



Mosquito and Vector Management District of Santa Barbara County

Environmental Management of Human Disease Vectors

TRUSTEES:

President Ronald Hurd, City of Carpinteria
Secretary Adam Lambert, Santa Barbara County
Craig Geyer, City of Goleta
Bob Williams, Santa Barbara County

Vice-President Teri Jory, City of Santa Barbara
Charles Blair, Santa Barbara County
Cathy Schlottmann, Santa Barbara County
Patty DeDominic, Santa Barbara County

Persons with disabilities who require any disability-related modification or accommodation, including auxiliary aids or services, in order to participate in the meeting are asked to contact the District's General Manager at least three (3) days prior to the meeting by telephone at (805) 969-5050 or by email at gm@mvmdistrict.org.

Any public records which are distributed less than 72 hours prior to this meeting to all, or a majority of all, of the District's Board members in connection with any agenda item (other than closed sessions) will be available for public inspection at the time of such distribution at the District's office located at 2450 Lillie Avenue, Summerland, CA 93067.

REGULAR MEETING OF THE BOARD OF TRUSTEES

DUE TO STATEWIDE COVID-19 SHELTER-IN-PLACE ORDERS FROM THE GOVERNOR'S OFFICE AND SOCIAL DISTANCING GUIDELINES, THE BOARD MEETING WILL NOT BE HELD AT THE REGULAR MEETING PLACE AT THE HOPE SCHOOL BOARD ROOM. INSTEAD, THE MEETING WILL BE HELD BY REMOTE CONFERENCING. MEMBERS OF THE PUBLIC WHO WISH TO OBSERVE THE MEETING AND OFFER PUBLIC COMMENT AND PERSONS WITH A DISABILITY WHO REQUIRE REASONABLE MODIFICATION OR ACCOMMODATION TO OBSERVE THE MEETING AND OFFER PUBLIC COMMENT SHOULD CONTACT THE MOSQUITO & VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY OFFICE AT 805-969-5050 OR EMAIL AT INFO@MVMDISTRICT.ORG FOR INSTRUCTIONS ON HOW TO ACCESS THE MEETING.

NOVEMBER 12, 2020, 2:00 PM

AGENDA

1. ROLL CALL

2. CONFIRMATION OF AGENDA

3. STAFF ANNOUNCEMENTS regarding District business

- A. In Remembrance of Dr. William (Bill Walton), 2018 President of the American Mosquito Control Association, Professor of Entomology at the University of California, Riverside and renowned mosquito researcher. (Page 3)
- B. Reminder to reapply for Trustee Appointments

4. CORRESPONDENCE

5. PUBLIC COMMENT. Time reserved for the public to address the Board of Trustees relative to matters of District business not on the agenda. Comment time regarding specific agenda items will be available during consideration of the particular agenda items.

6. ITEMS OF GENERAL CONSENT. The following items can be approved by a single action of the Board. Items requiring additional discussion may be withdrawn from the listing and addressed in separate actions. (See attachments for each.)

- A. Approval of the Minutes of the October 8, 2020 regular meeting (Page 5)
- B. Approval of the October Financial Statements for County Fund 4160 (Page 8)
- C. Approval of the October Disbursement Report (Page 13)
- D. Approval of the October Disease Surveillance Report (Page 20)
- E. Approval of the October District Operations Report (Page 23)

7. OLD BUSINESS. The Board will discuss and may take action on the following items:

- A. Accounts receivable contracts' status (5909 Misc. Revenue) (Page 24)
- B. Invasive Aedes in Santa Barbara County (Page 25)
- C. Update on Building Inspection. (Page 29)

8. NEW BUSINESS. The Board will discuss and may take action on the following items:

- A. Recognition for Staff.
- B. Mosquito pool sample tests positive for West Nile Virus. (Page 30)

9. GENERAL MANAGER'S REPORT (Page 34)

10. BOARD ANNOUNCEMENTS

11. ADJOURNMENT (Next scheduled meeting: 2:00 PM; Thursday, December 10, 2020)



Dear AMCA members:

It is with heaviest of hearts that I inform you that this weekend our industry suffered a terrible loss. Our very own Dr. William (Bill) Walton, AMCA Past President, passed away after a short battle with lymphoma.

Over his more than forty-year career, Dr. Walton provided extensive service to the mosquito control industry and the association itself. Whether through his published research, academic pursuits, the students he taught, his leadership in our organization and others, and the friendship he provided to many throughout the field. His vast contributions and legacy will continue to live on, and I ask that you not mourn his loss, but celebrate his accomplishments.

On behalf of the AMCA leadership I wanted to express our condolences to his family and the many of you who have had the opportunity to know him. Please keep his wife, Dr. Peggy Walton, and his son Mr. Tyler Walton in your thoughts.

On a professional level, I'm sure many of you are aware of Bill's many contributions to entomology; mosquito biology and control; mentorship of many successful students, colleagues, and employees; and vast service to the industry. Not only was he one of the best AMCA Presidents that I have had the pleasure of knowing, he was also heavily involved in the Society of Vector Ecology, the Mosquito and Vector Control Association of California, the Entomological Society of America, and many other local, regional, and national associations. He also served as the Co-Chair of the Pacific Southwest Center of Excellence and understood the importance and necessity of investing in training the next generation of our students and public health stewards. His greatest academic contributions were perhaps in the fields of semiochemicals released by predators (both fish and other insects) of mosquitoes that may deter oviposition; investigation of many biopesticides as mosquito control agents, often in collaboration with local mosquito and vector control districts; surveillance and control of various mosquito species, with recent emphasis on invasive *Aedes* mosquitoes; and wetlands research with emphasis on management strategies. In fact, Bill was most recently working on a special journal issue dedicated to "Mosquito Control in Wetlands". I hope that publication continues and will serve as yet another reminder to honor Bill's life work.

On a personal level, Bill was not only a wealth of knowledge, but he never had anything bad to say about anyone. You could not even drag that out of him if you tried. Always professional, personable, humble, and conducted himself with the utmost decorum. He was one of the rare human beings that I am glad I made contact with and got to know. He made me better. I know he did the same for many of you. Some of you may not know, but just like the other famous Bill Walton, he was also a Dead Head and enjoyed good jam music. In recent months, he even used the below Grateful Dead logo as his personal profile photo on many aps. The logo is a take off of the song "Touch of Grey" highlighting that we will survive, we will get by. I will leave you with additional lyrics from one of Bill's other favorite songs from "Brokedown Palace", I hope you have an opportunity to listen to this song and reminisce about Bill's life and how he impacted you:

In a bed, in a bed,

By the waterside I will lay my head.

Listen to the river sing sweet songs,

To rock my soul...

We hope you will join us in keeping his family in your thoughts during this time.

Sincerely,

Ary Faraji, PhD
AMCA President



**MOSQUITO AND VECTOR MANAGEMENT DISTRICT
of Santa Barbara County
MINUTES OF REGULAR MEETING OF TRUSTEES
October 8th, 2020**

The regular meeting of the Board of Trustees of the Mosquito and Vector Management District of Santa Barbara County was held at 2:00 PM, on Thursday, October 8th, 2020 via teleconference as allowed by State of California Executive Order N-29-20.

1. ROLL CALL.

TRUSTEES PRESENT:

President Ron Hurd
Vice-President Teri Jory (joined during discussion of Item 8A)
Secretary Adam Lambert
Trustee Robert Williams
Trustee Charlie Blair
Trustee Cathy Schlottmann
Trustee Patty DeDominic
Trustee Craig Geyer

TRUSTEES ABSENT:

None.

IN ATTENDANCE:

Brian Cabrera, General Manager
Jessica Sprigg, Administrative Assistant
Carrie Troup, CPA
Ira Summer, GovInvest
A.J. Gilosa, GovInvest

2. CONFIRMATION OF AGENDA

-It was requested that Item 8A be discussed following Public Comment.

3. STAFF ANNOUNCEMENTS regarding District business.

-None.

4. CORRESPONDENCE

A. Redevelopment Property Tax Trust Fund Allocations Report and Recognized Obligation Payment Schedule (ROPS) Redevelopment Property Tax Trust Fund (RPTTF) Distributions

-Board discussed the dissolution of Redevelopment Districts.

5. PUBLIC COMMENT –

-None.

8. NEW BUSINESS

A. Presentation by GovInvest on OPEB analysis

-Representatives from GovInvest gave a presentation about the services that their organization offers. Key points were the way in which they would assist the District with a strategy for building a funding policy and the pros and cons of pre-funding post employment benefits. It was the consensus of the Board that their services are not needed at this time.

6. ITEMS OF GENERAL CONSENT. The following items are approved by a single action of the Board. Items requiring additional discussion may be withdrawn from the listing and approved in a separate action.

- A. Approval of the Minutes of the September 10, 2020 regular meeting
- B. Approval of the September Financial Statements for County Fund 4160
- C. Approval of the September Vendor Disbursement Report
- D. Approval of the September Disease Surveillance Report
- E. Approval of the September District Operations Report

-It was moved by Trustee Schlottmann and seconded by Trustee Williams to approve the Items of General Consent following discussion. Carrie Troup provided an overview of the financial statements. Twenty-five percent of the fiscal year has elapsed and the line item for salaries and benefits is at eighteen percent. Motion to approve Items of General Consent passed 8-0-0 by roll call vote.

7. OLD BUSINESS

- A. Accounts receivable contracts' status (5909 Misc. Revenue)

-The County of San Luis Obispo no longer has funding available for the District to perform mosquito surveillance. It was moved by Trustee Geyer to provide a 30-day notice of termination of the District's contract with them. Seconded by Trustee Williams and passed 8-0-0 by roll call vote.

- B. Discuss Public Agency Retirement System (PARS) as an option for funding other postemployment benefits (OPEB).

-Board discussed options for funding OPEB benefits. It was moved by Trustee Schlottmann to sign up with PARS and invest five-thousand dollars per month into the second lowest risk investment strategy until June 30, 2021 and analyze the performance of the fund at that time. Seconded by Trustee Jori and passed 7-0-1 by roll call vote (with Trustee Geyer absent).

8. NEW BUSINESS

- A. Presentation by GovInvest on OPEB analysis

-Discussion occurred following Public Comment.

- B. Invasive Aedes in Santa Barbara County

-A specimen collected from a resident near the intersection of Foothill and La Cumbre Roads. Technicians have been canvassing the area and GM Cabrera was interviewed by the News Press and has informed various county officials of the detection. Several types of traps have been deployed in the area such as BG Sentinels, EVS traps, gravid traps and ovicups.

9. MANAGER'S REPORT

-Staff viewed many webinars in September.

-A routine property appraisal was performed by a representative of the VCJPA.

-The annual audit will be performed on October 21st.

10. BOARD ANNOUNCEMENTS

-Trustee Blair announced that Joseph Holland from the County Elections Office will be the speaker during the SBCCSDA meeting on the 26th.

-Trustee Lambert announced that Governor Newsom signed a bill which bans anticoagulant rodenticide.

11. ADJOURNMENT

As there was no further business to be brought before the Board, the meeting was adjourned.

I certify that the above minutes substantially reflect the actions of the Board:

BY:

APPROVED:

Ron Hurd
Board President

Adam Lambert
Board Secretary

Financial Status

As of: 10/31/2020 (34% Elapsed)
Accounting Period: CLOSED

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Line Item Account	6/30/2021 Fiscal Year Adjusted Budget	10/31/2020 Year-To-Date Actual	6/30/2021 Fiscal Year Variance	6/30/2021 Fiscal Year Pct of Budget
Revenues				
Taxes				
3010 -- Property Tax-Current Secured	434,000.00	-1,705.09	-435,705.09	-0.39 %
3011 -- Property Tax-Unitary	6,200.00	0.00	-6,200.00	0.00 %
3015 -- PT PY Corr/Escapes Secured	0.00	-170.06	-170.06	--
3020 -- Property Tax-Current Unsecd	18,500.00	16,929.26	-1,570.74	91.51 %
3023 -- PT PY Corr/Escapes Unsecured	0.00	31.38	31.38	--
3028 -- RDA Pass-through Payments	3,000.00	0.00	-3,000.00	0.00 %
3029 -- RDA RPTTF Resid Distributions	5,000.00	0.00	-5,000.00	0.00 %
3040 -- Property Tax-Prior Secured	0.00	-23.47	-23.47	--
3050 -- Property Tax-Prior Unsecured	2,300.00	13.52	-2,286.48	0.59 %
3054 -- Supplemental Pty Tax-Current	8,000.00	1,075.98	-6,924.02	13.45 %
3056 -- Supplemental Pty Tax-Prior	200.00	-0.93	-200.93	-0.47 %
Taxes	477,200.00	16,150.59	-461,049.41	3.38 %
Fines, Forfeitures, and Penalties				
3057 -- PT-506 Int, 480 CIOS/CIC Pen	0.00	4.92	4.92	--
Fines, Forfeitures, and Penalties	0.00	4.92	4.92	--
Use of Money and Property				
3380 -- Interest Income	13,000.00	2,382.82	-10,617.18	18.33 %
3381 -- Unrealized Gain/Loss Invstmnts	-8,222.00	-4,221.13	4,000.87	51.34 %
Use of Money and Property	4,778.00	-1,838.31	-6,616.31	-38.47 %
Intergovernmental Revenue-State				
4220 -- Homeowners Property Tax Relief	2,000.00	0.00	-2,000.00	0.00 %
Intergovernmental Revenue-State	2,000.00	0.00	-2,000.00	0.00 %
Intergovernmental Revenue-Other				
4840 -- Other Governmental Agencies	12,000.00	0.00	-12,000.00	0.00 %

Financial Status

As of: 10/31/2020 (34% Elapsed)
Accounting Period: CLOSED

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Line Item Account	6/30/2021 Fiscal Year Adjusted Budget	10/31/2020 Year-To-Date Actual	6/30/2021 Fiscal Year Variance	6/30/2021 Fiscal Year Pct of Budget
Intergovernmental Revenue-Other	12,000.00	0.00	-12,000.00	0.00 %
Charges for Services				
4877 -- Other Special Assessments	633,929.00	-2,722.53	-636,651.53	-0.43 %
Charges for Services	633,929.00	-2,722.53	-636,651.53	-0.43 %
Miscellaneous Revenue				
5891 -- Refunds/Repayments	0.00	23,584.68	23,584.68	--
5909 -- Other Miscellaneous Revenue	110,000.00	10,969.59	-99,030.41	9.97 %
Miscellaneous Revenue	110,000.00	34,554.27	-75,445.73	31.41 %
Revenues	1,239,907.00	46,148.94	-1,193,758.06	3.72 %
Expenditures				
Salaries and Employee Benefits				
6100 -- Regular Salaries	470,000.00	134,726.99	335,273.01	28.67 %
6210 -- Commissioner/Director/Trustee	10,000.00	3,200.00	6,800.00	32.00 %
6400 -- Retirement Contribution	166,850.00	46,135.65	120,714.35	27.65 %
6475 -- Retiree Medical OPEB	25,300.00	6,559.53	18,740.47	25.93 %
6500 -- FICA Contribution	29,140.00	8,556.91	20,583.09	29.36 %
6550 -- FICA/Medicare	6,900.00	2,001.22	4,898.78	29.00 %
6600 -- Health Insurance Contrib	145,000.00	45,080.72	99,919.28	31.09 %
6700 -- Unemployment Ins Contribution	3,500.00	73.60	3,426.40	2.10 %
6900 -- Workers Compensation	22,000.00	20,206.00	1,794.00	91.85 %
Salaries and Employee Benefits	878,690.00	266,540.62	612,149.38	30.33 %
Services and Supplies				
7030 -- Clothing and Personal	6,700.00	2,562.10	4,137.90	38.24 %
7050 -- Communications	6,800.00	1,792.52	5,007.48	26.36 %
7070 -- Household Supplies	3,000.00	1,099.00	1,901.00	36.63 %
7090 -- Insurance	18,000.00	17,075.80	924.20	94.87 %

Financial Status

As of: 10/31/2020 (34% Elapsed)
Accounting Period: CLOSED

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Line Item Account	6/30/2021 Fiscal Year Adjusted Budget	10/31/2020 Year-To-Date Actual	6/30/2021 Fiscal Year Variance	6/30/2021 Fiscal Year Pct of Budget
7120 -- Equipment Maintenance	6,800.00	309.99	6,490.01	4.56 %
7121 -- Operating Supplies	8,500.00	3,415.43	5,084.57	40.18 %
7124 -- IT Software Maintenance	11,000.00	1,164.99	9,835.01	10.59 %
7200 -- Structure & Ground Maintenance	4,000.00	253.62	3,746.38	6.34 %
7430 -- Memberships	16,000.00	16,259.00	-259.00	101.62 %
7450 -- Office Expense	5,000.00	2,156.49	2,843.51	43.13 %
7460 -- Professional & Special Service	63,000.00	19,957.50	43,042.50	31.68 %
7508 -- Legal Fees	15,000.00	3,289.50	11,710.50	21.93 %
7546 -- Administrative Expense	8,000.00	300.00	7,700.00	3.75 %
7650 -- Special Departmental Expense	80,000.00	7,465.48	72,534.52	9.33 %
7653 -- Training Fees & Supplies	5,000.00	53.00	4,947.00	1.06 %
7730 -- Transportation and Travel	5,000.00	151.37	4,848.63	3.03 %
7731 -- Gasoline-Oil-Fuel	9,500.00	2,785.44	6,714.56	29.32 %
7760 -- Utilities	4,800.00	1,428.52	3,371.48	29.76 %
Services and Supplies	276,100.00	81,519.75	194,580.25	29.53 %
Other Charges				
7860 -- Contrib To Other Agencies	52,000.00	18,296.00	33,704.00	35.18 %
Other Charges	52,000.00	18,296.00	33,704.00	35.18 %
Capital Assets				
8200 -- Structures&Struct Improvements	8,200.00	0.00	8,200.00	0.00 %
8300 -- Equipment	80,000.00	31,031.16	48,968.84	38.79 %
Capital Assets	88,200.00	31,031.16	57,168.84	35.18 %
Expenditures	1,294,990.00	397,387.53	897,602.47	30.69 %
Other Financing Sources & Uses				
Other Financing Sources				
5911 -- Oper Trf (In)-Other Funds	88,200.00	0.00	-88,200.00	0.00 %

Financial Status

As of: 10/31/2020 (34% Elapsed)
Accounting Period: CLOSED

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, LineItemAccount; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Line Item Account	6/30/2021 Fiscal Year Adjusted Budget	10/31/2020 Year-To-Date Actual	6/30/2021 Fiscal Year Variance	6/30/2021 Fiscal Year Pct of Budget
Other Financing Sources	88,200.00	0.00	-88,200.00	0.00 %
Other Financing Uses				
7901 -- Oper Trf (Out)	37,339.00	0.00	37,339.00	0.00 %
Other Financing Uses	37,339.00	0.00	37,339.00	0.00 %
Other Financing Sources & Uses	50,861.00	0.00	-50,861.00	0.00 %
Changes to Fund Balances				
Decrease to Restricted				
9797 -- Unrealized Gains	4,222.00	4,221.13	-0.87	99.98 %
Decrease to Restricted	4,222.00	4,221.13	-0.87	99.98 %
Changes to Fund Balances	4,222.00	4,221.13	-0.87	99.98 %
Mosquito & Vector Mgt District	0.00	-347,017.46	-347,017.46	--
Net Financial Impact	0.00	-347,017.46	-347,017.46	--

Cash Balances

As of: 10/31/2020
Accounting Period: CLOSED

Selection Criteria: Fund = 4160-4161

Layout Options: Summarized By = Fund; Page Break At = Fund

Fund	10/1/2020 Beginning Balance	Month-To-Date Cash Receipts (+)	Month-To-Date Treasury Credits (+)	Month-To-Date Warrants and Wire Transfers (-)	Month-To-Date Treasury Debits (-)	10/31/2020 Ending Balance
4160 -- Mosquito & Vector Mgt District	1,190,089.98	0.00	19,409.06	33,623.15	49,717.32	1,126,158.57
4161 -- SB Vector-Cap Asset Reserve	607,438.50	0.00	1,122.72	0.00	0.00	608,561.22
Total Report	1,797,528.48	0.00	20,531.78	33,623.15	49,717.32	1,734,719.79

Vendor Disbursements

From 10/1/2020 to 10/31/2020

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, Vendor; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Disbursement	Disbursement Date	Dept	Purchase Order	Remit Description	Amount
Vendor 005979 -- CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM					
W - 09754638	10/14/2020	880			4,574.00
Total CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM					4,574.00
Vendor 006215 -- US BANK CORPORATE PAYMENT SYSTEM					
ACH - 694501	10/01/2020	880		Vendor Account:	1,019.68
Total US BANK CORPORATE PAYMENT SYSTEM					1,019.68
Vendor 009136 -- TECHEASE COMPUTER SOLUTIONS LLC					
W - 09755382	10/30/2020	880		Vendor Invoice #: 41195	70.00
W - 09755382	10/30/2020	880		Vendor Invoice #: 41180	140.00
Total TECHEASE COMPUTER SOLUTIONS LLC					210.00
Vendor 010421 -- CLARKE MOSQUITO CONTROL					
W - 09754803	10/20/2020	880		Vendor Invoice #: 5093174; Vendor Account:	1,733.52
Total CLARKE MOSQUITO CONTROL					1,733.52
Vendor 017364 -- SINTON HELICOPTERS					
W - 09754529	10/13/2020	880		Vendor Invoice #: 8809	3,750.00
Total SINTON HELICOPTERS					3,750.00
Vendor 035612 -- TOTAL COMPENSATION SYSTEMS INC					
W - 09754205	10/05/2020	880		Vendor Invoice #: 8534	1,350.00
Total TOTAL COMPENSATION SYSTEMS INC					1,350.00
Vendor 050379 -- ADP INC					
EFT	10/09/2020	880		Vendor Invoice #: 565571927	424.70
Total ADP INC					424.70
Vendor 086415 -- CITY EMPLOYEES ASSOC LLC					
ACH - 695843	10/14/2020	880		UNION DUES	48.00
ACH - 697607	10/29/2020	880		UNION DUES	48.00
Total CITY EMPLOYEES ASSOC LLC					96.00

Vendor Disbursements

From 10/1/2020 to 10/31/2020

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, Vendor; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Disbursement	Disbursement Date	Dept	Purchase Order	Remit Description	Amount
Vendor 101532 -- STREAMLINE					
W - 09755153	10/27/2020	880		Vendor Invoice #: 107274	200.00
Total STREAMLINE					200.00
Vendor 119046 -- NATIONAL AUTO FLEET GROUP					
ACH - 697810	10/30/2020	880	041020BC01	Vendor Invoice #: WF339	31,031.16
Total NATIONAL AUTO FLEET GROUP					31,031.16
Vendor 124857 -- CALPERS SOCIAL SECURITY ADMINISTRATION					
ACH - 697478	10/28/2020	880		Vendor Invoice #: 100000016195436; Vendor Account:	3,861.00
Total CALPERS SOCIAL SECURITY ADMINISTRATION					3,861.00
Vendor 132153 -- MVCAC MOSQUITO & VECTOR CONTROL ASSOC OF CA					
W - 09755092	10/26/2020	880		Vendor Invoice #: 7363034	1,848.00
Total MVCAC MOSQUITO & VECTOR CONTROL ASSOC OF CA					1,848.00
Vendor 134673 -- CALIFORNIA SPECIAL DISTRICTS ASSOCIATION					
ACH - 697820	10/30/2020	880		Vendor Account:	3,861.00
Total CALIFORNIA SPECIAL DISTRICTS ASSOCIATION					3,861.00
Vendor 194683 -- Allied Administrators for Delta Dental					
ACH - 695472	10/09/2020	880		971.74	971.74
Total Allied Administrators for Delta Dental					971.74
Vendor 244645 -- AFLAC					
W - 09755420	10/30/2020	880		Vendor Invoice #: 942967; Vendor Account:	226.44
Total AFLAC					226.44
Vendor 246891 -- MISSION LINEN SUPPLY					
ACH - 695266	10/07/2020	880		Vendor Account:	456.57
Total MISSION LINEN SUPPLY					456.57
Vendor 275268 -- FEDEX					
ACH - 695270	10/07/2020	880		Vendor Invoice #: 7-133-31591; Vendor Account:	120.23

Vendor Disbursements

From 10/1/2020 to 10/31/2020

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, Vendor; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Disbursement	Disbursement Date	Dept	Purchase Order	Remit Description	Amount
				Total FEDEX	120.23
Vendor 346888 -- CARRIE TROUP CPA					
ACH - 697330	10/27/2020	880		Vendor Invoice #: 0920V	2,325.00
				Total CARRIE TROUP CPA	2,325.00
Vendor 522736 -- McCormix Corporation					
ACH - 695084	10/06/2020	880		Vendor Account:	2,121.96
				Total McCormix Corporation	2,121.96
Vendor 522794 -- ROCKWELL PRINTING					
W - 09755180	10/27/2020	880		Vendor Invoice #: 36690	400.31
W - 09755426	10/30/2020	880		Vendor Invoice #: 36746	331.41
				Total ROCKWELL PRINTING	731.72
Vendor 556712 -- MONTECITO WATER DISTRICT					
ACH - 697856	10/30/2020	880		Vendor Account:	59.98
				Total MONTECITO WATER DISTRICT	59.98
Vendor 648390 -- CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM					
ACH - 697371	10/27/2020	880		Vendor Invoice #: 100000016201706; Vendor Account:	11,854.49
				Total CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM	11,854.49
Vendor 651000 -- QUILL CORP					
W - 09755434	10/30/2020	880		Vendor Invoice #: 10713845; Vendor Account:	564.75
				Total QUILL CORP	564.75
Vendor 710175 -- STATE/FEDERAL TAXES & DIRECT DEPOSITS					
EFT	10/08/2020	880		Vendor Account:	6,180.60
EFT	10/22/2020	880		Vendor Account:	7,017.85
				Total STATE/FEDERAL TAXES & DIRECT DEPOSITS	33,198.45

Vendor Disbursements

From 10/1/2020 to 10/31/2020

Selection Criteria: Fund = 4160

Layout Options: Summarized By = Fund, Vendor; Page Break At = Fund

Fund 4160 -- Mosquito & Vector Mgt District

Disbursement	Disbursement Date	Dept	Purchase Order	Remit Description	Amount
Vendor 740582 -- BIG GREEN CLEANING COMPANY					
ACH - 697378	10/27/2020	880		Vendor Invoice #: 564338; Vendor Account: VE603	241.00
				Total BIG GREEN CLEANING COMPANY	241.00
Vendor 767200 -- SOUTHERN CALIFORNIA EDISON					
ACH - 696542	10/20/2020	880		Vendor Account:	84.45 84.45
				Total SOUTHERN CALIFORNIA EDISON	184.45
Vendor 767800 -- THE GAS COMPANY					
ACH - 696392	10/19/2020	880		Vendor Account:	20.74 20.74
				Total THE GAS COMPANY	20.74
Vendor 776537 -- COX COMMUNICATIONS - BUSINESS					
ACH - 696724	10/21/2020	880		Vendor Account:	430.12 430.12
				Total COX COMMUNICATIONS - BUSINESS	430.12
Vendor 855111 -- Vision Service Plan-CA					
ACH - 695116	10/06/2020	880		Vendor Account:	95.18 95.18
ACH - 697957	10/30/2020	880		Vendor Invoice #: 810709447; Vendor Account:	95.18 95.18
Á				Total Vision Service Plan-CA	390.36
				Total Mosquito & Vector Mgt District	104,296.06

P.O. BOX 6343
FARGO ND 58125-6343



ACCOUNT NUMBER _____
STATEMENT DATE 10-22-2020
AMOUNT DUE \$1,349.28
NEW BALANCE \$1,349.28

PAYMENT DUE ON RECEIPT



000001835 01 SP 0.560 106481252054712 P
MVM DISTRICT
ATTN BRIAN CARERA
PO BOX 1389
2450 LILLIE AVE
SUMMERLAND CA 93067-1389

AMOUNT ENCLOSED
\$

Please make check payable to "U.S. Bank"

U.S. BANK CORPORATE PAYMENT SYSTEMS
P.O. BOX 790428
ST. LOUIS, MO 63179-0428

Please tear payment coupon at perforation.

CORPORATE ACCOUNT SUMMARY									
MVM DISTRICT	Previous Balance	Purchases And Other + Charges	Cash Advances +	Cash Advance Fees +	Late Payment Charges	- Credits	- Payments	= New Balance	
Company Total	\$1,019.68	\$1,349.28	\$0.00	\$0.00	\$0.00	\$0.00	\$1,019.68	\$1,349.28	

CORPORATE ACCOUNT ACTIVITY					
MVM DISTRICT					TOTAL CORPORATE ACTIVITY
					\$1,019.68 CR
Post Date	Tran Date	Reference Number	Transaction Description		Amount
10-02	10-02	7479826027600000000024	PAYMENT - 694501 00000 A		1,019.68 PY

NEW ACTIVITY					
VESNA IBARRA		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
		\$0.00	\$146.80	\$0.00	\$146.80
Post Date	Tran Date	Reference Number	Transaction Description		Amount
09-30	09-29	24765010274091003999655	MINER'S ACE HARDWARE GOLETA CA		66.75
10-19	10-15	24269790290500567503628	SANTA BARBARA MOTOR SP GOLETA CA		14.00
10-19	10-16	24755420290272906288171	FAST LANE 2015 SANTA BARBARA CA		66.05

CUSTOMER SERVICE CALL 800-344-5696	ACCOUNT NUMBER		ACCOUNT SUMMARY	
	STATEMENT DATE 10/22/20	DISPUTED AMOUNT .00	PREVIOUS BALANCE	1,019.68
AMOUNT DUE 1,349.28		PURCHASES & OTHER CHARGES	1,349.28	
		CASH ADVANCES	.00	
SEND BILLING INQUIRIES TO: U.S. Bank National Association C/O U.S. Bancorp Purchasing Card Program P.O. Box 6335 Fargo, ND 58125-6335		CASH ADVANCE FEES	.00	
		LATE PAYMENT CHARGES	.00	
		CREDITS	.00	
		PAYMENTS	1,019.68	
		ACCOUNT BALANCE	1,349.28	



Company Name: MVM DISTRICT
Corporate Account Number:
Statement Date: 10-22-2020

NEW ACTIVITY					
JESSICA E SPRIGG		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
		\$0.00	\$38.29	\$0.00	\$38.29
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
09-24	09-23	24137460268000985755742	USPS PO 0513320113 CARPINTERIA CA	0.70	
09-29	09-28	24492150272637887069134	OPENSESAME HTTPSOPESENESA OR	14.00	
10-05	10-02	24137460277001176349070	USPS PO 0513320113 CARPINTERIA CA	1.40	
10-12	10-09	24137460284001191582284	USPS PO 0513320113 CARPINTERIA CA	6.95	
10-19	10-16	24231680291837001073744	ALBERTSONS #0355 CARPINTERIA CA	15.24	
ROBBY R SHARP		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
		\$0.00	\$237.03	\$0.00	\$237.03
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
09-24	09-23	24231680268837000538282	SMART AND FINAL 391 SANTA BARBARA CA	44.84	
10-13	10-12	24040830286900019900081	LA CUMBRE FEED SANTA BARBARA CA	70.00	
10-20	10-19	24040830293900010500246	LA CUMBRE FEED SANTA BARBARA CA	122.19	
KAREN EGFRMAN SCHULTZ		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
		\$0.00	\$768.52	\$0.00	\$768.52
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
09-23	09-22	24231680267837000189392	SMART AND FINAL 914 SANTA BARBARA CA	14.34	
09-24	09-23	24231680268837000386856	SMART AND FINAL 391 SANTA BARBARA CA	43.72	
10-02	10-01	24231680276837000226508	SMART AND FINAL 914 SANTA BARBARA CA	16.74	
10-05	10-02	24692160276100293195178	AMZN MKTP US*MK9TX9ZB2 AMZN.COM/BILL WA	23.00	
10-06	10-05	24445000280000569191608	DOLLARTREE GOLETA CA	10.88	
10-06	10-05	24765010280091004058362	MINER'S ACE HARDWARE GOLETA CA	22.35	
10-07	10-06	24231680281837000307095	SMART AND FINAL 391 SANTA BARBARA CA	45.07	
10-07	10-06	24431060281091933006092	SANTA BARBARA HOME IMP SANTA BARBARA CA	9.09	
10-07	10-05	24692160280100816091825	MICHAELS STORES 9963 GOLETA CA	3.18	
10-12	10-09	24492150284637916954930	SP * WINFIELD UNITED P HTTPSWINFIELD MN	102.96	
10-12	10-09	24692160283100369613139	SQ *KENNEDY'S AUTOMOTIVE SANTA BARBARA CA	69.79	
10-13	10-12	24431050287838001750752	O'REILLY AUTO PARTS 2697 SANTA BARBARA CA	44.49	
10-13	10-12	24765010287091004118276	MINER'S ACE HARDWARE GOLETA CA	10.76	
10-15	10-13	24707800288030035691764	BIOQUIP PRODUCTS INC 310-667-8800 CA	238.40	
10-15	10-13	24707800288030035691772	BIOQUIP PRODUCTS INC 310-667-8800 CA	99.06	
10-16	10-14	24231680289837000192028	SMART AND FINAL 915 CARPENTERIA CA	14.69	
DONALD CRAM		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
		\$0.00	\$143.65	\$0.00	\$143.65
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
09-30	09-29	24040830273900018800014	LA CUMBRE FEED SANTA BARBARA CA	67.80	
10-01	09-30	24692160274100861919597	SQ *KENNEDY'S AUTOMOTIVE SANTA BARBARA CA	75.85	



Company Name: MVM DISTRICT
Corporate Account Number: _____
Statement Date: 10-22-2020

NEW ACTIVITY					
BRIAN J CABRERA		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
		\$0.00	\$14.99	\$0.00	\$14.99
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
10-14	10-13	24493980288026934272241	ZOOM.US 888-799-9666 CA	14.99	

Department: 00000 Total: \$1,349.28
Division: 00000 Total: \$1,349.28



**MOSQUITO and VECTOR MANAGEMENT DISTRICT
of SANTA BARBARA COUNTY**

DISEASE SURVEILLANCE REPORT

October 2020

Live Mosquito-Borne Virus Surveillance

In October, the District shifted surveillance focus to two neighborhoods with confirmed presence of the non-native *Aedes aegypti*. One of the mosquito samples (*Culex quinquefasciatus*) caught in one area tested positive for West Nile virus.

Location	Date	Number of Mosquitoes	Type of Trap	# of Traps	Mosquitoes per Trap Night	Pools Submitted	WSW Virus Test Result
Santa Barbara County							
Lake Los Carneros	9/29-10/2	37	Gravid	3	4.1	3	Negative
Lake Los Carneros	9/29-10/2	0	BGS2	1	0	0	
Crescent Drive	10/1-10/2	3*	CO ₂	3	1	0	
Carpinteria Cemetary	9/16-10/6	2	BGS2	1	0.2	0	
Crescent Drive	10/6-10/7	9	CO ₂	8	1.1	0	
Crescent Drive	10/2-10/7	4	BGS2	7	0.1	0	
Crescent Drive	10/5-10/9	66	Gravid	3	5.5	3	Positive
Sterrett Ave	10/7-10/14	7*	BGS2	3	0.33	0	
Santa Monica Creek	10/14-10/15	37	CO ₂	2	18.5	0	
Santa Monica Creek	10/14-10/16	16	Gravid	1	8	2	Negative
Crescent Drive	10/7-10/16	5*	BGS2	2	0.27	0	
Connie Way	10/8-10/23	0	BGS2	1	0	0	
Lake Los Carneros	10/19-10/23	38	Gravid	3	3.2	2	Negative
Center Ave.	10/1-10/23	2*	BGS2	1	0.09	0	
Aurora Ave.	10/13-10/23	3	BGS2	1	0.3	0	
Calvary Cemetary	10/6-10/23	4	BGS2	1	0.2	0	
Sterrett Ave.	10/14-10/28	7*	BGS2	1	2	0	
UCSB/SB Airport bluffs	10/27-10/28	22	CO ₂	12	1.8	2	Negative
Calle Cita	10/9-10/28	0	BGS2	1	0	0	
Chino Street	10/23-10/29	4*	BG AGO	2	0.67	0	
Crescent Drive	10/29-10/30	9	CO ₂	6	1.5	1	Negative
Center Ave.	10/29-10/30	35	CO ₂	3	11.7	2	Negative
Crescent Drive	10/27-10/31	67	Gravid	2	8.4	9	Negative
Center Ave.	10/27-10/31	14	Gravid	1	3.5	3	Negative

**Aedes aegypti* present

WSW=WNV, SLEV, AND WEE

West Nile Virus Activity

A mosquito pool caught in a gravid trap in the Crescent Drive area tested positive for West Nile virus; the sample consisted of 47 female *Culex quinquefasciatus*. This is Santa Barbara County's first positive result for West Nile virus since 2017. Fifteen (15) pools from the area tested negative the following week. WNV pamphlets were distributed in the neighborhood. Following the District's press release, nine dead birds were reported by members of the public. Two crows were accepted for testing, and results are pending.

This October, the number of reported cases of human infection with WNV in 2020 in California has increased from 91 to 155. There have been seven fatalities in California this year.

In California, 75 birds tested positive for WNV, bringing the 2020 total to 336. A total of 2,617 positive mosquito pools were reported from 28 counties this year; this time last year, there were 3,269 positive pools from 25 counties.

St. Louis Encephalitis Virus Activity

Three human SLEV infections have been reported this year from Fresno, Madera, and San Joaquin Counties. In 2020, 509 positive mosquito pools have been reported from nine counties.

Zika Virus and Invasive *Aedes* Mosquito Update

A resident of the West Side neighborhood in the City of Santa Barbara turned in a mosquito that was identified as *Aedes aegypti*. Technicians distributed pamphlets and set traps in that area as well as the area of the first detection in unincorporated SB County (Hope Avenue area). The District has documented 27 *Aedes aegypti* mosquitoes from eight addresses.

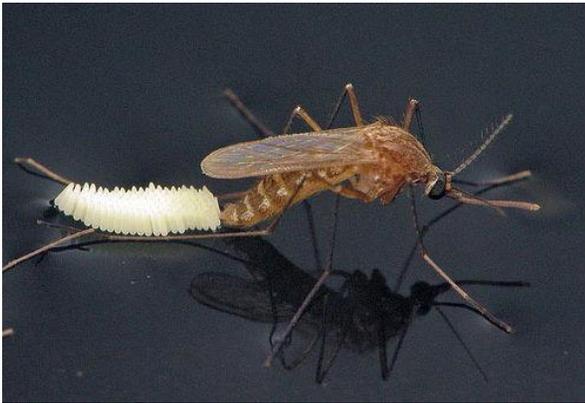
There were no Zika virus infections reported in California in October. Invasive *Aedes* are present in the following 22 counties: Los Angeles, Orange, San Diego, Riverside, San Bernardino, Butte, Imperial, Kern, Kings, Fresno, Madera, Merced, San Joaquin, Placer, Sacramento, **Santa Barbara**, Shasta, Sutter, Stanislaus, Tulare, Ventura, and Yolo.

Western Equine Encephalitis

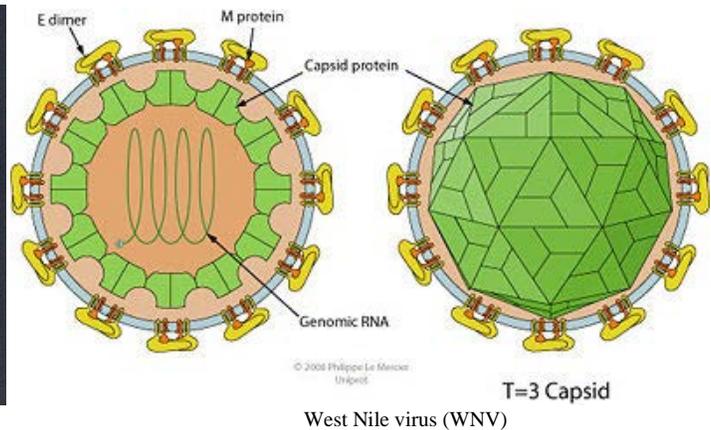
There was no reportable WEE activity in California in October.

Sentinel Chicken Flocks

The District currently maintains four sentinel chicken flocks in Santa Barbara County located at the Goleta Sanitary District, Mission Hills Community Services District, the Solvang City Wastewater Treatment Plant, and the U.S. Forest Service Fire Station in Carpinteria. Blood samples were collected from these chickens during the weeks of October 12 and October 26, and all tested negative for the presence of WNV, SLEV, and WEE. In California in 2020, 138 sentinel chickens from 16 California counties have tested positive for WNV.



Culex quinquefasciatus, Southern house mosquito



© 2008 Philippe Le Mercier
Université
T=3 Capsid
West Nile virus (WNV)

West Nile Virus Vectored by *Culex quinquefasciatus*

West Nile virus was discovered in Uganda in 1937 and arrived in New York in 1999. It first reached California in 2003, and by the end of 2004, it had been detected in every California county. Since 2003 in California, there have been over 7,000 human cases, and more than 300 have been fatal. Only about 20 percent of infected humans show symptoms; these include fever, headache, body ache, and swollen lymph nodes. Severe infections can result in encephalitis, meningitis and comas.

Like Zika, dengue, yellow fever, and hepatitis C, WNV is in the family Flaviviridae. Flaviviruses consist of an RNA genome, surrounded by a protein capsid, inside a lipid envelope, covered with two types of surface proteins. (Coronaviruses are in a different virus family [Coronaviridae]; mosquitoes are not known to vector COVID)

WNV usually circulates between mosquitoes in the genus *Culex* and birds, especially crows and other corvids (blue jays, ravens and magpies). Sometimes infected mosquitoes can vector the virus to other animals, including humans and horses; these animals are “dead end hosts” and can only transmit the virus to others via “fluids,” i.e. blood transfusions or breastfeeding.

In October 2020, a pool of *Culex quinquefasciatus* (AKA the Southern house mosquito) tested positive for West Nile virus in Santa Barbara County. This medium-sized, brown mosquito distinctly **lacks** patterns of scales on its legs and wings. It tends to bite birds and humans at dusk and at night. Eggs and larvae are commonly found in urban runoff, drains, and containers with decomposing plant material.

Mosquito and Vector Management District of Santa Barbara County

Report of District Operations -October 2020

Location	Mosquito					Bees & Wasps			Rats & Mice		Surveillance			Other		Total
	Inspection Hours	Treatment Hours	Service Requests	Fish Requests	Standing Water Reports	Inspection Hours	Treatment Hours	Service Requests	Inspection Hours	Service Requests	WNV Bird	Chickens	Mosquito Pools	Bedbugs	Misc. Requests	Total hours devoted to zone
Goleta	7.0	8.5	1	1					1	1.5	4.5	5.0			26.5	
Goleta Valley	115.5	21.0	2	5	1							66.0		2	202.5	
Rancho Embarcadero	1.0	0.5													1.5	
Isla Vista	1.0									1.5		5.0			7.5	
Hope Ranch	1.5														1.5	
Hidden Valley															0.0	
Santa Barbara area	40.5		6	1		3.5			2.0	2		10.0			56.0	
Mission Canyon				1						1					0.0	
Montecito	2.0			2										1	2.0	
Summerland	3.0								0.5	1					3.5	
Carpinteria	3.0	2.5			1										5.5	
Carpinteria Valley	2.5	3.0	1		1						4.5	3.5			13.5	
Carp Salt Marsh	6.5	4.0													10.5	
Camino Real	1.0														1.0	
Storke Ranch															0.0	
Goleta Sanitary		9.0													9.0	
City of Goleta	1.0	1.0													2.0	
UCSB															0.0	
Santa Barbara Airport	5.0	14.5													19.5	
City of Santa Barbara															0.0	
SoCalGas															0.0	
South County	190.5	64.0	10	10	3	3.5	0.0	0	2.5	5	3.0	9.0	89.5	0	3	362.0
North County	0.5	0.5	1	2					0.5	1		11.0			12.5	
Pismo Beach															0.0	
Oceano Dunes															0.0	
San Luis Obispo															0.0	
SLO County	0.00	0.0	0	0	0	0.0	0.0	0		0	0.0	0.0	0.00	0	0	0.0
Monthly Totals	191.00	64.5	11	12	3	3.5	0.0	0	3.0	6	3.0	20.0	89.50	0	3	374.5
Year to Date	1861.50	572.0	35	61	16	27.0	11.5	19	60.5	27	3.0	359.5	375.00	2	9	

	This Month	Year to Date
Total Inspection Hours	197.5	1949.0
Total Treatment Hours	64.5	583.5
Total Mileage	3,029.0	32,410.0

						November 6, 2020
Account	MOU Maximum	FYE20	FYE19	FYE18	MOU Status	
1 Wynmark	\$ 1,630	\$966.47	\$1,143.53	\$1,365.00	FYE21 Complete	
3 Goleta Sanitary District	\$ 5,425	\$5,174.11	\$3,598.48	\$4,044.15	FYE 21 complete	
4 Goleta, City of	\$ 19,609	\$2,802.59	\$5,217.48	\$2,230.54	FYE21 complete	
5 Oceano Dunes District	\$35,000*	\$14,871.28	\$9,623.00	\$16,261.56	FYE21 complete	
6 Pismo Beach, City of	\$ 16,920	\$4,024.30	\$4,438.80	\$5,037.80	FYE21 complete	
7 Santa Barbara Airport	\$ 80,800	\$68,547.72	\$45,749.85	\$51,443.09	FYE21 Complete	
8 Santa Barbara, City of	\$ 8,798	\$4,591.18	\$5,691.54	\$5,862.67	FYE21 Complete	
9 SoCalGas	\$ 3,100	\$2,410.70	\$525.00	\$1,015.00	FYE21 informal agreement approved by SCG	
10 Cal-Storke, LLC	\$ 2,100	\$1,065.26	\$1,050.00	\$1,540.00	FYE21 complete	
11 UCSB	\$ 41,000	\$35,038.62	\$25,584.03	\$11,439.49	FYE 21 complete	
12 San Luis Obispo, County of	\$ 15,420	\$10,819.61	\$6,489.76	\$7,842.40	SLO County has no budget for FYE21; MVMDSBC elects not to enter into an agreement with SLO Co. for FYE 21	
	\$ 194,802	\$150,311.84	\$109,111.47	\$108,081.70		

	November 6, 2020	Budgeted
FYE 2021	\$50,424.21	\$110,000
FYE 2020	\$ 150,311.84	\$ 105,000
FYE 2019	\$ 109,111.47	\$ 100,000
FYE 2018	\$ 108,081.70	\$ 70,000
FYE 2017	\$ 87,923.06	\$ 105,000
FYE 2016	\$ 58,114.04	\$ 115,000
FYE 2015	\$ 99,346.50	\$ 120,000

BREEDING PREVENTION

Follow these steps to prevent this dangerous mosquito from breeding in your back yard:

- Dump and drain all standing water around your home.
- Scrub the insides of any containers where mosquito larvae have been found. Eggs can survive without water for many months.
- Discard or store inside all unused containers, cans, buckets, or old tires.
- Remove all water dishes from beneath potted plants.
- Drill drain holes in the bottom of all plant pots.
- Water plants at the bottom near the soil, not the top.
- Throw away trash in your yard including wrappers and bags.
- Clean out rain gutters and lawn drains to ensure water does not collect.
- Make sure rain barrels are completely sealed to prevent mosquitoes from entering.
- Empty bird baths and small fountains completely or clean them thoroughly every 3 days.
- Request free mosquito fish from the District.



**REPORT YELLOW FEVER
MOSQUITO SIGHTINGS,
DAYTIME OR INDOOR BITES,
OR BREEDING SOURCES
IMMEDIATELY!**

You and your neighbors will make the difference in the fight to eliminate the yellow fever mosquito from Santa Barbara County and protect our quality of life.



MOSQUITO & VECTOR MANAGEMENT DISTRICT
of Santa Barbara County

2450 Lillie Ave.

P.O. Box 1389

Summerland, CA 93067

(805) 969-5050

info@mvmdistrict.org

Visit our Public Information Website:

www.mvmdistrict.org

INVASIVE SPECIES ALERT

YELLOW FEVER MOSQUITO



TALK TO YOUR NEIGHBORS ABOUT PREVENTING MOSQUITOES FROM BREEDING.

STOP THIS DANGEROUS INVADER FROM CALLING CALIFORNIA HOME.

BACKGROUND

The yellow fever mosquito (*Aedes aegypti*) is originally from sub-Saharan Africa and has spread to other tropical and subtropical regions in the world. This invasive mosquito was first identified in California's Central Valley and Central Coast in June of 2013, and last year in Los Angeles County. The rise in global trade brought the mosquito to areas of the world where the pest didn't previously exist. In California, health officials believe the disease-carrying mosquito arrived as eggs on imported containers. Public health agencies are on high alert and would like your help in detection.

RECOGNIZE THE ENEMY




1/4 Inch

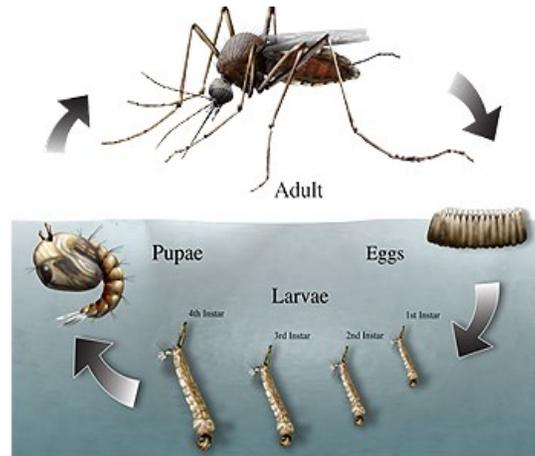
The yellow fever mosquito is very small, measuring just 1/4 inch long. It has a distinctive white lyre mark on its back and white bands on its legs.

The yellow fever mosquito

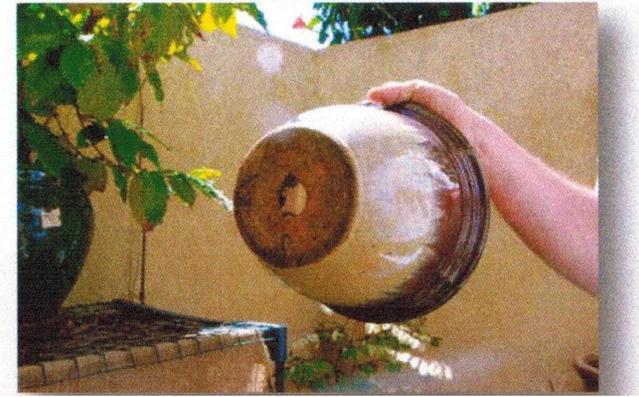
- Is an aggressive day-time and indoor biters.
- In other parts of the world it transmits viruses that cause diseases such as dengue, chikungunya, and yellow fever.
- Is responsible for outbreaks of dengue in south Florida and Hawaii.

BREEDING BEHAVIOR

The yellow fever mosquito lays its eggs in smaller natural and man made water sources including tree holes and even in containers. They prefer dark colored containers located in the shade. Containers can include bird baths, ornamental ponds, tires, potted plants and plant dishes placed indoor or outdoors. Female mosquitoes will search for containers to lay their eggs. The eggs will hatch when water fills the container. The larvae emerge into mature biting adults in 7 to 8 days. Eggs are resistant to drying and can survive more than six months. The life span for an adult mosquito is approximately 3 weeks.



Fill tree holes and other cavities in plants with sand or soil!



Drill drain holes in the bottom of plant pots!



Eliminate breeding sources like these around your home!



FOR IMMEDIATE RELEASE
October 2, 2020

Contact: Brian Cabrera
General Manager
Phone: 805-969-5050; 805-448-2088
Email: bcabrera@mvmdistrict.org

Invasive *Aedes* Mosquito Found in Santa Barbara County for the First Time

The Mosquito and Vector Management District of Santa Barbara County has confirmed the presence of the non-native *Aedes aegypti* mosquito in Santa Barbara County. Photos of a suspect mosquito caught at a home in the Hope neighborhood in Santa Barbara were submitted to the District's website by an alert resident. The suspect mosquito specimens were collected from the residence located near the intersection of N. La Cumbre Rd. and Foothill Rd. and tentatively identified as *Aedes aegypti* at the District laboratory. An additional specimen was collected from a trap set up at the residence where the mosquitoes were found and it was positively identified as *Aedes aegypti*, the yellow fever mosquito. Mosquito district staff currently are setting up additional traps, conducting property inspections, and passing out informational brochures in the surrounding neighborhood.

Aedes aegypti is native to Africa but has spread throughout many regions of the world. This mosquito was first detected in California in 2013 and since then has spread throughout southern California and the Central Valley. *Aedes aegypti* can transmit viruses such as Dengue, Zika and Chikungunya and the virus that causes yellow fever but, fortunately, these diseases are not locally transmitted in California. However, this mosquito can be extremely bothersome, biting both during the day and at night and can be found both indoors and outdoors. Residents in areas where the mosquito has become well established call them "ankle biters" due to their habit of biting around the ankles. *Aedes aegypti* prefer feeding on humans and stay close to human dwellings where they will lay their eggs in practically anything that contains stagnant water including buckets, tires, birdbaths, containers of all kinds, and plates under potted plants. They can even develop in water held in plants, such as bromeliads. *Aedes aegypti* mosquito larvae can complete their development in the amount of water that would fill a bottle cap. Residents are urged to remove all sources of stagnant water both inside and outside of the home and scrub the insides of the containers because the eggs can survive without water for many months.

"Public awareness of *Aedes aegypti* will be very important in slowing its spread and reducing the problems these mosquitoes cause," says Mosquito District General Manager Brian Cabrera. "Local residents can help "fight the bite" by eliminating the sources of water where they lay

P.O. Box 1389 • 2450 Lillie Ave • Summerland, CA 93067
Phone: (805) 969-5050 • Fax: (805) 969-5643 • www.mvmdistrict.org

their eggs and develop as well as contacting the District if they suspect they are being bitten by these mosquitoes”.

Residents can protect themselves from biting by using repellents approved by the Environmental Protection Agency, wearing long-sleeved shirts and long pants, keeping doors to the outside closed, and making sure their windows are fully-screened.

Information about *Aedes aegypti* and other mosquitoes can be found here:

<https://www.cdc.gov/mosquitoes/about/life-cycles/aedes.html>

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/InvasiveMosquitoesBrochure.pdf>

From: [Tony Nixon](#)
To: [Brian Cabrera](#)
Cc: mail@thengineers.com
Subject: Summerland Building
Date: Thursday, November 5, 2020 5:15:14 PM

Brian,

I wanted to follow up on our meeting at your building yesterday. As we discussed and as you discussed with Ron Pike, the cracking appears to be from the expansive soil on site. This is typically seasonal and the cracks tend to get larger as the soil dries out. Based on our observation, the cracks do not appear to pose a structural safety issue and are primarily a cosmetic issue. We recommend monitoring the cracks and checking in again in January. We also recommend fixing the roof gutter drainage to be directed away from the building. This is likely contributing to the movement since the roof drains are discharging near the foundations.

If you would like a more formal letter, please let us know and we can provide a report with pictures and more detailed documentation. If this is sufficient for now, we can check in again in January to see if anything has changed. If you notice any significant movement or are concerned with anything else, please let us know and we will come back out earlier. Let me know if you have any other questions.

Thank you,

Tony Nixon, SE

H U M E
E N G I N E E R S
P.O. Box 15238
San Luis Obispo, CA 93406
P.805-543-6311
Santa Barbara P.805-962-6311

FOR IMMEDIATE RELEASE
November 4, 2020

Contact: Brian Cabrera
General Manager
Phone: 805-969-5050
Email: bcabrera@mvmdistrict.org

Mosquitoes Caught in Santa Barbara Test Positive for West Nile Virus

A sample of mosquitoes collected from a mosquito trap in Santa Barbara has tested positive for West Nile Virus (WNV), according to the Mosquito & Vector Management District of Santa Barbara County. The mosquitoes were trapped as part of ongoing surveillance for the recently discovered invasive *Aedes aegypti* mosquitoes that were discovered in October. “This is not the first time West Nile virus has been found in Santa Barbara County,” says District General Manager Brian Cabrera, “but it has been three years since it was last detected.”

Humans can get WNV from the bite of an infected mosquito. However, most people who acquire the virus don’t know they are infected and don’t develop any symptoms. But about 1 in 5 people who are infected develop symptoms such as fever, headache, muscle ache and nausea. In about 1% of people who get WNV, infection can lead to serious complications including encephalitis or meningitis, coma and even death.

Residents are urged to take action to “Fight the Bite” which includes the “Three Ds”:
Deet – use Deet or other repellents approved by the Environmental Protection Agency;
Dawn and Dusk – avoid being outside at these times when the mosquitoes are most active;
Drain – empty all sources of stagnant water that mosquitoes will lay their eggs in including buckets, bird baths, clogged rain gutters, old tires, containers of all kinds, unused hot tubs, etc.

Wearing long-sleeved shirts and long pants can also provide protection from mosquitoes. Larger sources where mosquitoes are breeding, such as neglected swimming pools or stagnant water in creek beds and washes, for example, can be reported to the District at (805) 969-5050.

Wild birds are the main source of the virus for mosquitoes. Crows, ravens, jays and magpies, are especially susceptible to the virus and often get sick and die after they are infected. Residents are urged to report dead birds to the California Department of Public Health’s “Dead Bird Hotline”. If the dead birds are still in good condition, the District will pick them up and have them tested for WNV. Reports can be filed online at <http://westnile.ca.gov/report.php> or by calling 1-877-968-2473 (1-877-WNV-BIRD). Horses are also susceptible to the virus but, fortunately, a vaccine is available.

P.O. Box 1389 • 2450 Lillie Ave • Summerland, CA 93067
Phone: (805) 969-5050 • Fax: (805) 969-5643 • www.mvmdistrict.org

The California Department of Public Health has a West Nile Virus website with lots of valuable information as well as an “Insect Repellent Toolkit” website with information on how you can protect you and your family from mosquito bites. These sites can be found at:

<http://westnile.ca.gov/>

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Dont-Give-Bugs-a-Biting-Chance.aspx>

WEST NILE VIRUS PREVENTION & CONTROL

To decrease exposure to mosquitoes and the infections that they may carry:

-  Avoid outside activity when mosquitoes are most active, especially at dawn and dusk.
-  When outdoors, wear protective clothing (long pants and long sleeves) and apply insect repellent containing DEET according to label instructions.
-  Make sure that doors and windows have tight fitting screens. Repair or replace screens that have tears or holes in them.
-  Eliminate all sources of standing water on private property. Stock ornamental ponds and animal watering troughs with fish that eat mosquito larvae.
-  Contact your local mosquito and vector control agency if there is a significant mosquito problem where you live or work.

*This brochure has been modified from material provided by the California Department of Public Health, Vector-Borne Disease Section, Sacramento, CA.
(916) 552-9730
www.cdph.ca.gov*

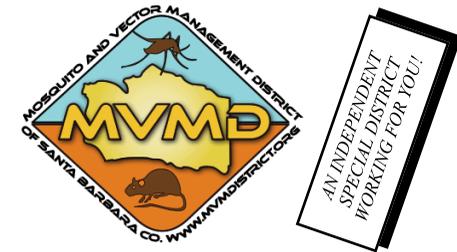
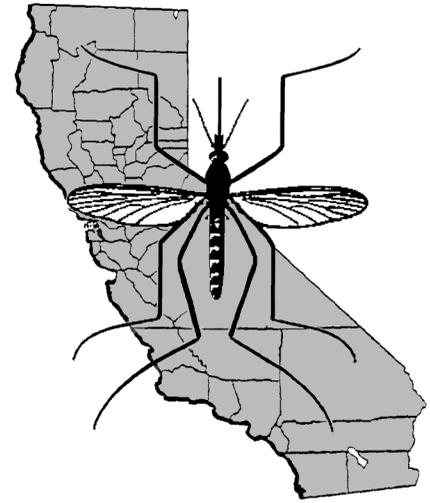
For more information call:

**MOSQUITO and VECTOR
MANAGEMENT DISTRICT
of Santa Barbara County**

OFFICE: 2450 Lillie Ave. * MAIL: P.O. Box 1389
Summerland, CA 93067
TELEPHONE: (805) 969-5050
E-MAIL: mvmdistrict@mvmdistrict.org
Visit our WEBSITE: www.mvmdistrict.org

Revised 1/06

CALIFORNIA SURVEILLANCE AND FACTS ABOUT West Nile Virus



**MOSQUITO and VECTOR
MANAGEMENT DISTRICT
of Santa Barbara County**

WHAT IS WEST NILE VIRUS?



West Nile Virus (WNV) is a mosquito-borne virus that has been found in Asia, eastern Europe, Africa, and the Middle East. The virus was first detected in the United States in New York City during 1999.

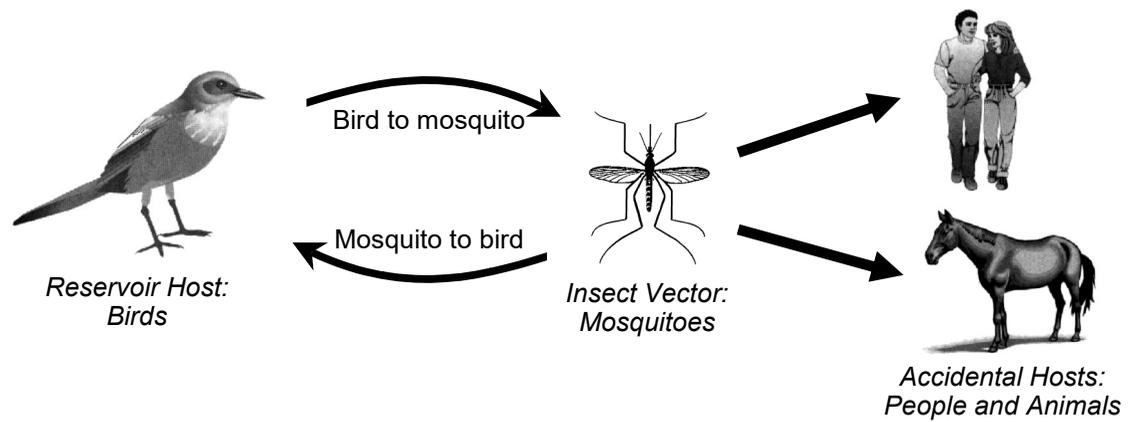
The majority of people and animals that are infected with the virus have a mild illness or no symptoms. In rare cases, the virus can cause a more serious condition called encephalitis, an inflammation of the brain. The elderly and immune impaired are at highest risk for disease caused by WNV. In 2004, WNV occurred in all 58 California counties with more than 800 human cases (27 fatal) and 536 horse cases (228 fatal). Nationwide, over 37,088 human cases (1,549 fatal) occurred from 1999-2012.

HOW DO PEOPLE AND ANIMALS GET WEST NILE VIRUS?

WNV is transmitted to people and animals by infected mosquitoes. Most mosquito species are capable of carrying the virus, however very few individual mosquitoes are actually infected. A mosquito first acquires the infection by feeding on a bird with virus in its blood. The virus lives in the mosquito and is transmitted to a new host in the mosquito's saliva when the insect bites a person, animal, or another bird.

Humans, horses, and other animals are accidental hosts for WNV. Human-to-human, animal-to-animal, and animal-to-human transmission does not occur. The virus is most prevalent from May to October when mosquitoes are most abundant.

TRANSMISSION CYCLE OF WEST NILE VIRUS



General Manager's Report

1. The District office continues to operate while following COVID preventative hygiene measures and guidelines.
2. Four thousand five hundred and seventy-four dollars (\$4,574) were deposited in CERBT on 10/5.
3. BC attended the Earthquake Country Alliance Central Coast webinar, "Earthquakes Along the Central Coast". 10/7.
4. BC participated in the Santa Barbara County Office of Emergency Management, Emergency Manager's Committee Zoom Meeting on 10/7.
5. VI and BC attended the Environmental Protection Agency webinar: "Addressing Disease Mitigation in Schools, Daycare Centers and Universities with Sanitizers and Disinfectants". 10/13
6. BC attended the Pesticide Applicator's Professional Association Continuing Education webinar on. 10/14.
7. JS participated in MVCAC's monthly update teleconference. 10/14.
8. VI attended the webinar on "Mosquito Control Emergency Preparedness and Response to Natural Disasters". 10/14.
9. VI and BC attended the Environmental Protection Agency webinar: "Rodents III: Cleaning UP after Infestations" on 10/20.
10. VI, KS, RS, DC, and BC attended the ADAPCO West Virtual Educational Event (on mosquitoes). 10/21.
11. Annual audit conducted by Moss, Levy and Hartzheim. Initial results indicate no reportable findings. 10/21 – 10/22.
12. West Nile Virus was detected in a mosquito sample collected in the same area that *Aedes aegypti* was found. 10/23.
13. The District's new Ford Ranger was delivered on 10/23.
14. BC completed his biannual Santa Barbra Airport Security and Signatory Authority training. 10/23.
15. JS participated in the Santa Barbara County Chapter's quarterly meeting of the California Special Districts Association; BC gave a brief report on the discovery of *Aedes aegypti* and the detection of West Nile virus in mosquitoes in Santa Barbara. 10/26.
16. BC participated in the MVCAC southern region Fall meeting. 10/27.
17. BC gave a Zoom presentation to a class at Goleta Valley Jr. High on mosquitoes and overcoming obstacles/pathways to success. 10/28.
18. BC completed the state mandated Harassment Prevention Training for Supervisors. 10/30.

Upcoming:

1. MVCAC monthly teleconference. TBA.
2. University of California Agricultural and Natural Resources, Virtual West Coast Rodent Academy webinar. 11/12 – 11/13.
3. Veteran's Day Holiday. 11/11
4. Webinar: Northeast Regional Center for Excellence in Vector-Borne Diseases on webinar Babesiosis (Babesiosis is a malaria-like illness transmitted by the same ticks as Lyme disease)
5. Thanksgiving Holiday. Office closed 11/26 and 11/27.
6. Mosquito season ends approximately Nov. 30; depending on conditions, trapping will stop until next Spring; sentinel chicken sampling will switch from a biweekly to a monthly schedule.