

Sacramento-Yolo
MOSQUITO & VECTOR
CONTROL DISTRICT

FEBRUARY 15, 2022

BOARD OF TRUSTEES

BOARD PACKET

10:00 A.M.

8631 BOND ROAD
ELK GROVE, CA 95624

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

8631 Bond Road
Elk Grove, CA 95624

**AGENDA
February 15, 2022
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 January 18, 2022 Board of Trustees Meeting**
- b. Expenditures for January 2022**
- c. District Investment Reports for Period Ending 12/31/2021**

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 Trustees Attending the MVCAC Annual Conference**
- c. Reports from District Departments**
 - **Lab/Surveillance**
 - **Ecological Management**
 - **Biological Control**
 - **Larval and Adult Control**
 - **Public Outreach**

4. **Board Review and Consideration of \$345,000 to Fund the Public Outreach Advertising Plan for the 2022 Mosquito Season**
5. **Board Review and Consideration of Aerial Larviciding Contract**
6. **Board/Staff General Discussion**
7. **Adjournment**

**MINUTES OF THE JANUARY 18, 2022
SPECIAL MEETING OF THE BOARD OF TRUSTEES OF THE
SACRAMENTO-YOLO MOSQUITO & VECTOR CONTROL DISTRICT**

Location: 8631 Bond Road, Elk Grove, CA 95624

Time: 10:00 a.m.

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

Trustees Present:

Craig Burnett	President	Folsom
Gar House	Vice President	Winters
Marcia Mooney	Secretary	Galt
Janell Darroch		West Sacramento
Sean Denny		Woodland
Jayna Karpinski-Costa		Citrus Heights
Raymond LaTorre		Sacramento
Robert McGarvey		Rancho Cordova
Staci Gardiner		Isleton
Bruce Eldridge		Yolo County

Trustees Absent:

Christopher Barker		Davis
Lyndon Hawkins		Elk Grove

Legal Counsel Present:

Jennifer Buckman

Staff Present:

Gary Goodman	Manager
Samer Elkashef	Assistant Manager
Shelley Eckler	Administrative Manager
Sarah Wheeler	Laboratory Director
Steve Ramos	Program Coordinator
Tony Hedley	Fisheries Supervisor
Dan Fisher	IT Administrator

Roll Call

This meeting was held and attended by Video Teleconference. Attendance was taken by Roll Call. All Trustees except two were in attendance; therefore, a quorum was present.

Pledge of Allegiance

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

Moment of Silence

A moment of silence was observed honoring the recent passing of SYMVCD Trustee Susan Maggy.

1. BOARD REVIEW AND CONSIDERATION TO AUTHORIZE THE BOARD MEETING BE CONDUCTED BY TELECONFERENCE

On a motion by Trustee Mooney and seconded by Trustee Denny, the Board voted to approve Item 1. The vote was taken by roll call and the motion passed by the following vote: Ayes: 10, Noes: 0, Absent: 2.

2. Items for Approval by General Consent

On a motion by Trustee Denny and seconded by Trustee Mooney, 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: 10, Noes: 0, Absent: 2.

- a. Minutes of the December 14, 2021 Board of Trustees Meeting
- b. Expenditures for December 2021
- c. Board Review and Consideration of District Annual Safety Committee Report

3. 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 no public comments made.

4. Reports to the Board

Manager's Report: Gary Goodman mentioned the District was on a holiday break from 12/23/2021 through 1/2/2022. He also stated the District staff is taking earned vacation time and completing annual training during this time of year including remote work when available. Staff is working on the annual NPDES report that will be due to the SWRCB in March. The MVCAC Annual Conference will be held in Sacramento February 7th through the 9th with the MVCAC Board Meeting being held on the 10th. Trustees Gardiner, Karpinsky-Costa and Darroch are scheduled to attend the conference.

Please be advised that you will need to submit your Conflict of Interest Form 700 prior to April 2022. The District will provide you with the Form 700 via email and we need to date stamp the Form when you return it. Please submit the Form as soon as possible after receiving it.

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.

Information Technology: Dan Fisher highlighted projects that he has been working on throughout the year and projects that have been completed. Dan spoke about increasing the efficiency of using MapVision with the upgrades installed and how he and the staff are seeing great results. Dan also spoke about the phone upgrade plans and iPad updates. Dan mentioned his attendance at CalSurv meetings and how his presentations have been well received.

Lab/Surveillance: Sarah Wheeler noted that they are seeing an upward trend at one site with the winter species, *Culiseta inornata*. There have been no Aedes detections since 12/1/201, but they will continue to monitor in Elder Creek and Elk Grove over the winter months to get a feel for seasonal trends.

Sarah stated that the team is currently tick flagging and are detecting average numbers. They have had evidence of ticks at East Lake, Natomas, Upper Sunrise, Nimbus Overlook and Negro Bar. They have noted that Infection rates are not as high so far this year in areas considered high risk.

Sarah stated that she and the team are getting ready for the upcoming season by repairing traps and converting traps to run on battery power.

Sarah reviewed the annual Bird count data and said the numbers are similar to previous years with a little bit lower number on total number of species which is likely due to tree work being done on site and the heavy rain that flooded the marsh area.

Sarah was asked to give a short talk during CDC's Vector week-Jan. 25-27. Sarah stated that she will be highlighting collaborations with the Regional Centers of Excellence that the District is currently involved in as a part of her presentation.

Ecological Management: Marty Scholl was not in attendance but a written report was provided. Gary Goodman highlighted the recent work on the trailer that Marty and his team had completed.

Biological Control: Tony Hedley stated that the District has planted about 0.825 pounds of fish during the last month. He also mentioned that this time of year work will shift from fish planting to working on nets, ordering supplies and getting ready for the new season. Tony and his team are also working on their annual training modules. Tony discussed the process for repairing and hanging nets and noted that the nets have anywhere from a 5-10 year life-span.

Larval and Adult Control: Steve Ramos gave an update on service requests noting that they have dropped off for the year. Most calls involve field technicians assessing the sight and providing recommendations. The department received one yellow jacket service request from The Sacramento Zoo where only 2 yellow jackets were found. Continuing Education is currently taking place during the off season. Steve also mentioned that Baseline testing has been implemented which helps to determine where staff need additional focus for future/annual training. The annual pesticide training will be in March.

Public Outreach: Luz Robles was not in attendance but a written report was provided. Gary Goodman mentioned that we will be starting preparation for the Fight the Bite art contest and we are currently moving forward with production plans for a video assembly to present virtually at area schools.

5. **Board Review of District 5-Year Plan:** Assistant Manager Samer Elkashef presented an overview of the District's 5-Year Plan. Samer noted that the plan was developed in 2015 as a way to determine how we can grow our District and become better and more efficient in our daily work. Samer summarized accomplishments that have taken place since the plan was put in place. Samer pointed out the reference table included in the report where the progress of the individual projects is being tracked.

6. **Board Review and Consideration for Approval of Additional Supervisor Position to Head the Aedes Department:** Gary Goodman gave overview of reasons for needing an additional supervisor for the Aedes Crew. On a motion by Trustee Denny and seconded by Trustee Mooney, the Board voted to approve Item 6. The vote was taken by roll call and the motion passed by the following vote: Ayes: 10, Noes: 0, Absent: 2.

7. **Closed Session-Public Employee Performance Evaluation (Gov. Code § 54957): Manager**

The board went into closed session at 11:02 am. The meeting reconvened in open session at 11:34 a.m. Jeni Buckman reported out of closed session with no action taken.

8. **Board Consideration and Approval of District Officers for President, Vice President, and Secretary and Delegating the Manager to Perform the Responsibilities of the Secretary**

Once a year at the end of the January meeting the District elects new board officers. Gary Goodman called for nominations for President, Vice President and Secretary. On a motion by Trustee Karpinski-Costa nominating Trustee Mooney as President and seconded by Trustee Denny, the Board voted to approve Marcia Mooney as the next board president. The vote was taken by roll call and the motion passed by the following vote: Ayes: 10, Noes: 0, Absent: 2.

The Board voted on a motion by Trustee Karpinski-Costa seconded by Trustee Robert McGarvey nominating Trustee House as Vice President and Trustee Denny as Secretary. The vote was taken by roll call and the motion passed by the following vote: Ayes: 10, Noes: 0, Absent: 2.

9. **Board/Staff General Discussion**

Gary Goodman mentioned that he would like the MCVAC Conference attendees to give a brief overview of the meeting at the next board meeting

10. **Adjournment**

With no further business to conduct the meeting was adjourned at 11:49 a.m.

January 2022 Check Register
Activity From: 1/1/2022 to 1/31/2022
Sacramento Yolo MVCD (SYC)

Bank Code: U US Bank

Check Number	Check Date	Vendor Number	Name	Check Amount
055434	1/11/2022	0000018	ANDKO Building Maintenance Inc.	4,804.94
055435	1/11/2022	0000026	ArcSource	38.90
055436	1/11/2022	0000034	AutoZone Inc	23.02
055437	1/11/2022	0000036	Awards by Kay	255.02
055438	1/11/2022	0001011	Buckmaster Office Solutions	2,430.88
055438	1/11/2022	0001011	Buckmaster Office Solutions	Void
055439	1/11/2022	0000117	City of Woodland	367.72
055440	1/11/2022	0000126	Complete Welders Supply Inc	11.55
055441	1/11/2022	0000128	Consolidated Communications	2,390.80
055442	1/11/2022	0000186	Elk Grove Water District	348.78
055443	1/11/2022	0000958	GreatAmerica Financial Services	372.82
055444	1/11/2022	0000240	Hunt & Sons Inc	88.83
055445	1/11/2022	0000497	MagneGas Welding Supply	81.16
055446	1/11/2022	0000306	Maita Chevrolet	793.29
055447	1/11/2022	0000367	PG & E	4,786.27
055448	1/11/2022	0001488	Red Shoe Productions	7,500.00
055449	1/11/2022	0000388	Republic Services #922	97.55
055450	1/11/2022	0001465	Sacramento Control Systems, Inc.	390.00
055451	1/11/2022	0000418	Sacramento LaFCo	1,711.00
055452	1/11/2022	0000424	Safe Side Security	384.00
055453	1/11/2022	0000451	SMUD	3,750.49
055454	1/11/2022	0000454	Spark Creative Design	481.00
055455	1/11/2022	0000456	Spex SamplePrep LLC	7,744.96
055456	1/11/2022	0000461	Stericycle Inc	85.46
055457	1/11/2022	0001234	T-Mobile	1,453.36
055458	1/11/2022	0000475	Target Specialty Products	4,949.28
055459	1/11/2022	0000494	Totlcom Inc	2,438.00
055460	1/11/2022	0002407	Valley Fire & Security	69.50
055461	1/11/2022	0000518	Vector Disease Control International	52,083.33
055462	1/11/2022	0000522	Verizon Wireless	2,998.05
055463	1/11/2022	0000543	Yolo County Environmental Health	1,366.00
055464	1/11/2022	0001011	Buckmaster Office Solutions	125.49
055465	1/11/2022	0001019	Cintas Corporation	2,305.39
055466	1/12/2022	0000504	US Bank	31,816.58
055467	1/19/2022	0000083	CA Department of Tax and Fee Administration	2,136.00
055468	1/19/2022	0000267	Kaiser Foundation Health Plan	43,766.42
055469	1/19/2022	0000373	Preferred Benefit Ins Administrators	8,307.30
055470	1/19/2022	0000141	PRISM	313.95
055471	1/19/2022	0000957	Sutter Health Plus	10,527.06
055472	1/19/2022	0000531	Western Health Advantage	5,819.93
055473	1/19/2022	0000531	Western Health Advantage	3,154.71
055474	1/21/2022	0000006	Adapco Inc	69.67
055475	1/21/2022	0000014	Alhambra & Sierra Springs	43.95
055476	1/21/2022	0000015	All Star Glass	1,042.42
055477	1/21/2022	0001046	All Star Rents	1,971.34
055478	1/21/2022	0000038	Bartkiewicz Kronick & Shanahan	1,175.00
055479	1/21/2022	0001011	Buckmaster Office Solutions	125.49
055480	1/21/2022	0000774	CA Department of Fish & Wildlife: CNDDB	400.00
055481	1/21/2022	0000126	Complete Welders Supply Inc	988.35
055482	1/21/2022	0000145	Dan Fisher	228.68
055483	1/21/2022	0002422	Delphia Consulting, LLC	5,269.00
055484	1/21/2022	0000223	Grainger	71.57
055485	1/21/2022	0000240	Hunt & Sons Inc	157.96
055486	1/21/2022	0000277	Kimball Midwest	160.55

055487	1/21/2022	0002352	Kingsley Bogard, LLP	8,140.41
055488	1/21/2022	0000367	PG & E	1,588.00
055489	1/21/2022	0001270	Rubicon Global, LLC	208.27
055490	1/21/2022	0000492	Top Rank Heating Air Conditioning Inc	1,974.68
055491	1/21/2022	0001471	Walker's Office Supply	73.46
055492	1/21/2022	0000529	Waste Management	175.08
055493	1/31/2022	0000043	Benefit Coordinators Corporation	3,152.42
055494	1/31/2022	0000084	CA State Disbursement Unit	350.00
055495	1/31/2022	0001035	Operating Engineers Local Union No. 3	1,273.00
055496	1/28/2022	0000230	Abplanalp Family Trust	77.88
055497	1/28/2022	0000053	Brad Donaldson	46.09
055498	1/28/2022	0000093	Capitol Park	46.09
055499	1/28/2022	0000095	Carmichael Park	46.09
055500	1/28/2022	0000640	County of Yolo Maintenance Yard	77.88
055501	1/28/2022	0000150	Davis Cemetary	77.88
055502	1/28/2022	0000206	Folsom Water Treatment	46.09
055503	1/28/2022	0000208	Fox 40 KTXL	46.09
055504	1/28/2022	0000224	Gramercy Court	46.09
055505	1/28/2022	0000272	KCRA TV 3	46.09
055506	1/28/2022	0000290	Leona Beaver	46.09
055507	1/28/2022	0000335	Nakahara Farms	77.88
055508	1/28/2022	0000341	Natomas Mutual Water Co	46.09
055509	1/28/2022	0000343	Nature Conservancy Cosumnes River Preserve	46.09
055510	1/28/2022	0000381	Rancho Murieta Association	46.09
055511	1/28/2022	0000382	Randy Johnson	46.09
055512	1/28/2022	0000386	Raymond Coupe	46.09
055513	1/28/2022	0000439	Schene Enterprises	77.88
055514	1/28/2022	0000463	Steve Simunich	46.09
055515	1/28/2022	0002365	Vicky Macnerney	46.09
055516	1/31/2022	0002424	Michael's Reno Powersports	2,000.00
W00236	1/31/2022	0000087	CalPERS Financial Reporting & Accounting Services	76,144.06
W00237	1/31/2022	0000086	CalPERS 457 Plan	17,953.77
W00238	1/31/2022	0000339	Nationwide Retirement Solutions	1,550.00
W00239	1/31/2022	0000339	Nationwide Retirement Solutions	3,225.00
W00240	1/31/2022	0000176	EDD	14,512.15
W00241	1/31/2022	0000561	United States Treasury	54,445.51
Bank U Total:				<u>409,688.45</u>
Report Total:				<u><u>409,688.45</u></u>

I hereby authorize the use of my signature plate on
the above-listed warrants, 055434-055516, and EFTs W00236-W002421

Signature

Date

Marcia Mooney, President of the Board

Run Date: 2/8/2022 11:05:59 AM

Page:

Sacramento/Yolo M.V.C.D.

STATEMENT OF OPERATION

	<i>7Months Ended January31 2022</i>	<i>Annual Budget</i>	<i>Unused</i>
Revenue			
REVENUE	30,934.81	0.00	30,934.81
TOTAL Revenue	30,934.81	0.00	30,934.81
Expenditures			
SALARIES/BENEFITS/WC			
SALARIES/BENEFITS/WC	7,149,215.31	9,136,769.78	1,987,554.47
TOTAL Salaries	7,149,215.31	9,136,769.78	1,987,554.47
OPERATIONAL			
LIABILITY INSURANCE	212,157.00	215,825.00	3,668.00
AUDITING/FISCAL	15,000.00	16,000.00	1,000.00
COMMUNICATIONS	50,135.98	93,500.00	43,364.02
PUBLIC INFORMATION	199,013.82	572,000.00	372,986.18
STRUCTURE & GROUNDS	59,609.92	83,000.00	23,390.08
MEMBER/TRAINING	59,050.11	119,000.00	59,949.89
DISTRICT OFFICE EXPENSES	13,077.59	17,500.00	4,422.41
PROFESSIONAL SERVICES	78,271.14	220,250.00	141,978.86
MATERIALS & SUPPLIES	11,434.57	22,000.00	10,565.43
RENTS & LEASES - Admin	7,506.65	11,550.00	4,043.35
SAFETY PROGRAM	1,520.00	5,000.00	3,480.00
UTILITIES	60,709.50	110,000.00	49,290.50
AIRCRAFT SERVICES	713,669.76	1,020,000.00	306,330.24
ECOLOGICAL MANAGEMENT	567.46	18,500.00	17,932.54
MICROBIAL	820,738.09	1,550,000.00	729,261.91
INSECT GROWTH REGULATOR	714,925.03	1,100,000.00	385,074.97
INSECTICIDES	406,783.06	1,100,000.00	693,216.94
FISHERIES	11,428.17	32,000.00	20,571.83
GEOGRAPHIC INFO SYSTEMS	3,768.00	9,000.00	5,232.00
INFORMATION TECHNOLOGY	32,136.06	66,680.00	34,543.94
CONTROL OPERATIONS	19,117.82	47,000.00	27,882.18
VEHICLE PARTS/LABOR	74,422.67	101,000.00	26,577.33
LAB SERVICES	124,988.75	185,000.00	60,011.25
GAS & PETROLEUM	107,179.32	170,000.00	62,820.68
TOTAL Total Operational	3,797,210.47	6,884,805.00	3,087,594.53



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

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

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	\$2,842,770.83
L.A.I.F.	0.24%	\$6,569.74	\$2,920,558.89
VCJPA-Member Contingency Fund	1.45%	\$725.00	\$1,768,678.00
CERBT-Strategy 3		\$6,770.43	\$2,339,953.11
		District Total:	\$9,871,960.83

**Rates are reflected as annualized earning rates*



County of Yolo

www.yolocounty.org

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

CHAD RINDE, CPA

Chief Financial Officer

TOM HAYNES

Assistant Chief Financial Officer

- Financial Leadership
- Budget & Financial Planning
- Treasury & Finance
- Tax & Revenue Collection
- Financial Systems Oversight
- Accounting & Financial Reporting
- Internal Audit
- Procurement

February 4, 2022

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 December 31, 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 December 31, 2021:	0.489%*		\$ 1,183.20
Quarter ending December 31, 2021:		0.23%	\$ 2,976.99

Placement of Funds as of December 31, 2021:

Yolo County Treasurer's Pool (Fund 6953)	\$ 2,842,770.83
Flexible Spending Account	14,646.50
LAIF	<u>2,920,558.89</u>
Total	\$ 5,777,976.22

*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

December 31, 2021

Member District	Balance at Beginning of Quarter	Contribution	(Withdrawals)	Interest Earned	Allocated Admin.	Balance at End of Quarter
Alameda County	373,765			(2,736)	(8)	371,021
Burney Basin	34,640	1,589		(259)	(1)	35,969
Butte County	298,722	39,197		(2,330)	(7)	335,582
Coachella Valley	718,857	166,005		(5,871)	(17)	878,974
Coalinga-Huron	7,699	352		(58)	0	7,993
Colusa	94,957	950	(2,668)	(689)	(2)	92,548
Compton Creek	70,535			(516)	(2)	70,017
Consolidated	433,586			(3,174)	(9)	430,403
Contra Costa	1,276,015	21,431		(9,421)	(28)	1,287,997
Durham	4,393			(32)	0	4,361
Fresno	223,645			(1,637)	(5)	222,003
Glenn County	43,592			(319)	(1)	43,272
Greater Los Angeles County	1,441,076	121,200		(10,995)	(32)	1,551,248
Lake County	143,057			(1,047)	(3)	142,007
Los Angeles County West	693,639	67,223		(5,324)	(16)	755,522
Marin-Sonoma	834,546	13,303		(6,159)	(18)	841,672
Monterey County	628,046	1,624	(607,722)	(2,379)	(7)	19,562
Napa County	1,334,781	30,684		(9,885)	(29)	1,355,550
Northwest	348,720			(2,553)	(8)	346,159
Orange County	447,705			(3,278)	(10)	444,417
Oroville	12,090			(89)	0	12,001
Pine Grove	32,869			(241)	(1)	32,627
Placer	212,088	32,258		(1,671)	(5)	242,670
Sacramento-Yolo	1,665,766	115,569		(12,619)	(37)	1,768,678
San Gabriel Valley	135,388			(991)	(3)	134,394
San Joaquin County	474,611	52,553		(3,667)	(11)	523,486
San Mateo County	506,266			(3,706)	(11)	502,549
Santa Barbara County	72,802	8,372		(564)	(2)	80,608
Shasta	262,868			(1,925)	(6)	260,937
Sutter-Yuba	367,162			(2,688)	(8)	364,466
Tehama County	282,778			(2,070)	(6)	280,702
Turlock	7,311	24,538		(143)	0	31,706
West Valley	323,637			(2,369)	(7)	321,261
Total	13,807,611	696,848	(610,390)	(101,405)	(300)	13,792,361

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 December 31, 2021



Market Value Summary:

	QTD Current Period	Fiscal Year to Date
Beginning Balance	\$2,269,628.12	\$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	70,820.82	77,591.25
Administrative Expenses	(286.42)	(570.92)
Investment Expense	(209.41)	(417.41)
Other	0.00	0.00
Ending Balance	\$2,339,953.11	\$2,339,953.11
FY End Contrib per GASB 74 Para 22	0.00	0.00
FY End Disbursement Accrual	0.00	0.00
Grand Total	\$2,339,953.11	\$2,339,953.11

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	18.326303	18.275612
Period Ending Unit Value	18.894148	18.894148

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

Sacramento-Yolo Mosquito and Vector Control District

February 15, 2022 Board Meeting

3. Reports to the Board

- a. Manager's Report**
- b. Reports from Trustees Attending the Mosquito and Vector Control Association of California (MVCAC) Annual Conference**
- c. 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 weather has started to warm up and we are beginning to see more mosquito activity.

Staff did an excellent job with their presentations at the MVCAC Annual Conference earlier this month. The District gave five talks at the meeting.

Staff has submitted the National Pollutant Discharge Elimination System (NPDES) Annual Report to the State Water Resources Control Board.

The MVCAC and AMCA are working on organizing their respective Legislative Days and both events are being planned on a virtual platform.

Our Vector Control Joint Powers Authority will be holding their annual workshop virtually on February 17th and 18th.

Please be advised that you will need to submit your Conflict of Interest Form 700 prior to April 2021.

b. Reports from Trustees Attending the MVCAC Annual Conference

c. Reports from District Departments

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

LABORATORY

Monthly Report for the February 2022 Board Meeting

Insectary:

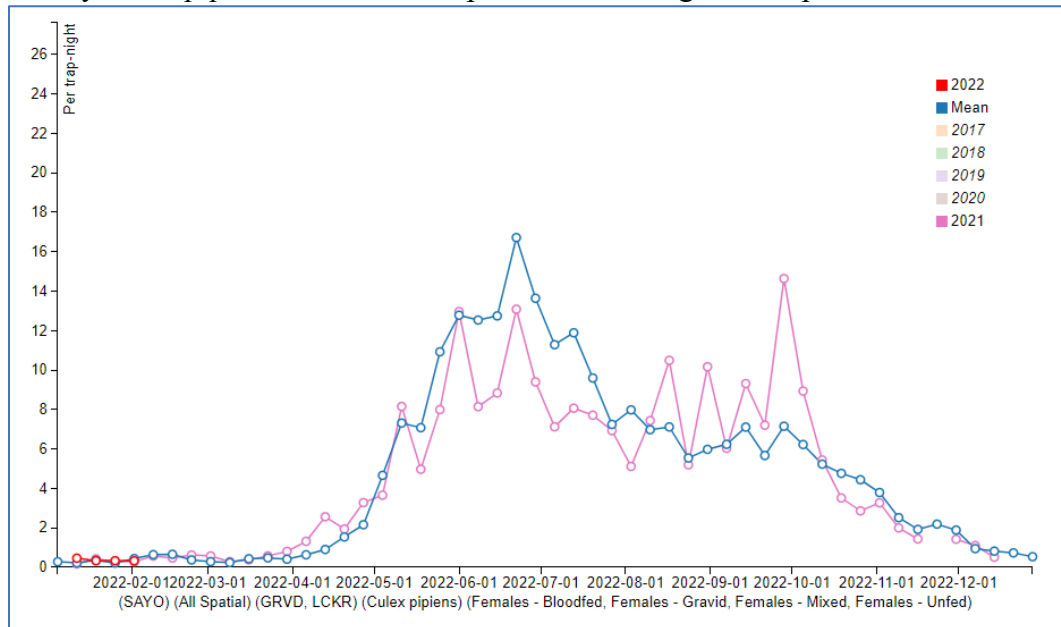
Species	Name	Origin	Resistance Status
<i>Culex tarsalis</i>	KNWR	Kern National Wildlife Refuge (2009)	susceptible
<i>Culex quinquefasciatus</i>	CQ1	Merced, CA (1950s)	susceptible
<i>Culex pipiens</i>	WCP	Woodland, CA (2017)	resistant: pyrethrins/pyrethroids, methoprene, and spinosad
<i>Culex tarsalis</i>	VFCT	Vic Fazio Yolo Wildlife Area (2020)	resistant: pyrethrins/pyrethroids
<i>Culex pipiens</i>		South Sacramento (2021)	status under investigation
<i>Aedes sierrensis</i>		Sonoma County (2016)	susceptible

This month our *Aedes sierrensis* colony will be used to assess the residual efficacy of larvicide applications in tree holes.

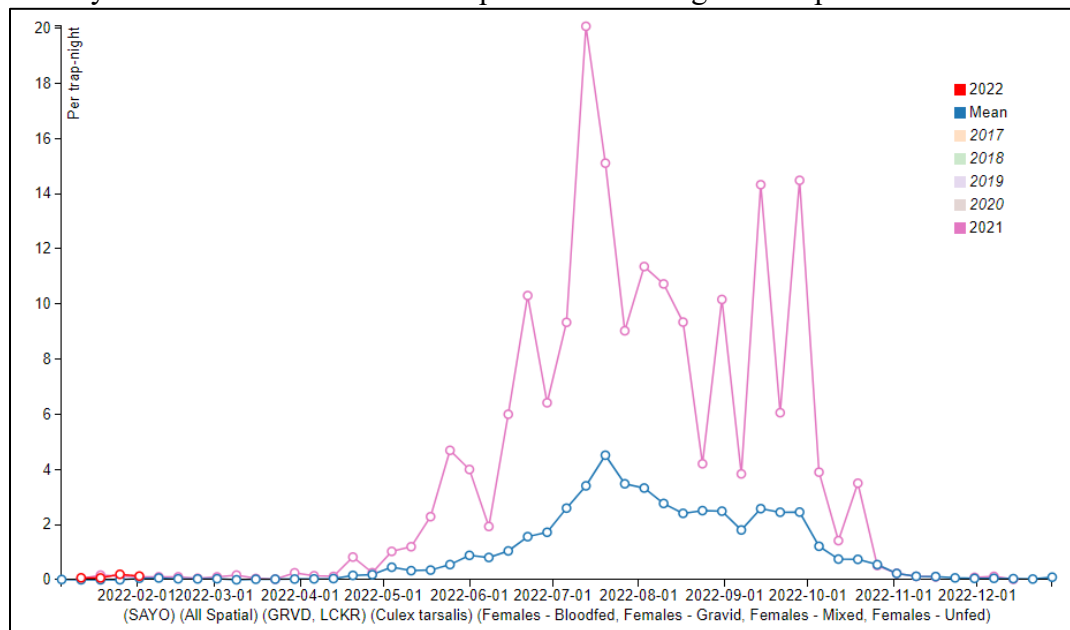
Surveillance:

Weekly collections - The graphs below show that *Culex tarsalis* and *Culex pipiens* abundance were low, which is normal for this time of year. *Culiseta inornata* abundance has dropped back down to align with the mean abundance.

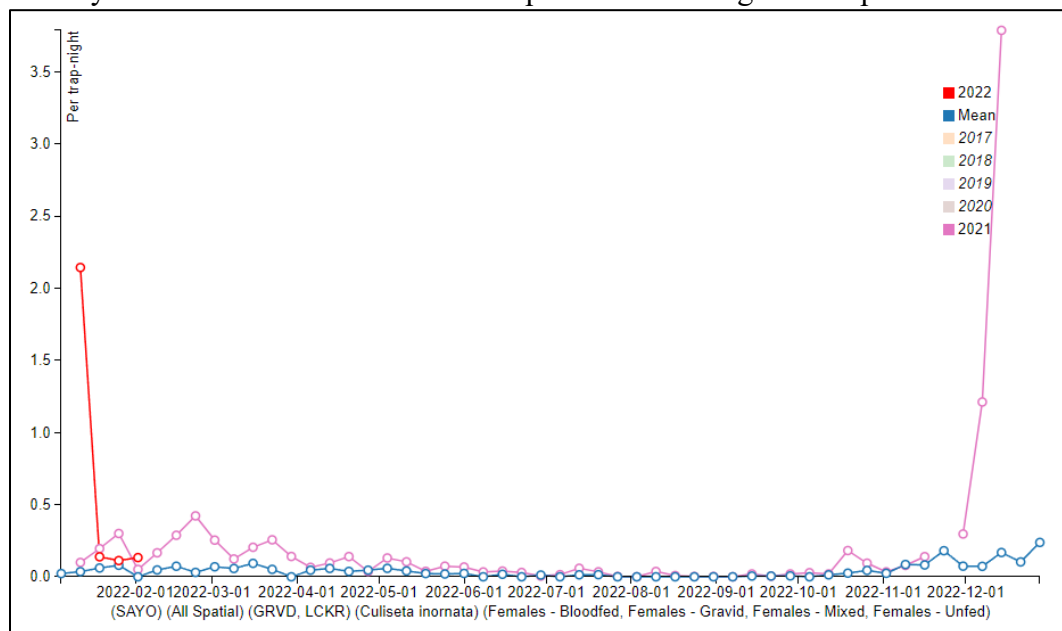
Weekly *Culex pipiens* abundance traps in locker and gravid traps:



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



Weekly *Culiseta inornata* abundance traps in locker and gravid traps:



Encephalitis Virus Surveillance (EVS)

- Mosquitoes** – We are currently in the planning process for the 2022 surveillance season. Routine trapping will begin again in May.

- **Sentinel Chickens** – We currently do not have any sentinel chickens and will restart this program in the spring
- **Dead Birds** – We are not currently collecting and testing dead birds, but the program will restart in April.

Invasive *Aedes* spp. Surveillance – This winter we are monitoring two *Aedes aegypti* populations within the District. There are four BG sentinel traps deployed in Elk Grove and four deployed in the Elder Creek area of Sacramento. We have not detected *Ae. aegypti* since December 1st. We will increase our *Aedes* surveillance activities in the spring.

Tick and Lyme Disease Surveillance – During January 193 *Ixodes pacificus* were collected in Sacramento and Yolo Counties and 52 pools were tested for *Borrelia burgdorferi*. One pool collected in January from Negro Bar tested positive for *B. burgdorferi*. This winter 5 pools have tested positive for *B. burgdorferi* in *I. pacificus* from East Lake Natoma, Upper Sunrise, Negro Bar and the Nimbus Overlook. The lab is monitoring the tick populations at 20 sites across Sacramento and Yolo counties this season.

BG Counter Traps – Traps will be deployed at the start of the rice growing season.

Disease Response Surveillance – There were no human cases of mosquito-borne diseases reported to the District in January.

Collaborations and District Studies – We are scheduling meetings with collaborators and sketching out project plans for the 2022. Details will be provided as they develop.

Presentation Preparation – Our Laboratory Director, Sarah Wheeler, is preparing talks for the MVCAC and AMCA conferences focused on larvicide resistance testing and strategies for managing larvicide resistance. Our Microbiologist, Kara Kelley, is preparing a talk for AMCA on our evaluation of a new adulticide product under development by Valent Biosciences.

The California Arbovirus Surveillance Bulletin updates will begin again in the spring.

ECOLOGICAL MANAGEMENT DEPARTMENT

Monthly Report for the February 2022 Board Meeting

Stormwater/Planning Program

Staff reviewed multiple in-fill planning projects all located within the City of Sacramento; The Jefferson Block, Costco Fuel Facility, 29SC Maven V Apartments, and the Ripley Manor Subdivision tentative map. No significant issues were noted.

Wetland Program

Roosevelt Ranch: The Ranch Manager contacted staff to inquire about any potential impacts to the District's operations with a new drain and re-flood program currently being offered by California Trout. The program aims to pay land managers along the Yolo Ridge-Cut area North of Knights Landing to drain flooded fields at the end of February and re-flood a few days later to provide a food web into the Sacramento River for juvenile salmon. The process would repeat mid-March, with all fields being finally drawn down at the normal spring timeframe of early April. No immediate impacts are anticipated; however staff will monitor and provide feedback to Roosevelt Ranch staff as well as California Trout for future programs.

General Department Maintenance

Staff assisted the Fisheries Department by utilizing the District's trackloader to add an earthen berm around the two newly fenced and netted ponds. The berm will prevent wildlife from entering the inside of the fenced pond area and becoming trapped and from eating mosquitofish.



Staff has continued to re-organize the Ecological Management's storage bay. A new workbench has been built and will be utilized for the maintenance and storage of Ecological management equipment and tools.



BIOLOGICAL CONTROL

Monthly Report for the February 2022 Board Meeting

In the month of January the Fisheries Department worked on annual training modules and updated field technician's manuals and required safety data sheets. All fisheries vehicles and water pumps were serviced and made ready for the upcoming season. All predatory exclusion ponds have been checked for holes and gaps and repaired as needed. The Fisheries Department also continues to conduct maintenance around the facility including cleaning and organizing work trucks and utility vehicles, and cleaning the fisheries building. The mild January weather necessitated weed removal around the Elk Grove offices.

1.050 pounds of fish were used in the month of January. The majority of this usage was for service requests. Daily activities such as water quality testing, medical treatments and tank cleaning were also performed to maintain high quality fish. The Fisheries department also continued to gather weekly data for all of our ongoing projects including traditional fertilization techniques, crayfish control and the use of solar aerators to maintain dissolved oxygen levels.

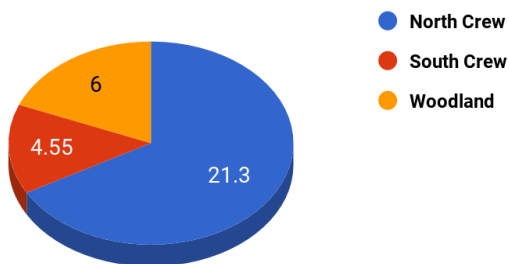
Log of Treatment Applied January

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Treatments</u>
Mosquitofish (<i>Gambusia affinis</i>)	1.050 lbs	6.374Acres	12
Guppies (<i>Poecilia reticulata</i>)	On hold until weather conditions warm up.		

Fisheries Budget

<u>Total Budget</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
32,000.00	18,733.22	13,266.78	59%

Pounds of fish used by crew



Completed predatory exclusion pond , net and all holes filled.

CONTROL OPERATIONS

Monthly Report for the February 2022 Board Meeting

Culex and West Nile Virus (WNV) Control

There continues to be no WNV detections in the month of January. Crews have been responding to service requests for fish and adult mosquito activity. Warm weather has increased adult mosquito activity but low night time temperatures have been keeping adult mosquito abundance low.

Annual Training and Calibration

Our Field Technicians have been going through the District's suite of annual training modules. The technicians have also been taking advantage of the dry days in January to calibrate their application equipment for liquid and granular field treatments for their trucks and All Terrain Vehicles. The District administered a baseline knowledge test to all staff which will be completed in February which will help staff customize our annual pesticide training that will take place in March.

Invasive Aedes Control

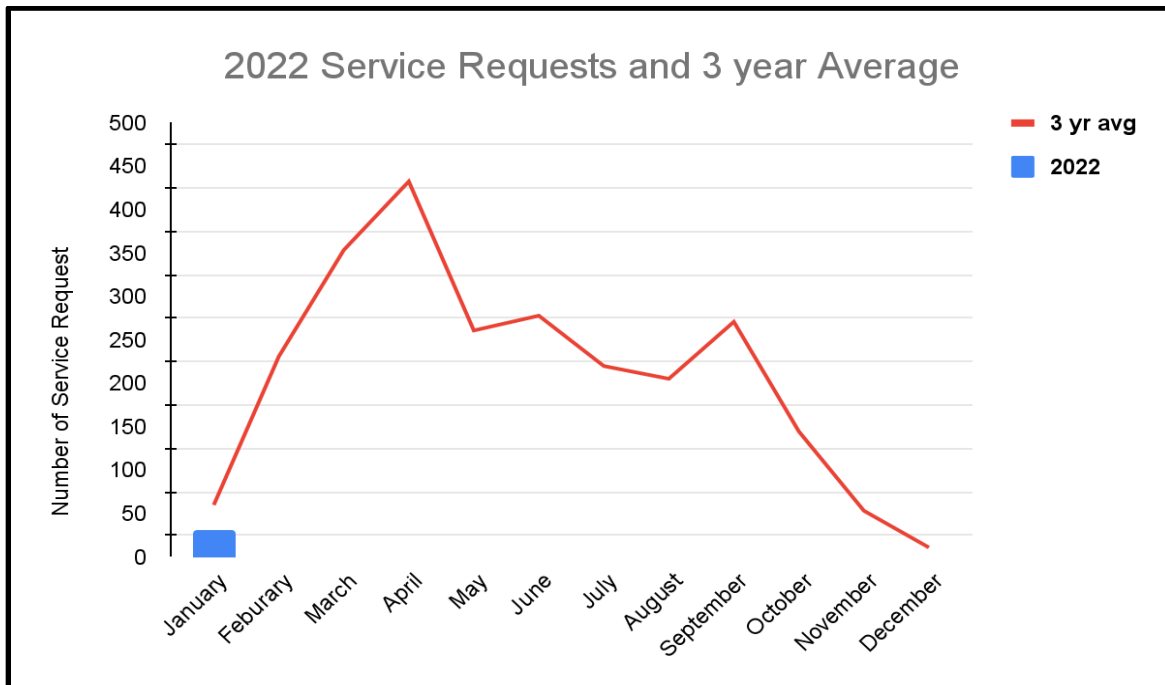
There were no invasive Aedes detected in any permanent trap areas in the month of January.

Fall and Winter Projects

In house projects like wider stairs and rails leading to the pesticide room and library have been completed. Technicians continue to make District Water Soluble Pouches for catch basin and swimming pool treatments. Offsite projects for brush cutting continue as vegetation growth has increased with the warmer day time temps.



Field Technicians measuring spray output during truck equipment calibration



Larvicide Applications thru January 31 st				
	2022		2021	
<u>Locations/Roles</u>	<u>Treatments</u>	<u>Acres</u>	<u>Treatments</u>	<u>Acres</u>
Sacramento County	52	12.5	0	0
Sac County Aerial	0 Orders	0	0 Orders	0
Sac County Drone Treatments	0 Orders	0	0 Orders	0
Yolo County	0	0	0	0
Yolo County Aerial	0 Orders	0	0 Orders	0
Yolo County Drone Treatments	0 Orders	0	0 Orders	0
CB Treated	0	--	0	--
CB Inspected -not treated	0	--	0	--

Aerial Adulticide Summary thru January 31 st				
	2022		2021	
<u>County</u>	<u># Applications</u>	<u>Acres</u>	<u># Applications</u>	<u>Acres</u>
Sacramento Ag	0	0	0	0
Sacramento Urban	0	0	0	0
Yolo Ag	0	0	0	0
Yolo Urban	0	0	0	0

At this time there have been no aerial adulticide flights performed in 2022

PUBLIC INFORMATION AND EDUCATION
Monthly Report for the February 15, 2022 Board Meeting

Advertising

As part of our 2022 Fight the Bite advertising campaign we will once again use our consultant, Gary Benjamin, to assist in placing the media buys once the advertising plan is approved. We are currently reviewing market data and trends that will help guide a strategy and a final plan in the coming months. We will also soon begin to have meetings with account executives and evaluate their proposals for the upcoming campaign. Due to ongoing detections of invasive mosquitoes later in the season, the trend we began last year of extending the advertising campaign through the end of October will continue. Extending the buy allows for an increase in messages specific to invasive mosquitoes at the height of the season, especially in areas where they continue to be detected.

School Program

The virtual Fight the Bite school assembly produced by Red Shoe Productions is nearly finished with most of the editing completed. Once finalized the assembly link will be sent out to teachers to share with their students. The target demographic for the virtual based assembly is elementary school aged students.

2022 Fight the Bite Contest

The 2022 annual Fight the Bite Contest is underway. In preparing for the contest, the promotional flier was updated and sent to all regional school districts for approval. Once districts approve the flier, it will be disseminated to teachers. The contest will be promoted on social media, through the virtual school assemblies, and also by emailing teachers who have submitted entries in the past, as well as contacting schools that participate in the contest every year.

Government Affairs

We will soon begin the process of updating our local elected officials contact list and reaching out to cities and counties to schedule our annual Fight the Bite presentation. At this moment we are unsure if updates will be given in person, virtually, or if a written report will be requested.

Outreach Materials

In preparation for the upcoming season we are currently in the process of updating our yellow jacket and West Nile virus prevention brochures as well as re-stocking other materials.

MVCAC

A presentation titled, “What’s the Buzz? A Public Outreach Response to the Spread of Invasive Mosquitoes”, was given at the 2022 MVCAC Conference. The District’s Public Information Officer was also asked to moderate the Community Engagement symposium.

Sacramento-Yolo Mosquito and Vector Control District

February 15, 2022 Board Meeting

4. Board Review and Consideration of \$345,000 to Fund the Public Outreach Advertising Plan for the 2022 Mosquito Season

Staff Report:

The District's Public Information and Education Department strives to raise awareness of mosquitoes, prevention of mosquito transmitted diseases as well as District services and activities. We also seek to spread this messaging as effectively and efficiently to as many residents of Sacramento and Yolo counties as possible. We purposely target homeowners, adults with children at home, and adults 55-years-old and older. We utilize a variety of media tools including paid advertising mediums that include television, radio, social media, media sponsorships, on-air television appearances, news interviews, public service announcements, media relations, government affairs, and other public and community outreach and involvement.

Campaign Overview:

This year, the District's Public Information and Education Department will:

- Continue to raise awareness within Sacramento and Yolo counties of our ongoing efforts to protect our residents from mosquitoes, and the transmittable diseases that they carry..
- Extend our messaging through October to accommodate the longer mosquito season that we experience due to climate change and invasive mosquitoes.
- Effectively communicate how our communities and individuals can participate in the prevention and mitigation of mosquitos and assist us in our abatement efforts to reduce the spread of mosquito transmitted diseases.
- Continue to adjust our messaging relating to how residents can receive services as the COVID pandemic continues to permeate in our communities.

The District will continue to use the most recent syndicated research and available demographic data to deliver our messages to those residents who are the most vulnerable and are at highest risk for West Nile virus and other mosquito transmitted diseases.

- Current data and research help us carefully track and measure the growth of those adults we purposely target - families with children ages 0-17, and seniors 55+ - with special emphasis on homeowners.
- This campaign carefully considers the market composition, profile, and geographic distribution of these primary targets and how they utilize media. It is carefully crafted to provide the most effective and efficient media utility designed to reach as many of these adults as possible at the appropriate frequencies.

- As digital media options continue to grow and expand with various streaming options in both television and radio, we purposely place media directly into our service areas by carefully selecting these new types of media and services.
- Various media tools are utilized, including paid advertising campaigns such as traditional television, radio, and outdoor media. This year we will continue to increase our use of various digital media assets. In addition, we also utilize on-air news interviews to generate media stories, public service announcements whenever inventory is available, media partnerships, government affairs, and ongoing general public outreach.

As mentioned earlier, the 2022 plan will allow for even more flexibility during the season and enable us to extend our traditional messaging. Historically, the advertising campaign has run from Memorial Day through Labor Day, however, last year we were able to extend all the way through the end of October to continue to disseminate messages specific to invasive mosquitoes which tend to be detected later in our season. This advertising plan will purposely provide us the ability to extend over a longer season.

Campaign Goals:

- Educate and inform the community about mosquitoes, prevention of West Nile virus and other vector-borne diseases, paying careful attention this year to the growing invasive species discovery and threats.
- Highlight the District messaging by emphasizing the advantages of draining standing water, using personal protection, and enlisting community support to reinforce that mosquito control matters to all of us, and how residents are able to do their part to prevent mosquitoes.
- Increase public awareness of how residents can participate to prevent mosquito breeding sites and remind them of all services offered by the District.
- Build public trust and enhance our brand by advancing awareness that we are a reliable and responsive resource in the community.
- Increase public recognition of the Fight-the-Bite campaign, our website, and the District's 7 D's. (Drain, Defend, Dress, Doors, Dawn, Dusk and District,

Creative Advertising

In 2021, we produced new and creative materials that focused on invasive mosquitoes. This year, we will continue to use these materials and work to further expand our brand's portfolio of messages adding new creative outlets as needed. We will make necessary adjustments to ensure our messaging is communicating the most relevant and important information available.

Advertising Strategy

The 2022 advertising campaign will incorporate a mix of several media elements including television (broadcast TV, cable TV, and digital TV), radio, print and social media. Digital media may include the use of longer format placements to disseminate a depth of messaging objectives. Messages will focus on the importance of controlling mosquitoes, personal

protection and the ongoing threat of the West Nile virus. Since invasive mosquitoes will likely continue to spread, we will also include messaging specific to invasive *Aedes* and the importance of being on the lookout for these types of mosquitoes.

TELEVISION: Television, both traditional and cable, along with an increased use of digital television will be a strong foundation of the advertising campaign and provide the audio and visual aspect of the messaging strategy. COVID has increased the number of people who continue work from home and the latest research reveals that TV viewership has increased accordingly. We will continue to use non-English speaking TV outlets with commercials that are produced in Spanish, Vietnamese, Hmong, Mandarin and Russian to further our reach in those communities. TV sponsorships such as the River Cats broadcast and other special programs are also incorporated into our TV use strategy and help us extend the “length” of our messaging and ties to the communities that we serve. This year we will also add even more On Demand TV and streaming platforms which allows us to more specifically target the family, senior, homeowners, and place our ads directly into the two counties that we serve.

RADIO: Radio advertising will remain a strong element of the campaign and will include many sponsorships - programming sponsorships, on-air appearances, interviews, and public service announcements. We also negotiated a significant volume of bonus spot coverage and often use that coverage to fill in on any off weeks by station. Streaming radio listening is also growing quickly and will be included as a higher percentage of this year’s radio budget. Non-English speaking radio is also used in accordance with research of the targets and includes English, Spanish and Russian spots.

DIGITAL MEDIA: The consumer use of digital media continues to grow, especially for news and entertainment. As a result our use of digital media also needs to grow in kind. This will include more targeted digital platforms and continue to have a strong presence on social media utilizing Facebook, Twitter, Instagram and Nextdoor. We will focus on increasing the number of fans by using Facebook Ads, as we post timely, relevant, interesting, and shareable content. This will increase our exposure to the online community giving the District even higher visibility. We will continue to increase our partnership with Nextdoor – especially in neighborhoods where invasive species or other factors present themselves.

TIMING: We will debut the advertising campaign during our Mosquito Awareness Week in April to kick off the season and we will seek as much value-added support from our media partners during this time. The primary campaign will launch at the end of May as we lead into the Memorial Day holiday. As we know, Memorial Day is recognized as the season’s first major weekend when people are enjoying the outdoors, and messages will focus on the use of repellent for personal protection and that it is the time to be most cognizant of mosquito prevention.

Beginning in mid-June, when the weather starts to get warm and virus activity increases, the campaign weight and the core messaging will increase. Television, radio, and outdoor schedules will start more deliberately and then build in reach and frequency as the summer heats up.

July, August, and September are the hottest months when virus activity typically peaks. The campaign will continue to build through these months and extend longer into October to account for the detection of invasive mosquitoes.

Heavier messaging will purposely occur around the Fourth of July Holiday, National Night Out, and through Labor Day.

As part of our paid advertising negotiations, we also obtain a high amount of free public service announcements and bonus coverage that includes the opportunity to appear in various Public Affairs Shows. These shows are hosted by several different stations, and we use these shows to disseminate more in depth information. Media partners also distribute our materials and repellent at many of their station's promotional events and community appearances and more of that is planned again this year. The paid campaign will also be supported by press releases and the free news coverage they help us to generate.

Recommendation:

Approve the 2022 Advertising Plan not to exceed \$345,000.

Sacramento-Yolo Mosquito and Vector Control District

February 15, 2022 Board Meeting

5. Board Review and Consideration of Aerial Larviciding Contract

Staff Report:

The District's contract for aerial larvicide work expired at the end of 2021. In preparation for the upcoming year, the District searched for other companies that might be able to provide the necessary components of a comprehensive aerial larvicide program. The District initially received proposals from two vendors but one had to rescind their proposal due to logistical reasons. The District currently has a proposal from Farm Air to continue the larviciding work. They have been the provider of these services for the District for a number of years with the primary work being completed over rural/agricultural areas of Sacramento and Yolo Counties.

Staff finds Farm Air to be very responsive and flexible to the District's mission to protect public health. The District signed a single season agreement with Farm Air in 2021 and is currently looking to get Board approval for a two year term. Staff has included a letter from Farm Air detailing their desire to stay at the \$1450 per hour price and an inclusion of a fuel surcharge should their operational costs increase.

Recommendation:

Authorize staff to enter a Two-Year Contract for Aerial Larviciding with Farm Air

ATTN: Sacramento Yolo Mosquito & Vector Control

Re: Farm Air Flying Service Proposal - December 8, 2021

Farm Air is interested in renewing the Sacramento Yolo Mosquito & Vector Control Aerial Application Contract for a two-year term, effective January 1, 2022 through December 31, 2023.

Our Bid is as follows:

- Hourly larvicide rate \$1450
- Fuel surcharge will be: For every .11 cents above \$2.00 a gallon, a surcharge of 1% (ex: fuel= \$2.22 per gallon, 2% of \$1450 additional= total \$1479)
- Farm Air will be able to apply at 2.5lbs to 10 lbs. per acre for necessary material and can apply/begin that rate for the 2022 rice season.
- Farm Air will be able to apply liquid rates of 3fl oz. to 16fl oz. per acre for necessary material and can apply/begin that rate for the 2022 rice season.

We no longer have the 3% discount for the early fifteen-day payment, but we do have a 3% discount on all pre-payments, received by the 15th of March.

We will continue to accept deliveries, offload and manage the delivery of all materials used by the district. We provide a secure, dedicated storage area for the product and manage and file the monthly Pesticide Use Reports. We will continue to have a successful relationship with your staff.

Farm Air would love to continue to provide successful applications with SYMVC and would appreciate your support in accepting our proposal for the 2022-2023 term, given our history and longstanding relationship.

Thank you for your time!

Justin Staas
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Sacramento, CA 95836
916-922-9063 Office
530-301-5353 Cell