88 in increased economic activity through the output of ECE providers alone.
- **Greater access to high-quality ECE would increase female labor force participation,** driving economic growth and financial stability for families. The proportion of California women with children under age five who participate in the workforce was 62.4 percent in 2018, compared to 75 percent for other prime-age women. Research shows public investment in ECE can narrow this gap by increasing the workforce rates of women with young children. For example, in Washington, DC, implementation of universal pre-K increased the labor force participation of women with young children by 10 percentage points.
- **When parents have access to high-quality ECE, they are able to increase their earnings.** Many women in the workforce in California are breadwinners for their families, but they often take up low-wage or part-time work. Lack of access to ECE fuels this problem. Nationally, problems with childcare cost parents \$8.3 billion in lost wages. Investment in ECE can help working parents recoup these losses.
- **ECE supports businesses’ bottom line by increasing worker productivity.** Without high-quality ECE, parents often reduce work hours, turn down promotions, or quit their jobs. Turnover and absenteeism due to insufficient ECE cost businesses \$1,150 per working parent each year. Research shows providing ECE decreased employee absences by 20-30 percent and reduced turnover by 37-60 percent.
- Each year, new studies affirm that high-quality early care and education (ECE) is crucial for the continued growth of our economy, setting young children on a path to better academic outcomes and professional success as adults. For each dollar of expense, studies estimate that long-term net benefits range from \$7 to \$17 through

better educational and professional attainment (Meloy, Gardner, and Darling-Hammond 2019).

These studies clearly demonstrate while investing in child care and youth programs is fiscally sound policy and provide credence to the Oversight Board's recommendation to forgive the Good Neighbors Child Care debt so they can continue this much needed investment in the City's children and families, especially those in lower income neighborhoods like Del Paso Heights.