



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

March 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 Items requiring additional discussion may be withdrawn from the listing and addressed in separate actions.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 February 10, 2011. (pg. 1)
 - B. Approval of Financial Statements for County Fund 4160, for Feb 2011. (pg. 4)
 - C. Approval of the Warrant Register, for Feb 2011. (pg. 8)
 - D. Approval of the Disease Surveillance Report, for Feb 2011 (pg. 12)
 - E. Approval of the District Operations Report, for Feb 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

- B. **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.
- C. **Discussion and/or Approval of Draft District Vehicle Use Policy** – Draft policy distributed at February 2011 meeting.

8. NEW BUSINESS.

- A. **Preliminary FY 2010-11 Budget Discussions** – Discuss items to be included in the budget (strategic planning, salary survey, professional services, etc.)

9. MANAGER'S REPORT (pg. 16)

Topics Include: FY 2009-10 audit, FY 2011-12 budget, VCJPA annual meeting, NPDES permit, new grand jury request for information.

10. BOARD ANNOUNCEMENTS

11. CLOSED SESSION –

None

12. ADJOURNMENT (next scheduled meeting: Thursday, 14 April 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.

Jessica Sprigg
Clerk of the Board

**MOSQUITO AND VECTOR MANAGEMENT DISTRICT
of Santa Barbara County
MINUTES OF REGULAR MEETING OF TRUSTEES
February 10th, 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, February 10th, 2011 at the Hope School District Board Room, 3970 La Colina Road, Santa Barbara, CA.

1. ROLL CALL.

TRUSTEES PRESENT:

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

TRUSTEES ABSENT:

David Pritchett

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.

-Aerial treatment of Oceano Dunes was performed February 9th. Sixty-eight acres of dunes were treated with Vectobac G.

-SCI Consulting Group has provided a draft contract for future services.

-Actuarial review performed as a requirement of GASB 45 has been received and reviewed by the District.

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 January 13th, 2011.
- B. Financial Statements for County Fund 4160 for January 2011.
- C. Warrant Register for January 2011.
- D. Disease Surveillance Report for January 2011.
- E. District Operations Report for January 2011.

- After a brief discussion, Trustee Schlottmann motioned to approve the items of general consent. This motion was seconded by Vice-President Olson 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.

-Draft lease agreement has not yet been received by the District. Alternative sites for new District office and sources of funding are being explored.

8. NEW BUSINESS

- A. **Approval of FY 2009-10 Annual Audit**—Draft audit included as separate file.

-Auditors have established that the financial statements fairly and accurately reflect the operations of the District. Trustee Schlottmann moved to accept the draft of audit for fiscal year ending June 30th, 2010. The motion was seconded by Trustee Blair and passed unanimously.

- B. **Timeline for FY 2011-12 Budgeting Process**—General timeline outlining steps for completion of annual budget.

-GM Passaro has begun the preliminary steps of the budgeting process and further efforts will be discussed in future meetings.

- C. **Discussion and/or approval of Draft District Vehicle Use Policy**—As discussed at the January 2011 board meeting.

-GM Passaro recommends tabling approval of the Vehicle Use Policy until the next 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.

-Following a brief discussion regarding the specific services provided by SCI, it was moved by Trustee Blair and seconded by Trustee Swarbrick to approve a three year contact with SCI Consulting Group. The motion passed unanimously.

- 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.

- *Following a discussion regarding the history and technical aspects of the GASB 45 requirements, it was decided to table this issue until the next regular meeting.*

9. MANAGER'S REPORT

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.

-*GM Passaro and Operations Manager Learned met with representatives from the City of Goleta to discuss past and future treatment of Lake Los Carneros.*

-*A draft contract for the City of Buellton is being prepared. The City wishes to provide its residents with the services currently available in the Districts "enhanced service zones." Careful consideration is being taken as a contract such as this appears to be unprecedented.*

-*Rodent brochures have been mailed to the businesses located on the first few blocks of State Street. The District is hoping to begin receiving requests for inspections soon.*

10. BOARD ANNOUNCEMENTS

-*The MVCAC Annual Conference in Indian Wells was an enjoyable and informative event for all District attendees. President Hurd enjoyed the presentation from Gordon Patterson, from the Florida Institute of Technology, which addressed the science of detection and suppression of mosquitoes. GM Passaro was surprised to learn that sixty percent of fatalities in the Civil War resulted from diseases rather than battle. Trustee Fausett was interested in the vector-borne diseases that are a focus of districts outside of our immediate area, such as equine encephalitis and Chagas disease.*

- *At the suggestion of President Hurd, Santa Barbara is being considered as a potential venue for future MVCAC events.*

11. CLOSED SESSION

NONE.

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: 2/28/2011 (66% 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	2/28/2011 Year-To-Date Actual	6/30/2011 Fiscal Year Variance	6/30/2011 Fiscal Year Pct of Budget
Revenues				
Taxes				
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	231.72	231.72	--
3054 -- Supplemental Pty Tax-Current	5,000.00	2,747.86	-2,252.14	54.96 %
Taxes	<u>324,700.00</u>	<u>189,637.00</u>	<u>-135,063.00</u>	<u>58.40 %</u>
Use of Money and Property				
3380 -- Interest Income	5,000.00	2,395.83	-2,604.17	47.92 %
3381 -- Unrealized Gain/Loss Invstmnts	-1,653.83	-3,153.83	-1,500.00	190.70 %
Use of Money and Property	<u>3,346.17</u>	<u>-758.00</u>	<u>-4,104.17</u>	<u>-22.65 %</u>
Intergovernmental Revenue-State				
4220 -- Homeowners Property Tax Relief	1,300.00	1,207.18	-92.82	92.86 %
Intergovernmental Revenue-State	<u>1,300.00</u>	<u>1,207.18</u>	<u>-92.82</u>	<u>92.86 %</u>
Intergovernmental Revenue-Federal				
4690 -- Payments In Lieu of Taxes	0.00	32.56	32.56	--
Intergovernmental Revenue-Federal	<u>0.00</u>	<u>32.56</u>	<u>32.56</u>	<u>--</u>
Intergovernmental Revenue-Other				
4840 -- Other Governmental Agencies	4,000.00	4,754.41	754.41	118.86 %
Intergovernmental Revenue-Other	<u>4,000.00</u>	<u>4,754.41</u>	<u>754.41</u>	<u>118.86 %</u>
Charges for Services				
4877 -- Other Special Assessments	463,117.00	269,962.62	-193,154.38	58.29 %
Charges for Services	<u>463,117.00</u>	<u>269,962.62</u>	<u>-193,154.38</u>	<u>58.29 %</u>

Financial Status (Real-Time)

As of: 2/28/2011 (66% Elapsed)
Accounting Period: OPEN

Selection Criteria: Fund = 4160

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Fund 4160 -- Mosquito & Vector Mgt District

Line Item Account	6/30/2011 Fiscal Year Adjusted Budget	2/28/2011 Year-To-Date Actual	6/30/2011 Fiscal Year Variance	6/30/2011 Fiscal Year Pct of Budget
Miscellaneous Revenue				
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	523,357.63	-393,105.54	57.11 %
Expenditures				
Salaries and Employee Benefits				
6100 -- Regular Salaries	395,621.47	248,102.24	147,519.23	62.71 %
6400 -- Retirement Contribution	83,317.97	69,386.46	13,931.51	83.28 %
6500 -- FICA Contribution	24,528.56	15,119.24	9,409.32	61.64 %
6550 -- FICA/Medicare	6,700.00	3,535.94	3,164.06	52.78 %
6600 -- Health Insurance Contrib	101,192.00	55,022.99	46,169.01	54.37 %
6700 -- Unemployment Ins Contribution	2,000.00	2,289.20	-289.20	114.46 %
Salaries and Employee Benefits	613,360.00	393,456.07	219,903.93	64.15 %
Services and Supplies				
7030 -- Clothing and Personal	4,500.00	4,072.88	427.12	90.51 %
7050 -- Communications	7,500.00	5,685.41	1,814.59	75.81 %
7070 -- Household Expense	3,000.00	1,744.98	1,255.02	58.17 %
7090 -- Insurance	30,000.00	29,210.00	790.00	97.37 %
7120 -- Maintenance - Equipment	11,000.00	7,308.48	3,691.52	66.44 %
7121 -- Operating Supplies	8,500.00	4,803.47	3,696.53	56.51 %
7124 -- IT Software Maintenance	2,200.00	0.00	2,200.00	0.00 %
7200 -- MTC-Struct/Impr & Grounds	10,000.00	3,787.80	6,212.20	37.88 %
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	5,597.75	2,902.25	65.86 %
7460 -- Professional & Special Service	65,000.00	33,311.55	31,688.45	51.25 %

Financial Status (Real-Time)

As of: 2/28/2011 (66% 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	2/28/2011 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	56,420.99	-1,420.99	102.58 %
7653 -- Training Fees & Supplies	5,000.00	2,808.00	2,192.00	56.16 %
7730 -- Transportation and Travel	9,000.00	5,834.85	3,165.15	64.83 %
7731 -- Gasoline-Oil-Fuel	10,000.00	5,636.67	4,363.33	56.37 %
7760 -- Utilities	5,000.00	2,521.04	2,478.96	50.42 %
Services and Supplies	308,650.00	181,532.23	127,117.77	58.81 %
Capital Assets				
8300 -- Equipment	0.00	1,479.00	-1,479.00	--
Capital Assets	0.00	1,479.00	-1,479.00	--
Expenditures	922,010.00	576,467.30	345,542.70	62.52 %
Changes to Reserves & Designations				
Decrease to Reserves/Designations				
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	-49,955.84	-49,062.84	5,594.16 %
Net Financial Impact	-893.00	-49,955.84	-49,062.84	5,594.16 %

Cash Balances (Real-Time)

As of: 2/28/2011
Accounting Period: OPEN

Selection Criteria: Fund = 4160,4161

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

Fund	2/1/2011 Beginning Balance	Month-To-Date Cash Receipts (+)	Month-To-Date Treasury Credits (+)	Month-To-Date Warrants and Wire Transfers (-)	Month-To-Date Treasury Debits (-)	2/28/2011 Ending Balance
4160 -- Mosquito & Vector Mgt District	681,597.99	0.00	1,252.50	17,709.38	24,373.11	640,768.00
4161 -- SB Vector-Cap Asset Reserve	313,594.05	0.00	0.00	0.00	0.00	313,594.05
Total Report	995,192.04	0.00	1,252.50	17,709.38	24,373.11	954,362.05

Vendor Disbursements

From 2/1/2011 to 2/28/2011

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
Vendor 000129 -- South Coast Landscape					
Vendor Link	02/08/2011	880		Vendor Invoice #: 8428	183.00
Total South Coast Landscape					183.00
Vendor 002786 -- ERLAB					
W - 09472030	02/04/2011	880		Vendor Invoice #: 13706; Vendor Account: MOSVEC	501.46
Total ERLAB					501.46
Vendor 004369 -- STATE DISBURSEMENT UNIT, CA					
EFT	02/10/2011	880		Vendor Account: 004369	296.77
Total STATE DISBURSEMENT UNIT, CA					296.77
Vendor 006923 -- CALIFORNIA SCHOOL BOARDS ASSOCIATION					
W - 09472342	02/08/2011	880		Vendor Invoice #: B027267-IN; Vendor Account: 00-MOSQU01	1,500.00
Total CALIFORNIA SCHOOL BOARDS ASSOCIATION					1,500.00
Vendor 017364 -- SINTON HELICOPTERS					
W - 09473920	02/22/2011	880		Vendor Invoice #: 5996	3,000.00
Total SINTON HELICOPTERS					3,000.00
Vendor 019355 -- JESSICA SPRIGG					
W - 09472713	02/10/2011	880		REIMBURSE FOR MEALS 12/20/10 & 1/11/11, & POSTAGE	14.94
Total JESSICA SPRIGG					14.94
Vendor 050379 -- ADP Inc					
EFT	02/04/2011	880		Vendor Account: 00070-E95101	136.20
EFT	02/17/2011	880		Vendor Account: 00070-E95101	200.00
EFT	02/18/2011	880		Vendor Account: 00070-E95101	45.10
EFT	02/18/2011	880		Vendor Account: 00070-E95101	168.60
Total ADP Inc					549.90

Vendor Disbursements

From 2/1/2011 to 2/28/2011

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
Vendor 132153 -- MVCAC MOSQUITO & VECTOR CONTROL ASSOC OF CA					
W - 09473921	02/22/2011	880		Vendor Invoice #: 708	500.00
				Total MVCAC MOSQUITO & VECTOR CONTROL ASSOC OF CA	500.00
Vendor 194683 -- Allied Administrators for Delta Dental					
Vendor Link	02/22/2011	880		Vendor Account: 2501-1344	236.06
				Total Allied Administrators for Delta Dental	236.06
Vendor 214614 -- Univar USA, Inc					
W - 09472343	02/08/2011	880		Vendor Invoice #: OX-502971; Vendor Account: 334985	4,032.45
				Total Univar USA, Inc	4,032.45
Vendor 252027 -- Educated Car Wash					
Vendor Link	02/08/2011	880		Vendor Account: 3735023	298.45
				Total Educated Car Wash	298.45
Vendor 285433 -- Mission Uniform Service Inc					
Vendor Link	02/15/2011	880		Vendor Account: 242387	271.58
				Total Mission Uniform Service Inc	271.58
Vendor 297454 -- VERIZON WIRELESS					
Vendor Link	02/22/2011	880		Vendor Invoice #: 0947050337; Vendor Account: 371411199-00001	273.84
				Total VERIZON WIRELESS	273.84
Vendor 308867 -- VERIZON CALIFORNIA					
W - 09473922	02/22/2011	880		Vendor Account: 01 1753 115555737906	387.49
				Total VERIZON CALIFORNIA	387.49
Vendor 346888 -- CARRIE TROUP CPA					
Vendor Link	02/22/2011	880		Vendor Invoice #: 0111V	1,325.00
				Total CARRIE TROUP CPA	1,325.00
Vendor 424150 -- JOY EQUIPMENT PROTECTION					
Vendor Link	02/04/2011	880		Vendor Invoice #: 42504	40.00

Vendor Disbursements

From 2/1/2011 to 2/28/2011

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
				Total JOY EQUIPMENT PROTECTION	40.00
Vendor 522736 -- McCormix Corporation					
Vendor Link	02/04/2011	880		Vendor Invoice #: 847098; Vendor Account: 3581	457.84
				Total McCormix Corporation	457.84
Vendor 548522 -- KENNEDYS AUTOMOTIVE CTR INC					
W - 09474601	02/28/2011	880		Vendor Invoice #: 19218	59.25
				Total KENNEDYS AUTOMOTIVE CTR INC	59.25
Vendor 556712 -- MONTECITO WATER DISTRICT - UTILITIES					
Vendor Link	02/08/2011	880		Vendor Account: 20-1620-01	42.65
				Total MONTECITO WATER DISTRICT - UTILITIES	42.65
Vendor 564677 -- MOSS,LEVY & HARTZHEIM					
W - 09472344	02/08/2011	880		Vendor Invoice #: 6617; Vendor Account: SPD176	2,150.00
				Total MOSS,LEVY & HARTZHEIM	2,150.00
Vendor 710175 -- STATE/FEDERAL TAXES & DIRECT DEPOSITS					
EFT	02/10/2011	880		Vendor Account: 710175	16,565.94
				Total STATE/FEDERAL TAXES & DIRECT DEPOSITS	16,565.94
Vendor 740582 -- SERVICEMASTER OF SANTA BARBARA					
W - 09472345	02/08/2011	880		Vendor Invoice #: 399070; Vendor Account: VE603	180.00
				Total SERVICEMASTER OF SANTA BARBARA	180.00
Vendor 767200 -- SOUTHERN CALIFORNIA EDISON					
Vendor Link	02/08/2011	880		Vendor Account: 2-03-674-6246	138.77
				Total SOUTHERN CALIFORNIA EDISON	138.77
Vendor 767800 -- THE GAS COMPANY					
Vendor Link	02/22/2011	880		Vendor Account: 067 514 4833 0	45.97
				Total THE GAS COMPANY	45.97
				Total Mosquito & Vector Mgt District	33,051.36

Vendor Disbursements

From 2/1/2011 to 2/28/2011

Selection Criteria: Fund = 4160

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

Fund 4160 -- Mosquito & Vector Mgt District

<u>Disbursement</u>	<u>Disbursement Date</u>	<u>Dept</u>	<u>Purchase Order</u>	<u>Remit Description</u>	<u>Amount</u>
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MOSQUITO and VECTOR MANAGEMENT DISTRICT of Santa Barbara County

DISEASE SURVEILLANCE REPORT

February 2011

West Nile Virus Activity

No West Nile Virus (WNV) activity has been detected in Santa Barbara County in 2011 to date. Statewide, one WNV positive mosquito pool has been reported from Riverside County near the Salton Sea.

Statistics for California WNV activity in can be found online at 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.

Sentinel Chicken Flocks

The 2010 sentinel chicken season has ended. All sentinel chicken blood samples tested negative for WNV and other mosquito-borne viruses for the 2010 season.

District personnel picked up 30 new chickens at Demler Egg Ranch in San Jacinto, California on February 24, 2011. These new chickens will replace the 2 year old chickens at the Carpinteria Sanitary District and the Solvang Wastewater Treatment Plant and re-establish the flock at the U.S. Forest Service Ranger Station on Paradise Road. The 2011 sentinel chicken season will begin in early April 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.

Black Flies in Santa Ynez

A number of Santa Ynez residents have complained of being bitten by Black Flies. The District has received complaints from this same area in years past, but never so early in the year. This may be due to the unusually warm weather in January 2011. Black Flies (Diptera: Simuliidae) are very tiny blood feeding insects similar to mosquitoes except that their immature stages develop in *flowing* water. Although adult females are blood feeders, they do **not** vector any known diseases in North America. Other names for Black Flies include Buffalo Gnats, no-see-ums, and “fleas with wings.”

In response to the complaints, District personnel inspected the creeks in the Santa Ynez area and found very large populations of Black Fly larvae in Alamo Pintado Creek near Highway 246. Black Fly surveys of Santa Ynez in past years have also implicated Alamo Pintado Creek, with breeding found from Highway 246 upstream to Los Olivos. Currently, the District does not have funds to conduct control operations for Black Flies in the North County.

Santa Barbara Dog Dies from Dog Heartworm

A Santa Barbara City resident who lives near Elings Park reported to the District that her veterinarian had confirmed that her dog was suffering from Dog Heartworm, a mosquito-borne parasite. In her February 11, 2011 e-mail, she stated, “My dog was confirmed to be heartworm positive (and reconfirmed with a second blood test) approximately three weeks ago. She had not left the Santa Barbara city limits for years and had lived here all of her life.” The dog was reportedly old and weak and had to be euthanized rather than attempting treatment. The District has received similar reports like this on occasion for a number of years. In response, the District contacted Santa Barbara County Animal Services who plans to send an advisory to county veterinarians stating that Dog Heartworm is now known to be present in Santa Barbara County.

Dog Heartworm (*Dirofilaria immitis*) is a parasite that is vectored by mosquitoes, particularly the Western Treehole Mosquito (*Aedes sierrensis*). However, it can also be transmitted by other mosquito species such as the Cool-weather Mosquito (*Culiseta incidens*) and Malaria Mosquitoes (*Anopheles* sp.).

West Nile Virus Dead Bird and Squirrel Submissions

The California Animal Health and Food Safety Laboratory discontinued testing dead birds and squirrels through the winter season. Testing is scheduled to resume in March 2011.

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.

Live Mosquito-Borne Virus Surveillance

Live Mosquito-Borne Virus Surveillance trapping will resume in March 2011 weather permitting.

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°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.



MIDGE LARVAE (Diptera: Chironomidae)

A Montecito resident asked the District to identify what was living on the sides and bottom of their dog's water bowl. The insects were identified as Midge larvae (bottom half of photo). This species lives inside the silk cases (top of photo) that attach to submerged rocks and logs in water bodies or in this instance the dog's water bowl. Adult midges are flies that resemble mosquitoes, but do not feed as adults and therefore do not bite. The resident was advised that the larvae would not hurt the dog and that scrubbing out the water bowl once per week will eliminate the problem.

Mosquito and Vector Management District of Santa Barbara County

Report of District Operations - February 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	15.0	11.0						1	1.5			8.0		
Goleta Valley	32.5	12.5		1				1	2.0	1				
Rancho Embarcadero	2.0													
Isla Vista	9.0	2.0												
UCSB	24.0	2.5												
Hope Ranch														
Hidden Valley														
City of Santa Barbara	56.0	12.5							12.0	2				1
Mission Canyon														
Montecito	13.0	3.0		1										1
Summerland	6.0													
City of Carpinteria	9.0	1.5										19.0		
Carpinteria Valley	9.0	2.5							2.0					
Carpinteria Salt Marsh														
South County	175.5	47.5	0	2	0	0.0	0.0	2	17.5	3	0.0	27.0	0.0	2
North County	0.0	0.0	0	2	0	0.0	0.0	0	0.0	0	0.0	14.0	0.0	2
Monthly Totals	175.5	47.5	0	4	0	0.0	0.0	2	17.5	3	0.0	41.0	0.0	4
Year to Date	349.5	184.0	0	8	1	0.0	0.0	6	37.0	7	0.0	63.5	0.0	4

	This Month	Year to Date
Total Inspection Hours	193.0	386.5
Total Treatment Hours	47.5	184.0
Total Mileage	3,208.0	6,837.0

REPORT OF DISTRICT OPERATIONS-SLO COUNTY-JANUARY 2011

Location	Mosquito			
	Inspection Hours	Treatment Hours	Mosquito Pools	Prep
Pismo Beach		1.0		
Oceano Dunes	9.0	5.0		
Monthly Totals				
Year to Date	24.0	24.0	0.0	10.0

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

1. Received final copies of FY 2009-10 annual audit.
2. Continued development FY 2011-12 annual budget.
3. Attended VCJPA annual conference in Monterey.
4. Spending a considerable amount of time developing documents for submission to the State Water Resources Board for the NPDES permit.
5. Received request from the Grand Jury of Santa Barbara County for information regarding post retirement benefits.