



## Mosquito and Vector Management District of Santa Barbara County

### *Regular Meeting of the Board of Trustees*

Hope School, Board Room, 3970 La Colina Road, Santa Barbara, CA

**February 10, 2011, 2:00 PM**

**DIRECTIONS TO THE MEETING LOCATION:** The building is on the north side of La Colina Road. The Board Room is located at the front of the building towards the street, and the Library is at the center of campus east of the flagpole.

**ADA Compliance:** In compliance with the Americans with Disabilities Act, special assistance can be obtained by contacting the General Manager at 805-969-5050 extension 222. Notification 48 hours prior to the meeting will facilitate reasonable accommodation in most cases.

**Public Records Availability:** pursuant to California Government Code Section 54957.5, any public records that are distributed less than 72 hours prior to this meeting to all, or a majority of all, of the Board of Trustee members in connection with any agenda item (other than closed sessions) will be available for public inspection at the time of such distribution or during the Board meeting or at the District office located at 2450 Lillie Ave. in Summerland, CA.

## AGENDA

1. ROLL CALL
2. CONFIRMATION OF AGENDA
3. STAFF ANNOUNCEMENTS regarding District business
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 Items requiring additional discussion may be withdrawn from the listing and addressed in separate actions.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 Minutes of the regular meeting held January 13, 2011. (pg. 1)
  - B. Approval of Financial Statements for County Fund 4160, for Jan 2011. (pg. 4)
  - D. Approval of the Warrant Register, for Jan 2011. (pg. 8)
  - E. Approval of the Disease Surveillance Report, for Jan 2011 (pg. 12)
  - G. Approval of the District Operations Report, for Jan 2011 (pg. 14)
7. OLD BUSINESS
  - A. **Discussion of Progress of Real Estate Agreement between Carpinteria-Summerland Fire Protection District and the MVMD** – update on progress

8. NEW BUSINESS.

- A. **Approval of FY 2009-10 Annual Audit** – Draft audit included as separate file.
- B. **Timeline for FY 2011-12 Budgeting Process** – General timeline outlining steps for completion of annual budget.
- C. **Discussion and/or Approval of Draft District Vehicle Use Policy** – As discussed at the February 2011 Board meeting.
- D. **Approval of SCI Consulting Group Contract** – District has been presented with a three year contract request at \$10,000/yr. This contract reflects a \$200/yr. increase over the previous contract.
- E. **Discussion and/or Approval to Fund a Trust Account per GASB 45 Requirements in the Amount of \$49,799 per CSBA Actuarial Review** – This fund will account for Other Post Employment Benefits (OPEB) which are part of the CalPERS Health Care benefits provided by the District. This trust will encumber an annual accrual expense once established, the current years accrual expense is \$7,955 which is included in the total.

9. MANAGER'S REPORT (pg. 16)

Topics Include: OPEB evaluation, FY 2009-10 annual audit, FY 2011-12 annual budget, MRF fundraiser, MVCAC annual conference, Lake Los Carneros, City of Buellton, rodent brochure mailing, Oceano Dunes

10. BOARD ANNOUNCEMENTS

11. CLOSED SESSION –

**None**

12. ADJOURNMENT (next scheduled meeting: Thursday, 10 March 2011, 2 pm)

CERTIFICATE OF POSTING

I, Jessica Sprigg, Clerk of the Board for the Mosquito and Vector Management District of Santa Barbara County, verify under penalty of perjury under the laws of the State of California, that the foregoing agenda was posted not less than 72 hours prior to the afore mentioned meeting.

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Jessica Sprigg  
Clerk of the Board

**MOSQUITO AND VECTOR MANAGEMENT DISTRICT  
of Santa Barbara County  
MINUTES OF REGULAR MEETING OF TRUSTEES  
January 13<sup>th</sup>, 2011**

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, January 13<sup>th</sup>, 2011 at the Hope School District Board Room, 3970 La Colina Road, Santa Barbara, CA.

1. ROLL CALL.

TRUSTEES PRESENT:

Larry Fausett, Board President  
Ron Hurd, Vice-President  
John Olson, Board Secretary  
David Pritchett  
Susan Swarbrick  
Charles Blair  
Cathy Schlottmann

TRUSTEES ABSENT:

Chris Pankau

IN ATTENDANCE:

Brian Passaro, General Manager  
Kenneth Learned, Operations Manager  
Jessica Sprigg, Administrative Assistant

2. CONFIRMATION OF AGENDA

*-No changes were requested.*

3. STAFF ANNOUNCEMENTS regarding District business.

**NONE.**

4. CORRESPONDENCE

**NONE.**

5. PUBLIC COMMENT.

**NONE.**

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 Minutes for District's regular meeting held December 9<sup>th</sup>, 2010.
- B. Financial Statements for County Fund 4160 for December 2010.
- C. Warrant Register for December 2010.

D. Disease Surveillance Report for December 2010.

E. District Operations Report for December 2010.

*- After a brief discussion, Trustee Schlottmann motioned to approve the items of general consent. This motion was seconded by Trustee Blair and passed unanimously.*

7. OLD BUSINESS

A. **Discussion of Progress of Real Estate Agreement between Carpinteria-Summerland Fire Protection District and the MVMD-** Update on progress.

*-CSFPD's legal counsel is drafting a lease agreement with a lease option and a sub-lease portion. A timetable for the completion of this document is unknown.*

B. **Update on Cabrillo Business Park Property.**

*-Due to the percentage of private entities which rent the property, the CSDA Finance Corporation is unable to finance the District's purchase of the Cabrillo Business Park property.*

C. **Final determination of Trustees Attending MVCAC Annual Conference.**

*-President Fausett and Vice President Hurd will be attending the MVCAC Annual Conference, with lodging and conference fees being provided by the District. Trustee Blair will attend at his own expense.*

8. NEW BUSINESS

A. Annual Election of Officers—

Nominations for President:

*Trustee Schlottmann nominated Vice-President Hurd.*

*Trustee Blair nominated President Fausett.*

Nominations for Vice-President:

*Trustee Schlottmann nominated Secretary Olson.*

Nominations for Secretary:

*President Fausett nominated Trustee Swarbrick.*

*-By roll call vote for the election of Vice-President Hurd to the position of President of the Board, President Fausett, Vice-President Hurd, Trustee Blair, Trustee Schlottmann, Trustee Swarbrick, and Trustee Pritchett voted in favor. Secretary Olson opposed. Motion carried.*

*-Hearing no other nominations, the seats of Vice-President and Secretary were appointed to Trustee Olson and Trustee Swarbrick respectively.*

9. MANAGER'S REPORT

*-Topics Include: OPEB evaluation, Cabrillo Business Park property, equipment modification, turkey bonus, State Street Rodent Program, CMVCA fundraiser.*

*-The City of Santa Barbara and the District will be splitting the printing and mailing costs associated with the State Street Rodent Program. Mailings will be staggered in order to avoid a massive influx of inspection requests. Through these inspections, the District hopes to identify major problem areas and follow up in those areas. The assistance of a Solid Waste Code Enforcement Officer has been offered by the City.*

10. BOARD ANNOUNCEMENTS

- Trustee Pritchett announced that he has taken on a new position which may require him to be away during some Board meetings.*
- Trustee Schlottmann requests a schedule of adoption for the new budget.*
- Trustee Blair reminded the Board that the January SBCSDA meeting will be held at the Buellton Marriott and will feature Karen Ramsdell, Director of the Santa Barbara Airport.*
- Trustee Blair also reported that the December meeting of the SCVCETF was cancelled.*

11. CLOSED SESSION

*Board entered closed session at 4:00 PM.*

**A. Board Discussion Regarding General Manager Performance Evaluation**

*Returning from Closed Session, there was no reportable action.*

- Discussion ensued regarding General Manager Passaro's compensation. It was moved by President Hurd and seconded by Trustee Blair to increase GM Passaro's salary by 4%, retroactive to the October 8<sup>th</sup>, 2010 pay period. Motion passed unanimously.*
- It was moved by Trustee Pritchett and seconded by Trustee Schlottmann to allow GM Passaro use of a District vehicle for commuting purposes to and from home. Motion passed unanimously.*

12. 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

-----  
Susan Swarbrick  
Board Secretary

# Financial Status (Real-Time)

As of: 1/31/2011 (59% Elapsed)  
Accounting Period: OPEN

Selection Criteria: Fund = 4160

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

## Fund 4160 -- Mosquito & Vector Mgt District

Line Item Account	6/30/2011 Fiscal Year Adjusted Budget	1/31/2011 Year-To-Date Actual	6/30/2011 Fiscal Year Variance	6/30/2011 Fiscal Year Pct of Budget
<b>Revenues</b>				
<b>Taxes</b>				
3010 -- Property Tax-Current Secured	300,000.00	169,654.43	-130,345.57	56.55 %
3011 -- Property Tax-Unitary	4,700.00	2,292.74	-2,407.26	48.78 %
3020 -- Property Tax-Current Unsecd	15,000.00	15,456.02	456.02	103.04 %
3040 -- Property Tax-Prior Secured	0.00	-745.77	-745.77	--
3050 -- Property Tax-Prior Unsecured	0.00	1.89	1.89	--
3054 -- Supplemental Pty Tax-Current	5,000.00	2,434.87	-2,565.13	48.70 %
Taxes	324,700.00	189,094.18	-135,605.82	58.24 %
<b>Use of Money and Property</b>				
3380 -- Interest Income	5,000.00	2,394.77	-2,605.23	47.90 %
3381 -- Unrealized Gain/Loss Invstmnts	-1,653.83	-3,153.83	-1,500.00	190.70 %
Use of Money and Property	3,346.17	-759.06	-4,105.23	-22.68 %
<b>Intergovernmental Revenue-State</b>				
4220 -- Homeowners Property Tax Relief	1,300.00	1,207.18	-92.82	92.86 %
Intergovernmental Revenue-State	1,300.00	1,207.18	-92.82	92.86 %
<b>Intergovernmental Revenue-Federal</b>				
4690 -- Payments In Lieu of Taxes	0.00	32.56	32.56	--
Intergovernmental Revenue-Federal	0.00	32.56	32.56	--
<b>Intergovernmental Revenue-Other</b>				
4840 -- Other Governmental Agencies	4,000.00	4,754.41	754.41	118.86 %
Intergovernmental Revenue-Other	4,000.00	4,754.41	754.41	118.86 %
<b>Charges for Services</b>				
4877 -- Other Special Assessments	463,117.00	269,936.50	-193,180.50	58.29 %
Charges for Services	463,117.00	269,936.50	-193,180.50	58.29 %

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<b>Miscellaneous Revenue</b>				
5909 -- Other Miscellaneous Revenue	120,000.00	58,521.86	-61,478.14	48.77 %
Miscellaneous Revenue	120,000.00	58,521.86	-61,478.14	48.77 %
Revenues	916,463.17	522,787.63	-393,675.54	57.04 %
<b>Expenditures</b>				
<b>Salaries and Employee Benefits</b>				
6100 -- Regular Salaries	395,621.47	231,940.55	163,680.92	58.63 %
6400 -- Retirement Contribution	83,317.97	61,558.02	21,759.95	73.88 %
6500 -- FICA Contribution	24,528.56	14,141.48	10,387.08	57.65 %
6550 -- FICA/Medicare	6,700.00	3,307.27	3,392.73	49.36 %
6600 -- Health Insurance Contrib	101,192.00	54,786.93	46,405.07	54.14 %
6700 -- Unemployment Ins Contribution	2,000.00	1,774.42	225.58	88.72 %
Salaries and Employee Benefits	613,360.00	367,508.67	245,851.33	59.92 %
<b>Services and Supplies</b>				
7030 -- Clothing and Personal	4,500.00	3,801.30	698.70	84.47 %
7050 -- Communications	7,500.00	5,024.08	2,475.92	66.99 %
7070 -- Household Expense	3,000.00	1,564.98	1,435.02	52.17 %
7090 -- Insurance	30,000.00	29,210.00	790.00	97.37 %
7120 -- Maintenance - Equipment	11,000.00	6,910.78	4,089.22	62.83 %
7121 -- Operating Supplies	8,500.00	4,302.01	4,197.99	50.61 %
7124 -- IT Software Maintenance	2,200.00	0.00	2,200.00	0.00 %
7200 -- MTC-Struct/Impr & Grounds	10,000.00	3,604.80	6,395.20	36.05 %
7400 -- Medical, Dental and Lab	3,000.00	2,691.55	308.45	89.72 %
7430 -- Memberships	9,000.00	7,454.55	1,545.45	82.83 %
7450 -- Office Expense	8,500.00	5,597.14	2,902.86	65.85 %
7460 -- Professional & Special Service	65,000.00	29,286.65	35,713.35	45.06 %

# Financial Status (Real-Time)

As of: 1/31/2011 (59% Elapsed)  
Accounting Period: OPEN

Selection Criteria: Fund = 4160

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

## Fund 4160 -- Mosquito & Vector Mgt District

Line Item Account	6/30/2011 Fiscal Year Adjusted Budget	1/31/2011 Year-To-Date Actual	6/30/2011 Fiscal Year Variance	6/30/2011 Fiscal Year Pct of Budget
7506 -- Administration Fees	0.00	2,642.26	-2,642.26	--
7530 -- Publications & Legal Notices	1,200.00	0.00	1,200.00	0.00 %
7580 -- Rents/Leases-Structure	60,000.00	0.00	60,000.00	0.00 %
7630 -- Small Tools & Instruments	1,250.00	0.00	1,250.00	0.00 %
7650 -- Special Departmental Expense	55,000.00	49,388.54	5,611.46	89.80 %
7653 -- Training Fees & Supplies	5,000.00	1,308.00	3,692.00	26.16 %
7730 -- Transportation and Travel	9,000.00	5,820.52	3,179.48	64.67 %
7731 -- Gasoline-Oil-Fuel	10,000.00	5,178.83	4,821.17	51.79 %
7760 -- Utilities	5,000.00	2,293.65	2,706.35	45.87 %
Services and Supplies	308,650.00	166,079.64	142,570.36	53.81 %
<b>Capital Assets</b>				
8300 -- Equipment	0.00	1,479.00	-1,479.00	--
Capital Assets	0.00	1,479.00	-1,479.00	--
Expenditures	922,010.00	535,067.31	386,942.69	58.03 %
<b>Changes to Reserves &amp; Designations</b>				
<b>Decrease to Reserves/Designations</b>				
9797 -- Designated-Unrealized Gains	4,653.83	3,153.83	-1,500.00	67.77 %
Decrease to Reserves/Designations	4,653.83	3,153.83	-1,500.00	67.77 %
Changes to Reserves & Designations	4,653.83	3,153.83	-1,500.00	67.77 %
Mosquito & Vector Mgt District	-893.00	-9,125.85	-8,232.85	1,021.93 %
Net Financial Impact	-893.00	-9,125.85	-8,232.85	1,021.93 %



# Cash Balances

As of: 1/31/2011  
Accounting Period: CLOSED

Selection Criteria: Fund = 4160-4161

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

Fund	1/1/2011 Beginning Balance	Month-To-Date Cash Receipts (+)	Month-To-Date Treasury Credits (+)	Month-To-Date Warrants and Wire Transfers (-)	Month-To-Date Treasury Debits (-)	1/31/2011 Ending Balance
4160 -- Mosquito & Vector Mgt District	744,761.04	0.00	7,380.28	34,584.76	35,958.57	681,597.99
4161 -- SB Vector-Cap Asset Reserve	312,883.26	0.00	710.79	0.00	0.00	313,594.05
Total Report	1,057,644.30	0.00	8,091.07	34,584.76	35,958.57	995,192.04

# Vendor Disbursements

From 1/1/2011 to 1/31/2011

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
<b>Vendor 000129 -- South Coast Landscape</b>					
Vendor Link	01/18/2011	880		Vendor Invoice #: 8369	92.00
				Total South Coast Landscape	92.00
<b>Vendor 004369 -- STATE DISBURSEMENT UNIT, CA</b>					
EFT	01/13/2011	880		Vendor Account: 004369	296.77
EFT	01/27/2011	880		Vendor Account: 004369	296.77
				Total STATE DISBURSEMENT UNIT, CA	593.54
<b>Vendor 006215 -- US BANK CORPORATE PAYMENT SYSTEM</b>					
Vendor Link	01/13/2011	880		Vendor Account: 4246 0445 5565 2944	3,366.86
				Total US BANK CORPORATE PAYMENT SYSTEM	3,366.86
<b>Vendor 050129 -- CACDA</b>					
W - 09468695	01/11/2011	880		Vendor Invoice #: 708	500.00
				Total CACDA	500.00
<b>Vendor 050379 -- ADP Inc</b>					
EFT	01/01/2011	880		Vendor Invoice #: 423788; Vendor Account: 00070-E95101	136.20
EFT	01/14/2011	880		Vendor Account: 00070-E95101	213.70
				Total ADP Inc	349.90
<b>Vendor 132153 -- MVCAC MOSQUITO &amp; VECTOR CONTROL ASSOC OF CA</b>					
W - 09467899	01/05/2011	880		2011 MOSQUITO POOL TESTING	4,600.00
				Total MVCAC MOSQUITO & VECTOR CONTROL ASSOC OF CA	4,600.00
<b>Vendor 194683 -- Allied Administrators for Delta Dental</b>					
Vendor Link	01/13/2011	880		Vendor Account: 2501-1344	236.06
				Total Allied Administrators for Delta Dental	236.06
<b>Vendor 214614 -- Univar USA, Inc</b>					
W - 09469864	01/20/2011	880		Vendor Invoice #: OX-502702; Vendor Account: 334985	4,794.57
				Total Univar USA, Inc	4,794.57

# Vendor Disbursements

From 1/1/2011 to 1/31/2011

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
<b>Vendor 244645 -- AFLAC</b>					
W - 09467746	01/04/2011	880		Vendor Invoice #: 315045; Vendor Account: BWN82	649.65
W - 09470864	01/26/2011	880		Vendor Invoice #: 740489; Vendor Account: BWN82	433.10
				Total AFLAC	1,082.75
<b>Vendor 252027 -- Educated Car Wash</b>					
Vendor Link	01/18/2011	880		Vendor Account: 3735023	53.15
				Total Educated Car Wash	53.15
<b>Vendor 285433 -- Mission Uniform Service Inc</b>					
Vendor Link	01/18/2011	880		Vendor Account: 242387	318.17
				Total Mission Uniform Service Inc	318.17
<b>Vendor 297454 -- VERIZON WIRELESS</b>					
Vendor Link	01/20/2011	880		Vendor Invoice #: 0938182104; Vendor Account: 371411199-00001	267.19
				Total VERIZON WIRELESS	267.19
<b>Vendor 308867 -- VERIZON CALIFORNIA</b>					
W - 09469084	01/13/2011	880		Vendor Account: 01 1753 11555737906	346.37
				Total VERIZON CALIFORNIA	346.37
<b>Vendor 346888 -- CARRIE TROUP CPA</b>					
Vendor Link	01/19/2011	880		Vendor Invoice #: 1210V	1,325.00
				Total CARRIE TROUP CPA	1,325.00
<b>Vendor 509950 -- Marborg Industries</b>					
W - 09469349	01/18/2011	880		Vendor Account: 1-19959 3	100.86
				Total Marborg Industries	100.86
<b>Vendor 522736 -- McCormix Corporation</b>					
Vendor Link	01/04/2011	880		Vendor Invoice #: 845744; Vendor Account: 3581	441.53
Vendor Link	01/13/2011	880		Vendor Invoice #: 846407; Vendor Account: 3581	72.64
				Total McCormix Corporation	514.17

# Vendor Disbursements

From 1/1/2011 to 1/31/2011

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
<b>Vendor 556712 -- MONTECITO WATER DISTRICT - UTILITIES</b>					
Vendor Link	01/18/2011	880		Vendor Account: 20-1620-01	38.75
				Total MONTECITO WATER DISTRICT - UTILITIES	38.75
<b>Vendor 648390 -- CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM</b>					
W - 09469865	01/20/2011	880		Vendor Invoice #: H2011027284000; Vendor Account: 7284	8,108.24
				Total CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM	8,108.24
<b>Vendor 710175 -- STATE/FEDERAL TAXES &amp; DIRECT DEPOSITS</b>					
EFT	01/13/2011	880		Vendor Account: 710175	16,622.00
EFT	01/27/2011	880		Vendor Invoice #: 1043898; Vendor Account: 710175	17,019.32
				Total STATE/FEDERAL TAXES & DIRECT DEPOSITS	33,641.32
<b>Vendor 740582 -- SERVICEMASTER OF SANTA BARBARA</b>					
W - 09469350	01/18/2011	880		Vendor Invoice #: 398021; Vendor Account: VE603	180.00
				Total SERVICEMASTER OF SANTA BARBARA	180.00
<b>Vendor 767200 -- SOUTHERN CALIFORNIA EDISON</b>					
Vendor Link	01/13/2011	880		Vendor Account: 2-03-674-6246	179.83
				Total SOUTHERN CALIFORNIA EDISON	179.83
<b>Vendor 767800 -- THE GAS COMPANY</b>					
Vendor Link	01/13/2011	880		Vendor Account: 067 514 4833 0	43.19
				Total THE GAS COMPANY	43.19
<b>Vendor 778083 -- STAPLES CREDIT PLAN</b>					
W - 09469866	01/20/2011	880		Vendor Account: 6035 5178 2032 6543	192.46
				Total STAPLES CREDIT PLAN	192.46
<b>Vendor 855111 -- Vision Service Plan-CA</b>					
Vendor Link	01/28/2011	880		Vendor Account: 30 011671 0001	130.79
				Total Vision Service Plan-CA	130.79

# Vendor Disbursements

From 1/1/2011 to 1/31/2011

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
<b>Vendor 874582 -- BAY ALARM</b>					
W - 09468696	01/11/2011	880		Vendor Invoice #: 148552101215M; Vendor Account: 148552	163.50
				Total BAY ALARM	163.50
				Total Mosquito & Vector Mgt District	61,218.67



## MOSQUITO and VECTOR MANAGEMENT DISTRICT of Santa Barbara County

# DISEASE SURVEILLANCE REPORT

January 2011

### **West Nile Virus Activity**

No West Nile Virus (WNV) activity has been detected in Santa Barbara County or anywhere else in California in 2011 to date.

The following will probably be the final numbers for WNV activity in California for 2010: 109 human cases with 5 fatalities (2 in Madera, one each in Fresno, Merced, and Stanislaus) from 17 counties, 19 horse cases (5 fatal) from 11 counties, 1,305 positive mosquito pools from 24 counties, 281 positive sentinel chickens from 64 flocks in 21 counties, and 24 positive squirrels from 8 counties. Additionally, 416 dead birds collected from 27 counties have tested positive for recent WNV infection. Another 182 dead birds from 29 counties tested positive for chronic WNV infection. Laboratory testing can now distinguish birds with recent infections from birds with chronic infections that were acquired in past years. Neither St. Louis Encephalitis (SLE) nor Western Equine Encephalomyelitis (WEE) was detected in California in 2010. SLE was last detected in California in 2003 and WEE in 2007.

Statistics for California WNV activity in can be found online at [www.westnile.ca.gov](http://www.westnile.ca.gov). National statistics for WNV can be found at the National Centers for Disease Control and Prevention website at [www.cdc.gov](http://www.cdc.gov).

### **Sentinel Chicken Flocks**

The District is testing the 4 active chicken flocks at Carpinteria, Goleta, Solvang, and Mission Hills once per month during the winter as opposed to the every two week summer schedule. All sentinel chicken blood samples have tested negative for WNV and other mosquito-borne viruses for the 2010 season to date.

The District is scheduled to pick up 30 new chickens at Demler Egg Ranch in San Jacinto, California on February 24, 2011. The new chickens will be used to replace the 2 year old chickens at Carpinteria and Solvang and to re-establish the flock at the U.S. Forest Service Ranger Station on Paradise Road. The 2011 sentinel chicken season will begin in March 2011.

Samples of blood are collected from each chicken on strips of filter paper and dried overnight. They are then submitted to the California Department of Public Health Vector-Borne Disease Laboratory at Richmond, California where they are analyzed for antibodies to WNV and other mosquito-borne viruses.

### **West Nile Virus Dead Bird and Squirrel Submissions**

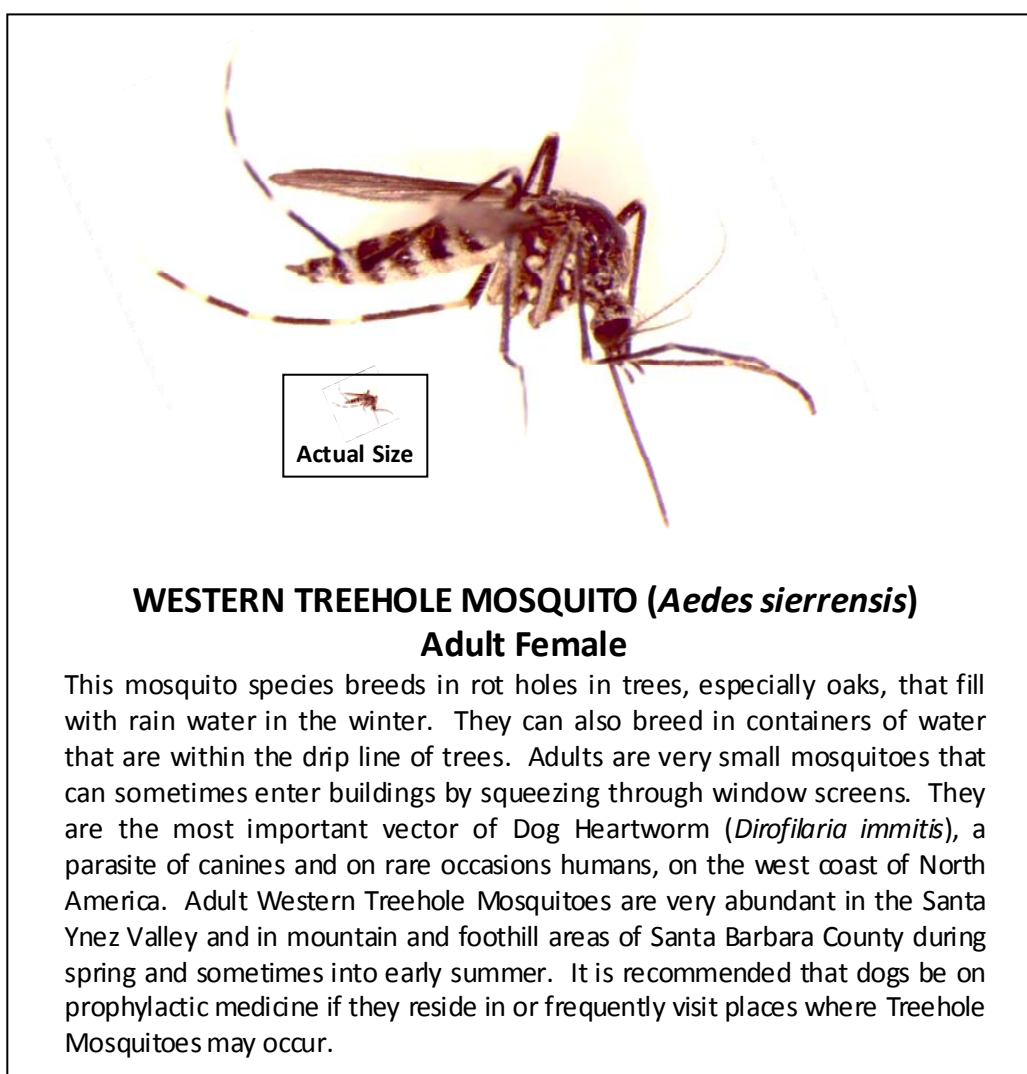
The District will not submit anymore dead birds or squirrels for WNV testing until March 2011. As of October 15, 2010, the California Animal Health and Food Safety Laboratory discontinued testing dead birds and squirrels through the winter season. The California Department of Public Health's Dead Bird Hotline will continue to take dead bird reports Monday-Friday during the winter, but will not authorize any for WNV testing until March 2011. All dead birds and squirrels from Santa Barbara County submitted and tested in 2010 were negative for WNV.

The dead birds are submitted to the California Animal Health and Food Safety Laboratory at Davis, California to be analyzed for the presence of West Nile Virus. The District and other agencies submit dead birds that are found by citizens who report them to the California Department of Public Health's toll free West Nile Virus Dead Bird Hotline (1-877-968-2473 or 1-877-WNV-BIRD) or online at [www.westnile.ca.gov](http://www.westnile.ca.gov).

## Live Mosquito-Borne Virus Surveillance

Live Mosquito-Borne Virus Surveillance trapping will resume in spring 2011.

This surveillance technique utilizes battery-powered traps that use dry ice as a source of carbon dioxide to attract adult female mosquitoes that are actively seeking a blood meal. The live female mosquitoes are taken into the District's laboratory where they are anesthetized with triethylamine under the fume hood, separated by species, and placed into "pools." The pools (1 pool = up to 50 adult female mosquitoes of a single species collected at one place at one time) are stored in the District's ultra-low temperature freezer at  $-70^{\circ}\text{C}$  until they can be submitted to the U.C. Davis Center for Vector-Borne Diseases at Davis, California where they are analyzed for the presence of live mosquito-borne viruses including WNV.



### **WESTERN TREEHOLE MOSQUITO (*Aedes sierrensis*) Adult Female**

This mosquito species breeds in rot holes in trees, especially oaks, that fill with rain water in the winter. They can also breed in containers of water that are within the drip line of trees. Adults are very small mosquitoes that can sometimes enter buildings by squeezing through window screens. They are the most important vector of Dog Heartworm (*Dirofilaria immitis*), a parasite of canines and on rare occasions humans, on the west coast of North America. Adult Western Treehole Mosquitoes are very abundant in the Santa Ynez Valley and in mountain and foothill areas of Santa Barbara County during spring and sometimes into early summer. It is recommended that dogs be on prophylactic medicine if they reside in or frequently visit places where Treehole Mosquitoes may occur.

# Mosquito and Vector Management District of Santa Barbara County

## Report of District Operations - January 2011

Location	Mosquito					Bees & Wasps			Rats & Mice		Surveillance			Other
	Inspection Hours	Treatment Hours	Service Requests	Mosquitofish Requests	Standing Water Reports	Inspection Hours	Treatment Hours	Service Requests	Inspection Hours	Service Requests	WNV Bird	Chickens	Mosquito Pools	Identifications, Green Pools, Ticks, etc.
City of Goleta	32.5	63.0		1				2	3.0	2		4.0		
Goleta Valley	67.5	19.0												
Rancho Embarcadero	1.5													
Isla Vista	1.0	3.0							6.0	1				
UCSB	8.5	9.0												
Hope Ranch	3.0													
Hidden Valley														
City of Santa Barbara	45.0	41.0		1				1	8.5	1				
Mission Canyon	1.0													
Montecito	4.0													
Summerland	0.5	0.5			1									
City of Carpinteria	5.5	1.0		1					2.0			4.0		
Carpinteria Valley	4.0													
Carpinteria Salt Marsh														
<b>South County</b>	<b>174.0</b>	<b>136.5</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>3</b>	<b>19.5</b>	<b>4.0</b>	<b>0.0</b>	<b>8.0</b>	<b>0.0</b>	<b>0</b>
<b>North County</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>14.5</b>	<b>0.0</b>	<b>0</b>
<b>Monthly Totals</b>	<b>174.0</b>	<b>136.5</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>4</b>	<b>19.5</b>	<b>4</b>	<b>0.0</b>	<b>22.5</b>	<b>0.0</b>	<b>0</b>
<b>Year to Date</b>	<b>174.0</b>	<b>136.5</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>4</b>	<b>19.5</b>	<b>4</b>	<b>0.0</b>	<b>22.5</b>	<b>0.0</b>	<b>0</b>

	This Month	Year to Date
<b>Total Inspection Hours</b>	<b>193.5</b>	<b>193.5</b>
<b>Total Treatment Hours</b>	<b>136.5</b>	<b>136.5</b>
<b>Total Mileage</b>	<b>3,629.0</b>	<b>3,629.0</b>



## REPORT OF DISTRICT OPERATIONS-SLO COUNTY-JANUARY 2011

Location	Mosquito			
	Inspection Hours	Treatment Hours	Mosquito Pools	Prep
Pismo Beach	6.0	13.5		5.0
Oceano Dunes	9.0	4.5		5.0
<b>Monthly Totals</b>	<b>15.0</b>	<b>18.0</b>	<b>0.0</b>	<b>10.0</b>
<b>Year to Date</b>	<b>15.0</b>	<b>18.0</b>	<b>0.0</b>	<b>10.0</b>

**General Manager Report on District Activities  
Board of Trustees Meeting  
February 10, 2011**

1. Completed OPEB evaluation.
2. Completed FY 2009-10 audit.
3. Began developing FY 2011-12 annual budget.
4. Attended 1<sup>st</sup> annual Mosquito Research Foundation fund raiser/golf tournament.
5. Attended MVCAC annual conference in Indian Wells.
6. Spoke to and met with City Manager and Director of Community Services regarding Lake Los Carneros
7. Developing plan for City of Buellton to provide enhanced vector management services to all residents of the City.
8. Began mailing out rodent informational flyer as part of the District and City of Santa Barbara joint project.
9. Gearing up for a second aerial treatment at Oceano Dunes.