

SACRAMENTO-YOLO
MOSQUITO & VECTOR
CONTROL DISTRICT

SEPTEMBER 21, 2021

BOARD OF TRUSTEES
REGULAR MEETING

BOARD PACKET

10:00 A.M.

8631 Bond Road
Elk Grove, CA 95624

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

8631 Bond Road
Elk Grove, CA 95624

**AGENDA
September 21, 2021
10:00 AM**

In compliance with the Americans with Disability Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District office at (916) 685-1022 or (916) 685-5464 (fax). Requests must be made as early as possible, and at least one-full business day before the start of the meeting. Documents and materials relating to an open session agenda item that are provided to the SYMVCD Board less than 72 hours prior to a regular meeting will be available for public inspection and copying at 8631 Bond Road, Elk Grove, Ca 95624. The documents will also be available on the agency's website at www.fightthebite.net.

CALL TO ORDER:

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

1. **Items for Approval by General Consent:**
 - a. **Minutes of the August 17, 2021 Board of Trustees Meeting**
 - b. **Expenditures for August 2021**
 - c. **District Investment Report for Period Ending June 30, 2021**
 - d. **Annual Cooperative Agreement Between the California Department of Public Health and the Sacramento-Yolo Mosquito and Vector Control District**
 - e. **Board Consideration of Resolution Honoring Raul DeAnda for His Years of Service**

2. **Opportunity for Public Comment**

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

3. **Reports to the Board**
 - a. **Manager's Report**
 - b. **Reports from District Departments**
 - **Lab/Surveillance**
 - **Ecological Management**
 - **Biological Control**
 - **Larval and Adult Control**
 - **Public Outreach**

4. **Board Review and Consideration of Modifications to District Cafeteria Plan Document**
5. **Board Review and Consideration for Fencing of Two Ponds**
6. **Closed Session- Conference with Legal Counsel – Threatened or Anticipated Litigation (Gov. Code s. 54956.9 (d)(1), (d) (2)) – One (1) Matter – Unfair Labor Practice Charge Filed with Public Employment Relations Board by Operating Engineers Local No. 3.**
7. **Closed Session- Provide Instruction to Designated Labor Representatives (Gov. Code s. 54957.6-Labor Negotiations) Agency Designated Representatives : [Gary Goodman, Janna McLeod, Samer Elkashef, Chris Voight] Employee Organization: [Operating Engineers Local Union #3]**
8. **Board/Staff Reports and Requests**
9. **Adjournment**

Sacramento-Yolo Mosquito and Vector Control District

September 21, 2021 Board Meeting

1. Items for Approval by General Consent:

- a. Minutes of the August 17, 2021 Board of Trustees Meeting;
- b. Expenditures for August 2021;
- c. District Investment Report for Period Ending June 30, 2021;
- d. Annual Cooperative Agreement Between the California Department of Public Health and the Sacramento-Yolo Mosquito and Vector Control District;
- e. Board Consideration of Resolution Honoring Raul DeAnda for His Years of Service.

Recommendation:

Approve the Items by General Consent

**MINUTES OF THE AUGUST 17, 2021
MEETING OF THE BOARD OF TRUSTEES OF THE
SACRAMENTO-YOLO MOSQUITO & VECTOR CONTROL DISTRICT**

PLACE: 8631 Bond Road, Elk Grove, CA 95624

TIME: 10:00 a.m.

TRUSTEES PRESENT:

Craig Burnett	President	Folsom
Gar House	Vice President	Winters
Marcia Mooney	Secretary	Galt
Christopher Barker		Davis
Raul DeAnda		West Sacramento
Sean Denny		Woodland
Bruce Eldridge		Yolo County
Lyndon Hawkins		Elk Grove
Jayna Karpinski-Costa		Citrus Heights
Raymond LaTorre		Sacramento
Susan Maggy		Sacramento County
Robert McGarvey		Rancho Cordova
Vacant		Isleton

TRUSTEES ABSENT:

None

LEGAL COUNSEL:

Jennifer Buckman

STAFF PRESENT:

Gary Goodman	Manager
Samer Elkashef	Assistant Manager
Janna McLeod	Administrative Manager
Marcia Reed	Laboratory Director
Marty Scholl	Ecological Management Supervisor
Tony Hedley	Fisheries Supervisor
Luz Robles	Public Information Officer

CALL TO ORDER

The meeting was called to order at 10:00 a.m. by President Craig Burnett.

Roll Call

This meeting was held and attended by Video Teleconference. Attendance was taken by Roll Call. Trustee Barker joined the meeting at 10:04am and all other Trustees were in attendance; therefore, a quorum was present. The Isleton Trustee position is vacant.

Pledge of Allegiance

All phones and electronic devices are requested to be silenced during the meeting.

1. ITEMS FOR APPROVAL BY GENERAL CONSENT

On a motion by Trustee Denny seconded by Trustee Karpinski-Costa, the Board voted to approve General Consent Items a through c. The vote was taken by roll call and the motion passed by the following vote: Ayes: 11, Noes: 0, Absent: 1.

- a. Minutes of the July 20, 2021 Board of Trustees Meeting;
- b. Expenditures for July 2021;
- c. Board Consideration of Resolution Honoring Garth Ehrke for His Years of Service.

2. OPPORTUNITY FOR PUBLIC COMMENT

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

There were none.

3. REPORTS TO THE BOARD

a. Manager's Report:

The District's West Nile season is picking up. We continue to follow the Districts Mosquito Borne Disease Management Plan with enhanced surveillance and control efforts in response to positive dead birds or positive mosquito collections. COVID-19 restrictions continue to change and everyone is doing their best to follow the guidelines to keep ourselves, our families, and our colleagues safe. The District is working on implementing our records retention policy ensuring that we are in line with the regulations from the Secretary of State guidelines. We are actively identifying records that no longer need to be kept and can be destroyed. The District audit is scheduled to be done remotely September 20-24. The fire alarm upgrade should be done by the end of August. We have been busy with product trials this season and will be working on a trial for a new adulticide with Valent Biosciences.

b. Reports from District Departments: Written reports were provided in the Board packet from each department. Department supervisors gave an oral presentation and were available to answer any questions.

Lab/Surveillance: Laboratory Director, Marcia Reed reported on department activity including mosquito surveillance and abundance, invasive Aedes detections, and collaborations. The *Culex tarsalis* abundance is higher than last year and the five year average due to the greater efficiency of the District's locker traps, after the traps have been used for five years the data will provide a more comparable average over time. The vector index in Galt increased after several weeks of no positives and decreased significantly following control work performed by technicians in the area. Aedes mosquitoes continue to be detected in Winters and the Arden areas with one detection in the Citrus Heights area. Various collaborations are ongoing with Clarke Mosquito working with staff this week.

Ecological Management: Ecological Management Supervisor, Marty Scholl reported on department activity including the Wetland/Rice/Agriculture program, Shorebird programs, Storm water/Creek program, Fall Flooding, and UAS programs. Staff has been working with Westlands Water District engineering company to determine the extent of mosquito breeding in a newly created tidal wetland at the Lower Yolo Ranch. Staff has also been working with Department of Water Resources at the Yolo Flyaway Farms on potential corrective actions for pockets of water in the wetlands after king tides.

Biological Control: Fisheries Supervisor, Tony Hedley reported on department activity including fish stocking in rice fields, regular fisheries maintenance activities and projects including dissolved oxygen levels, crayfish trapping, and testing of ideal stocking rates. Tony included and discussed an interactive map that staff uses to record and document rice field fish stocking and other pertinent information. With fewer rice fields due to the drought and water limitations technicians have been able to plant fish in existing fields at higher rates to control larva more effectively this season.

Larval and Adult Control: Program Coordinator, Steve Ramos reported on department activities including Aerial Applications, Trials, Culex and West Nile Virus control, and Invasive Aedes control. The drought and water rights limitations have reduced the amount of rice planted. Catch Basin crew is assisting with trials and performing blanket treatments in areas within the vicinity of West Nile positive samples. WALs treatments have been performed to reduce Aedes populations in Winters, with continued monitoring and trapping area expansions.

Public Outreach: Public Information Officer, Luz Robles reported on department activities including National Night Out Repellent and Materials Distribution, World Mosquito Day, Public Affairs Shows, Advertising, Social Media, Government Affairs, MVCAC Public Relations Committee and Presentations. Repellent wipes were distributed to several neighborhood associations and groups for distribution at their National Night Out events. For World Mosquito Day staff assisted in making a video and clips that featuring agencies providing tips and recommendations in various languages for AMCA. Staff continues to update local public officials as West Nile virus or Aedes mosquitoes detections occur in their areas.

4. STATUS OF WEST NILE VIRUS ACTIVITY AND DISTRICT RESPONSE

Assistant Manager Samer Elkashef presented the item and was available to respond to questions. He reviewed the activity for the season including West Nile positive dead bird reports, counties with positive mosquito samples and/or dead birds throughout the District and the State. Maps of the District surveillance and treatments were provided and reviewed. No Board action was taken as this was an information only item.

5. CLOSED SESSION-CONFERENCE WITH LEGAL COUNSEL – THREATENED OR ANTICIPATED LITIGATION (Gov. Code s. 54956.9 (d)(1), (d) (2)) - ONE (1) MATTER UNFAIR LABOR CHARGE FILED WITH PUBLIC EMPLOYMENT RELATIONS BOARD BY OPERATING ENGINEERS LOCAL NO. 3.

At 11:20am President Burnett called the Board into closed session. The Board re-opened the regular meeting at 11:30am reporting that the Board took no reportable action during the closed session.

6. BOARD/STAFF REPORTS AND REQUESTS

The District is collecting data in areas of concern for the evaluation of possible Sterile Insect Technique control efforts for Invasive Aedes mosquitoes.

The September Board meeting will be held virtually.

Our West Sacramento Trustee Raul DeAnda has decided to retire from the Board following today's meeting. Raul has been an asset to the Board and a Resolution honoring him for his service will be presented next month.

7. ADJOURNMENT

The meeting adjourned at 11:43 am

* * * * *

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the August 17, 2021 meeting.

Gary Goodman, Manager

Approved as written and/or corrected by the Board of Trustees at the September 21, 2021 meeting.

Marcia Mooney, Board Secretary

August 2021 Check Register
Activity From: 8/1/2021 to 8/31/2021
Sacramento Yolo MVCD (SYC)

Check Number	Check Date	Vendor Number	Name	Check
Bank Code: U US Bank				
055040	8/3/2021	0000006	Adapco Inc	107,642.76
055041	8/3/2021	0000014	Alhambra & Sierra Springs	43.90
055042	8/3/2021	0000015	All Star Glass	349.04
055043	8/3/2021	0000018	ANDKO Building Maintenance Inc.	4,804.94
055044	8/3/2021	0000026	ArcSource	139.30
055045	8/3/2021	0002377	Auto Finanace Center	65,237.55
055046	8/3/2021	0001011	Buckmaster Office Solutions	125.49
055047	8/3/2021	0001019	Cintas Corporation	2,276.77
055048	8/3/2021	0000119	Clarke Mosquito Control Products Inc	18,306.73
055049	8/3/2021	0000126	Complete Welders Supply Inc	3,392.09
055050	8/3/2021	0001037	Elite Supply Source	753.71
055051	8/3/2021	0000182	Elk Grove Ford	384.13
055052	8/3/2021	0000199	Farm Air Flying Service	69,129.47
055053	8/3/2021	0000240	Hunt & Sons Inc	14,661.61
055054	8/3/2021	0002352	Kingsley Bogard, LLP	4,941.87
055055	8/3/2021	0000286	Leading Edge Associates Inc.	1,200.00
055056	8/3/2021	0001036	Liebert Cassidy Whitmore	840.00
055057	8/3/2021	0000356	OReilly Automotive Stores Inc	1,428.92
055058	8/3/2021	0000367	PG & E	1,384.57
055059	8/3/2021	0001497	Pure Water Partners	1,438.47
055060	8/3/2021	0000388	Republic Services #922	93.40
055061	8/3/2021	0000424	Safe Side Security	485.00
055062	8/3/2021	0000427	Safety Kleen Corp	897.09
055063	8/3/2021	0000442	Sheldon Feed & Supply	323.00
055064	8/3/2021	0000451	SMUD	5,403.69
055065	8/3/2021	0000461	Stericycle Inc	85.89
055066	8/3/2021	0001234	T-Mobile	6,887.73
055067	8/3/2021	0000492	Top Rank Heating Air Conditioning Inc	913.00
055068	8/3/2021	0000483	UC Davis Regents	450.00
055069	8/3/2021	0000498	ULINE	331.92
055070	8/3/2021	0000517	Vector Control Joint Powers Agency	419,410.00
055071	8/3/2021	0000522	Verizon Wireless	3,119.01
055072	8/3/2021	0000526	VWR International Inc	669.54
055073	8/3/2021	0000115	City of Sacramento	52.50
055074	8/6/2021	0001495	David Smith	100.00
055075	8/6/2021	0000406	Sacramento Co Environmental	2,176.00
055076	8/13/2021	0000006	Adapco Inc	261,979.28
055077	8/13/2021	0000008	Aerial Services	6,664.00
055078	8/13/2021	0000034	AutoZone Inc	1,028.74
055079	8/13/2021	0000036	Awards by Kay	142.46
055080	8/13/2021	0000976	Blanning & Baker	1,881.25
055081	8/13/2021	0001011	Buckmaster Office Solutions	470.27
055082	8/13/2021	0000117	City of Woodland	512.59
055083	8/13/2021	0000119	Clarke Mosquito Control Products Inc	47,166.49
055084	8/13/2021	0000128	Consolidated Communications	2,402.27
055085	8/13/2021	0000168	Dignity Health Med Fdtn-Sacramento	404.00
055086	8/13/2021	0000186	Elk Grove Water District	348.78
055087	8/13/2021	0000198	Factory Motor Parts Co	2,472.25
055088	8/13/2021	0000199	Farm Air Flying Service	79,748.55
055089	8/13/2021	0000240	Hunt & Sons Inc	10,248.18
055090	8/13/2021	0000277	Kimball Midwest	427.55
055091	8/13/2021	0000497	Magnegas Welding Supply - West	84.75

055092	8/13/2021	0000306	Maita Chevrolet	1,099.23	
055093	8/13/2021	0000475	Target Specialty Products	37,028.29	
055094	8/13/2021	0000501	United Textile Inc	7,455.76	
055095	8/13/2021	0000505	US Bank Equipment Finance	102.36	
055096	8/13/2021	0000518	Vector Disease Control International	52,083.33	
055097	8/13/2021	0000526	VWR International Inc	127.15	
055098	8/13/2021	0000529	Waste Management	167.45	
055099	8/16/2021	0000267	Kaiser Foundation Health Plan	49,263.84	
055100	8/16/2021	0000357	P & A Administrative Services Inc	94.50	
055101	8/16/2021	0000373	Preferred Benefit Ins Administrators	8,681.00	
055102	8/16/2021	0000957	Sutter Health Plus	6,409.50	
055103	8/16/2021	0000531	Western Health Advantage	6,289.35	
055104	8/16/2021	0000531	Western Health Advantage	3,025.49	
055105	8/23/2021	0000006	Adapco Inc	112,226.40	
055106	8/23/2021	0000017	American Mosquito Control Association	12,000.00	
055107	8/23/2021	0000038	Bartkiewicz Kronick & Shanahan	2,397.50	
055108	8/23/2021	0000126	Complete Welders Supply Inc	6,525.10	
055109	8/23/2021	0000162	Department of Toxic Substances Control	300.00	
055110	8/23/2021	0000502	ES Opco USA LLC	51,069.46	
055111	8/23/2021	0000958	GreatAmerica Financial Services	372.82	
055112	8/23/2021	0001233	Grow West	188.57	
055113	8/23/2021	0000240	Hunt & Sons Inc	10,728.46	
055114	8/23/2021	0002410	John Christensen	450.00	
055115	8/23/2021	0000564	Lamar Advertising	5,709.50	
055116	8/23/2021	0000293	Life Technologies Corporation	7,537.54	
055117	8/23/2021	0001041	MacLeod Watts, Inc.	1,950.00	
055118	8/23/2021	0000320	Mettler Toledo Rainin LLC	590.45	
055119	8/23/2021	0000332	MVCAC	11,500.00	
055120	8/23/2021	0000367	PG & E	1,316.80	
055121	8/23/2021	0001270	Rubicon Global, LLC	208.27	
055122	8/23/2021	0000413	Sacramento County Utilities	831.89	
055123	8/23/2021	0000475	Target Specialty Products	2,489.03	
055124	8/23/2021	0000534	Wiley Price & Radulovich	1,006.00	
055125	8/26/2021	0000363	PCP Motorsports	8,577.00	
055126	8/31/2021	0000043	Benefit Coordinators Corporation	3,263.47	
055127	8/31/2021	0000084	CA State Disbursement Unit	350.00	
055128	8/31/2021	0000339	Nationwide Retirement Solutions	1,550.00	
055129	8/31/2021	0000339	Nationwide Retirement Solutions	4,225.00	
055130	8/31/2021	0001035	Operating Engineers Local Union No. 3	1,188.00	
055131	8/31/2021	0000504	US Bank	21,483.95	
W00209	8/31/2021	0000086	CalPERS 457 Plan	19,524.03	
W00210	8/31/2021	0000087	CalPERS Financial Reporting & Accounting	79,948.96	
W00211	8/31/2021	0000176	EDD	18,877.54	
W00212	8/31/2021	0000561	United States Treasury	77,236.78	
W00213	8/31/2021	0000087	CalPERS Financial Reporting & Accounting	700.00	
				Bank U Total:	<u>1,794,010.27</u>
				Report Total:	<u><u>1,794,010.27</u></u>

I hereby authorize the use of my signature plate on
the above-listed warrants,055040-055131,
and EFTs W00209-W00213

 Signature

Date

Craig Burnett, President of the Board

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

	<i>2Months Ended</i> <i>August31 2021</i>	<i>Annual</i> <i>Budget</i>	<i>Unused</i>
Revenue			
REVENUE	5,875.42	0.00	5,875.42
TOTAL Revenue	<u>5,875.42</u>	<u>0.00</u>	<u>5,875.42</u>
Expenditures			
SALARIES/BENEFITS/WC			
SALARIES/BENEFITS/WC	4,782,482.00	9,136,769.78	4,354,287.78
TOTAL Salaries	<u>4,782,482.00</u>	<u>9,136,769.78</u>	<u>4,354,287.78</u>
OPERATIONAL			
LIABILITY INSURANCE	205,825.00	215,825.00	10,000.00
AUDITING/FISCAL	0.00	16,000.00	16,000.00
COMMUNICATIONS	13,414.09	93,500.00	80,085.91
PUBLIC INFORMATION	6,773.19	572,000.00	565,226.81
STRUCTURE & GROUNDS	14,158.35	83,000.00	68,841.65
MEMBER/TRAINING	33,608.01	119,000.00	85,391.99
DISTRICT OFFICE EXPENSES	768.47	17,500.00	16,731.53
PROFESSIONAL SERVICES	30,274.30	228,250.00	197,975.70
MATERIALS & SUPPLIES	1,994.27	14,000.00	12,005.73
RENTS & LEASES - Admin	1,861.85	11,550.00	9,688.15
SAFETY PROGRAM	290.00	5,000.00	4,710.00
UTILITIES	16,719.29	110,000.00	93,280.71
AIRCRAFT SERVICES	207,786.70	1,020,000.00	812,213.30
ECOLOGICAL MANAGEMENT	55.44	18,500.00	18,444.56
MICROBIAL	753,615.72	1,550,000.00	796,384.28
INSECT GROWTH REGULATOR	372,842.67	1,100,000.00	727,157.33
INSECTICIDES	179,656.60	1,100,000.00	920,343.40
FISHERIES	2,941.23	32,000.00	29,058.77
GEOGRAPHIC INFO SYSTEMS	868.00	9,000.00	8,132.00
INFORMATION TECHNOLOGY	15,147.33	66,680.00	51,532.67
CONTROL OPERATIONS	11,583.58	47,000.00	35,416.42
VEHICLE PARTS/LABOR	28,851.01	101,000.00	72,148.99
LAB SERVICES	49,858.95	185,000.00	135,141.05
GAS & PETROLEUM	58,166.58	170,000.00	111,833.42
TOTAL Total Operational	<u>2,007,060.63</u>	<u>6,884,805.00</u>	<u>4,877,744.37</u>

SYC Balance Sheet
As of 8/31/2021

Sacramento Yolo MVCD (SYC)

Assets

Current Assets

Cash in Bank-FSA	22,499.72	
Cash with LAIF	9,483,550.15	
Petty Cash	600.00	
US Bank	(610,063.98)	
Accounts Receivable	2,565.20	
Interest Receivable	30,439.00	
Assigned - Cash With VCJPA	1,665,077.00	
Inventory	1,347,050.17	

Total Current Assets: 11,941,717.26

Fixed Assets

LAND, BLDG., IMPROVEMENT	1,175,092.88	
EQUIPMENT	4,715,197.45	
BOND ROAD	5,061,395.00	
WOODLAND FACILITY	708,574.00	
ACCUMULATED DEPRECIATION	(7,638,941.07)	

Total Fixed Assets: 4,021,318.26

Other Assets

Deferred Outflows of Resources	5,285,357.00	
Deferred Outflows of Resources-GASB 75	950,064.00	

Total Other Assets: 6,235,421.00

Total Assets: 22,198,456.52

Liabilities

Current Liabilities

Accounts Payable	625,229.14	
Payroll Taxes Payable	(0.30)	
Voluntary TL & AD&D	(643.93)	
Voluntary STD	(459.92)	
FSA Deductions	149,364.99	
P.E.R.S. Deductions	(1.04)	
Safety Program	(1,530.00)	
Accumulated Vacation	395,995.26	

Total Current Liabilities: 1,167,954.20

Long-Term Liabilities

Net Pension Liability	10,328,549.00	
Net OPEB Liability	1,790,183.00	
Deferred Inflow of Resources	3,197,032.00	
Deferred Inflow of Resources-GASB 75	90,090.00	

Total Long-Term Liabilities: 15,405,854.00

Total Liabilities: 16,573,808.20

Equity

INVESTMENT IN FIX ASSETS	4,251,591.96	
RESERVED CASH (INS.)	1,607,140.00	
Committed-Capital Outlay	700,000.00	
Unassigned - Dry Financing	6,000,000.00	
Retained Earnings-Current Year	(6,922,903.23)	
GENERAL FUND	(2,011,180.41)	
Committed - Vector/Disease Response	2,000,000.00	

Total Equity: 5,624,648.32

SYC Balance Sheet
As of 8/31/2021

Sacramento Yolo MVCD (SYC)

Total Liabilities & Equity:

22,198,456.52



SACRAMENTO COUNTY

8631 Bond Road
Elk Grove, CA 95624

(800) 429-1022
www.FIGHTtheBITE.net

Gary Goodman
General Manager

2021 Board of Trustees

Craig R. Burnett
President, Folsom

Gar House
Vice President, Winters

Marcia Mooney
Secretary, Galt

Christopher Barker
Davis

Raul DeAnda
West Sacramento

Sean Denny
Woodland

Bruce Eldridge
Yolo County

Lyndon Hawkins
Elk Grove

Jayna Karpinski-Costa
Citrus Heights

Raymond LaTorre
Sacramento

Susan Maggy
Sacramento County

Robert J. McGarvey
Rancho Cordova

Isleton

Sacramento-Yolo Mosquito and Vector Control District Investment Report

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

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

As the District receives revenue from taxes and other resources they are deposited with the Yolo County Treasurer. The following is the interest earnings, fund balances and investments of the District for the quarter ending **June 30, 2021**.

Institution		Earnings	Total as of 06/30/2021
Yolo County Treasurer Investment Pool	0.484%*	\$3,946.85	\$942,599.86
L.A.I.F.	0.33%	\$8,351.55	\$14,113,989.15
VCJPA-Member Contingency Fund	1.46%	\$7,978.00	\$1,665,077.00
CERBT-Strategy 3		\$117,870.45	\$2,263,350.19
		District Total:	\$18,985,016.20

**Rates are reflected as annualized earning rates*



County of Yolo

www.yolocounty.org

CHAD RINDE, CPA
Chief Financial Officer
TOM HAYNES
Assistant Chief Financial Officer

DEPARTMENT OF FINANCIAL SERVICES

625 Court Street, Room 102
PO BOX 1995
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
- Procurement

August 04, 2021

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

Dear Mr. Goodman:

Listed below for your information and that of the Board of Directors, is data pertaining to interest earnings, fund balances and investments of the District for the quarter ended June 30, 2021. The Yolo County Treasurer's Investment Report is available electronically. Should you or the Board wish additional information or have any questions, please let me know.

<u>PERIOD</u>	<u>YOLO COUNTY</u>	<u>LAIF</u>	<u>EARNINGS</u>
Quarter ending June 30, 2021:	0.484%*		\$ 3,946.85
Quarter ending June 30, 2021:		0.33%	\$ 8,351.65

Placement of Funds as of June 30, 2021:

Yolo County Treasurer's Pool (Fund 6953)	\$ 942,599.86
Flexible Spending Account	23,446.55
LAIF	<u>14,113,989.15</u>
Total	\$ 15,080,035.56

*Rates are reflected above as annualized earning rates.

Sincerely,


Sou Xiong
Accounting Manager



Vector Control Joint Powers Agency

Member Contingency Fund

For the Quarter Ended
June 30, 2021

Member District	Balance at Beginning of Quarter	Contribution	(Withdrawals)	Interest Earned	Allocated Admin.	Balance at End of Quarter
Alameda County	371,828			1,790	(8)	373,610
Burney Basin	42,442			204	(1)	42,645
Butte County	297,173			1,431	(6)	298,598
Coachella Valley	715,131			3,443	(15)	718,559
Coalinga-Huron	7,659			37	0	7,696
Colusa	94,465			455	(2)	94,918
Compton Creek	70,169			338	(1)	70,506
Consolidated	431,339			2,076	(9)	433,406
Contra Costa	1,270,313		(913)	6,113	(27)	1,275,487
Durham	4,370			21	0	4,391
Fresno	222,487			1,071	(5)	223,553
Glenn County	43,365			209	(1)	43,573
Greater Los Angeles	1,433,609			6,901	(30)	1,440,480
Lake County	142,316			685	(3)	142,998
Los Angeles County West	690,045			3,322	(15)	693,352
Marin-Sonoma	830,221			3,997	(17)	834,201
Napa County	1,320,302			6,356	(28)	1,326,630
No Salinas Valley	624,791			3,008	(13)	627,786
Northwest	346,912			1,670	(7)	348,575
Orange County	445,385			2,144	(9)	447,520
Oroville	12,027			58	0	12,085
Pine Grove	32,700			157	(1)	32,856
Placer	210,989			1,016	(4)	212,001
Sacramento-Yolo	1,657,134			7,978	(35)	1,665,077
San Gabriel Valley	134,687			648	(3)	135,332
San Joaquin County	727,681			3,503	(15)	731,169
San Mateo County	503,643			2,425	(11)	506,057
Santa Barbara County	72,425			349	(2)	72,772
Shasta	261,507			1,259	(6)	262,760
Sutter-Yuba	365,260			1,758	(8)	367,010
Tehama County	281,313			1,354	(6)	282,661
Turlock	256,028			1,233	(5)	257,256
West Valley	321,960			1,550	(7)	323,503
Total	14,241,675	0	(913)	68,559	(300)	14,309,022

Notes:
Yield to maturity rate on the VCJPA portfolio is 1.46% 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.



Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$2,145,893.94	\$1,994,136.54
Contribution	0.00	0.00
Disbursement	0.00	0.00
Transfer In	0.00	0.00
Transfer Out	0.00	0.00
Investment Earnings	117,870.45	271,024.87
Administrative Expenses	(271.39)	(1,046.22)
Investment Expense	(142.81)	(765.00)
Other	0.00	0.00
Ending Balance	\$2,263,350.19	\$2,263,350.19
FY End Contrib per GASB 74 Para 22	0.00	0.00
FY End Disbursement Accrual	0.00	0.00
Grand Total	\$2,263,350.19	\$2,263,350.19

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	17.327201	16.101823
Period Ending Unit Value	18.275612	18.275612

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.

Statement of Transaction Detail for the Quarter Ending 06/30/2021
 Sacramento-Yolo Mosquito & Vector Control District
 Entity #: SKB8-1375523307



Date	Description	Amount	Unit Value	Units	Check/Wire	Notes
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Client Contact:
 CERBT4U@CalPERS.ca.gov



SANDRA SHEWRY, MPH, MSW
Acting Director

State of California—Health and Human Services Agency
California Department of Public Health



GAVIN NEWSOM
Governor

October 16, 2020

TO: Agencies Signatory to the Cooperative Agreement with the California Department of Public Health

SUBJECT: COOPERATIVE AGREEMENT WITH THE DEPARTMENT OF PUBLIC HEALTH

Thank you for submitting a 2021 Cooperative Agreement. The California Department of Public Health (CDPH) has reviewed and signed this Cooperative Agreement with your agency. Please note Certified Vector Control Technicians must maintain their certification by paying annual recertification dues and attending required continuing education courses in order for the Cooperative Agreement to remain valid.

The Cooperative Agreement may be canceled for cause by either party by giving 30 days advance notice in writing, setting forth the reasons for the termination.

If you should require additional information or clarification, please contact your VBDS regional office or the Sacramento headquarters at (916) 552-9730.

Michael Niemela, M.S.
Senior Public Health Biologist
Vector-Borne Disease Section

Enclosure



COOPERATIVE AGREEMENT
(PURSUANT TO SECTION 116180, HEALTH AND SAFETY CODE)

Date 10/13/2020

This Agreement between the California Department of Public Health and
Sacramento-Yolo Mosquito and Vector Control District, 8631 Bond Road, Elk Grove CA 95624
(name and address of local vector control agency)

is effective on January 1, 2021 or on the subsequent date shown above, and expires December 31, 2021. It is subject to renewal by mutual consent thereafter.

Operator ID and/or license number to be listed on Monthly Summary Pesticide Use Reports (PR-ENF-060) for 2021:

Operator ID # 34-08-3401101 and 57-08-3401101 License # _____

This agreement may be canceled for cause by either party by giving 30 days advance notice in writing, setting forth the reasons for the termination.

Part I. Pesticides

The vector control agency named herein agrees:

1. To calibrate all application equipment using acceptable techniques before using, and to maintain calibration records for review by the County Agricultural Commissioner.
2. To seek the assistance of the County Agricultural Commissioner in the interpretation of pesticide labeling.
3. To maintain for at least two years for review by the County Agricultural Commissioner a record of each pesticide application showing the target vector, the specific location treated, the size of the source, the formulations and amount of pesticide used, the method and equipment used, the type of habitat treated, the date of the application, and the name of the applicator(s).
4. To submit to the County Agricultural Commissioner each month a Pesticide Use Report, on Department of Pesticide Regulation form PR-ENF-060. The report shall include the manufacturer and product name, the EPA registration number from the label, the amount of each pesticide used, the number of applications of each pesticide, and the total number of applications, per county, per month.
5. To report to the County Agricultural Commissioner and the California Department of Public Health, in a manner specified, any conspicuous or suspected adverse effects upon humans, domestic animals and other non-target organisms, or property from pesticide applications.
6. To require appropriate certification of its employees by the California Department of Public Health in order to verify their competence in using pesticides to control pest and vector organisms, and to maintain continuing education unit information for those employees participating in continuing education.
7. To be inspected by the County Agricultural Commissioner on a regular basis to ensure that local agency activities are in compliance with state laws and regulations relating to pesticide use.

Part II. Environmental Modification

The vector control agency named herein agrees:

To comply with requirements, as specified, of any general permit issued to the California Department of Public Health as the lead agency, pertaining to physical environmental modification to achieve pest and vector prevention.

For California Department of Public Health

Vicki Kramer
Vicki Kramer, Ph.D.
Chief, Vector-Borne Disease Section

For Local Agency

Gary Goodman, General Manager

Print Name and Title

[Signature]
Signature

Resolution No. 09-21-21

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
SACRAMENTO-YOLO MOSQUITO AND VECTOR CONTROL DISTRICT
HONORING *RAUL DEANDA*
FOR HIS 30 YEARS OF SERVICE**

WHEREAS, RAUL DEANDA is relinquishing the position of Trustee of the Sacramento-Yolo Mosquito and Vector Control District as of August 18, 2021 after 30 years of dedicated service; and

WHEREAS, the Sacramento-Yolo Mosquito and Vector Control District (“District”), responsible for controlling mosquitoes and other vectors to prevent mosquito-borne disease and promote quality of life for the residents of Sacramento and Yolo County(s), desire to acknowledge and recognize his leadership in public health; and

WHEREAS, RAUL DEANDA was appointed by the West Sacramento City Council to the Board of the Sacramento County- Yolo County Mosquito Abatement District in 1991; and

WHEREAS, RAUL DEANDA was elected as President of the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District in 1997 and 2004. He was elected and served as Vice President of the Board in 1996 and 2003, and Secretary of the Board in 1995 and 2002; and

NOW, THEREFORE, BE IT RESOLVED by the Sacramento–Yolo Mosquito and Vector Control District Board of Trustees the desire to honor **RAUL DEANDA** for his exemplary public service and dedication to public health.

PASSED AND ADOPTED by the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District on the 21st day of September 2021 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

By: _____
Craig Burnett, Board President

Sacramento-Yolo Mosquito and Vector Control District

September 21, 2021 Board Meeting

3. Reports to the Board

a. Manager's Report

b. Reports from District Departments

- **Lab/Surveillance (Marcia Reed)**
- **Ecological Management (Marty Scholl)**
- **Biological Control (Tony Hedley)**
- **Larval and Adult Control (Steve Ramos)**
- **Public Outreach (Luz Maria Robles)**

a. Manager's Report

The District's West Nile season started slowly but picked up at the end of August and into September. This is unusual as our peak of activity is usually 4 weeks earlier. The District continues to follow the Mosquito Borne Disease Management Plan with enhanced surveillance and control efforts in response to positive dead birds or positive mosquito collections.

The District has continued to find invasive mosquitoes in some new areas this year (Elk Grove and Orangevale). We expect the numbers to begin to fall with the cooler weather in November so we still have a few weeks left to manage the populations.

The District has received the CalPERS valuation and scheduled a meeting with their staff to discuss. An update to the valuation is expected by the end of September so we will have a report to the Board in October.

The District Audit is ongoing and progressing well. We hope to have a report to the Board at the November meeting.

b. Reports from District Departments

- **Lab/Surveillance (Marcia Reed)**
- **Ecological Management (Marty Scholl)**
- **Biological Control (Tony Hedley)**
- **Larval and Adult Control (Steve Ramos)**
- **Public Outreach (Luz Maria Robles)**

LABORATORY
Monthly Report for the September 2021 Board Meeting

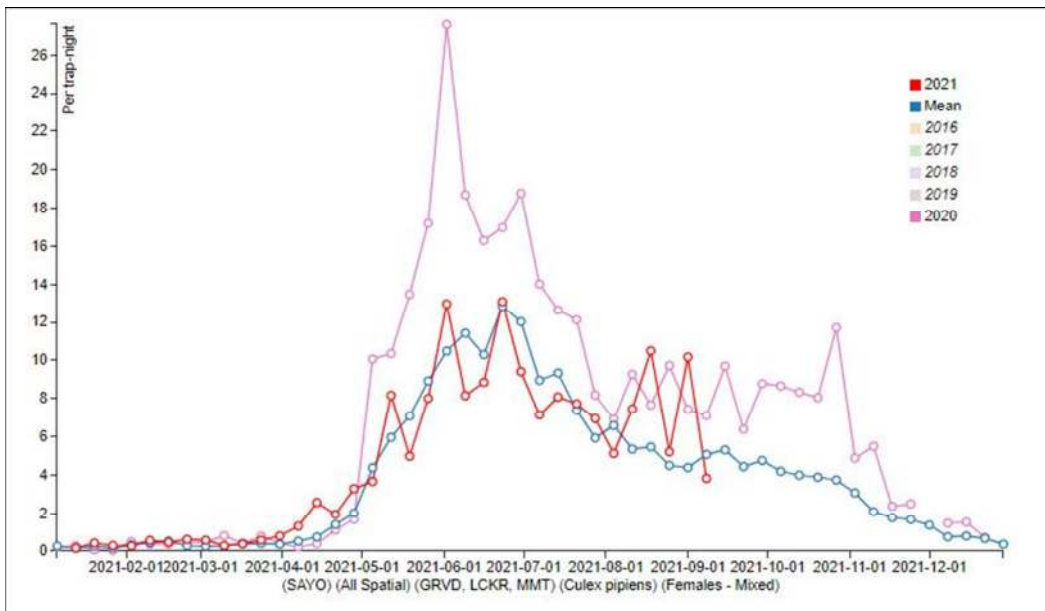
Insectary:

Colonies maintained: *Culex tarsalis* Kern National Wildlife (susceptible)
Culex quinquefasciatus Cq1 (susceptible)
Culex pipiens Woodland (resistant)
Culex tarsalis Vic Fazio (resistant)
Aedes sierrensis wild - Marin - Sonoma County

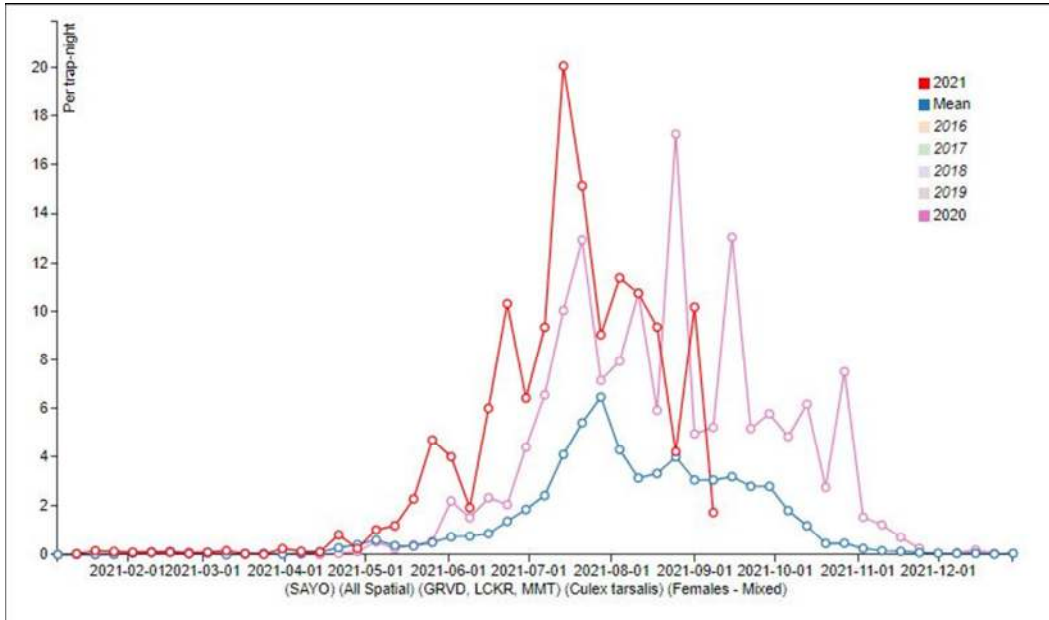
Surveillance:

Weekly collections - *Culex pipiens* and *Culex tarsalis* populations levels are shown below. Both populations highlight the typical end of summer decline; we expect this trend to continue as the days get shorter and cooler. These abundance collections consist of the District locker traps and Gravid traps at 24 set locations across the District.

Culex pipiens in weekly abundance traps (LCKR, GT):



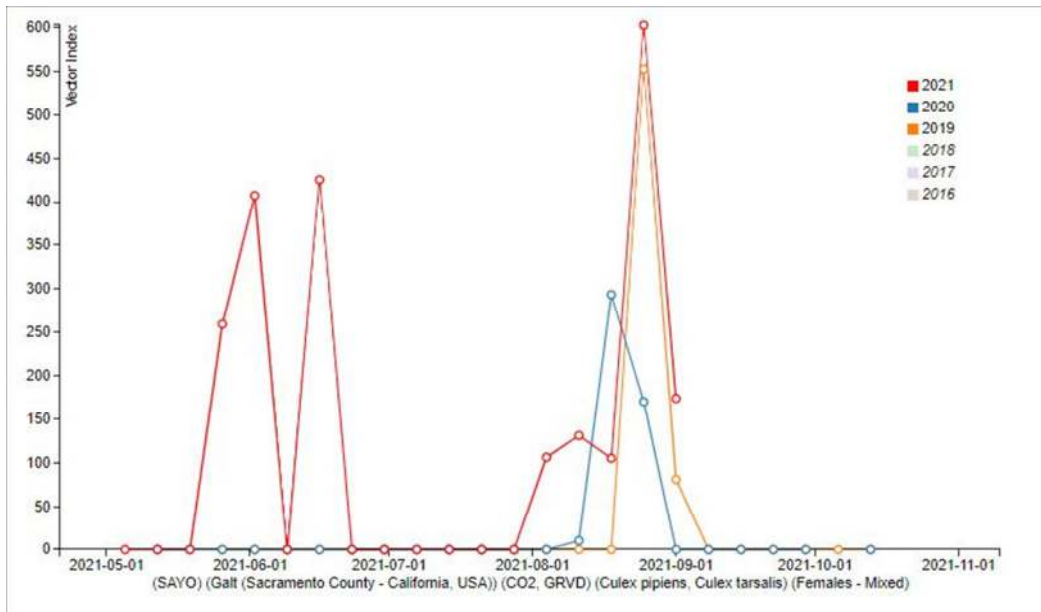
Culex tarsalis in weekly abundance traps (LCKR, GT):



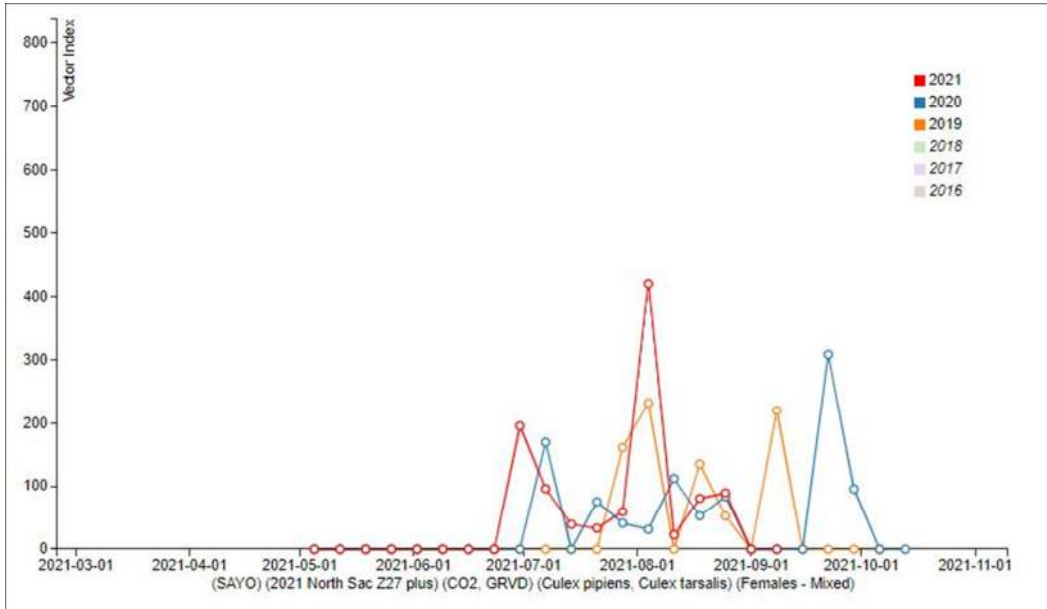
Encephalitis virus surveillance (EVS)

Vector Index graph for current areas of concern:

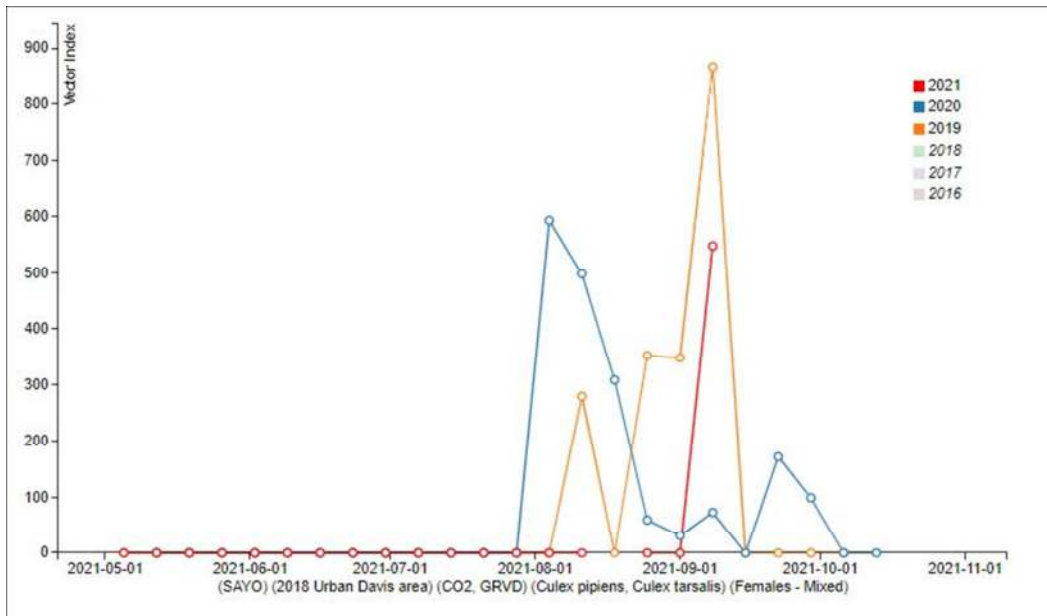
Galt



North Sacramento around Zone 27



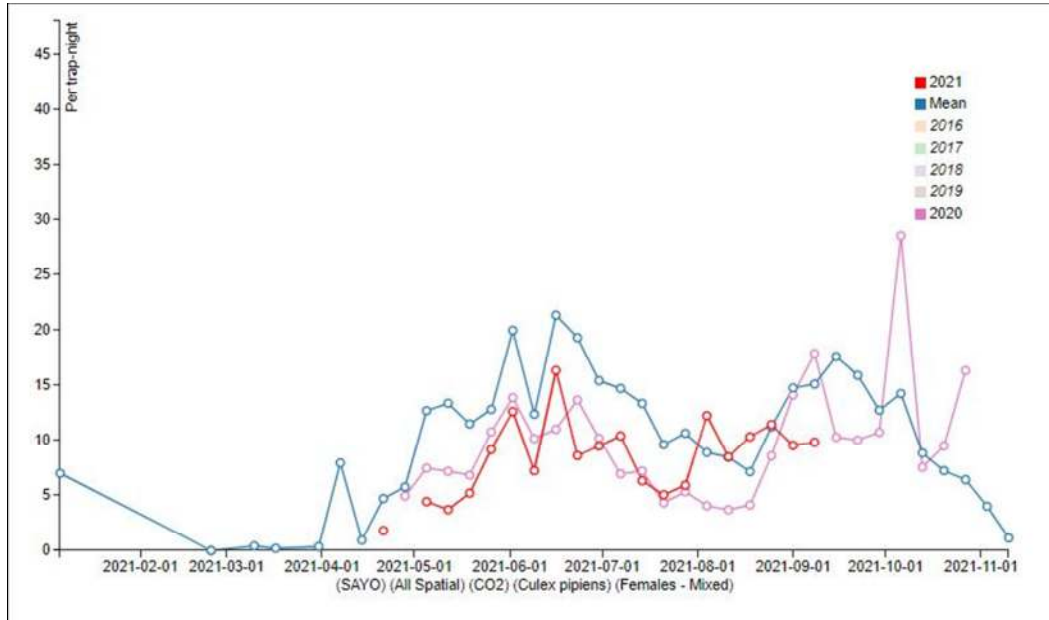
Davis



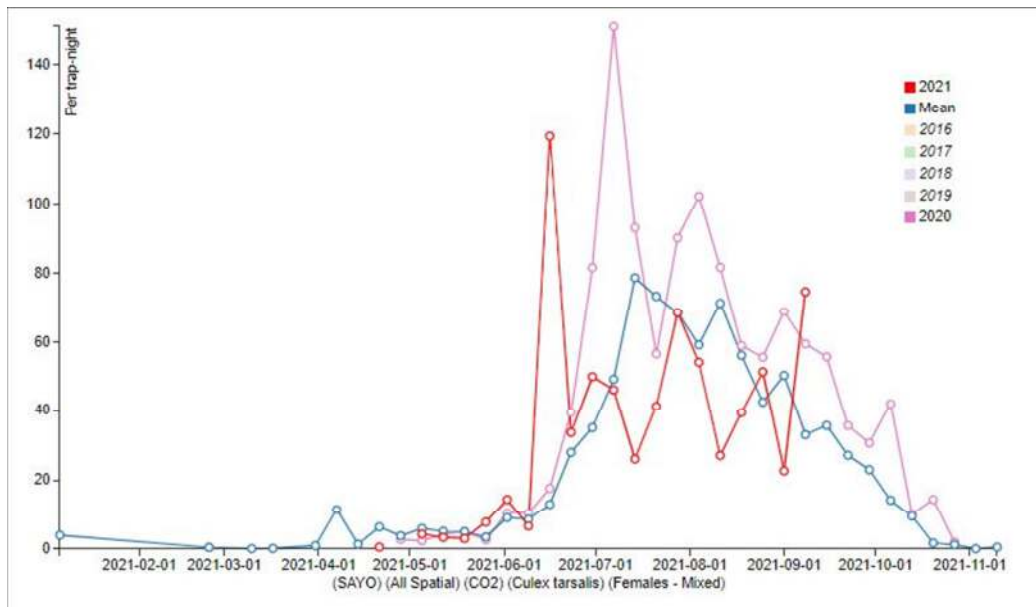
The vector index graphs show that we are seeing activity in many areas of the District. The graphs show that once positive pools are detected, and control operations conduct adult mosquito treatments, the vector index values decrease in the next trapping and testing event. Davis has recently seen an increase in West Nile virus activity and subsequent trapping and testing will show the results of the adult control measures undertaken to deal with the high vector index. Three years of data are provided in the graphs to show a few years of history in the areas of concern.

Encephalitis virus surveillance (EVS) – Mosquitoes –

Culex pipiens in CO₂ traps:



Culex tarsalis in CO₂ traps:



As of Sept 10th, we have tested 5,328 pools (samples) and have found 150 positive mosquito pools. 100 of the positive pools are from Sacramento County and 50 are from Yolo County. The positives are quite widely spread in both counties.

Encephalitis virus surveillance (EVS) – Sentinel Chickens – We have had three chickens test positive for West Nile Virus. They are all from the Knight’s Landing Flock. We have replaced the chickens with new un-exposed chickens.

Encephalitis virus surveillance (EVS) – Dead Birds – We have picked up and tested 415 dead birds and have detected 98 positive carcasses. The majority of the positive dead birds are from Sacramento County, although we have now found 5 in Yolo County (1 from Winters and 4 from Davis). The locations in Sacramento are quite widely spread out over the county. Once dead birds have tested positive, the lab will set additional traps around the location of the dead bird.

Encephalitis virus surveillance (EVS) – Sugar Baits – We have tested 250 sugar bait samples and have found one positive sample that initiated regular EVS trapping. A positive mosquito pool was subsequently found at this location. We continue to deploy sugar bait samples with the assistance of control operators in areas of the District.

Invasive *Aedes* spp. Surveillance –

Elk Grove has been identified as a third area in the District with a significant *Aedes aegypti* presence. It is a suburban habitat northeast of Elk Grove Regional Park of approximately 200 acres. We are trapping around this area to delineate its extent. Additionally, we have identified two female *Aedes aegypti* mosquitoes in Orangevale and are setting additional traps in this area. We are continuing to maintain 10 permanent BG Sentinel surveillance traps in Winters and Arden. The lab is continuing to survey the entire District area for the presence of invasive mosquitoes.

Tick and Lyme disease surveillance – We look forward to resuming our tick flagging in October.

BG Counter Traps – We continue to monitor the rice habitat and several other areas with these mosquito counting traps. In addition to the rice, we have one trap monitoring wetland areas in south Yolo County, one monitoring a dog training/kennel facility in south Elk Grove, and one monitoring a creek area of concern in Galt.

Disease Response Surveillance – We had one dengue case reported to us in August in Elk Grove. We set BG sentinel traps near the location and did not identify any invasive *Aedes* in these traps. This case was not near the *Aedes aegypti* area in Elk Grove mentioned above.

Collaborations –

Evergreen adulticide evaluation –

We completed this work with Adapco collaborators who were working with MGK on further evaluations of this product. Our trials showed that it can be an effective mosquito adulticide. Over the winter months we will compare these results to the current products we use in our aerial program.

LVL (WALS) evaluation of Natular SC –

In the first week of these trials with Clarke, we determined that early morning applications utilizing Natular SC in the LVL truck mounted units were highly effective. We believe this is primarily due to early morning weather conditions. Early morning applications also have the advantage of not having interruptions in treatments due to resident activity. In the second week of these trials, applications around urban/suburban settings were evaluated. Again, weather conditions were indicated as a key component of successful applications.

Sentinel Cage Study –

Dr. Cornel and his staff from the University of California Davis were at the District for two weeks this summer to evaluate sentinel cage design and use. They are working on publishing guidelines on evaluating ULV applications. They were looking at different sentinel cage styles (cylinder Florida versus cardboard ring styles), fixed versus wind vane mounted sentinel cages and transferring of mosquitoes to clean containers immediately after applications or leaving the mosquitoes in the exposed cages overnight. The initial results indicate that either cage design work well; wind vane mounted cages are indeed better with variable wind conditions and transferring of mosquitoes is not necessary.

BG MAST –

This study is a collaboration with Verily who is looking to market these traps as a low maintenance and low cost surveillance tool. These are *Ae. aegypti* male attractant passive sound traps. We are still in the midst of this evaluation and are comparing these traps to our normal BG Sentinel traps in Winters and Elk Grove.

Sumilarv –

Evaluations were made comparing the efficacy of different doses of Sumilarv in catch basins. These trials have been in progress since early May and we will continue into October. We are still seeing good control in the highest dosed basins. The lab is collaborating with MGK and the catch basin staff on this project.

Valent Biosciences New Adulticide –

We were fortunate to have the opportunity to be allowed to assess a new active ingredient adulticide product being brought to market by Valent Biosciences. This product showed great potential to assist us in controlling pyrethroid resistant adult mosquitoes.

Mosquito and Tick samples provided to researchers –

We have been very active in providing various mosquito populations to researchers this season. We have sent specimens off to researchers and/or industry partners in Belgium and Israel and to Penn State, Ohio State, the University of Nevada at Reno, UC Riverside and UC Davis.

District Studies –

Vectoprime –

The lab and control have been working to evaluate our rice habitat larval control options. We treated different sections of the rice habitat in Natomas with *Bti* liquid only, *Bti* liquid switching to granular and Vectoprime (a *Bti* – Methoprene product). We are currently analyzing the results from this season’s long comparison.

Methoprene Evaluation in Woodland –

We have been working with the catch basin control staff to determine the resistance/susceptibility characteristics of the *Culex pipiens* populations in the Woodland catch basins. It has been previously known that there is Methoprene resistance in these mosquitoes, and we have identified that there may also be Spinosad resistance developing.

California Arbovirus Surveillance Bulletin #20: week 36, Friday Sept. 10, 2021

2020 & 2021 YTD West Nile Virus Comparisons		
	2020	2021
Total # Dead Bird Reports	4,024	4,146
# Positive Counties	30	29
# Human Cases	45	35
# Positive Dead Birds / # Tested	171 / 1,093	173 / 1,313
# Positive Mosquito Pools / # Tested	1,717 / 28, 880	1,877 / 28,002
# Seroconversions / # Tested	56 / 4,550	63 / 4,351

YTD WNV Activity by Element and County, 2021					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Butte	10		2	79	24
Contra Costa			1	7	
Fresno	3	2		202	
Glenn	2				
Kern	2			95	
Kings	1	1		26	
Lake				2	3
Los Angeles	3		35	168	
Madera	1			123	
Merced	2	1	1	5	19
Nevada			1		
Orange				30	
Placer			3	62	
Riverside				97	
Sacramento		2	93	94	
San Bernardino			1	8	
San Joaquin	2	1	16	330	
San Luis Obispo	2				
Santa Clara			1	4	
Shasta	1			28	1
Solano	1		2	12	
Sonoma			1	1	
Stanislaus	3		2	133	
Sutter			1	18	8
Tehama					3
Tulare	1		7	301	3
Ventura			1		
Yolo	1		5	41	1
Yuba				11	1
Totals	35	7	173	1,877	63

ECOLOGICAL MANAGEMENT DEPARTMENT
Monthly Report for the September 2021 Board Meeting

Wetland Program

Westlands Water District's Lower Yolo Ranch: Staff continues to monitor the tidal flooding on the restored tidal wetland. Staff is working with all involved management firms to design and install a bridge into the large island area, and to discuss environmental permitting to install finger drains through areas that are deemed mosquito breeding areas.

Cosumnes River Preserve: The Preserve has a new Manager Tim Keldsen. The District looks forward to working with Tim and the existing staff.

Planning

Elliot Springs (Silverado Village – Elk Grove): The City will be approving an amended Special Planning Area for the previously approved Silverado Village (now named Elliot Springs) located on Bond Road. Previous District concerns relating to the detention basins, drainages and preserve area have been included in the development plans and will be adequately addressed when built.

Fall Flooding

Staff has contacted all wetland and duck club managers leading up to the start of Fall Flooding and has provided cost estimates as part of the Cost Share program. Three privately owned properties will begin flooding prior to October 1st this year. While water curtailments have been lifted for most properties, water supply may remain an issue for some select areas. Staff will provide updates as the conditions are rapidly changing based upon drought and water supply conditions.

Staff removed beaver material along the outfall pipes in the Lower Yolo Bypass in an effort to encourage good drainage next spring when each duck club will drain.

UAS Program

Staff has continued assisting control operations with compiling, submitting, and processing UAS treatment orders to Leading Edge Aerial Inc. As of this report writing, three thousand thirty five acres have been treated by Leading Edge between both counties.

Staff will be collecting aerial imagery of all waterfowl hunted properties on key Fall Flooding dates to provide accurate documentation of the start of flooding to be included with each invoice.

Stormwater / Creek Program

Staff is working with Control Operations to identify and organize seasonal brush clearing projects to be completed in late Fall and Winter when District Technicians become available to assist.

Natomas Central Mutual Water Company: Staff is working to reduce the amount of mosquito breeding in the vegetated low areas just north of the Teal Bend golf course. The area is mostly owned by the Water Company with the eastern section owned by the Sacramento Area Flood Control District (SAFCA). The area intermittently floods throughout the season and is very difficult to treat when flooded.



City of Galt, Deadman's Gulch: Staff assisted the City with clearing excessive brush along the bike trail up to the edge of the levee in an effort to open up more access to the water. Three beaver dams were located within the channel that the City will work to keep notched. Staff used the brush cutter attachment in conjunction with the City crews and backhoe to clear the area.



Dry Creek, Wilton: Staff is working on a large long term brush/access project along the Creek to help District Technicians have better access for inspecting and treating during the summer months. Many of the difficult to access areas are along privately owned properties.

BIOLOGICAL CONTROL
Monthly Report for the September 2021 Board Meeting

In the month of August the District’s rice field stocking program came to a close with a total of 2,230 pounds of mosquitofish used in 151 different rice fields in the most densely populated areas of our counties. As the rice stocking time frame ended, the Fisheries department has shifted its focus to pond rehabilitation and preparing for wetlands. Wetland preparation consists of contacting land management owners and working closely with field personnel for sensitive habitats and flood up schedules. We are expecting to use approximately 500-1,000 more pounds of mosquitofish during fall flood up. The main factor will be water availability for the main wetland preserves. Vic Fazio Yolo Wildlife Area, Cosumnes River Preserve, and Stone Lakes National Wildlife Refuge will be the main focus due to their proximity to residential neighborhoods. Pond rehabilitation consists of draining down the ponds scheduled for cleaning, harvesting as many fish as possible, moving rocks, and then removing loose debris. The department also continued to gather weekly data for all of our ongoing projects including crayfish control and the use of solar aerators on dissolved oxygen levels. Daily activities such as medical treatments and tank cleaning were also performed to maintain the high quality of our mosquitofish population.

Log of Treatment Applied for August

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Rate</u>	<u>Treatments</u>
Mosquitofish	317.55 lbs.	853.48 Acres	.37 lbs. /ac	237

Log of Treatment Applied for the year 2021 running total.

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Rate</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	2,580.485 lbs.	10,991.51 Acres	.23 lbs. /ac	2,884
Guppies (<i>Poecilia reticulata</i>)	.55 lbs.	.043 Acres	.056 lbs. /ac	12

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
32,000.00	8,102.65	23,897.35	25%



The pictures provided are the process of removing debris from the pond bottom. The sediment and debris are scraped away with the tractor then hauled away with the dump truck.

CONTROL OPERATIONS

Monthly Report for the September 2021 Board Meeting

Aerial Applications

The District continues to see high adult mosquito abundance in our rice traps which is typical for this time of year. These high traps have been keeping both VDCI planes busy with adulticide treatments over the District's rice growing areas. While Dibrom is being used more frequently for applications at this time of year, Pyronyl Oil Concentrate 525 is still being used as a rotational product. The District's larviciding work in August has kept Farm Air busy with over 23,000 acres of rice treated with *Bti*. The District expects this number to be reduced in September as farmers begin to drain and harvest their rice. In contrast, larviciding in duck ponds and wetlands will increase as fall approaches depending on water availability.

Trials

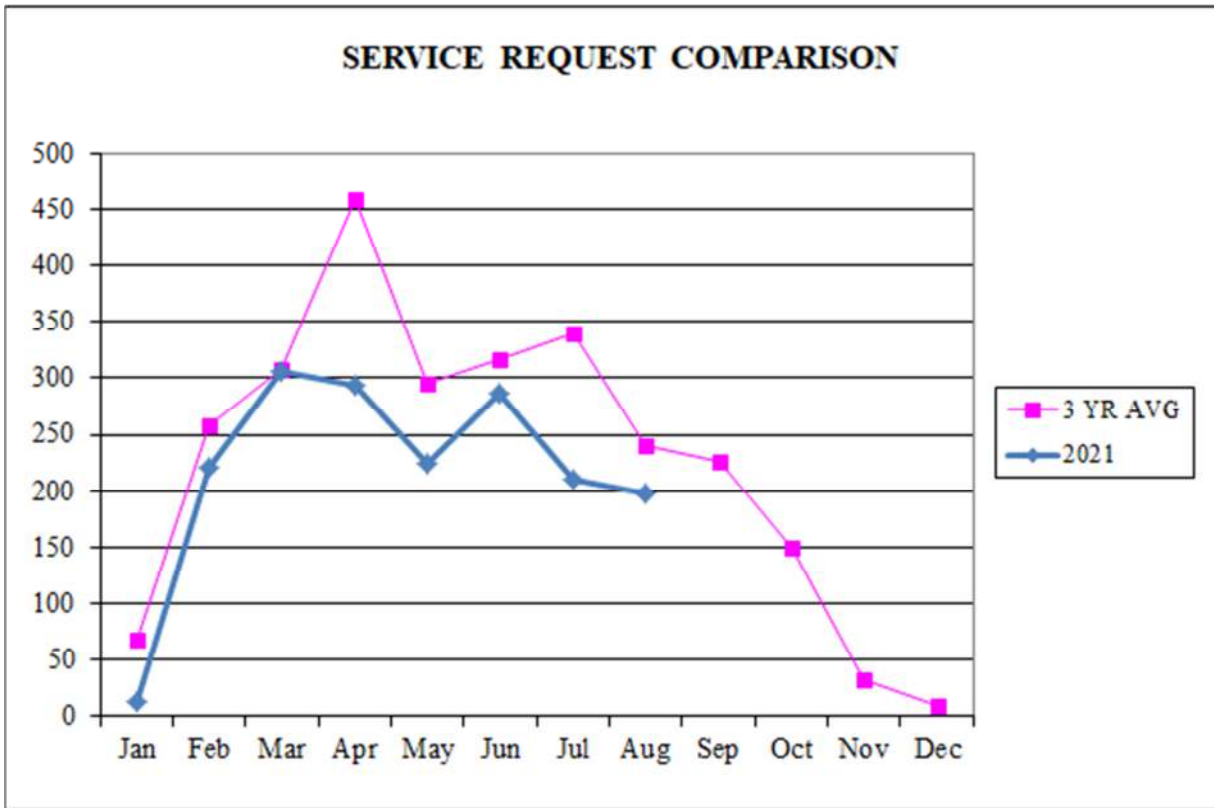
During the month of August the District has performed trials with Adapco, Clarke, UC Davis and Valent BioScience. The District worked with Adapco in evaluating MGK's Evergreen 5-25 adulticide. Follow up trials were conducted with Clarke examining Natular SC applied in a Wide Area Larvicide method. Our work with UC Davis Regional Center of Excellence focused on a study of cage efficacy. Valent BioSciences worked with the District in evaluating a prospective new adulticide that is in process of registration. In the month of September the District plans on evaluating Fyfanon EW, a Malathion based adulticide. The District is considering using this product as a rotational product with the current adulticide, Deltagard.

Culex and West Nile Virus (WNV) Control

Virus activity is normally high in August as was the case again this year; although, a little later in the month than normal. August had a total of 100 radius inspections of WNV positive traps which led to the treatment of over 34,000 acres. The catch basin crew continues to respond to WNV positives while also conducting routine inspects and treatments as needed.

Invasive Aedes Control

Yolo County had 79 traps come back positive for *Aedes aegypti*, many of which were repeat detections from our permanent sites. Sacramento County had 39 detections including the first detection of *Aedes aegypti* in the City of Elk Grove and a single adult found in the Orangevale area. The District responded to the new detections in Elk Grove with a WALs route that was conducted in conjunction with an adulticide treatment on August 31st. Continued trapping and response will persist in areas with high *Aedes aegypti* larval detections and adult activity. The areas of Arden-Arcade and the City of Winters continue to be monitored closely for breeding.



Larvicide Applications thru August 31 st				
Locations/Roles	2021		2020	
	Treatments	Acres	Treatments	Acres
Sacramento County	5,670	10,048	7,282	6,707
Sac County Aerial	33 Orders	18,077	26 Order	20,220
Sac County Drone Treatments	19 orders	1366	12 orders	546
Yolo County	1,231	5,932	1,629	3,616
Yolo County Aerial	55 Orders	112,184	63 Order,	97,984
Yolo County Drone Treatments	23 Order	1,769	7 Orders	440
CB Treated	148,608	--	121,3494	--
CB Inspected -not treated	139,475	--	135,463	--

PUBLIC INFORMATION AND EDUCATION
Monthly Report for the September 2021 Board Meeting

Invasive Mosquitoes and Media

As a result of issuing a press release for Labor Day and announcing the detection of invasive mosquitoes in Elk Grove and Orangevale, we received media coverage in the Sacramento Bee and the Elk Grove Citizen.

With the ongoing detection of invasive mosquitoes at various homes in Winters the local paper, the Winters Express, also published a detailed article that explained the ongoing findings and challenges faced by District staff as they conduct door to door inspections with recommendations for residents on reducing sources around their home. As part of our ongoing outreach efforts in Winters a one page English and Spanish mailer specifically about invasives was mailed out to all residences and we continue to run ads in the local paper.

A postcard was sent out to Arden-Arcade residents within the zip code of where invasive mosquitoes have been found. We have also started a partnership with the publication Inside Arden, where ads will run in September and October. The District is following a similar strategy for the Elk Grove detection.

Advertising Campaign

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

Social media Outreach

Messages specific to invasive *Aedes* mosquitoes were posted on all platforms along with Facebook posts that were boosted and targeted specifically to residents located within the detection areas. In addition, we also used Nextdoor to post specific messages regarding the invasive mosquito findings and included photos of backyard sources and District staff conducting inspections. The city of Elk Grove and Cosumnes CSD Parks and Recreation Department are also sharing our messages on their social media pages.

Repellent Distribution

We have recently provided repellent wipes to River City Food Bank, Harm Reduction Services, an agency that provides services to homeless residents, and a Galt Boy Scouts troop. Upon the detection of invasive mosquitoes in Elk Grove we provided repellent to Cosumnes CSD and the City of Elk Grove. In addition, repellent was dropped off at the Sacramento City Hall for movie nights and other events sponsored by local elected officials.

Government affairs:

As part of our ongoing detection of invasive mosquitoes as well as WNV activity, we have been keeping local elected officials informed by sending them regular email updates with our findings and response activities.

MVCAC Public Relations Committee

The PR Committee holds monthly meetings to discuss charges and projects outlined by the association. One of the ongoing charges is to develop Sterile Insect Technique (SIT) materials, specifically three short whiteboard videos that focus on invasive mosquitoes and the various SIT methods currently being considered. We selected a vendor and developed a voice over script and animation suggestions to be included in the video. The draft script was sent out to committee and board members for revisions before being finalized. Staff is currently translating the script into Spanish and will also be recording and narrating the video. The focus of this first video is the self-limiting technique currently being used in Florida and the other two videos will be about Wolbachia and irradiation.

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Sacramento-Yolo Mosquito and Vector Control District

September 21, 2021 Board Meeting

4. Board Review and Consideration of Modifications to District Cafeteria Plan Document

Staff Report:

The Consolidated Appropriations Act of 2021 provides employers with additional options to amend their Flexible Spending Account to provide employees with further relief during the pandemic.

For plans that include a Health FSA Carryover Feature, like the one the District has, the Maximum Carryover is set at \$550 for the plan year beginning in 2021. Previous relief turned this into an indexed amount that will be adjusted to equal 20% of the largest amount of Health FSA salary reductions allowed for that plan year (\$2,750 for plan year 2021). The Appropriations Act added the option to remove the Maximum Carryover to allow employees to carry over all leftover funds from 2021 to 2022 without forfeiting amounts over the \$550 limit.

The relief allows for the Liberalization of Election Change Rules during the Remainder of 2021. Once amended, participants may change their Health FSA elections for the rest of the current plan year without needing to provide a reason to do it. Prior to this relief, changes could only be made for certain “qualifying” reasons. Both aspects of this relief are intended to minimize account balance forfeitures resulting from impacts of COVID-19.

District staff worked with our FSA provider, P & A Group, and Ken Ruthenberg with the Employee Benefits Law Group, PC on incorporating the applicable changes under the Cares Act and IRS guidance into the District Cafeteria Plan Document using the attached Cafeteria Plan Amendment.

Recommendation:

Approve the Amendment to the District Cafeteria Plan Document

**SACRAMENTO-YOLO
MOSQUITO & VECTOR CONTROL DISTRICT
CAFETERIA PLAN
AMENDMENT**

The Sacramento-Yolo Mosquito & Vector Control District Cafeteria Plan is amended as follows effective as of September 1, 2021:

1. Section 5.07, "Irrevocability Of Elections," is amended by adding new subsection P, "2021 Mid-Year Elections," to read as follows:

P. 2021 Mid-Year Elections.

Notwithstanding the preceding provisions, for the Plan Year ending on December 31, 2021 only, a Participant may make a mid-year election during 2021 in order to revoke an election, make a new election, decrease or increase an existing election, applicable to the benefits provided under (i) the Medical Expense Reimbursement Benefit article, (ii) the Dependent Care Assistance Benefit article, or (iii) both, on a prospective basis. The Employer shall notify the Participants of this opportunity as soon as administratively feasible during the Plan Year ending December 31, 2021.

2. Subsection G of section 7.03, "Medical Expense Reimbursement Benefit Limitations," is amended by adding new paragraph 6 to read as follows:

6. *In accordance with and to the extent permitted by Internal Revenue Service Notice 2020-19 and subsequent guidance, the Consolidated Appropriations Act, 2021, any subsequent legislation, and the lawful guidance published by the Internal Revenue Service thereunder and under Code section 125 (e.g., Internal Revenue Service Notice 2020-15), a Participant may apply unused amounts remaining under this Medical Expense Reimbursement Benefit article as of the end of the Plan Year ending in 2021, to pay or reimburse expenses incurred for the same qualified benefit through the Plan Year ending in 2022.*

All other provisions of the plan as in effect prior to this Amendment shall remain unchanged by this Amendment.

Executed this _____ day of _____, 2021.

Sacramento-Yolo Mosquito & Vector
Control District

By: _____

Title: _____

Sacramento-Yolo Mosquito and Vector Control District

September 21, 2021 Board Meeting

5. Board Review and Consideration for Fencing of Two Ponds

Staff Report:

The Fisheries department rears approximately 3,500 lbs. of *Gambusia affinis* on an annual basis. Commonly known as mosquitofish, this species of fish makes up the backbone of the District's Biological Control Program. Field Technicians plant these fish in both rural and urban areas in bodies of water that are conducive to this type of control. Habitats where they are commonly used include unmaintained swimming pools, rice fields, and wetlands.

The Fisheries department maintains 21 earthen ponds that are in operation year round. Over the past several years the department has taken steps to boost the productivity and quality of the mosquitofish reared in these ponds and two factors have emerged as key ingredients; water quality and predatory exclusion. Of the 21 earthen ponds on the District property, 10 are fenced and covered with a net on top. The Fisheries department has found that this, in the combination with boosting water quality levels, is instrumental in increasing production out of a pond as well as the overall health of the mosquitofish.

The District staff is requesting approval to fence two additional ponds to further improve mosquitofish yields at the District. With increased yields of mosquitofish, staff can treat more sources and treat current sources such as rice fields and wetlands at higher rates reducing the potential to treat these sites with pesticides. District staff reached out to get bids for the proposed project and they are summarized below and copies of the quotes are attached.

Vendor	Total Cost
Arrow Fence Co.	\$91,360
S & S Fence Company Inc.	\$93,460
Stockton Fence & Material Co.	\$73,602

All three vendors are well reviewed, bonded and licensed, and have all the proper liability protection requirements to perform this project. All the bids were submitted at the required prevailing wage.

Recommendation:

Authorize staff to contract with Stockton Fence & Material Company for the project not to exceed \$80,000.



SUBMITTED Sacramento Yolo Mosquito- Tony				DATE 9/8/2021		CONTRACT NO. 11496-Rev	
STREET 8631 Bond Rd				JOB NAME Sacramento Mosquito		JOB PHONE 916-417-4673	
CITY, STATE, AND ZIP CODE Elk Grove, CA 95624				JOB LOCATION 8631 Bond Rd Elk Grove, CA 95624			
PHONE 916-417-4673			FAX/E-MAIL thedley@fightthebite.net			SALESMAN Armando Ramirez	
CHAIN LINK		ORNAMENTAL IRON					
WIRE FABRIC GAUGE	DIAMETER TERMINAL POST	POST SIZE	PANEL STYLE / COLOR	DIAMETER POST	RAIL	OVERALL LENGTH	OVERALL HEIGHT
2-11-6KK	2 7/8					1,866'	6'
DIAMETER LINE POST	DIAMETER TOP RAIL	PICKET SIZE & SPACING	TOP & BOTTOM RAIL	LINE POST SPACING FT.		Drive GATE SIZE	DRIVE GATE SIZE
2 7/8	N/A					2- 7'x 6' DD	2-20'x6' DD
LINE POST SPACING FT.	10' Max	POST SPACING					2-16'x 6' DD

INSTRUCTIONS:

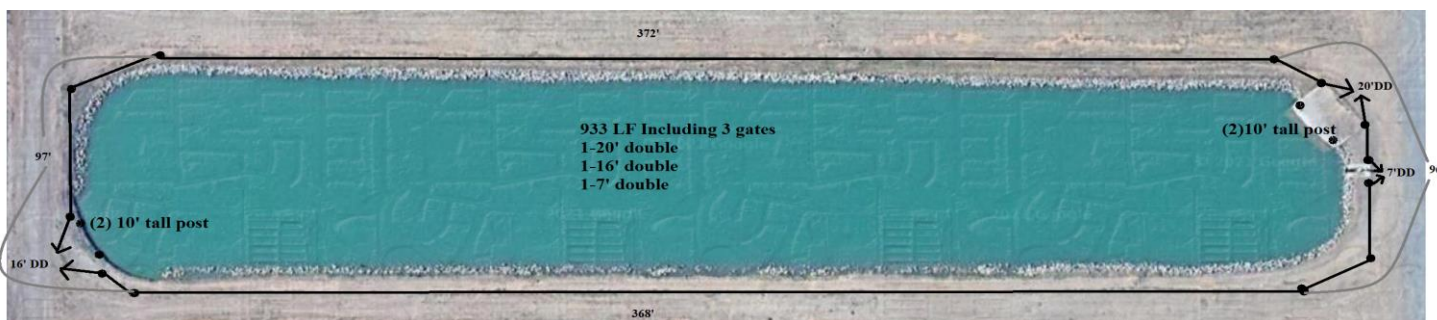
Supply and install approx. 1,866LF(2 ponds) of 6' tall chain link fence including (2) 20' wide double drive gate, (2) 16' wide double drive gate and (2) 7' double drive gate. Includes eight 10' tall post to allow access under net. Fence to be installed leaving a 4' walk path around pond. Priced using prevailing wages.

Includes the following on two ponds:

- 2-11-6'KK fabric
- 2 7/8" sch 40 line, terminal and 7' wide gate post.
- 3 1/2" sch 40 gate post
- Footing 12" x 36"
- 1 5/8" H Bracing
- Top and bottom 7GA tension wire
- Footing spoils to be spread on site
- Pad lockable gates

Excludes the following:

- net and net install
- removal of spoils



CONTRACT PRICE \$91,360.00 (QUOTE GOOD FOR 5 DAYS)

4025 Cincinnati Ave. Rocklin, CA 95765 • 916.626.3030 Fax 916.626.3037 • Contractor's License 436008

Tony
 Project Name & Address:
 Name Sac Yalo Mosquito Control Phone 916 405 2062
 Street 8631 Bond Rd
 City EO State _____ Zip _____

S & S Fence Company Inc.
 fencing-contractors.com
 7448 Reese Road
 Sacramento, California 95828
 Contractor License #910283
 Insured • Bonded 916-682-1100 / FAX 916-682-4433

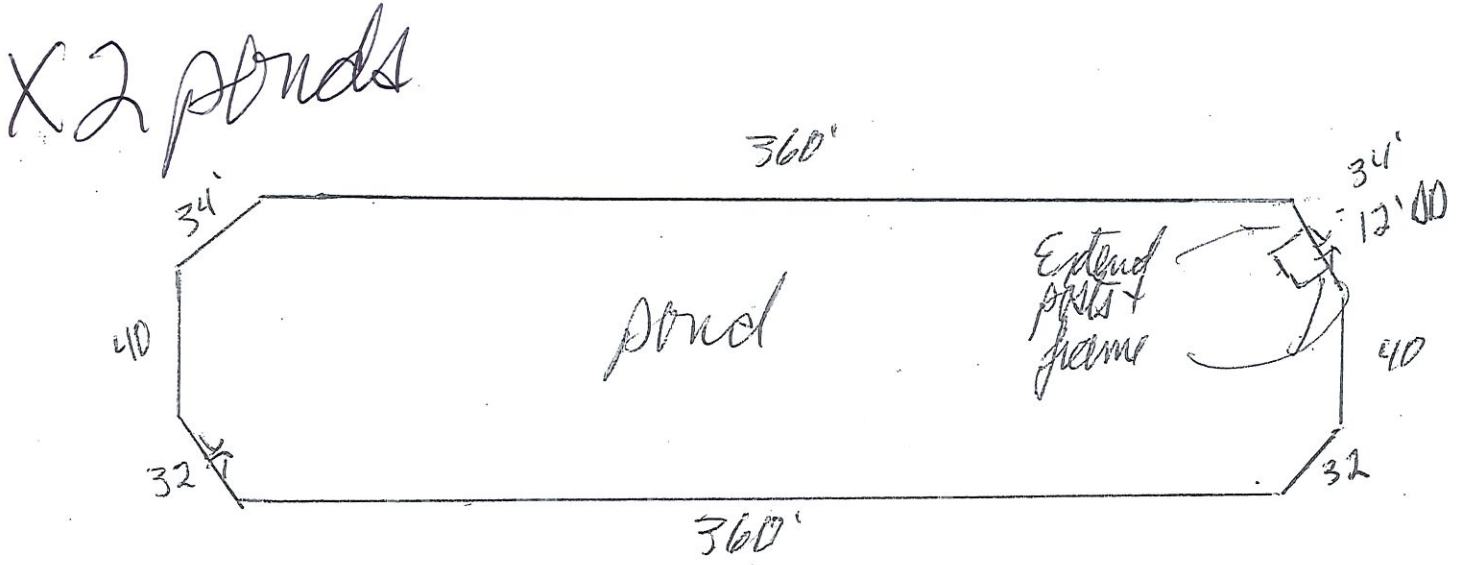
Total Length	Total Height	Fabric Gauge	Diam. Term. Posts	Diam. Gate Posts	Diam. Line Post	Top Rail	Bracing	Barb/Raz	Line Post Spacing	Set Instr.
1744	6'	1199	278	278	278	Top Rail	Box	/	10'	2'6"
Total:		2" GK	2 1/2"	2 1/2"	2 1/2"	Tension				1 1/2" dia

- Prevailing Wage
- Pre Lien
- Water / Electrical Avail.
- Needs USA Called
- Meet Cust. At Site
- Corners Marked
- Obstructions Marked
- Haul Off Dirt
- Salvage

Billing Address WV T+B
Comments: Heavy brace bands, Regular tension bands

Gates/Locks/Hold Backs:
2 - 12' double gates

Diagram: Dirt relocated by Sac Yalo MVE No 20813Y



add option for 3'x16" footings
\$6,800⁰⁰ extra

***Progress Payments May Be Required**

We hereby propose to furnish labor and materials - complete in accordance with the above specifications, for the sum of:
 _____ dollars (\$ 93,460⁰⁰) with payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accident or delays beyond our control. This proposal subject to acceptance within 30 days and is void thereafter at the option of the undersigned. Terms of invoices are net 30 days. All bills not paid within 30 days will incur a 1.5% late charge.
 *If contract is not paid in full within 30 days property is subject to lien.

Date of Proposal 9-2-21 Authorized Signature [Signature]

ACCEPTANCE OF PROPOSAL

The above prices, specifications, payment terms and conditions are hereby accepted. S & S Fence Company is authorized to perform the work as described above. **Upon acceptance of proposal, please sign and return white copy.**

Signature _____ ** Date _____
 Accepted this _____ day of _____, _____.

****Customer Please Note**** It is the responsibility of the customer to clearly mark sprinkler lines. Broken sprinkler lines not marked will be repaired at the expense of the customer. S & S Fencing will exercise caution to those areas marked.



PROPOSAL AND CONTRACT

Stockton Fence & Material Co.

2007 N. Wilson Way/ Bishop ~ P.O. Box 8314 Stockton, CA 95208

Phone: (209) 466-3166 Fax: (209) 466-5202

Contractors License #393334 (C13, C61/D28) Exp. 08.31.20

Date: _____

Customer Name: _____

Site Address: _____

Billing Address: _____

The undersigned agrees to furnish and provide necessary labor, materials, tools, implements, and appliances to do, perform and complete in a good workmanlike manner the following:

[Empty rectangular box for work description]

All the above work to be completed for the sum of _____ \$

- Terms of payment shall be as follows: Balance is due Net 30 Days
• This proposal is void if not accepted within 30 days.
• Owner responsible for location of property line, and permits.
• Owner responsible for location of all underground lines and cables.
• No removal included in quotation unless noted above.

Any alterations or deviation from the above, involving extra cost of material or labor, will be executed only on written orders for same and will become an extra charge over the sum mentioned above.

All agreements must be in writing.

All warranty work does not include labor.

Interest at the standard prevailing rate shall be charged on all overdue balances.

In the event that it becomes necessary to institute suit or to employ an attorney in connection with any provisions of this agreement, the prevailing party shall be paid such sum as the court adjudge as reasonable attorney's fees.

You are hereby authorized to furnish all materials and labor required to complete the work mentioned in the above proposal for which agrees to pay the amount mentioned in said proposal and in accordance with the terms thereof.

ACCEPTANCE

You are hereby authorized to furnish all materials and labor required to complete the work mentioned in the above proposal for which agrees to pay the amount mentioned in said proposal and in accordance with the terms thereof.

Respectfully submitted by: _____

ACCEPTED AND AUTHORIZED BY

Date: _____ Signed: _____

Property Owner : _____ Lender: _____

(if any)

NOTICE TO OWNER

Upon the recording of the enclosed MECHANICS LIEN with the county recorder's office of the county where the property is located, your property is subject to the filing of a legal action seeking a court-ordered foreclosure sale of the real property on which the lien has been recorded.

The party identified in the enclosed mechanics lien may have provided labor or materials for improvements to your property and may not have been paid for these items. You are receiving this notice because it is a required step in filing a mechanics lien foreclosure action against your property.

BECAUSE OF THE LIEN AFFECTS YOUR PROPERTY, YOU MAY WISH TO SPEAK WITH YOUR CONTRACTOR IMMEDIATELY, OR CONTACT AN ATTORNEY, OR FOR MORE INFORMATION ON MECHANICS LIENS GO TO THE CONTRACTORS STATE LICENSE BOARD WEB SITE AT www.cslb.ca.gov

Contractors are required by law to be licensed and regulated by the Contractor's State License Board. Any questions concerning a contractor may be referred to the registrar of the board whose address is: Contractors State License Board, 1020 N. Street, Sacramento, CA 95814

Stockton Fence & Material Co.

————— **Since 1949** —————

2007 N. Wilson Way/ Bishop ~ P.O. Box 8314 Stockton, CA 95208

Phone: (209) 466-3166 Fax: (209) 466-5202

www.stocktonfenceco.com

CUSTOMER TO COMPLETE FORM IN FULL

Stockton Fence & Material requires the following information for all projects. Please submit with your contract.

JOBSITE CONTACT: _____

JOBSITE CONTACT PHONE: _____

IS NOTICE REQUIRED BEFORE GOING ON-SITE TO COMPLETE WORK?

YES NO

BUSINESS NAME: _____

IF APPLICABLE

BILLING CONTACT: _____

BILLING ADDRESS: _____

SITE ADDRESS: _____

NEAREST CROSS STREETS: _____

EMAIL ADDRESS: _____

PHONE NUMBERS:

HOME: _____

CELL: _____

WORK: _____

OWNER NAME: _____

OWNER MAILING ADDRESS: _____

OWNER PHONE NUMBER: _____

PLEASE SEND ALL SIGNED QUOTES TO KATIE@STOCKTONFENCECO.COM & CC:
LORI@STOCKTONFENCECO.COM

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Sacramento-Yolo Mosquito and Vector Control District

September 21, 2021 Board Meeting

6. **Closed Session- Conference with Legal Counsel – Threatened or Anticipated Litigation (Gov. Code s. 54956.9 (d)(1), (d) (2)) – One (1) Matter – Unfair Labor Practice Charge Filed with Public Employment Relations Board by Operating Engineers Local No. 3.**

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Sacramento-Yolo Mosquito and Vector Control District

September 21, 2021 Board Meeting

- 7. Closed Session- Provide Instruction to Designated Labor Representatives (Gov. Code s. 54957.6-Labor Negotiations)**
Agency Designated Representatives : [Gary Goodman, Janna McLeod, Samer Elkashef, Chris Voight] **Employee Organization:**
[Operating Engineers Local Union #3]

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