

SACRAMENTO-YOLO
MOSQUITO & VECTOR
CONTROL DISTRICT

DECEMBER 14, 2021

BOARD OF TRUSTEES
SPECIAL 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 SPECIAL MEETING**

8631 Bond Road
Elk Grove, CA 95624

**AGENDA
December 14, 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 November 16, 2021 Board of Trustees Meeting**
- b. Expenditures for November 2021**
- c. Deposit VCJPA Retrospective Adjustment of \$115,569 into District Member Contingency Fund**
- d. District Investment Report for Period Ending September 30, 2021**
- e. Board Review and Consideration of Legal Services Agreement Effective January 1, 2022**
- f. Board Consideration of Resolution Honoring Marcia Reed for Her Years of Service**
- g. Board Consideration to Surplus District Property**

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**
 - **Microbiologist**
 - **Vector Ecologist**
 - **Biologist**

- Ecological Management
- Biological Control
- Larval and Adult Control
 - Field Supervisors
- Geographic Information Systems
- Shop Supervisor
- Public Outreach
- Administration

4. **Board Review and Consideration for the Purchase of a New Utility Vehicle for District Operations**
5. **Board/Staff General Discussion**
6. **Adjournment**

Sacramento-Yolo Mosquito and Vector Control District

December 14, 2021 Board Meeting

1. Items for Approval by General Consent:

- a. Minutes of the November 16, 2021 Board of Trustees Meeting;
- b. Expenditures for November 2021;
- c. Deposit VCJPA Retrospective Adjustment of \$115,569 into District Member Contingency Fund;
- d. District Investment Report for Period Ending September 30, 2021;
- e. Board Review and Consideration of Legal Services Agreement Effective January 1, 2022;
- f. Board Consideration of Resolution Honoring Marcia Reed for Her Years of Service;
- g. Board Consideration to Surplus District Property.

Recommendation:

Approve the Items by General Consent

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**MINUTES OF THE NOVEMBER 16, 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
Janell Darroch		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
Staci Gardiner		Isleton

TRUSTEES ABSENT:

None

LEGAL COUNSEL:

Jennifer Buckman

STAFF PRESENT:

Gary Goodman	Manager
Janna McLeod	Administrative Manager
Marcia Reed	Laboratory Director
Steve Ramos	Program Coordinator
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. All Trustees were in attendance; therefore, a quorum was present.

Pledge of Allegiance

All attendees are asked to silence their phones and electronic devices during the meeting.

1. ITEMS FOR APPROVAL BY GENERAL CONSENT

On a motion by Trustee Denny and seconded by Trustee McGarvey, the Board voted to approve General Consent Items a through e. The vote was taken by roll call and the motion passed by the following vote: Ayes: 13, Noes: 0, Absent: 0.

- a. Minutes of the October 19, 2021, Board of Trustees Meeting;
- b. Expenditures for October 2021;
- c. Board Review and Consideration to Authorize the Board Meeting be Conducted by Teleconference;
- d. 2022 District Annual Operating Plan Pursuant to Section 8 of the MOU between the USFWS and SYMVCD;
- e. Board review and Consideration of Implementation of Records Management Policy.

2. OPPORTUNITY FOR PUBLIC COMMENT

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

Mr. Felix Huerta Jr, representative of OE3, requested to speak during public comment. Mr. Huerta updated the Board on the status of the union position related to the unfair labor charge filed with PERB and urged the Board to direct staff to resolve the matter at the formal conference to be scheduled in March 2022.

3. BOARD REVIEW AND DISCUSSION OF THE 2020-2021 DISTRICT AUDIT

Erica Pastor, partner with Mann, Urrutia, Nelson, CPAs and Associates, LLP, presented the audit report and was available to answer questions. Ms. Pastor indicated the District received an unmodified opinion, meaning they had no significant findings and no compliance issues as part of the audit. On a motion by Trustee Denny and seconded by Trustee Darroch, the Board voted to accept the 2020-2021 Audit. The vote was taken by roll call and the motion passed by the following vote: Ayes: 13, Noes: 0, Absent: 0.

4. REPORTS TO THE BOARD

a. Manager's Report:

The District's West Nile testing season is complete. We will begin testing again in late spring. We are continuing to monitor the invasive mosquito issue throughout the District as we have had a number of new detections found in 2021. The colder weather should make surveillance efforts more difficult in finding these mosquitoes. Staff will be working on winter projects including maintenance of equipment, the facility, and completing our annual training. The MVCAC Quarterly Meeting was held in person and online October 26th and 27th. We have included a summary of the discussion points from each committee. The MVCAC Planning Session will be held December 7th and 8th.

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. With the season ended the lab tested a total of 7244 mosquito sample pools of which 197 were positive for West Nile virus. Most of the positive pools were from Sacramento County. Over the course of the season 5 sentinel chickens tested positive for West Nile virus three from Knight's Landing, one from Dunnigan and one from Isleton.

Ecological Management: Ecological Management Supervisor, Marty Scholl provided a written report in the Board packet.

Biological Control: Fisheries Supervisor, Tony Hedley provided a written report in the Board packet.

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. Both adult and larval aerial treatments ended in October. Data analysis for trials conducted during the season is ongoing with presentations to be made at MVCAC and AMCA conferences. West Nile virus activity dropped significantly in October as is expected with Field Technicians performing source management as some breeding is still active during cooler temperatures.

Public Outreach: Public Information Officer, Luz Robles reported on department activities including Invasive Mosquitoes, Media Coverage, Social Media and Nextdoor, Government Affairs, and Repellent Distribution. A press release was issued when a new detection was made, and we received media interest from ABC 10. A field day was coordinated with the camera crew and a field technician as he conducted an inspection and backyard treatment. Repellent was distributed to My Sister's House a local nonprofit as well as to a local community group called Break the Gap that provides services to homeless residents in the area,

5. CLOSED SESSION- PROVIDE INSTRUCTION TO DESIGNATED LABOR REPRESENTATIVES (GOV. CODE S.54957.6-LABOR NEGOTIATIONS) AGENCY DESIGNATED REPRESENTATIVE: [GARY GOODMAN, JANNA MCLEOD, SAMER ELKASHEF, CHRIS VOIGHT] EMPLOYEE ORGANIZATION: [OPERATING ENGINEERS LOCAL UNION #3]

President Burnett called the Board into closed session at 10:58am. The Board re-opened the regular meeting at 11:08am reporting that the Board gave direction to the negotiating team.

6. BOARD REVIEW AND CONSIDERATION FOR APPROVAL OF ASSISTANT MANAGER EMPLOYMENT AGREEMENT

Manager Goodman presented the item and was available to answer questions. On a motion by Trustee Karpinski-Cost and seconded by Trustee Denny, the Board voted to approve the Employment Agreement with Assistant Manager, Samer Elkashef. The vote was taken by roll call and the motion passed by the following vote: Ayes: 13, Noes: 0, Absent: 0.

7. BOARD/STAFF REPORTS AND REQUESTS

The City of Isleton appointed a new Trustee to fill the current vacancy. Manager Goodman introduced Staci Gardiner and she shared what made her interested in becoming a member of the Board as well as her background. In turn, the Board each introduced themselves.

The date of the December Board meeting has been moved from December 21st to December 14th

8. ADJOURNMENT

The meeting adjourned at 11:09 am

* * * * *

I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the November 16, 2021, meeting.

Gary Goodman, Manager

Approved as written and/or corrected by the Board of Trustees at the December 14, 2021, meeting.

Marcia Mooney, Board Secretary

November 2021 Check Register
Activity From: 11/1/2021 to 11/30/2021
Sacramento Yolo MVCD (SYC)

Bank Code: U US Bank

Check Number	Check Date	Vendor Number	Name	Check Amount
055314	11/2/2021	0002415	HANAN LEPEK	30,000.00
055315	11/2/2021	0002352	Kingsley Bogard, LLP	6,663.88
055316	11/2/2021	0000504	US Bank	22,940.32
055317	11/10/2021	0000018	ANDKO Building Maintenance Inc.	4,804.94
055318	11/10/2021	0000034	AutoZone Inc	1,169.17
055319	11/10/2021	0001019	Cintas Corporation	2,160.09
055320	11/10/2021	0000117	City of Woodland	558.64
055321	11/10/2021	0000126	Complete Welders Supply Inc	7,898.93
055322	11/10/2021	0000128	Consolidated Communications	2,391.84
055323	11/10/2021	0000124	Effectv	11,893.75
055324	11/10/2021	0000186	Elk Grove Water District	348.78
055325	11/10/2021	0000198	Factory Motor Parts Co	771.95
055326	11/10/2021	0000199	Farm Air Flying Service	15,162.07
055327	11/10/2021	0000202	Ferrellgas	28.27
055328	11/10/2021	0000240	Hunt & Sons Inc	1,814.30
055329	11/10/2021	0000277	Kimball Midwest	468.53
055330	11/10/2021	0000279	KMAX TV	6,629.50
055331	11/10/2021	0002350	Linde Gas and Equipment INC.	76.35
055332	11/10/2021	0000497	MagneGas Welding Supply	78.65
055333	11/10/2021	0000306	Maita Chevrolet	96.01
055334	11/10/2021	0000308	Mann Urrutia Nelson CPAs & Assoc LLP	4,000.00
055335	11/10/2021	0000356	OReilly Automotive Stores Inc	776.48
055336	11/10/2021	0000367	PG & E	357.42
055337	11/10/2021	0000454	Spark Creative Design	2,792.94
055338	11/10/2021	0002407	Valley Fire & Security	69.50
055339	11/10/2021	0000518	Vector Disease Control International	52,083.33
055340	11/10/2021	0000529	Waste Management	167.45
055341	11/15/2021	0000176	EDD	VOID
055342	11/15/2021	0000267	Kaiser Foundation Health Plan	46,139.22
055343	11/15/2021	0000357	P & A Administrative Services Inc	94.50
055344	11/15/2021	0000373	Preferred Benefit Ins Administrators	8,453.50
055345	11/15/2021	0000957	Sutter Health Plus	8,721.38
055346	11/15/2021	0000531	Western Health Advantage	5,921.43
055347	11/15/2021	0000531	Western Health Advantage	3,025.49
055348	11/22/2021	0000014	Alhambra & Sierra Springs	25.95
055349	11/22/2021	0001477	Auto Start of Elk Grove	1,470.00
055350	11/22/2021	0001011	Buckmaster Office Solutions	412.92
055351	11/22/2021	0000119	Clarke Mosquito Control Products Inc	31,686.61
055352	11/22/2021	0000126	Complete Welders Supply Inc	1,248.21
055353	11/22/2021	0000168	Dignity Health Med Fdtn-Sacramento	130.00
055354	11/22/2021	0000502	ES Opco USA LLC	22,081.21
055355	11/22/2021	0000200	Fastenal Company	53.36
055356	11/22/2021	0000204	Fisher Scientific International Inc	320.64
055357	11/22/2021	0000219	Gary Goodman	1,344.30
055358	11/22/2021	0000240	Hunt & Sons Inc	3,641.20
055359	11/22/2021	0000267	Kaiser Foundation Health Plan	VOID
055360	11/22/2021	0000277	Kimball Midwest	317.54
055361	11/22/2021	0000293	Life Technologies Corporation	3,002.23

055362	11/22/2021	0000320	Mettler Toledo Rainin LLC	1,474.94
055363	11/22/2021	0000367	PG & E	895.66
055364	11/22/2021	0000377	Radial Tire of Elk Grove	94.95
055365	11/22/2021	0001270	Rubicon Global, LLC	208.27
055366	11/22/2021	0000398	Russian American Media Inc	2,375.00
055367	11/22/2021	0000503	Univision Communications Inc	7,780.00
055368	11/22/2021	0000510	US Postal Service	2,000.00
055369	11/22/2021	0000526	VWR International Inc	107.00
055370	11/22/2021	0001471	Walker's Office Supply	771.69
055371	11/22/2021	0000531	Western Health Advantage	VOID
55372	11/22/2021	0000531	Western Health Advantage	VOID
055373	11/22/2021	0000368	Winters Express	150.00
055374	11/30/2021	0000043	Benefit Coordinators Corporation	3,274.59
055375	11/30/2021	0000084	CA State Disbursement Unit	350.00
055376	11/30/2021	0001035	Operating Engineers Local Union No. 3	1,188.00
W00224	11/30/2021	0000086	CalPERS 457 Plan	17,937.03
W00225	11/30/2021	0000561	United States Treasury	58,191.12
W00226	11/30/2021	0000176	EDD	15,934.40
W00227	11/30/2021	0000087	CalPERS Financial Reporting & Accounting Services	79,815.39
W00228	11/30/2021	0000339	Nationwide Retirement Solutions	2,925.00
W00229	11/30/2021	0000339	Nationwide Retirement Solutions	1,550.00

Bank U Total: 512,279.32

Report Total: 512,279.32

I hereby authorize the use of my signature plate on
the above-listed warrants, 055314 - 0055376
and EFTs W00224-W00229

Signature

Craig Burnett, President of the Board

Date

Sacramento/Yolo M.V.C.D.

STATEMENT OF OPERATION

	<i>5Months Ended November30 2021</i>	<i>Annual Budget</i>	<i>Unused</i>
Revenue			
REVENUE	27,842.42	0.00	27,842.42
TOTAL Revenue	27,842.42	0.00	27,842.42
Expenditures			
SALARIES/BENEFITS/WC			
SALARIES/BENEFITS/WC	6,609,390.10	9,136,769.78	2,527,379.68
TOTAL Salaries	6,609,390.10	9,136,769.78	2,527,379.68
OPERATIONAL			
LIABILITY INSURANCE	205,825.00	215,825.00	10,000.00
AUDITING/FISCAL	15,000.00	16,000.00	1,000.00
COMMUNICATIONS	29,710.29	93,500.00	63,789.71
PUBLIC INFORMATION	180,232.82	572,000.00	391,767.18
STRUCTURE & GROUNDS	29,811.57	83,000.00	53,188.43
MEMBER/TRAINING	44,148.30	119,000.00	74,851.70
DISTRICT OFFICE EXPENSES	7,453.31	17,500.00	10,046.69
PROFESSIONAL SERVICES	39,255.79	220,250.00	180,994.21
MATERIALS & SUPPLIES	6,782.34	22,000.00	15,217.66
RENTS & LEASES - Admin	3,333.37	11,550.00	8,216.63
SAFETY PROGRAM	490.00	5,000.00	4,510.00
UTILITIES	34,409.80	110,000.00	75,590.20
AIRCRAFT SERVICES	609,503.10	1,020,000.00	410,496.90
ECOLOGICAL MANAGEMENT	55.44	18,500.00	18,444.56
MICROBIAL	812,863.57	1,550,000.00	737,136.43
INSECT GROWTH REGULATOR	700,691.63	1,100,000.00	399,308.37
INSECTICIDES	375,751.06	1,100,000.00	724,248.94
FISHERIES	10,498.38	32,000.00	21,501.62
GEOGRAPHIC INFO SYSTEMS	3,368.00	9,000.00	5,632.00
INFORMATION TECHNOLOGY	25,501.32	66,680.00	41,178.68
CONTROL OPERATIONS	15,635.07	47,000.00	31,364.93
VEHICLE PARTS/LABOR	54,091.63	101,000.00	46,908.37
LAB SERVICES	100,754.08	185,000.00	84,245.92
GAS & PETROLEUM	102,546.70	170,000.00	67,453.30
TOTAL Total Operational	3,407,712.57	6,884,805.00	3,477,092.43

SYC Balance Sheet
As of 11/30/2021

Sacramento Yolo MVCD (SYC)

Assets

Current Assets

Cash in Bank-FSA	20,654.22	
Cash with LAIF	5,212,206.89	
Petty Cash	600.00	
US Bank	(282,926.07)	
Accounts Receivable	7,391.76	
Interest Receivable	8,352.00	
Assigned - Cash With VCJPA	1,665,077.00	
Inventory	1,347,050.17	
Total Current Assets:		7,978,405.97

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	4,520,441.00	
Deferred Outflows of Resources-GASB 75	889,066.00	
Total Other Assets:		5,409,507.00
Total Assets:		17,409,231.23

Liabilities

Current Liabilities

Payroll Taxes Payable	(2.93)	
Voluntary TL & AD&D	(643.93)	
Voluntary STD	(459.92)	
FSA Deductions	36,322.36	
P.E.R.S. Deductions	(1.04)	
Suspense	(6,664.00)	
Safety Program	(1,530.00)	
Accumulated Vacation	395,995.26	
Total Current Liabilities:		423,015.80

Long-Term Liabilities

Net Pension Liability	11,345,645.00	
Net OPEB Liability	1,436,704.00	
Deferred Inflow of Resources	2,046,550.00	
Deferred Inflow of Resources-GASB 75	491,114.00	
Total Long-Term Liabilities:		15,320,013.00
Total Liabilities:		15,743,028.80

Equity

INVESTMENT IN FIX ASSETS	4,021,317.96	
RESERVED CASH (INS.)	1,665,077.00	
Committed-Capital Outlay	700,000.00	
Unassigned - Dry Financing	6,000,000.00	
Retained Earnings-Current Year	(10,262,432.12)	
GENERAL FUND	(2,537,080.38)	
Committed - Vector/Disease Response	2,000,000.00	
Prior Period Adjustment	79,319.97	
Total Equity:		1,666,202.43

Run Date: 12/6/2021 9:00:29AM

G/L Date: 12/6/2021

Page: 1

SYC Balance Sheet
As of 11/30/2021

Sacramento Yolo MVCD (SYC)

Total Liabilities & Equity:

17,409,231.23



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

Janell Darroch
West Sacramento

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Citrus Heights

Raymond LaTorre
Sacramento

Susan Maggy
Sacramento County

Robert J. McGarvey
Rancho Cordova

Staci Gardiner
Isleton

Sacramento-Yolo Mosquito and Vector Control District Investment Report

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

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

As the District receives revenue from taxes and other resources 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 **September 30, 2021**.

Institution		Earnings	Total as of 09/30/2021
Yolo County Treasurer Investment Pool	0.806%*	\$532.08	\$632,474.69
L.A.I.F.	0.24%	\$6,569.74	\$6,820,558.89
VCJPA-Member Contingency Fund	1.45%	\$725.00	\$1,665,766.00
CERBT-Strategy 3		\$6,770.43	\$2,269,628.12
		District Total:	\$11,388,427.70

**Rates are reflected as annualized earning rates*

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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

October 21, 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 September 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 September 30, 2021:	0.806%*		\$ 532.08
Quarter ending September 30, 2021:		0.24%	\$ 6,569.74

Placement of Funds as of September 30, 2021:

Yolo County Treasurer's Pool (Fund 6953)	\$ 632,474.69
Flexible Spending Account	20,654.22
LAIF	<u>6,820,558.89</u>
Total	\$ 7,473,687.80

*Rates are reflected above as annualized earning rates.

Sincerely,

Sou Xiang
Accounting Manager



Vector Control Joint Powers Agency

Member Contingency Fund

For the Quarter Ended
September 30, 2021

Member District	Balance at Beginning of Quarter	Contribution	(Withdrawals)	Interest Earned	Allocated Admin.	Balance at End of Quarter
Alameda County	373,610			163	(8)	373,765
Burney Basin	42,645		(8,022)	17	0	34,640
Butte County	298,598			130	(6)	298,722
Coachella Valley	718,559			313	(15)	718,857
Coalinga-Huron	7,696			3	0	7,699
Colusa	94,918			41	(2)	94,957
Compton Creek	70,506			31	(2)	70,535
Consolidated	433,406			189	(9)	433,586
Contra Costa	1,275,487			555	(27)	1,276,015
Durham	4,391			2	0	4,393
Fresno	223,553			97	(5)	223,645
Glenn County	43,573			19	0	43,592
Greater Los Angeles	1,440,480			627	(31)	1,441,076
Lake County	142,998			62	(3)	143,057
Los Angeles County West	693,352			302	(15)	693,639
Marin-Sonoma	834,201			363	(18)	834,546
Napa County	1,326,630	7,600		579	(28)	1,334,781
No Salinas Valley	627,786			273	(13)	628,046
Northwest	348,575			152	(7)	348,720
Orange County	447,520			195	(10)	447,705
Oroville	12,085			5	0	12,090
Pine Grove	32,856			14	(1)	32,869
Placer	212,001			92	(5)	212,088
Sacramento-Yolo	1,665,077			725	(36)	1,665,766
San Gabriel Valley	135,332			59	(3)	135,388
San Joaquin County	731,169		(256,807)	262	(13)	474,611
San Mateo County	506,057			220	(11)	506,266
Santa Barbara County	72,772			32	(2)	72,802
Shasta	262,760			114	(6)	262,868
Sutter-Yuba	367,010			160	(8)	367,162
Tehama County	282,661			123	(6)	282,778
Turlock	257,256		(250,000)	58	(3)	7,311
West Valley	323,503			141	(7)	323,637
Total	14,309,022	7,600	(514,829)	6,118	(300)	13,807,611

Notes:
Yield to maturity rate on the VCJPA portfolio is 1.45% 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.

Sacramento-Yolo Mosquito & Vector Control District

CERBT Strategy 3

Entity #: SKB8-1375523307

Quarter Ended September 30, 2021



Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$2,263,350.19	\$2,263,350.19
Contribution	0.00	0.00
Disbursement	0.00	0.00
Transfer In	0.00	0.00
Transfer Out	0.00	0.00
Investment Earnings	6,770.43	6,770.43
Administrative Expenses	(284.50)	(284.50)
Investment Expense	(208.00)	(208.00)
Other	0.00	0.00
Ending Balance	\$2,269,628.12	\$2,269,628.12
FY End Contrib per GASB 74 Para 22	0.00	0.00
FY End Disbursement Accrual	0.00	0.00
Grand Total	\$2,269,628.12	\$2,269,628.12

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	18.275612	18.275612
Period Ending Unit Value	18.326303	18.326303

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 09/30/2021

Sacramento-Yolo Mosquito & Vector Control District

Entity #: SKB8-1375523307



Date	Description	Amount	Unit Value	Units	Check/Wire	Notes
------	-------------	--------	------------	-------	------------	-------

Client Contact:
CERBT4U@CalPERS.ca.gov

VCJPA 2021 REFUND PROCESSING AND DISTRIBUTION INSTRUCTIONS

POOLED LIABILITY AND POOLED WORKERS' COMPENSATION PROGRAM

RETROSPECTIVE ADJUSTMENTS

DISTRICT: Sacramento-Yolo MVCD

BACKGROUND:

At the November 9th, 2021 BOARD MEETING, THE 2021 ANNUAL REPORT FOR BOTH THE POOLED WORKERS' COMPENSATION AND POOLED LIABILITY PROGRAMS WAS PRESENTED. THE BOARD APPROVED TOTAL REFUNDS TO ACTIVE MEMBERS OF \$222,812 IN THE POOLED LIABILITY PROGRAM AND \$1,230,516 IN THE POOLED WORKERS' COMPENSATION PROGRAM. **YOUR DISTRICT'S PORTION OF THE TOTAL REFUND IS PRESENTED IN TABLE 1, BELOW.**

YOU HAVE THE OPTION TO APPLY YOUR DISTRICT'S PORTION OF THE REFUND TO THE MEMBER CONTINGENCY FUND, AND/OR HAVE THE AMOUNTS REFUNDED TO THE DISTRICT VIA CHECK. PAYMENT VIA ACH IS AVAILABLE TO THOSE DISTRICTS THAT HAVE PREVIOUSLY ESTABLISHED THEIR ACCOUNT INFORMATION WITH VCJPA.

TABLE 2 PRESENTS THE DISTRICT'S MEMBER CONTINGENCY FUND BALANCE AS OF September 30, 2021 WITH THE AMOUNT ABOVE OR (BELOW) THE CALCULATED PRUDENT BALANCE. MEMBERS MAY CONTRIBUTE UP TO THE PRUDENT BALANCE WITHOUT EXPLANATION PER THE AGENCY'S BYLAWS. CONTRIBUTIONS TO THE MEMBER CONTINGENCY FUND IN EXCESS OF THE PRUDENT BALANCE ARE ALLOWED, BUT THE DISTRICT'S REASON FOR EXCEEDING THE PRUDENT FUND BALANCE MUST BE DOCUMENTED IN WRITING AND SUBMITTED TO VCJPA FOR ITS FILES.

INSTRUCTIONS:

COMPLETE THE DISTRIBUTION INSTRUCTIONS USING TABLE 3 TO INFORM THE VCJPA HOW TO PROCESS YOUR DISTRICT'S REFUND. YOU MAY ELECT TO: 1) RECEIVE A PAYMENT FOR THE ENTIRE REFUND, 2) APPLY THE TOTAL REFUND TO THE MEMBER CONTINGENCY FUND, 3) APPLY A PORTION OF THE REFUND TO THE MEMBER CONTINGENCY FUND AND RECEIVE A PAYMENT FOR THE BALANCE FROM VCJPA.

PLEASE RETURN THE COMPLETED FORM BY DECEMBER 10, 2021.

TABLE 1 – CURRENT REFUND:

Below is the amount of your district's refund for the Pooled Liability and Pooled Workers' Compensation Programs as approved by the Board of Directors on November 9th, 2021.

Pooled Liability Program	\$ 18,789
Pooled Workers' Comp. Program	\$ 96,780

TABLE 2 – MEMBER CONTINGENCY FUNDS:

Below is the amount of your district's member contingency fund prudent balance and actual balance as of September 30, 2021 as well as the amount over or (under) the prudent balance.

PRUDENT BALANCE	MEMBER BALANCE	AMOUNT OVER (UNDER) PRUDENT BALANCE
\$ 1,041,820	\$ 1,665,766	\$ 623,946

VCJPA 2021 REFUND DISTRIBUTION INSTRUCTIONS
Sacramento-Yolo MVCD
DUE DATE: DECEMBER 10, 2021

TABLE 3 – DISTRIBUTION OF REFUNDS:

For the refund(s) listed in Table 1 above, please distribute as follows:

	LIABILITY REFUND	WORKERS' COMP. REFUND	TOTAL REFUND
TOTAL PROGRAM REFUNDS AVAILABLE TO DISTRIBUTE	\$ 18,789	\$ 96,780	\$ 115,569

DISTRIBUTE OUR
LIABILITY REFUND AS
FOLLOWS

DISTRIBUTE OUR
WORKERS' COMP.
REFUND AS
FOLLOWS



OPTIONS FOR DISTRIBUTION	ENTER AMOUNT	ENTER AMOUNT	TOTAL
1) ISSUE A PAYMENT TO THE DISTRICT FOR THE AMOUNT ENTERED			
2) APPLY AMOUNT ENTERED TO THE DISTRICT'S MEMBER CONTINGENCY FUND			
3) TOTAL (MUST AGREE TO TOTAL PROGRAM REFUND(S) SHOWN ABOVE)			

CANNOT EXCEED
\$ 18,789

CANNOT EXCEED
\$ 96,780

CANNOT EXCEED
\$ 115,569

Date: _____

Print Name of Person Completing Form: _____

Phone Number: _____ Email Address: _____

Email this form to: alex.gilbert@sedgwick.com

Questions? Please call Jim Elledge 916.244.1124

IF THIS FORM IS NOT RETURNED BY THE DUE DATE ABOVE, YOUR DISTRICT WILL RECEIVE THE REFUND IN THE FORM OF A CHECK.

NOTE: NO DEPOSITS WILL BE MADE TO THE MEMBER CONTINGENCY FUND WITHOUT A COMPLETED ELECTION FORM.
 VCJPA LEGAL COUNSEL HAS ADVISED THAT AN ANNUAL ELECTION SHOULD BE MADE BY THE MEMBER DISTRICTS;
 STANDING ORDERS TO DEPOSIT REFUNDS IN THE MEMBER CONTINGENCY FUND WILL NOT BE ACCEPTED.

BARTKIEWICZ, KRONICK & SHANAHAN

RICHARD P. SHANAHAN
RYAN S. BEZERRA
JOSHUA M. HOROWITZ
JENNIFER T. BUCKMAN
ANDREW J. RAMOS
CHRISTINE M. DUGGER
BRITTANY N. BRACE

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Retired
PAUL M. BARTKIEWICZ
STEPHEN A. KRONICK

Of Counsel
HOLLY J. JACOBSON

December 3, 2021

VIA EMAIL

Mr. Gary W. Goodman, General Manager
Sacramento-Yolo Mosquito and
Vector Control District
8631 Bond Road
Elk Grove, CA 95624

Re: Legal Services Agreement and 2022 Rates

Dear Gary:

In order to account for increased costs and changes in the experience of our professional staff, and particularly the 6% increase in the Consumer Price Index for the Sacramento region over the past 12 months, Bartkiewicz, Kronick & Shanahan is adjusting its hourly rates for professional staff, effective January 1, 2022. The following are the rates for 2022:

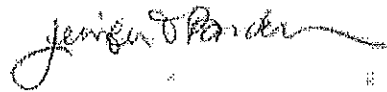
Principal I	\$340/hour
Principal II	\$315/hour
Associate I	\$285/hour
Associate II	\$275/hour
Of Counsel	\$330/hour

We will continue to make our very best efforts to control costs so that we are able to provide you the highest quality legal services at the most reasonable rates possible.

December 3, 2021
Gary W. Goodman
Page 2

Thank you for the continued opportunity to provide you with legal services; we sincerely appreciate the District's business. Please contact us if you have any questions concerning this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jennifer T. Pender", with a long horizontal flourish extending to the right.

Resolution No. 12-14-21

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
SACRAMENTO-YOLO MOSQUITO AND VECTOR CONTROL DISTRICT
HONORING *MARCIA REED*
FOR HER 16 YEARS OF SERVICE**

WHEREAS, on this fourteenth day of December, two thousand twenty-one, **MARCIA REED** is honored for her sixteen years of service with the Sacramento-Yolo Mosquito and Vector Control District; and

WHEREAS, **MARCIA REED** started her career with the District in the Laboratory working as a Vector Ecologist; continued her career with the District as a Program Coordinator, and then returned to the Laboratory as the Laboratory Director; and

WHEREAS, **MARCIA REED** during her tenure was instrumental in developing and implementing the District's surveillance and response to West Nile virus, broadening and improving the District's aerial applications, creating and instituting the District's surveillance program for the invasive *Aedes aegypti* mosquito; and

WHEREAS, **MARCIA REED** contributed to the growth and development of various committees with her involvement for the Mosquito and Vector Control Association of California and gave numerous presentations at various conferences with the goal of education and furthering the vector control industry; and

WHEREAS, **MARCIA REED** has had a profound impact to the betterment of the District with her various roles and contributions across numerous departments; and

WHEREAS, **MARCIA REED** has decided to retire after sixteen years of service with the District.

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District expresses congratulations and sincere gratitude to **MARCIA REED** for 16 years of service with the Sacramento-Yolo Mosquito and Vector Control District and wishes her continued success in her future endeavors.

PASSED AND ADOPTED by the Board of Trustees of the Sacramento-Yolo Mosquito and Vector Control District on the 14th day of December 2021 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

By: _____
Craig Burnett, Board President

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1. Items for Approval by General Consent:

g. Board Consideration to Surplus District Property

The District would like to surplus the items below and will dispose/recycle and or sell the items. All of these items are either no longer working or no longer used by the District.

Blue Fiberglass Boat
Dewalt Radial Arm Saw
Lawn Mower
Electric Scooter
Table Top Grinder
Ditch Pump
Ice Machine
19 BioGents Counter Traps

Recommendation:

Approve the items for surplus

Sacramento-Yolo Mosquito and Vector Control District

December 14, 2021 Board Meeting

3. Reports to the Board

a. Manager's Report

b. Reports from District Departments

a. Manager's Report

The year is at an end and staff are preparing for the upcoming 2022 season with planning, training, and equipment maintenance.

The Mosquito & Vector Control Association of California (MVCAC) planning meeting was held on December 7th and 8th. The goals of the association for the upcoming year will be to continue engaging with stakeholders on various issues relevant to vector control including educating our legislators and regulatory agencies on the importance of our role in protecting public health. The major topics for education and engagement include issues associated with stormwater systems, wetland management, NPDES, cannabis cultivation, sterile insect technology, vector control research, and increasing the overall profile of MVCAC and public health. The MVCAC committees gave updates on their standing charges.

List of Standing Committees

Executive

CalSurv

Information Technology

Integrated Vector Management

Laboratory Technologies

Legislative

Public Relations

Reeves New Investigator

Regulatory Affairs

Training and Certification

Vector and Vector Borne Disease

Vector Control Research

District staff are continuing the work on the five-year plan for future activities and direction of the District. Staff will provide an update to the Board in January on the items highlighted in the plan.

b. Reports from District Departments

- Lab/Surveillance (Marcia Reed-written)
- Microbiologist-Kara Kelley
- Vector Ecologist-Debbie Dritz
- Biologist-Sarah Wheeler
- Ecological Management (Marty Scholl-written)
- Biological Control (Tony Hedley-written)
- Larval and Adult Control (Steve Ramos-written)
- Control Supervisors- Kevin Combo Brett Day, Demetri Dokos, Will Hayes, Ryan Wagner
- Geographic Information Systems-Ruben Rosas
- Shop-Tom Price
- Public Outreach (Luz Maria Robles-written)
- Administration-Janna McLeod, Shelley Eckler and Samer Elkashef

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LABORATORY Monthly Report for December 2021 Board Meeting

Insectary:

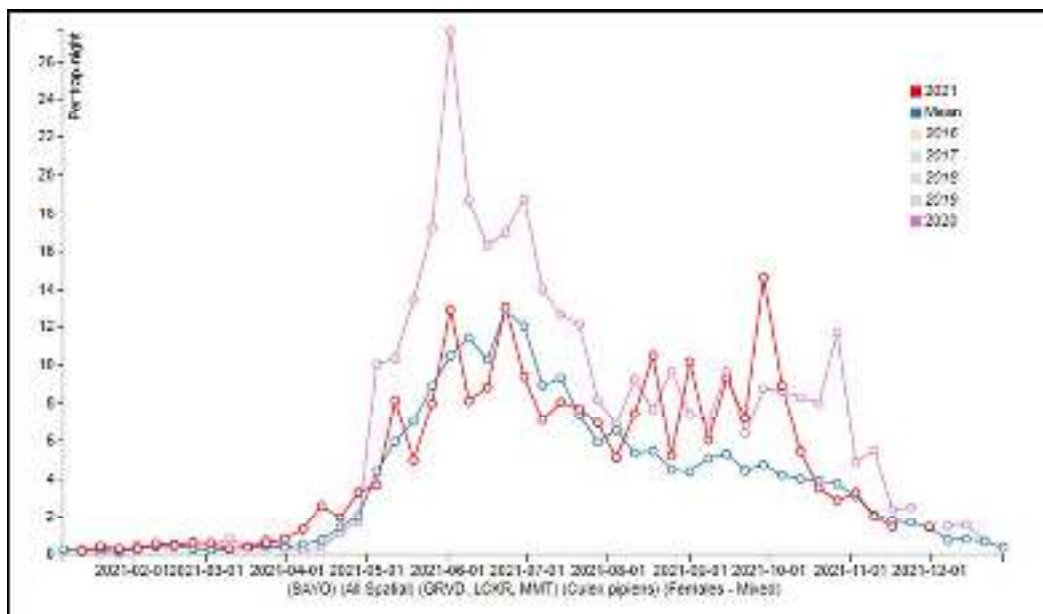
Colonies maintained: *Culex tarsalis* Kern National Wildlife (susceptible)
Culex quinquefasciatus Cq1 (susceptible)
Culex pipiens Woodland (resistant)
Culex pipiens South Watt (susceptible?)
Culex tarsalis Vic Fazio (resistant)
Aedes sierrensis wild - Marin - Sonoma County

We have established a new *Culex pipiens* colony (South Watt) which we hope will be a more robust susceptible colony. We would like to have the option of using a *Cx pipiens* susceptible colony in trials and bioassay rather than a *Cx quinquefasciatus* susceptible colony in some situations. We will be running bottle bioassays this winter to determine the resistance profile of this population.

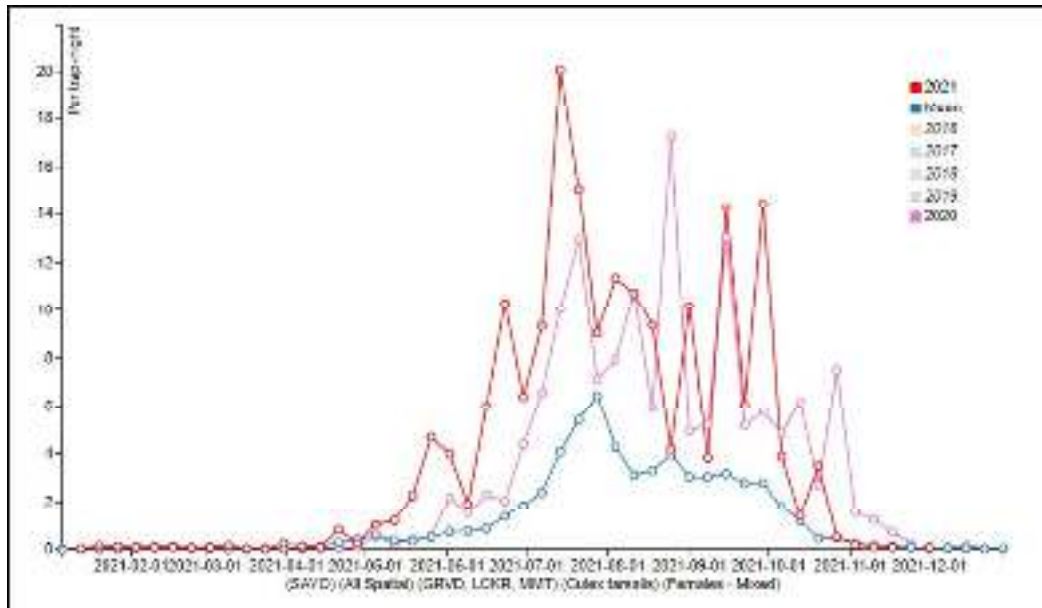
Surveillance:

Weekly collections - The graphs below show that our mosquito populations are behaving as expected for this time of year. The *Cx pipiens* and *Cx tarsalis* numbers are very low and we can see that our winter mosquito *Culiseta inornata* numbers have increased, although they are not as high as last year at this time.

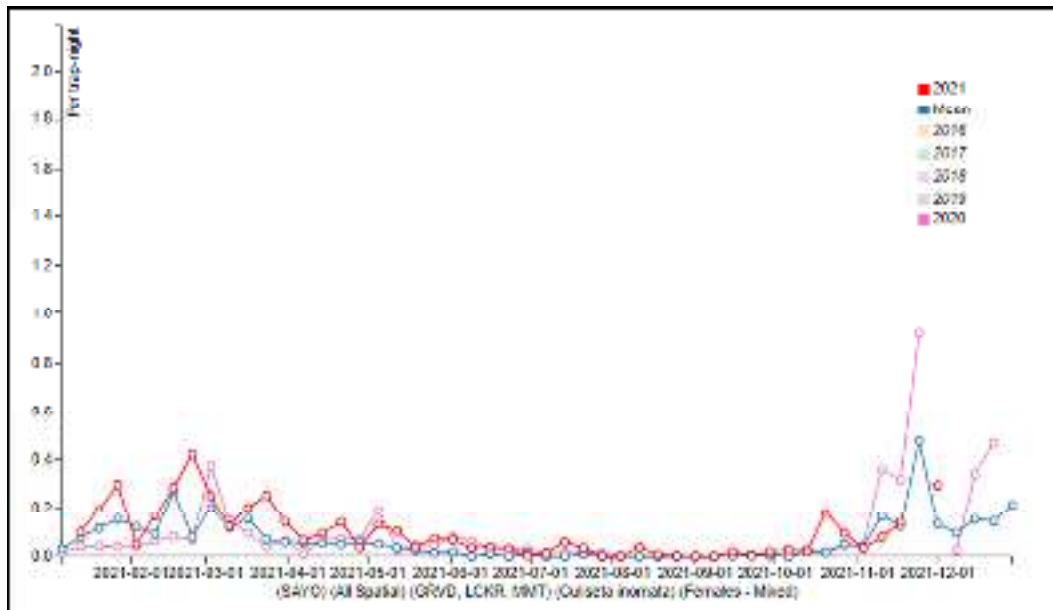
Culex pipiens in weekly abundance traps (LCKR, GT):



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



Culiseta inornata in weekly abundance traps (LCKR,GT):



Encephalitis Virus Surveillance (EVS)

Mosquitoes

We finished this season with the numbers of mosquito pools (samples) tested and the number of positive pools very similar to last year. Last year we tested 6,967 pools and this year we tested 7,244 pools. Last year, 192 pools were found to be positive and this year 197 pools were positive. The positives were spread over both Yolo and Sacramento Counties.

Sentinel Chickens

The sentinel chicken program has been concluded for this year. The chicken coops have all been winterized and the remaining chickens distributed. We ended the season with five positive chickens for West Nile virus from three of our locations (three from Knight's Landing, one from Dunnigan, and one from Isleton). We will be ready to pick up new chickens next spring to resume this part of our surveillance program.

Dead Birds

The final total of dead birds for the season was 110 positive carcasses from the 478 dead birds picked up by District staff. We look forward to the dead bird hotline opening again in the spring.

Sugar Baits

We will be making plans this winter on how to best begin using sugar baits next spring as an early indicator of West Nile virus activity. This season ended with us having tested 335 sugar bait samples and finding 5 positive locations.

Invasive *Aedes* spp. Surveillance

We are monitoring two *Aedes aegypti* populations in the District this winter. We have four BG sentinel traps deployed in the Elk Grove area and four deployed in the Elder Creek area. We did find one female *Ae. aegypti* mosquito in the trap that was picked up on Dec 1st in the Elder Creek area. Last year the latest find was from a trap picked up on November 23rd. Next spring we will begin monitoring our other invasive *Aedes* areas of concern.

Tick and Lyme Disease Surveillance

We have begun our Lyme disease surveillance program and have already identified two sites with positive tick samples. The two positive sites were East Lake Natoma and Upper Sunrise. We are monitoring the tick populations at 20 sites this season. The sites are along the American River, Putah Creek, and Cache Creek.

BG Counter Traps

We will be receiving new BG Counter traps from Clarke for use this upcoming season. They will again be deployed mainly in the rice program.

Disease Response Surveillance

We have not had any imported human disease cases reported to us since the last Board update.

Collaborations and District Studies

We will be planning and coordinating next year's studies and evaluations this winter.

California Arbovirus Surveillance Bulletin #30: Week 46, Friday, 11/ 19/2021

2020 & 2021 YTD West Nile Virus Comparisons		
	2020	2021
Total # Dead Bird Reports	5,481	5,020
# Positive Counties	39	38
# Human Cases	170	106
# Positive Dead Birds / # Tested	338 / 1,524	209 / 1,686
# Positive Mosquito Pools / # Tested	2,627 / 39,845	2,260 / 37,890
# Seroconversions / # Tested	139 / 6,257	88 / 5,765

YTD WNV Activity by Element and County, 2021					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			2		
Amador		1			
Butte	13		2	80	27
Colusa					1
Contra Costa	2		4	8	
El Dorado	1				
Fresno	8	2		219	
Glenn	2				
Kern	3			103	
Kings	8	1		34	
Lake				4	4
Los Angeles	16		43	260	3
Madera	3			131	
Merced	5	1	1	10	19
Napa				1	
Nevada			2		
Orange	2		7	49	
Placer	3		5	63	
Riverside	3			111	
Sacramento	4	2	100	120	1
San Bernardino	1		1	9	
San Diego	2				
San Francisco	1				
San Joaquin	6	3	17	389	
San Luis Obispo	2				
Santa Barbara	1				
Santa Clara			1	4	
Santa Cruz	1				
Shasta	3			28	3
Solano	2		2	22	
Sonoma			1	2	
Stanislaus	5	1	2	152	
Sutter			1	18	11
Tehama					5
Tulare	8		7	375	8
Ventura			1		
Yolo	1		10	56	4
Yuba		2		12	2
Totals	106	13	209	2,260	88

**ECOLOGICAL MANAGEMENT DEPARTMENT
Monthly Report for the December 2021 Board Meeting**

Wetland Program / Fall Flooding

Staff compiled and sent all Fall Flooding invoices to landowners who flooded prior to October 1st and had treatments made to their properties. Only four invoices were sent this year due to the limited water available for habitat flooding.

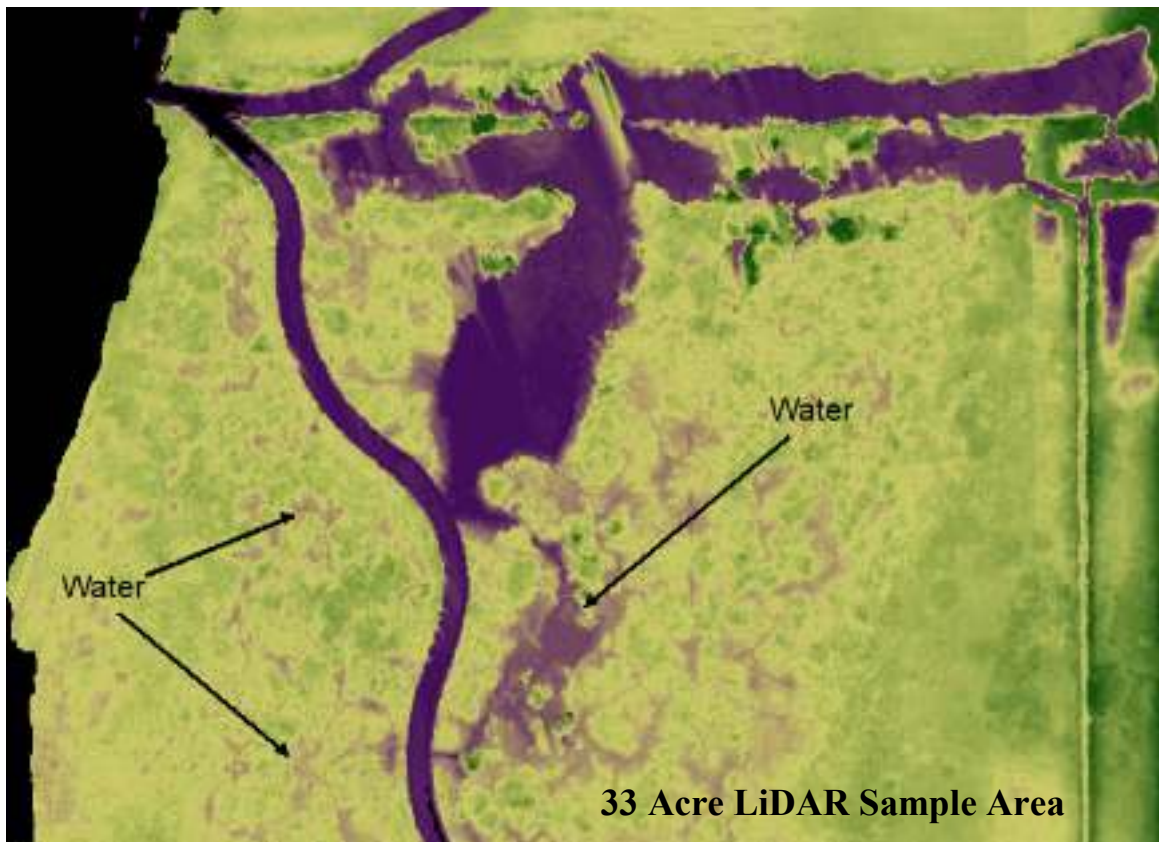
Stormwater / Planning Program

Mangini Ranch Phase 1E, Folsom Ranch: Staff received a request to review the Vector Control Plan as required by the City of Folsom prior to the issuance of a grading permit for the Mangini Ranch Phase 1E project in the Folsom Ranch Development area. The Plan adequately addressed any standing water and detailed all maintenance schedules and responsibilities for the Stormwater facilities while protecting the District's ability to treat for mosquitoes if required.

Yolo Cold Storage: Staff reviewed the proposed Cold Storage Facility Project environmental documentation for a new facility to be built in Zamora, just North of Woodland. A series of Stormwater treatment facilities and detention basins are proposed; however no specific details regarding the operations of these systems were included for review at this time. Staff will provide written comments as appropriate to ensure the new facilities will be adequately managed.

UAS Program

Staff viewed preliminary data collected by drone based LiDAR sensors over a sample area in the Lower Yolo Bypass. The processed LiDAR and color imagery produced an accurate dimensional picture of the area. The LiDAR was able to detect some smaller drainages and standing water under grassy vegetation that conventional UAS based aerial imagery is unable to detect. This information aide the District in creating more accurate aerial treatment blocks.



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BIOLOGICAL CONTROL

Monthly Report for the December 2021 Board Meeting

In the month of November the Fisheries department finished all mosquitofish stocking activities for the year but mosquitofish are made available to technicians year-round for them to use as needed for service requests. Our District continues to receive 1-3 mosquitofish requests per week even through the winter months. Guppies were put on hold on October 18th as they can die when water temperature drops below 55 degrees Fahrenheit. We will continue to seine our open ponds and move remaining fish to our predatory exclusion ponds for overwintering. Priorities have shifted to maintenance as well as repair and replacement of all necessary equipment. Overall fish usage was down slightly in 2021 due to lack of rice fields and wetlands. 3,221 pounds were stocked but overall production was up with over 4,000 pounds seined and moved. In 2020 the District stocked 3,670 pounds and seined 3800 lbs. All unused fish were restocked into predatory exclusion ponds and should be available for use next year. In 2021 there were many improvements to the Fisheries department. These improvements include a new parking shed, added new solar aerators, new water control valve for the fisheries building, new Gator ATV and two new netted ponds. All of these improvements should help the efficiency of the department and the District as a whole.

Daily activities such as tank cleaning, water quality monitoring, setting out aerators and pumps were also performed to maintain the high quality of our fish population. The Fisheries department continues with many projects including monitoring dissolved oxygen levels, determining maximum pond holding capacity, crayfish trapping and trying to determine ideal stocking rates in rice fields and wetlands.

Log of Treatment Applied for November

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	160.90 lbs.	742.80 Acres	69

Log of Treatment Applied for the Year 2021

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	3,221.01 lbs	13,814.7 Acres	3,177
Guppies (<i>Poecilia reticulata</i>)	.75 lbs		14

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
32,000.00	10,904.60	21,095.40	34%

Some of the many improvements in the Fisheries Department are seen below and should help the efficiency of the District as a whole. New Gator ATV replacing one in the aging fleet.



Large parking garage capable of holding up to 4 full size vehicles and 3 Gator ATV's
This storage shed can be used to hold vehicles that carry no pesticides or we could hold tractors.



The new water control valve regulates city water then runs it through a carbon filter and cleans out impurities and dechlorinates the water. This new valve runs more efficiently and conserves water by not needing to backflush as often.



Multiple new solar aerators were added to the Districts pond system. Increasing oxygen in fish rearing ponds has increased overall fish health and yields. These aerators are capable of running up to 20 hours per day scheduled at night when oxygen in the water column is at its lowest.



Additionally two new fencing structures were added to the Districts main fish rearing facility. These structures are for predatory exclusion protecting our mosquitofish from the numerous fish eating birds, ducks and herons.

CONTROL OPERATIONS

Monthly Report for December 2021 Board Meeting

Culex and West Nile Virus (WNV) Control

There were no WNV detections in November. Low night time temperatures have halted breeding in the majority of rural sources but crews continue to inspect and treat sources that are breeding with the majority of treatment work being centered around Catch Basins.

Trials

Trial ideas for next season are already starting to take shape on products and application methodologies that the District would like to incorporate into our program. We have started engaging vendors on both larval and adult control strategies we would like to investigate.

Invasive Aedes Control

The Elk Grove and Elder Creek permanent trap sites had *Aedes aegypti* detections in the month of November. The District's Aedes crew has been sent out to the canvas around the local area of the trap and conduct backyard inspections where possible.

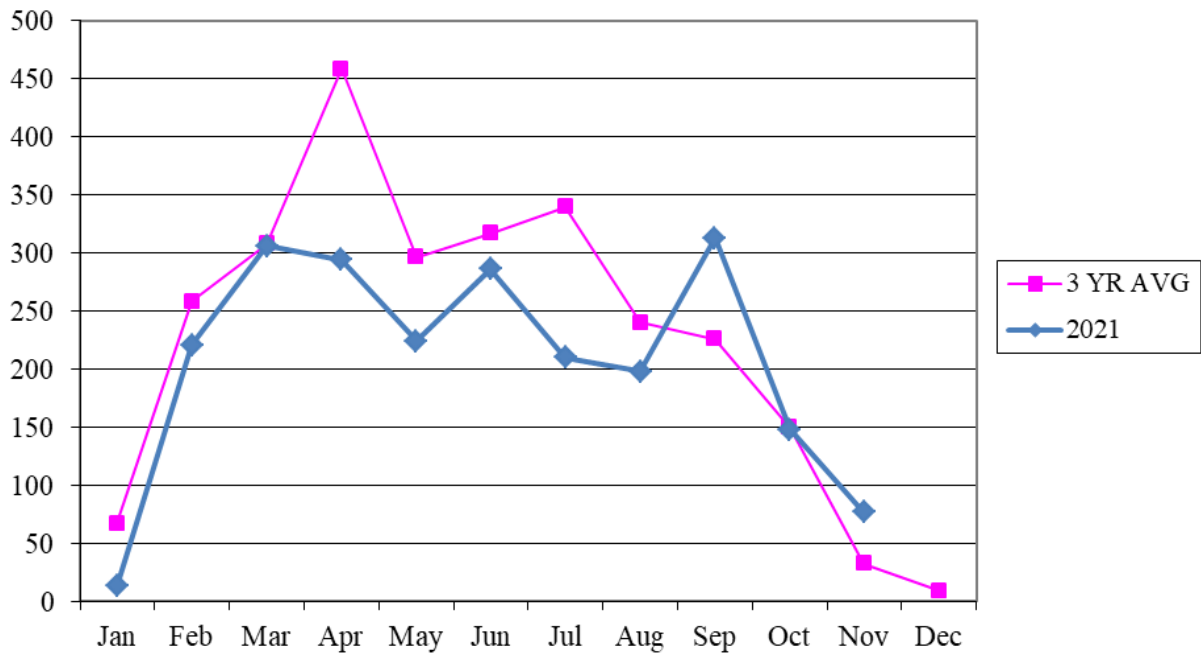
Fall and Winter Projects

Projects around the District property are underway. ULV units have been cleaned and winterized to prepare for next season. Crews are currently working between trimming overgrown trees around the District property and equipment cleaning and care.



Field crews using a crane to perform tree trimming around the Elk Grove property

SERVICE REQUEST COMPARISON



Larvicide Applications thru November 30th

Locations/Roles	2021		2020	
	Treatments	Acres	Treatments	Acres
Sacramento County	7,250	14,989	9,224	10,039
Sac County Aerial	33 Orders	18,077	29 Orders	21,994
Sac County Drone Treatments	40 Orders	2,296	16 Orders	643
Yolo County	1,551	8,609	2,160	7,790
Yolo County Aerial	75 Orders	129,743	99 Orders	118,220
Yolo County Drone Treatments	39 Orders	2,849	15 Orders	1,107
CB Treated	204,381	--	168,190	--
CB Inspected -not treated	171,640	--	153,582	--

Aerial Adulticide Summary through November 30 th				
	2021		2020	
County	# Applications	Acres	# Applications	Acres
Sacramento Ag	20	139,765	16	114,772
Sacramento Urban	0	0	0	0
Yolo Ag	50	424,118	62	475,124
Yolo Urban	0	0	0	0
Totals		563,883		582,728

Adulticide Summary through November 30, 2021

compared to: 2020

Contract Acres (our portion) =	530,000	530,000
Acres used =	563,883	589,896
Acres remaining =	(-33,883)	(-59,896)
% Acres used =	106%	111%
% Acres remaining =	0%	0%

San Joaquin County MVCD has used 213,982 acres of their 190,000 acre contract commitment.

Placer MVCD has used 69,158 acres of their 100,000 acre commitment.

Turlock MAD has used 96,882 acres of their 180,000 acre commitment.

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PUBLIC INFORMATION AND EDUCATION

Monthly Report for the December 2021 Board Meeting

School Program

In an effort to continue our outreach program to school aged children we are now looking into implementing a virtual assembly that would include the information, games and mosquito prevention messages that were being done as part of the in-person assemblies we started before the pandemic hit. Virtual assemblies are a great way to continue outreach to children in a fun and engaging format that still provides mosquito prevention information to children. We are currently looking into adapting the script to a virtual style as well as exploring other elements of production such as filming location, creating new banners and props that will be used.

Planning for the annual Fight the Bite Drawing Contest is also underway and we will soon begin to update the contest flyer and seek approval from the various school districts so it can be disseminated at the beginning of next year.

Advertising

While it is still very early in the planning stages for the 2022 advertising season, I am currently talking to account executives and media representatives at the various advertising outlets. We have begun looking at various options for the advertising campaign as well as potential changes we'd like to make to the campaign especially as a result of the ongoing detections of invasive mosquitoes.

Brochures and Annual Report

In preparation for the upcoming season we are currently in the process of updating our yellow jacket and West Nile virus prevention brochures and re-stocking other materials. In addition, individual department supervisors are working on their annual report summaries and selecting photos for their sections as part of the 2021 annual report.

MVCAC Public Relations Committee

As part of the PR Committee standing charges, we have continued to work on the three Sterile Insect Technique videos. The scripts for the self-limiting technique and the Wolbachia videos are currently being finalized. Once finished they will be translated into Spanish and the voice narration and recording will also take place.

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SUPERVISOR REPORTS

Monthly Reports for the December 2021 Board Meeting

Laboratory

Kara Kelley, Microbiologist

Our tick surveillance program has our laboratory staff collecting ticks from January through April and completes the year with collections in November and December at a time when the *Ixodes pacificus* is most frequently prevalent. There are twenty established tick collection sites which are surveyed once per month. As of November, 17 samples have tested positive for the presence of *Borrelia burgdorferi* out of a total of 382 pools tested.

As the year progresses, the focus of the department and the District redirects to West Nile virus surveillance (WNV). As part of our surveillance program, the laboratory maintains five flocks of chickens throughout the District. Samples are collected and tested every two weeks for WNV, St Louis Encephalitis virus and Western Equine Encephalitis virus. In 2021 we detected a total of five WNV positive chickens, three from Knights Landing, one from Dunnigan and one from Isleton. Testing dead birds collected from both counties is another part of our WNV surveillance program. This year the District tested 478 birds and WNV was detected in 110 of them. This was a positivity rate of 23.01% which was a slight drop from the 29.85% the year prior. The last component of our WNV surveillance program is testing collected mosquitoes, which begins in May. In 2021, we tested a total of 7244 samples with 197 samples testing positive for WNV, this is a positivity rate of 2.72% which was similar to 2020 with a rate of 2.76%.

In 2021, we expanded our testing platform to include the recently purchased QuantStudio 5 PCR instrument. This instrument has been a game changer as we are now able to process and test mosquito samples the same day they have been collected from the field. With the faster turnaround time, our field supervisors receive the testing results in less than 24 hours from mosquito collection which gives them additional time to generate their response plans.

The Microbiologist will continue to serve on the MVCAC Laboratory Technologies Committee for 2022.

Debbie Dritz, Vector Ecologist

This season was very busy on multiple fronts. The invasive *Aedes aegypti* spread to numerous new areas in the District. BG Sentinel traps baited with both dry ice and BG Lures were used to monitor the adult abundance levels of these mosquitoes. The lab hired three seasonal employees that operated this program between June to mid-October. We continued to find *Ae. aegypti* in the Winters and the Arden area this year. Rosemont, Orangevale, Elk Grove and the Elder Creek areas were added to the list of infested locations. In addition, a single *Ae. aegypti* adult female mosquito was found in both Citrus Heights and South Davis, but subsequent trapping did not identify any more invasive mosquitoes.

In 2021 the lab had 2,178 nights of West Nile virus trapping. As this program takes the bulk of the lab's efforts, we continued to examine ways to increase the efficiency of our surveillance efforts. We added QR codes to EVS (Encephalitis Virus Surveillance) sheets to generate turn-by-turn directions to trapping sites. The lab also ran a trial using USB batteries to run Gravid traps

this past season, which proved to be successful. Our EVS CO₂ traps had already been converted to the much less expensive USB batteries, therefore the lab can transition to a single battery type for our two most prevalent traps.

Adult mosquito resistance testing for 2021 was focused on collection of populations from areas where we had data gaps in both of our counties. The principal species we tested was *Culex pipiens*, our suburban/urban West Nile vector. To better quantify pyrethroid resistance in our area we had an intern working on her BS at UC Davis that spent the summer collecting *Culex pipiens* from Sacramento and Yolo counties and worked closely with the Vector Ecologist to quantify resistance levels. She is now working with a university mentor to analyze her findings and prepare a presentation for the MVCAC annual meeting.

Sarah Wheeler, Biologist

2021 was a busy year for research projects. We started the season off working with Dr. Jane Bonds on a project focused on characterizing spray dynamics of larvicide and adulticide applications made by drone. Our insectary reared over 12,000 mosquitoes for this project alone. Dr. Bonds is currently analyzing the data and we look forward to her findings.

We had the opportunity to evaluate larvicides for use in a variety of mosquito sources. Working closely with the Catch Basin Department, the long-term efficacy of Sumilarv (pyriproxyfen), Metalarv (methoprene), and Altoside XRB (methoprene) were evaluated in catch basins. Wide-area larvicide applications conducted with our A1 Super Duty sprayers were conducted for both Vectobac WDG (Bti) and Natular SC (Spinosad). Vectobac WDG is currently an important control strategy for *Aedes aegypti* and we have learned a lot about the impact of atmospheric conditions on spray performance. Natular SC is not yet registered in California for wide-area applications but our work with Clarke on this product has helped develop protocols for effective use strategies.

Adult mosquito control products were also evaluated. Of note, we had the opportunity to test a new adult mosquito control formula developed by Valent. Trial results indicated good potential against insecticide resistant populations. Internally, we evaluated the efficacy of Fyfanon (malathion) against resistant populations for its use as a rotational tool in urban/suburban areas and found nearly 100% efficacy against resistant populations. We will work more with this product in 2022.

In addition to conducting trials on a wide range of products we also assessed our assessment methods. Working with Dr. Anton Cornel we performed a series of experiments evaluating sentinel cage types, and mosquito handling methods. Manuscripts describing our finding are currently in preparation. 2021 was a productive and informative year. Our ability to accomplish as much as we did is attributable to our highly competent staff and our relationships with industry and university partners.

Control Operations

Brett Day, North Yolo Field Supervisor

In 2021 Mike Fike retired after a long tenure as the Field Supervisor of North Yolo County. Brett Day was selected to take over the role of Field Supervisor and started on March 8th of this year.

This season, technicians in the North Yolo crew were busy inspecting and treating sources, responding to service requests, and monitoring catch basins. For the 2021 season North Yolo technicians inspected and monitored just under 11,000 acres of conventional rice and 1,700 acres of organic rice on bi-weekly rotations with South Yolo county with the first order turned into Farm Air Flying Services on June 1st of this year. At the end of the season, just over 38,000 acres of conventional and 6,200 acres of organic rice were treated by Farm Air Flying service upon positive larval inspections. With rice acreage being lower than in past years due to water shortages the District implemented an automatic retreat program for positive fields which resulted in lower amounts of late instar larvae being detected in the fields then in previous years. On the suburban side of our program, North Yolo technicians responded to 80 service requests for the 2021 year and catch basin treatments began in May.

The first West Nile Virus (WNV) positive mosquitoes in North Yolo County came on June 9th in Knights Landing. North Yolo County had a total of 37 WNV positive mosquito pools and 2 WNV positive sentinel chickens for the 2021 season. 14 ULV missions were completed in response to the WNV positives.

The fall duck club flooding program resulted in 880 acres treated by Farm Air Flying Service.

Kevin Combo, North Sacramento Field Supervisor

In 2021, North Sacramento Control Operations added a new technician to the Aedes team to help facilitate residential inspections and treatments around Invasive Aedes detections.

Technicians assigned to agricultural areas continued routine inspections and treatments of agricultural row crops, dairies, feed crops, and pastures in an effort to reduce mosquito populations. These sites can be a significant producer of nuisance mosquitoes as well as the West Nile virus vectors *Cx. tarsalis* & *Cx. pipiens*. This season, technicians were responsible for the inspection and treatment of approximately 6200 acres of rice that border residential subdivisions in the Natomas basin.

Technicians who work in urban zones completed inspections and treatments of creeks and streams, unmaintained swimming pools, ponds, and other cryptic residential sources that have the potential to be significant breeding sites. In 2021, technicians responded to a total of 1485 service requests; 806 for mosquito populations, 514 for mosquitofish plants, and 165 for yellow jacket and wasp control. In 2021, our team inspected and treated 1546 unmaintained swimming pools. To streamline inspections and appointments, staff sent out 598 pool mailers to residents in Sacramento County, who historically have unmaintained swimming pools. The majority of the mailers were resolved via texted photos, online scheduling, or phone calls which in turn negated the initial trips by the technicians saving time and resources.

On 6/14/21, North Sacramento technicians received their 1st positive West Nile virus (WNV) pool detection in the Arden Park area. In 2021, technicians responded to a total of 141 West Nile virus detections; 61 for positive WNV pools, 77 WNV positive birds, 1 positive WNV horse and 5 WNV human cases. Technicians conducted 136 Ultra Low Volume treatments in adult mosquito harborage areas around the WNV positives and areas of concern. Technicians conducted additional radiuses in response to eight Dengue and Malaria human cases.

Urban/Suburban technicians in coordination with laboratory staff detected the 1st invasive *Aedes* in the Arden area on 4/19/21. More invasive mosquito detections were subsequently found in the Winters, Elk Grove, Rosemont, Elder Creek and Orangevale areas. Technicians responded to a total of 189 invasive *Aedes* detections in Sacramento County and an additional 283 detections in Yolo County. In order to help control larval and adult populations, technicians conducted door-to-door residential inspections, committed to educating the public about invasive *Aedes*, and performed 27 Wide Area Larviciding (WALS) and 13 ULV treatments in these areas.

Demetri Dokos, South Sacramento Field Supervisor

Technicians in the South Sacramento zones started working in the field performing mosquito control work in February and by April we were in full stride with our mosquito control efforts. Swimming pool mailers were sent out in April to 97 residents in Elk Grove that have historically unmaintained swimming pools. 75% of the mailers were resolved via calls, texts and our live appointment scheduler, which saved the Technician the initial trip to the residences.

The first West Nile Virus (WNV) positive mosquito samples were collected from Oak Park in Galt on May 28th and tested positive on June 1st. In total, the South Sacramento Technicians responded to 71 WNV positive mosquito pools, 23 WNV positive dead birds, 2 WNV positive horses and 1 WNV positive chicken with radius work and Ultra Low Volume (ULV) treatments.

South Sacramento Technicians inspected just under 30,000 mosquito development sites and treated over 3,300 of those sites. For the mosquito development sites that were too big to treat with ground equipment, such as rice fields and wetlands, we turned to Farm Air and Leading Edge for aerial treatment. Technicians also responded to 526 service requests.

On August 31st, *Aedes aegypti* were detected in Elk Grove, south of Elk Grove Blvd and east of Elk Grove Florin Road. Then on September 27th *Aedes aegypti* were detected in the Laguna West area of Elk Grove. Staff completed inspections in a 150 meter radius for each detection, made larvicide and adulticide treatments when needed and educated residents.

Will Hayes, South Yolo Field Supervisor

In August 2021 Garth Ehrke retired leaving the position of Field Supervisor of South Yolo County open. Will Hayes was selected to take over the role of Field Supervisor.

2021 began with technicians preparing for the new season performing equipment maintenance and calibration as well as training. Winter is also the time of year when staff creates Water Soluble Packets (WSP) for use in catch basins. The lack of rain in the early part of the year made spring sources few and far between in most zones, but water that remained from the previous year's fall flooding was monitored in addition to catch basins and any early spring irrigations.

Spring flooding yielded 853 acres of treatment by airplane, with most of the effort in the Yolo Bypass Wildlife Area and private duck club properties of Zone 3. This number is down from roughly 1,500 acres in 2020, mainly due to lack of rain and water availability. South Yolo oversaw the inspection and treatment of approximately 19,500 acres of conventional rice and 2,300 acres of organic rice with inspections beginning early in mid-May. Rice that met criteria was treated by Farm Air Flying Services resulting in 51,687 acres of rice treatments.

Service request numbers were down 38% this year with 156 this year compared to 252 in 2020. South Yolo's first WNV positive pool occurred July 19th and from that date, south Yolo responded to 27 WNV positive pools and 9 positive dead birds. 14 ULV ground missions were conducted in 2021 covering almost 14,000 acres.

May 11th marked the start of the invasive mosquito season in Yolo County with the City of Winters continuing to be the hotbed for *Aedes aegypti* activity. Trapping increased significantly in 2021, as well as door- to-door efforts, perimeter checks, and treatments. 263 positive traps for invasive *Aedes* resulted in 11 WALs treatments covering almost 3,500 acres. Seven ULV truck treatments kept the adult population suppressed.

The Fall Flood-Up program was different in 2021 in that the lack of water available for re-flooding rice and private duck ponds made start dates unsteady. In the end, almost 4,000 acres of duck ponds were treated by both the airplane and the drone.

Ryan Wagner, Catch Basin Field Supervisor

In 2021, the Catch Basin Program continued to implement improvements to increase our efficiency in accessing, treating, and monitoring catch basins throughout our area of operation. In addition to welcoming one new full-time technician our staff was supplemented by five seasonal helpers. This year marked the highest number of catch basins inspected and treated since the program's formation in 2005 at 376,340 basins, an increase of 17% from 2020. Modified bicycles account for reaching nearly 40% of the total, with each bike technician riding up to 20 miles to inspect an average of 400 basins in a given workday. Over 150 catch basin larval samples were submitted by the department to identify the seasonality of breeding by species and abundance across Sacramento and Yolo counties, continuing to confirm the prevalence of *Culex pipiens* in these sources.

This year also marked the advent of right-hand drive Jeep usage for catch basin inspections. After acquiring an initial set of two Jeeps, data analysis over the course of the season demonstrated a near two-fold increase in productivity in most applications compared to the traditional light-duty truck. With the ability to accomplish more using less staff, the department was able to better allocate resources and respond to mosquito control needs more efficiently. Toward the latter half of the season, the District acquired five additional right-hand drive Jeeps which will be modified and put to use in the coming season.

The Catch Basin Program undertook larvicide efficacy trials this year with two different manufacturers - which involved weekly larval and water sampling - in addition to a continued efficacy observation down in-house. While managing these studies along with the regular course

of treatments and West Nile Virus response, the crew also followed each new *Aedes aegypti* detection with meticulous catch basin sampling and treatments as they arose. Since our District's initial detections in 2019, there have been only two *Aedes aegypti* catch basin findings.

As the season progressed, the department initiated the use of an in-house, no-code mobile application to operate as an all-in-one solution for treatments and sampling data. This low-cost application will subsume many aspects of program operations previously managed on paper or in multiple other applications and will be presented at both MVCAC and AMCA in February of next year.

Geographic Information Systems (GIS)

Ruben Rosas, GIS Coordinator

For the 2021 season, the GIS department mapped 28,554 acres of planted rice, a thirty-seven percent decrease from 2020. Due to limited water availability rice cultivation throughout Yolo County was reduced, however Sacramento County rice cultivation remained relatively the same from last year. In 2021, the GIS Department submitted approximately 147,000 acres of mosquito breeding habitat for aerial larvicide treatment. The GIS Department created maps for the pilots and communicated with the District's aerial contractor to ensure optimal logistics and treatment for time sensitive projects. For aerial adult mosquito control, the GIS Department submitted 77 orders to VDCI which amounted to approximately 564,000 acres treated by air. During the month of June, the department coordinated with Aerial Services to fly a 68 square mile survey for neglected swimming pools. The survey area included areas of Citrus Heights, Fair Oaks, Rancho Cordova, Orangevale, and Folsom. As a result of the survey, the District sent 233 mailers to residents requesting a picture of their pool. The District received a high response rate from residents which in turn decreased the amount of site visits.

During the 2021 season, the navigation system introduced by the GIS Department continued to play a large role in the District's WALs program. The InRoute navigation system provides customizable turn by turn directions and can also notify the applicator of overlapping areas. As the District continues to detect *Aedes aegypti*, the routing system will become an integral part of the operation. The GIS Department presented the InRoute navigation system at the 2021 MVCAC and received high interest from other Districts. The District will continue to use the navigation system for the upcoming season and will investigate how to use the more advanced features for field operations.

Fleet/Shop

Tom Price, Shop Supervisor

The 2021 year started out with normal servicing and maintenance of the fleet. In February we were greeted with the newest addition to the catch basin department; two right-hand drive Jeeps. Mechanics Don Henson and Ben Weisenberg immediately went to work designing, fabricating and installing exterior additions to store and distribute pesticide. With the addition of summer seasonal employees, every vehicle in the fleet, including spares, were put to use. The maintenance required due to the extra travel kept the shop extremely busy. The summer also brought the introduction of three new Suzuki All-Terrain Vehicles (ATV). With the success of

the right-hand drive Jeeps, five more units were added. This brings the on-road registered vehicle count to 105, an all-time high for the District and the highest in the state. Closing out the year, the shop is currently outfitting the Jeeps for catch basin use and making some improvements to the spray equipment in both of the WALs trucks.

Administration

Janna Mcleod, Administrative Manager

COVID related duties continued to take priority with tracking related laws and regulations including the expiration of the Federal leave program, implementation of the CA Special Sick Leave and research on mandatory reporting requirements. During 2021, the District onboarded 34 employees, the majority of which were seasonal helpers. Six recruitments for full-time positions have been conducted to back-fill for retirements and other separations that occurred throughout the year. The Records Retention and destruction of records that are no longer required to be kept has been a major item in the Administration department's 5-year plan. Most permanent records have been scanned to electronic files with some hard copies being maintained when required. Staff brought the list of items to the Board at the November meeting with the Destruction of 380 boxes to be conducted in December, followed by cleaning and reorganization. Once again, the Fiscal Year Audit occurred in September with the report presented at the November Board meeting with the District received an Unmodified (clean) Opinion.

Samer Elkashef, Assistant Manager

The bulk of the 2021 year was spent coordinating with the various departments to ensure that the residents of Sacramento and Yolo counties continued to receive the high level service that the various branches of the District provides. Housekeeping of the facility is also one of the duties of the assistant manager. This year the District added an auxiliary carport to alleviate some of the congestion in the parking bay. Staff also coordinated the addition of an electronic front gate and made upgrades to the fire alarm system. The Elk Grove office also passed its county Hazardous Waste inspection with flying colors.

2021 saw the retirement of three direct reports to the assistant manager; both Yolo County Field Supervisors and the Laboratory Director. All these positions were staffed internally and in 2022 the District will backfill the positions that these supervisors vacated.

The assistant manager continues to serve on the American Mosquito Control Association's Chemical Control Committee and helped put together a West Nile virus symposium for the 2021 annual meeting. The assistant manager served as the chair of the Mosquito and Vector Control Association of California's Regulatory Affairs Committee in 2021. Some of the projects that were tackled included clarifying the Vector Control Exemption in Assembly Bill 1788, working with private and public utility providers on mosquito production in utility vaults and helping with the registration of SIT technology.

Sacramento-Yolo Mosquito and Vector Control District

December 14, 2021 Board Meeting

4. Board Review and Consideration for the Purchase of a New Utility Vehicle for District Operations

Staff Report:

Control Operations purchased a Mistblower last season to investigate a more efficient way of treating pastures and low areas. The Mistblower was mounted on an existing all-terrain vehicle (ATV) and evaluated over the course of the season. The results indicated that the equipment was able to cut our treatment time in half. This equipment will also allow staff to use both liquid and granular products which provides for more flexibility and cost effectiveness in the field.

The existing ATV is not ideal to carry the weight of the Mistblower and therefore a more heavy duty piece of equipment is needed to be able to reliably use this tool in the field. District staff researched appropriate vehicles and found the Can-Am Defender 6x6 to be the right vehicle to mount the Mistblower. These vehicles are difficult to come by due to their high demand. The District was able to obtain the following quotes from two separate vendors.

Vendor	Cost of Vehicle	Delivery Timeframe
Michael's Reno Powersports	\$24,048	April
Wickham Tractor Company	\$24,530	February

Both quotes listed above are similar in specifications with minor design differences between each vehicle. The two dealerships both have good reviews and have been easy to work with. Michael's Reno Powersports has an estimated delivery date of April. Wickham Tractor Company can deliver the vehicle in February however there would be an additional \$2,000 fee for shipping as they are located in Colorado. Getting the vehicle two months later in April will not impact the District's ability to utilize the equipment for the upcoming season.

Recommendation:

Authorize the purchase of a Can-Am Defender 6x6 from Michael's Reno Powersports not to exceed \$30,000.

10828 South Virginia St.
Reno, Nevada 89511
www.michaelsreno.com



SUZUKI
YAMAHA
BOMBARDIER
Chaparral

PHONE: 775.825.8680
FAX: 775.825.8666

PURCHASER'S NAME TOM PRICE

PURCHASER'S ADDRESS CA,

DATE 11/30/2021

RESIDENCE PHONE 916-405-2069

BUSINESS PHONE _____

EMAIL ADDRESS TPRICE@FIGHTTHEBITE.NET

☐ NEW
☐ USED

MAKE	ENG. NO.	COLOR	STK. #	TEMP	YEAR
MODEL <u>None</u>	SERIAL NO.		TO BE DELIVERED ON OR ABOUT <u>11/30/2021</u>		
				M/C CASH PRICE	22,099.00
				LABOR	0.00
LIEN TO: <u>MICHAEL'S RENO POWERSPORTS</u>				TOTAL ADDED EQUIPMENT	0.00
<u>10828 SOUTH VIRGINIA STREET</u>					
<u>RENO NV 89511</u>				DOCUMENTATION FEE	199.00
				FREIGHT	950.00
				ASSEMBLY & DEALER PREP.	800.00
				SUB TOTAL	24,048.00
				TAX 8.265%	1,987.56
				TITLE FEE	0.00
				OHV REGISTRATION FEE	0.00
USED UNITS ARE SOLD AS IS. MICHAEL'S RENO POWERSPORTS DOES NOT EXPRESS OR IMPLY ANY WARRANTY				EXTENDED WARRANTY	1,871.00
				PREPAID MAINTENANCE	0.00
				TIRE & WHEEL	0.00
DEPOSIT NON REFUNDABLE, IF ORDER CANCELLED				GAP	0.00
<input checked="" type="checkbox"/>				TOTAL CASH DELIVERED PRICE	27,906.56
DESCRIPTION OF TRADE-IN				CASH DEPOSIT SUBMITTED WITH ORDER	0.00
MAKE	MODEL	TYPE	YEAR	ALLOWANCE FOR USED VEHICLE TRADE-IN, AS APPRAISED	0.00
ENG. NO.	TRADE-IN	MILEAGE		LESS BALANCE OWED:	0.00
SER. NO.	RETAIL	MILEAGE CERTIFICATION		MANUFACTURER REBATE	0.00
<h1 style="margin: 0;">PURCHASE ORDER</h1> <div style="text-align: right; margin-top: 20px;"> <i>w/ 3 years Full Warranty w/ BRP</i> </div>				TOTAL CREDITS	0.00
				BALANCE DUE	27,906.56
				BAL. TO BE FINANCED	27,906.56
DEAL:				CONTRACT PAYMENTS	1 AT \$ 27,906.56
<p>Sale price may include any rebate or incentives offered by Manufacturer. All trades must include proper documentation such as titles, bill of sale, or any other documents to support ownership. If not furnished within 7 days, Dealer has the right to charge back trade value to customer.</p> <p>The front of this Bill of Sale comprises the entire agreement affecting this purchase and no other agreement or understanding of any nature concerning same has been made or entered into, or will be recognized. I hereby certify that no credit has been extended to me for the purchase of this product, except as appears in writing on the face of this agreement.</p> <p>I have read the matter printed on the face hereof and agree to it as a part of this order the same as if it were printed above my signature. I certify that I am 18 years of age or older, and hereby acknowledge receipt of a copy of this order.</p> <p>I have or will obtain appropriate licensing before use.</p>				FIRST PAYMENT	11/30/2021 AT \$ 27,906.56

Foss, Trevor

APPROVED

SALESMAN

SIGNED: X

PURCHASER

Bill of Sale

Date

November 30, 2021



FARM • FEED • FUN

15447 U.S. 34
Fort Morgan, CO 80701
(970) 867-5669

PO Box 1990
301 E. 8th Street
Greeley, CO 80631
(970) 352-2288

4100 S Valley Drive
Longmont, CO 80504
(970) 535-3310

www.wickhamtractor.com

18875 County Road 24
Sterling, CO 80751
(970) 521-9999

1828 E. Mulberry ST.
Fort Collins, CO 80524
(970) 631-8289

Prepared For

SACRAMENTO/YOLO MOSQUITO & V
8631 BOND ROAD
ELK GROVE CA 95624

Deliver To

Prepared By

Kyle Taggart
kylet@wickhamtractor.com
970-371-0809

Purchase Order	Tax Number	Shipped Via	Valid Through
			December 13, 2021

Qty	Description	Each	Extended
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NEW UNITS

Unit Number: 23898, Description: UTV UTILITY, Make: CAN-AM, Model: DEF22 6X6 HD10, Color: BLUE, Serial Number: ON ORDER, Warranty Code: 01, Warranty Expiration Date: 11/30/21, Specs: Defender 6x6 XT HD10 Oxford Blue 0009RNA00

\$22,100.00

Subtotal

\$22,100.00

WARRANTY

DOCUMENTATION

\$100.00

FREIGHT SETUP AND COMODITY

\$2,330.00

Subtotal

\$2,430.00

deposit is non refundable

TAXES

GOV USE

\$.00

Subtotal

\$.00

PAYMENT

DEPOSIT

-\$2,000.00

Subtotal

-\$2,000.00

Title to all machinery and the proceeds of any resale thereof shall remain in Wickham Tractor Company until price has been paid in cash or finance documents have been received and approved by it. The undersigned understands and agrees that the machinery sold as "new" is warranted only as provided in the factory of manufacture's warrant and is sold free of any express, implied, or statutory warranty by Wickham Tractor Company, except warranty of clear title. Wickham Tractor Company's only responsibility for defects will be to help the customer to get a proper adjustment from the factory. Used or second-hand articles are sold as is without any warranty, express, implied or statutory, except warranty of clear title and

* All prices subject to applicable taxes

Bill of Sale

Date

November 30, 2021



15447 U.S. 34
Fort Morgan, CO 80701
(970) 867-5669

PO Box 1990
301 E. 8th Street
Greeley, CO 80631
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18875 County Road 24
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www.wickhamtractor.com

1828 E. Mulberry ST.
Fort Collins, CO 80524
(970) 631-8289

Prepared For

SACRAMENTO/YOLO MOSQUITO & V
8631 BOND ROAD
ELK GROVE CA 95624

Deliver To**Prepared By**

Kyle Taggart
kylet@wickhamtractor.com
970-371-0809

Purchase Order	Tax Number	Shipped Via	Valid Through
			December 13, 2021

Qty	Description	Each	Extended
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as set forth in the writing on this document. No representative of Wickham Tractor Company has authority to make any warranty except as set for in this paragraph or upon approval of the management of Wickham Tractor Company. Wickham Tractor Company shall be excused and not liable for delays in shipment caused by customer's request, labor troubles, shortages in material, damage to plant, governmental regulations, or other similar or otherwise beyond its control. There are no conditions or understandings except as expressed on this order which sets forth the entire agreement. This order is subject to acceptance by an executive officer or a sales manager of Wickham Tractor Company.

Purchaser: _____ Date: _____

Authorized Dealer Signature: _____

TOTAL*** \$22,530.00**