

SAN JOAQUIN COUNTY MOSQUITO & VECTOR CONTROL DISTRICT

7759 SOUTH AIRPORT WAY, STOCKTON, CA 95206

Telephone: (209) 982-4675 Fax: (209) 982-0120

Website: www.sjmosquito.org Email: district@sjmosquito.org

BOARD OF TRUSTEES MEETING

AGENDA

Tuesday, July 19, 2016

1:00 P.M.

All proceedings before the Board of Trustees are conducted in English. The District does not furnish interpreters and, if one is needed, it shall be the responsibility of the person needing one. In compliance with the Americans with Disabilities Act, if you need special assistance to participate in the meetings of the District, please contact the Manager at (209) 982-4675 at least 48 hours prior to the meeting to enable the District to make reasonable arrangements to ensure accessibility.

1. CALL TO ORDER; ROLL CALL

- a. Introduction of new Trustee – Gary Haskin, Mayor, city of Escalon

- 2. PUBLIC COMMENT PERIOD** – This time is reserved for members of the public to address the Board of Trustees relative to matters within the jurisdiction of the San Joaquin County Mosquito & Vector Control District. No action may be taken on non-agenda items unless authorized by law. Speakers should hold comments on items listed as a Public Hearing until the Hearing is opened. Comments will be limited to five minutes per person.

3. CONSENT CALENDER

- a. Draft Minutes of the June 21, 2016 regular meeting of the Board of Trustees
- b. Expenditure and financial reports for June 2016
- c. District activities report for June 2016
- d. Public Information & Outreach report for June 2016
- e. Manager's report
- f. Correspondence

4. ELECTION OF SECRETARY OF THE BOARD FOR BALANCE OF CY 2016

5. RESOLUTION 16/17-01, A RESOLUTION OF THE BOARD OF TRUSTEES OF THE SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT APPROVING THE FISCAL YEAR 2016-2017 BUDGET AND RELATED FUND DESIGNATIONS AND BALANCES

6. PUBLIC HEARING FOR THE PROPOSED MOSQUITO, VECTOR AND DISEASE CONTROL ASSESSMENT FOR FISCAL YEAR 2016-17

7. RESOLUTION 16/17-02, A RESOLUTION OF THE BOARD OF TRUSTEES OF THE SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT APPROVING THE ENGINEER'S REPORT, CONFIRMING THE DIAGRAM AND ORDERING THE CONTINUATION OF THE ASSESSMENTS FOR FISCAL YEAR 2016-17 FOR THE MOSQUITO, VECTOR AND DISEASE CONTROL ASSESSMENT

8. RESOLUTION 16/17-03, A RESOLUTION OF THE BOARD OF TRUSTEES OF THE SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT ESTABLISHING SPECIAL TAX RATES AND CERTIFICATION OF ASSESSMENT FOR 2016-17

9. TRUSTEE REPRESENTATIVE FOR THE NORTHERN SAN JOAQUIN VALLEY REGION OF THE MOSQUITO AND VECTOR CONTROL ASSOCIATION OF CALIFORNIA (MVCAC)

10. STATUS REPORT RE: WEST NILE VIRUS SURVEILLANCE AND CONTROL

- Update on West Nile virus surveillance within San Joaquin County
- Update on mosquito control operations in response to WNV
- Status of Statewide West Nile virus activity

11. OTHER BUSINESS; ANNOUNCEMENT OF FUTURE BOARD AND COMMITTEE MEETINGS

- The next regular meeting of the Board of Trustees will be 1:00 p.m. Tuesday, August 16, 2016

12. ADJOURN

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 1

1. CALL TO ORDER; ROLL CALL
 - a. INTRODUCTION OF NEW TRUSTEE
Gary Haskin, Mayor, city of Escalon

Re: Agenda Item 1 The city of Escalon will take action at their 7/18/2016 meeting to appoint city of Escalon Mayor Gary Haskin to replace Joy Meeker on the District's Board of Trustees.

This item is for information only.

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/6/2016
Re: July 2016 BOT Meeting, Agenda Item 3

3. CONSENT CALENDER

- a. **Draft minutes of the June 21, 2016 regular meeting of the Board of Trustees**
- b. **Expenditure and Financial reports for June 2016**
- c. **District activities report for June 2016**
- d. **Public Information & Outreach report for June 2016**
- e. **Manager's report**
- f. **Correspondence**

The Consent Calendar consists of items that require approval or acceptance but are self-explanatory and generally require no discussion. If the Board would like to discuss any item listed, it may be pulled from the Consent Calendar and discussed separately.

If there are no items that the Board would like to discuss separately, it is recommended that the Board of Trustees approve the Consent Calendar as presented.

Attachments

**SAN JOAQUIN COUNTY MOSQUITO & VECTOR CONTROL DISTRICT
7759 SOUTH AIRPORT WAY, STOCKTON, CALIFORNIA 95206**

MINUTES OF THE BOARD OF TRUSTEES MEETING

June 21, 2016

1. Call to Order

The regular meeting of the Board of Trustees of the San Joaquin County Mosquito and Vector Control District was held Tuesday, June 21, 2016, at the District's Stockton office. President Lambdin called the meeting to order at 1:01 p.m.

Trustees Present:

Marc Warmerdam
Joy Meeker
Jay Colombini
Jack Fiori
Gary Lambdin
Greg Selna
Omar Khweiss
Francis Groen
Glenn Page
Greg O'Leary

Staff Members Present:

Eddie Lucchesi, Manager
John Fritz, Asst. Manager
Jamie Tuggle, Secretary
Emily Nicholas, Administrative Asst.

Legal Advisor: Chris Eley, Attorney at Law

Trustees Absent:

Mike Manna

2. Public Comment Period

There was no public comment.

3. Consent Calendar

- a. **Minutes of the May 17, 2016 regular meeting of the Board of Trustees**
- b. **Expenditure and Financial Reports for May 2016.**
- c. **District activities report for May 2016.**
- d. **Public Information & Outreach report for May 2016.**
- e. **Manager's report**
- f. **Correspondence**

Following review and discussion of the Consent Calendar, it was moved by Trustee Colombini, seconded by Trustee Meeker, to approve the Consent Calendar as presented; the motion was unanimously approved.

4. Report of Budget Committee; presentation of first Draft of 2016-17 Expenditure and Income Budget.

Manager Lucchesi reported that the Boards' Budget Committee of Groen, Khweiss, Fiori, and Selna met prior to the Board of Trustees meeting to review the first draft of the 2016-17 expenditure and income budgets. Administrative Assistant Emily Nicholas provided copies of the draft budget to the full Board. Manager Lucchesi provided a power point presentation that summarized the draft budget that included reserve fund designations, special tax rates, benefit assessment rates for Zones A, B, and C, and reserve fund transfers. Additional copies of supportive information for the draft budget were presented to each present Trustee. There was no action required.

5. Resolution 15/16-07 (DRAFT), a resolution of intention to levy assessments for fiscal year 2016-17, preliminarily approving the Engineer's Report, and providing for Notice of Hearing for the San Joaquin County Mosquito and Vector Control District's Mosquito, Vector, and Disease Control Assessment .

Following review and discussion, it was moved by Trustee O'Leary, seconded by Trustee Warmerdam, to approve the resolution of intention to levy assessments, preliminarily approving the engineer's report, and providing for notice of a public hearing for the District's benefit assessment for Fiscal year 2016-17; the motion was unanimously approved.

6. CLOSED SESSION (Pursuant to CGC §54956.9 and §54957.6)

A. Conference with Legal Counsel – Existing Litigation. (Subdivision (a) of §54956.9) Name of case: Morgan vs. San Joaquin County Mosquito and Vector Control District, San Joaquin County Superior Court Action No: 39-2014-00313386-CU-OE-STK.

**B. CONFERENCE WITH LABOR NEGOTIATORS (§54957.6)
Agency designated representatives: Eddie Lucchesi and Chris Eley
Employee organization: San Joaquin Mosquito Employees Association (SJMEA) Unrepresented employees: Assistant Entomologist, Assistant Manager, Bookkeeper/Administrative Assistant, Entomologist, Fish Hatchery Manager, Laboratory Technician II/Microbiologist, Mosquito Control Supervisor, Public Information Officer, Secretary**

Prior to convening to closed session, President Lambdin announced the reason for the closed session. The Board convened to closed session at 1:37 p.m. and reconvened to open session at 3:09 p.m.

REPORT OF CLOSED SESSION

President Lambdin called upon Legal Counsel Eley to provide a report of the closed session. Legal Counsel Eley reported that the Board of Trustees had met in closed session to discuss an update on current litigation, but no Board action was taken. The Board also met with Labor Negotiators regarding successor contract agreement but no Board action was taken.

7. Comments from Trustees and Staff on non-agenda items.

Trustee Meeker announced that she was not reappointed as the representative for the City of Escalon. The Escalon city council elected to leave the position vacant, while they seek additional applicants for the position.

8. Other Business; Announcement of future Board and Committee meetings.

- The next regular meeting of the Board of Trustees will be 1:00 p.m. Tuesday, July 19, 2016.
- Trustee Groen informed the Board that he will not be able to attend the July Board meeting.

9. Adjournment

There being no further business, it was moved by Trustee Warmerdam, seconded by Trustee Groen, to adjourn the meeting at 3:15 p.m.; the motion passed unanimously.

MS JOY MEEKER, SECRETARY

MR. EDDIE LUCCHESI, MANAGER

San Joaquin County Mosquito & Vector Control District
FUND BALANCE REPORT
June 2016

	SJC-55401 GEN FUND	SJC-55402 BEN ASSESSMENTS	SJC-55411 CONTINGENCIES	SJC-55412 GEN RESERVE	SJC-55413 Comp Absences	ALL FUNDS TOTAL
DISTRICT OPERATIONS						
REVENUES						
*TRANSFER IN	145,699.72	54.26	-	-	-	145,753.98
NET REVENUES	\$ 145,699.72	\$ 54.26	\$ -	\$ -	\$ -	\$ 145,753.98
EXPENSES						
**TRANSFER OUT	610,058.69	-	-	-	-	610,058.69
100,000.00		515,000.00	-	-	-	515,000.00
NET EXPENSES	\$ 710,058.69	\$ 515,000.00	\$ -	\$ -	\$ -	\$ 1,225,058.69
NET CHANGE	\$ (564,358.97)	\$ (514,945.74)	\$ -	\$ -	\$ -	\$ (1,079,304.71)
REVENUES:						
INTEREST INCOME	-	-	-	-	-	-
GENERAL REVENUES, TAXES	85,277.33	-	-	-	-	85,277.33
CHARGES FOR SERVICES	216.79	-	-	-	-	216.79
INTERGOV'T REVENUES	-	54.26	-	-	-	54.26
MISC REVENUES	60,205.60	-	-	-	-	60,205.60
TOTAL REVENUES	\$ 145,699.72	\$ 54.26	\$ -	\$ -	\$ -	\$ 145,753.98
BEGINNING BALANCE, On deposit w Auditor's, 05/31/16	7,741,085.19	646,766.14	1,172,814.00	1,969,308.00	344,954.90	11,836,409.83
ENDING BALANCE, On deposit w Auditor's, 06/30/16	7,470,269.55	131,820.40	1,172,814.00	1,969,308.00	344,954.90	10,820,767.09
REVOLVING FUND BALANCE, 06/30/16	749,122.87					749,122.87
CALCRD PAYABLE	(1,879.89)					(1,879.89)
ADJUSTED ENDING BALANCE, 06/30/16	\$ 8,217,512.53	\$ 131,820.40	\$ 1,172,814.00	\$ 1,969,308.00	\$ 344,954.90	\$ 11,836,409.83
ENDING FUND BALANCE, 06/30/15	\$ 6,839,837.47	\$ 791,649.62	\$ 1,135,016.00	\$ 2,054,264.00	\$ -	\$ 10,820,767.09

San Joaquin County Mosquito & Vector Control District
Budget and Actual Comparison
July 2015 through June 2016

	<u>Jul '15 - Jun 16</u>	<u>Budget</u>	<u>% of Budget</u>
Revenues			
MISC. REVENUES	1,217,575.99	1,216,430.01	100.09%
PROPERTY TAX	4,424,735.65	4,233,475.01	104.52%
INTEREST INCOME	31,575.53	24,910.02	126.76%
AID FRM OTHER GOVT AGENCIES	88,211.65	56,205.00	156.95%
CHARGES FOR SERVICES	2,991,413.28	2,977,729.00	100.46%
Total revenues	<u>8,753,512.10</u>	<u>8,508,749.04</u>	<u>102.88%</u>
Expenditures			
EE SALARIES & WAGES	2,407,924.41	2,379,087.02	101.21%
EMPLOYEE BENEFITS	2,538,315.89	2,623,573.07	96.75%
GEN SRVS&SUPPLIES	2,362,071.39	2,814,200.00	83.93%
Total Expenditures	<u>7,308,311.69</u>	<u>7,816,860.09</u>	<u>93.49%</u>
Net change before Other Expenditures	<u>1,445,200.41</u>	<u>691,888.95</u>	<u>208.88%</u>
Other Expenditures			
OTHER CHARGES	39,558.59	40,125.00	98.59%
CAPITAL EXPENSE	290,328.91	346,614.00	83.76%
Total Other Expenditures	<u>329,887.50</u>	<u>386,739.00</u>	<u>85.3%</u>
Surplus (Deficit)	<u>1,115,312.91</u>	<u>305,149.95</u>	

San Joaquin County Mosquito & Vector Control District Expenses by Vendor Summary

June 2016

	<u>Jun 16</u>
1000 Bulbs Com	\$ 14.76
A-1 Saw & Mower Inc.	97.99
ACE Hardware	35.02
ACME Saw N Industrial Supply	42.35
ACS All City Safety	411.83
Amazon Marketplace	493.00
AT&T	220.24
Ben Meadows Co	196.34
Best Buy	196.19
Big Valley Ford	173.36
Big W Sales	71.34
BioQuip	240.79
Buttes/Center State Pipe Supply	95.68
CA Dept. of Motor Vehicle	7.00
CalPERS	58,201.03
Capital Rubber Co., Ltd.	76.25
CDWG Inc.	40.53
Central Valley Hardware Co.	67.26
Chase Chevrolet Co.	59.38
Chevron and Texaco Card Services	1,608.36
City of Lodi	288.40
City of Stockton	172.55
Clarke Mosquito Control	1,953.28
Clutch & Brake Xchange Inc.	181.35
Creative Outdoor Environments, Inc.	300.00
Delta Dental	4,816.54
Dentoni's Welding Works, Inc.	28,990.65
Don's Mobile Glass	215.00
Eley, Christopher K	1,044.00
Elite IV Contractors Inc.	414.21
EPIC Compliance Systems LLC	501.22
Flag City Gas Station	2.25
Fresh Water Fish Co., Inc.	875.00
Google Service Apps	58.33
Grainger	323.55
HD Supply White Cap	79.70
Hewlett-Packard Financial Services Co.	43.02
Imperial Building Maintenance	342.85
Integrated DNA Technologies, Inc.	205.79
J. Milano Co., Inc.	177.86
Lodi News Sentinel	635.50
Lowe's	97.14
Lucas Business Systems	290.08
Manteca Bulletin	1,002.94
Mayaco, Marketing&Internet	13,074.00
Misc. Gas Stations	11.19
Misc. Vendors (Calcard refund)	(349.89)
Napa Auto Parts (Central Valley Motor Par	297.72
Nestle Pure Life Direct, Nestle Water	255.67
New Image Sign Co	132.14
Office Depot	232.78
Orchard Supplies Hardware	2.70
Pacific Gas&Electric Co.	3,130.55
Pauls Safe Lock & Key	6.48
Precissi Flying Service	9,996.00
Rain for Rent	11.67
Raley's	18.96
San Joaquin County ISD	405.86

San Joaquin County Mosquito & Vector Control District Expenses by Vendor Summary

June 2016

	<u>Jun 16</u>
San Joaquin County, CDD/GIS	5,000.00
San Joaquin Magazine	500.00
Shell	15.94
Smart&Final	163.34
Stockton Filter Supply Co., Inc.	413.65
Stockton Petroleum Co.	6,669.45
Stockton Scavengers Association, Inc	180.02
Tank Town Media LLC-Tracy Press	446.00
Target Specialty Products	135.00
TelePacific (Arrival Communications)	34.30
The Home Depot CRC/GECF	65.45
The Record	1,769.00
Tokay Tire Service, Inc.	3,225.82
Tom Hillier Ford	52.50
Totally Promotional	39.00
ULine	476.05
Unum Life Insurance	2,724.11
UPS Store	20.50
USA Scientific	912.76
Valent BioSciences Corp.	24,372.40
Verizon Wireless	50.26
Vision Service Plan CA	752.57
VWR International	736.02
Wilbur-Ellis	2,088.18
Yosemite Meat & Deli	70.00
TOTAL	<u><u>\$ 183,498.06</u></u>

SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
District Activities Report

June 2016

Work Completed:

CONTINUATION OF SWIMMING POOL INSPECTIONS

The District continues to work with the County Assessor's office and the County GIS department to develop a list of properties with swimming pools that are either in default or full foreclosure. There were 13 pools identified in the June list, down from 14 in May. Technicians also inspected known pools and anonymously reported pools throughout the month.

GENERAL FIELD ACTIVITIES

Technicians continued inspecting and treating both rural and urban sources throughout the District. Irrigated pastures, dairies and agricultural drains/ponds constituted a significant part of the rural applications and swimming pools remain the major breeding source in urban areas. Approximately 5,100 acres of rice fields were larvicided by air in June. Rice field applications will continue consistently until draw down in September. In addition to rice fields, aerial larvicide applications were conducted on wetland habitat areas and sloughs with heavy aquatic vegetation present. Service requests dropped 30% in June as compared to May as we saw some of the more pestiferous mosquito species populations drop.

WEST NILE VIRUS ACTIVITY AND RESPONSE

West Nile virus (WNV) activity increased substantially in June. 38 positive mosquito pools were identified along with 10 positive dead birds as compared to 28 positive mosquito pools and 1 dead bird in June of 2015. WNV was found primarily in Stockton, Delta areas and to a lesser extent in the southern part of the county. In response, the District aerial adulticided 25,400 acres and treated 10,000 acres by ground ULV units to minimize the adult mosquito population in areas with high WNV activity. Also, areas of concern were inspected aggressively to ensure that any known mosquito breeding sites are under control and attempt to find additional unknown sites that may be contributing to the mosquito population. Lab staff will begin expanding trapping in certain areas to determine the extent of localized virus.

TOTAL TREATMENT WORK CONDUCTED IN JUNE

GROUND WORK

2681 Acs Larvicided
10174 Acs Adulticided
41 Acs Herbicided

AERIAL WORK

6089 Acs Larvicided
25385 Acs Adulticided

SERVICE REQUESTS

128 Mosquitoes

32 Fish Requests

54 Neglected Pools

8 Misc

WORK SCHEDULED FOR JULY

- CONTINUE TO INSPECT NEGLECTED SWIMMING POOLS REPORTED FROM THE PUBLIC AND IDENTIFIED ON THE UPDATED LIST OF HOME FORECLOSURES.
- CONTINUE MONITORING CATCHBASIN TREATMENT EFFICACY.
- CONTINUE COMPLETE ZONE INSPECTIONS / TREATMENTS.
- CONDUCT WIDE AREA AERIAL ULV APPLICATIONS IF NECESSARY.
- CONTINUE INVASIVE AEDES SURVEILLANCE.

PUBLIC INFORMATION & OUTREACH MONTH END REPORT

For month ending June, 2016

To: Ed Lucchesi, Manager

From: Aaron Devencenzi, PIO

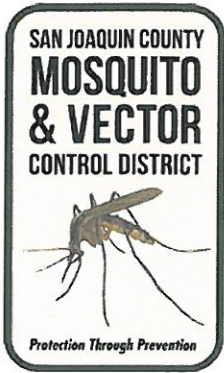
Monthly Activities:

- Advertisement / Public Service Announcements: Cumulus Radio (four stations) and Entravision Hispanic Radio (two stations) continue to run 30 and 60 second spots promoting "Dump and Drain", and the use of repellants. The digital billboards, on Hwy 99 and Arch/Airport, continue to run ads: "Dump and Drain" and "Report Dirty Swimming Pools" & "Mosquitofish Giveaway." San Joaquin magazine has a ½ page color advertisement in the June issue.
- During the month, six spray alerts and one news release were sent. The news release, titled "Eight Annual Mosquitofish Giveaway / June 27 through July 1, 2016", was sent on June 24, 2016. The news release prompted KCRA 3 to ask for mosquitofish photos and ABC 10 to interview me. Several local newspapers printed the mosquitofish schedule.
- For the period of June 1 through June 30, there were 6,053 visitors to the website. The site averaged 201 visitors per day. The District's website was updated with Board agenda and minutes. Mosquitofish Giveaway pdf links were placed throughout the website.
- Mosquitofish giveaway worked performed: advertisement developed, schedule and placed in the Record, Tracy Press, Lodi News Sentinel, Manteca Bulletin, Escalon Times and Ripon paper through Manteca Bulletin. I ordered fish buckets, gathered giveaway items and attended each event location. Residents were given mosquitofish, mosquitofish food, informational brochure, an invasive species flyers asking them to report "daytime biting mosquitoes". Below are the results of residents receiving fish: Escalon- 8, Lathrop- 3, Lodi- 28, Manteca- 13, Tracy- 21, Ripon- 8, and Stockton- 45 with a total of 126 people.
- Four presentations were given to employees at Simplot. In addition, a presentation was given to the Ripon Rotary and residents in Thornton at the Thornton MAC Board meeting. Each presentation focused on mosquito biology, District services, potential invasive species and exotic diseases. Total people in attendance at all presentations- 139.
- The District had a booth at the San Joaquin County Fair in the Ag. Building. General information was available at the displayed.
- I weekly monitor the safety supply cabinets and purchase replacement supplies as necessary.
- I attended the CDPH PIO conference call and represented the District at the Agriculture Drought Task Force meeting sponsored by OES. I also began working with SJC PH in developing a risk communication plan for several scenarios of invasive species and exotic diseases.

MANAGER'S REPORT

For the period June 15, 2016 through July 12, 2016

- Worked with Dentoni's Welding to complete fabrication and installation of additional fencing to match the new Security Gate for the Stockton yard. This project was included in the 2016/17 FY budget.
- I worked with Emily Nicholas to finalize the 2016-17 expenditure and income budget. The District's budget committee has met twice prior to the May and June regular BOT meetings to review the 2015-16 budget projections and actual revenue and expenditures through the month of May. Based on those numbers, we were able to better establish an accurate picture relative to routine expenditures, and examine the needs of the District. During the June 2016 BOT meeting, the full Board then received a summary of the 2016-17 "Draft" budget for their review. On the income side, we proposed to maintain the current benefit assessment rate, which has been included in the engineer's report from SCI. Additionally, we were informed by the County Administrator's office that projected property tax revenue will increase by approximately 5%. The budget will include changes to reserve fund designations and balances to coincide with existing reserve fund designations provided by the SJC Auditor-Controller. Expenditures for 2016-17 were revised from that presented in the prior "Draft" budget to reflect the successor salary / benefit proposal agreed to by the Board. A final draft budget and supplemental information is included in the Board packet. Staff will present the final "draft" budget and propose for adoption during the regular Board meeting on July 19th.
- Legal Counsel Eley and I met with represented employees and I met once with unrepresented employees with regards to contract negotiations. As stated previously, the current three year contract agreement with both represented and unrepresented employees concluded on June 30, 2016. I provided both groups the Board's response and proposals and am happy to report that we are moving forward with a new three year contract agreement (July 1, 2016 – June 30, 2019). The new contracts include the equity adjustments based on the results from the District's salary survey, plus a 1.5% COLA offered by the Board for FY 2016/17. Effective 7/1/17 and 7/1/18, the District will provide a COLA per CPI increase for the 12 month period ending March 31st of each year, rounded to the nearest 1/10% with a minimum of 1% to a maximum of 3%. I am in the process of updating the Memorandum of Understanding for both the represented employees and un-represented employees that reflects the new three year contract.
- We have experienced a substantial increase in West Nile virus (WNV) activity in the past month due to the higher than average temperatures. Our trap weeks are number sequenced, and Week 26 (June 26 – July 2, 2016) proved to be the most active week (number of mosquitoes collected that were positive for WNV) on record since WNV arrived in our County in 2004. The majority of WNV infected mosquitoes were collected from the delta area just west and north of Stockton. The District responded by completing a large scale aerial adulticide application to approximately 15,000 acres. We realized a reduction in both mosquito population and WNV infected mosquitoes the following week; however, the height of activity prompted the District to post a news release prior to the 4th of July holiday. The notice reminded residents to be vigilant, and guard themselves against mosquito bites. Entomologist Shaoming Huang will provide a status report on WNV activity in the County, and the State, at the July Board meeting. Agenda Item # 10. (Attachment)



7759 S. Airport Way
Stockton, CA 95206

Request for Service
209.982.4675 or
1.800.300.4675
www.sjmosquito.org

Fight The Bite!

>**Dump & Drain**
standing Water

>**Dusk & Dawn** are
when mosquitoes
that carry WNV are
most active.

>**DEET** is an effective
ingredient to look
for in insect
repellents

News Release

For Immediate Release
July 1, 2016
NR16-04

Aaron Devencenzi
Public Information Officer
Office: (209) 982-4675

FIGHT THE BITE - JULY 4TH WEEKEND **WEST NILE VIRUS IS VERY ACTIVE THIS YEAR**

(STOCKTON, CA) – San Joaquin County Mosquito and Vector Control District (District) cautions residents to beware of mosquitoes while outdoors. “This week is one of the most active weeks of West Nile virus (WNV) found in mosquito samples since the arrival of WNV in San Joaquin County (2004)” said Shaoming Huang, Ph.D., District Entomologist. “Taking these simple precautions, can reduce risk of mosquito-borne disease”, said Huang.

- Apply insect repellent containing the active ingredient DEET or Picaridin when outdoors, according to label instructions.
- When outdoors, wear long pants, long-sleeved shirts and other protective clothing.
- Eliminate all sources of standing water on your property that can support mosquito breeding.
- Exclude mosquitoes from your home with tight fitting screens on doors and windows.
- Report significant mosquito infestations to San Joaquin County Mosquito & Vector Control District at www.simosquito.org (209) 982-4675, 1-800-300-4675.
- Report dead birds to 1-877-WNV-BIRD (1-877-968-2473) or www.westnile.ca.gov.

For additional information, request service, and/or to sign up for the District's spray notification system, go to www.sjmosquito.org

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Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 3f

3f. Correspondence Information

1. Letter from the Escalon City Manager regarding Trustee appointment, and e-mail communication from the City Manager informing District that Mayor Gary Haskin will be the representative for the city of Escalon at the July 2016, BOT meeting.
2. Letter from State of California Water Resources Control Board confirming coverage under the NPDES Vector Control general permit.

Attachment



CITY OF ESCALON

June 22, 2016

San Joaquin County Mosquito & Vector
Control District
Atten: Eddie Lucchesi, Manager
7759 South Airport Way
Stockton, CA 95206-3918

RE: SJ MOSQUITO & VECTOR REPRESENTATIVE FROM ESCALON

Dear Mr. Lucchesi:

At the June 20, 2016 City Council meeting, it was the decision of the Escalon City Council to leave the current representative position of Escalon vacant. The City Council, by a unanimous vote, did not re-appoint the current representative, Joy Meeker, and wish to leave the position vacant while efforts are made to seek another representative. The City will be advertising in the local paper, City website, and through facebook along with community outreach through the City Council.

Should you have any questions or need further information, please feel free to contact me at (209) 691-7421.

Sincerely,

A handwritten signature in cursive script that reads "Tammy Alcantor".

Tammy Alcantor
City Clerk

cc: Mayor Gary Haskin

Eddie Lucchesi

From: Tammy Alcantor
Sent: Friday, July 08, 2016 2:48 PM
To: 'elucchesi@sjmosquito.org'
Subject: Escalon Representative

Mr. Luchesi,

I wanted to follow up with an email regarding our phone conversation this morning. The City of Escalon intends to appointee the Mayor, Gary Haskin as the representative at City Council meeting on July 18th , 2016.

When we originally spoke you had stated that July would be Ms. Meeker's last meeting. Mayor Haskin has indicated that he would like to be the representative at the meeting on the 19th. It would be the intention of the Council to make the appointment effective immediately.

Please let me know if you need any additional information.

Thank you,

*Tammy Alcantor
City Manager
Finance Director|HR Administrator|City Clerk
City of Escalon
2060 McHenry Avenue
Escalon CA 95320-9484
phone: 209.691.7421
fax: 209.691.7409*

This email and any files or attachments transmitted with it may contain privileged or otherwise confidential information. If you are not the intended recipient, or believe that you may have received this communication in error, please advise the sender via reply email and immediately delete the email you received.

City of Escalon 2060 McHenry Ave. Escalon, CA 95320

State Water Resources Control Board

July 1, 2016

Eddie Lucchesi
San Joaquin County Mosquito and Vector Control District
7759 South Airport Way
Stockton CA, 95206-3918

NOTICE OF APPLICABILITY FOR STATEWIDE VECTOR CONTROL PERMIT; SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT;

Dear Eddie Lucchesi:

Thank you for submitting your complete application package for coverage under the Statewide Vector Control Permit¹. Effective July 1, 2016, the Vector Control Permit regulates discharges of biological and residual chemical pesticides resulting from pesticide applications using the following active ingredients:

Larvicides

- Bacillus Sphaericus
- Bacillus Thuringiensis Subspecies Israelensis
- Methoprene
- Monomolecular Films
- Petroleum Distillates
- Spinosad
- Temephos

Adulticides

- Deltamethrin
- Etofenprox
- Lambda-Cyhalothrin
- Malathion
- N-octyl Bicycloheptene
- Dicarboximide (MGK-264)
- Naled
- Permethrin
- Piperonyl Butoxide
- Prallethrin
- Pyrethrin
- Resmethrin
- Sumithrin

In addition to the active ingredient list above, the Vector Control Permit regulates point source discharges of biological and residual pesticides from the application of minimum risk pesticides². Users of products containing these ingredients or minimum risk pesticides are required to obtain

¹ Statewide National Pollutant Discharge Elimination System (NPDES) Permit for Biological and Residual Pesticide Dischargers to Waters of the United States from Vector Control Applications; State Water Board Order 2016-0039-DWQ adopted March 1, 2016 ;

² Minimum risk pesticides are pesticides that the United States Environmental Protection Agency has exempted from the Federal Insecticide, Fungicide, and Rodenticide Act requirements when used in a manner specified in section 152.25 of Title 40, Code of Federal Regulations.

coverage under the Vector Control Permit prior to application at, near, or over waters of the United States.

Notice of Applicability

Based on the information submitted in the application package, including the Notice of Intent and the Pesticide Application Plan dated April 27, 2016, the discharge as described below satisfies the conditions of the Vector Control Permit. Staff has deemed the application package complete and has assigned an enrollee number of 5B39NP00022. This Notice of Applicability implements regulatory coverage under the Vector Control Permit for the application described below, effective as of the date of this letter.

Discharge Description

The San Joaquin County includes surface waters of the U.S. The major cities in the county are Delano, Fresno, Bakersfield, Stockton, Modesto, Visalia, Porterville, Merced, Madera, and Hanford. The San Joaquin Valley extends from the Sacramento – San Joaquin River Delta in the north, to the Tehachapi Mountains in the south, and from the various California coastal ranges from Mount Diablo in the north to the Temblor Range in the south and the west, and to the Sierra Nevada in the east. Larvicide and adulticide applications may occur anywhere in the specified region to bodies of water when deemed necessary by key mosquito and arbovirus surveillance indicators.

General Permit Requirements

To comply with the Vector Control Permit, the San Joaquin County Mosquito and Vector Control District shall:

- a. Provide a copy of the Notice of Intent, the Pesticide Application Plan, and all other related materials to the aquatic pesticide applicators.
- b. Ensure that all entities receiving regulatory coverage under this Notice of Applicability understand the terms and conditions of the permit.
- c. Take all necessary steps to minimize or prevent pesticide spills, biological pesticide and chemical pesticide residue polluted water, and other pollutants from entering waters of the United States (in violation of permit requirements).
- d. Review and update the effectiveness and adequacy of the control measures and best management practices (BMPs). Submit all changes to: (1) the BMPs proposed in the Notice of Intent, (2) the Pesticide Application Plan, or other provided information, to the State Water Board for review and comment.
- e. Submit all information required in this Notice of Applicability and Vector Control Permit to the following address:

State Water Resources Control Board
Division of Water Quality
Attention: Gil Vazquez
1001 I Street, 15th Floor
Sacramento, CA 95814

Discharge Monitoring and Reporting Requirements

To comply with the monitoring and reporting requirements of the Vector Control Permit, the San Joaquin County Mosquito and Vector Control District shall:

- a. Timely inspect receiving waters, control measures, and BMPs to detect any conditions which may cause violations of the receiving water limitations and other requirements in the Vector Control Permit.
- b. Conduct monitoring and reporting in compliance with the provisions and requirements in Monitoring and Reporting Program (Attachment C) of the Vector Control Permit.
- c. Submit annual monitoring reports by March 1 of each year.
- d. Include the following certification in all monitoring reports:

"I certify under penalty of law that this document and all enclosures were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

If you have any questions regarding this Notice of Applicability or the Vector Control Permit, please contact Mr. Gil Vazquez in the NPDES Wastewater Unit of the Division of Water Quality at (916) 322-1400 or Gil.Vazquez@waterboards.ca.gov.

Sincerely,



Karen Larsen, Deputy Director
Division of Water Quality

cc: Pascal Mues
NPDES Permits Office
U.S. EPA Region 9, WTR-5
75 Hawthorne Street
San Francisco, CA 94105

Pamela Creedon
Executive Officer
Central Valley Regional Water Quality Control Board

Nichole Morgan
Supervising Water Resource Control Engineer
Central Valley Regional Water Quality Control Board-Sacramento

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 4

4. ELECTION OF SECRETARY OF THE BOARD FOR BALANCE OF CY 2016

The Board of Trustees annually elects from its members the officer positions of President, Vice President, and Secretary. This process is completed in the month of December.

The current officers are President –Gary Lambdin, Vice-President – Jay Colombini and our Secretary was former Trustee Joy Meeker.

The District has an immediate need to fill the position of Secretary. The Board can take action to nominate and elect a trustee to the position of Secretary that will extend thru the end of this calendar year.

This item requires Board action.

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 5

5. RESOLUTION 16/17-1, A RESOLUTION OF THE BOARD OF TRUSTEES OF THE SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT APPROVING THE FISCAL YEAR 2016-17 BUDGET AND RELATED FUND DESIGNATIONS AND BALANCES

Attached are draft resolution 16/17-1 and the final drafts of the proposed 2016-17 expenditure and income budgets. The draft budgets were handed out to the full Board at the June BOT meeting, and included several support documents.

Staff will review the proposed expenditure and income budget with the Board of Trustees. Following review and discussion, the Board will consider the adoption of Resolution 16/17-1 that approves the 2016-17 budget and related fund designations and balances.

This item requires Board action.

Attachments

RESOLUTION 16/17-1

RESOLUTION OF THE BOARD OF TRUSTEES OF THE
SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
APPROVING THE FISCAL YEAR 2016-17 BUDGET AND RELATED FUND
DESIGNATIONS AND BALANCES

APPROVAL OF BUDGET

WHEREAS, the FY2016-17 budget and related fund designations and balances of the San Joaquin County Mosquito and Vector Control District (the District) have been prepared by the District Manager and recommended for adoption by the Board of Trustees' Budget Committee.

NOW THEREFORE IT IS RESOLVED, that the FY2016-17 budget of the District presented as schedule A to this resolution, is hereby approved; and

BE IT FURTHER RESOLVED that the Board of Trustees hereby recognizes the following fund designations and fund balances effective July 1, 2016:

<u>Fund designation</u>	<u>Fund description and associated balance(s)</u>
55401	General Fund: which includes an unallocated general reserve (designated as 55401-101) of \$3,849,949.00 for financing of maintenance and operations between receipt of periodic property tax revenue allocations from the SJC Auditor-Controller
55402	Benefit Assessment Fund: which includes revenue from the <i>MOSQUITO, VECTOR AND DISEASE CONTROL BENEFIT ASSESSMENT</i>
55411	Contingency Fund (committed): \$1,227,675.00
55412	General Reserve Fund (committed): \$2,110,000.00 consisting of \$1,650,000.00 for public health emergencies (designated as 55412-101), \$460,000.00 for capital and asset preservation (designated as 55412-102)
55413	General Reserve Fund (committed): \$195,161.00 consisting of 95,161.00 for accrued employee leave (designated as 55413-101), and \$100,000.00 for accrued employee sick leave bank (designated as 55413-102)

BOARD OF TRUSTEES

AYES _____

NOES _____

ABSENT _____

ABSTAIN _____

SIGNED: _____
GARY LAMBDIN, PRESIDENT

ATTEST: _____
BOARD SECRETARY

DATE: _____

San Joaquin County Mosquito & Vector Control District

Budget Worksheet: Proposed Special Tax Rates, Benefit Assessment Rates, and Fund Transfers for FY2016-17

Proposed Special Tax Rates for FY2016-17

- Rate #2 - \$0.0002194 per square foot (single family residential land)
- Rate #3 - \$0.00021993 per square foot (multi-residential land)
- Rate #4 - \$0.00029316 per square foot (commercial/industrial land)
- Rate #0.1 - \$0.00000735 per square foot (irrigated agriculture land)
- Rate #0.05 - \$0.00000344 per square foot (non-irrigated agriculture land)

These are the maximum rates as allowed by the special tax election of 1981 (Measure "A", 1981); same rates as 1991-92 through 2015-16

Proposed Benefit Assessment Rates for FY2016-17

Zone A: EIGHT DOLLARS AND FORTY-TWO CENTS (\$8.42) per single family equivalent unit (SFE)

Zone B: EIGHT DOLLARS AND ZERO CENTS (\$8.00) per single family equivalent unit (SFE)

Zone C: EIGHT DOLLARS AND EIGHTY-FIVE CENTS (\$8.85) per single family equivalent unit (SFE)

¹

¹ Maximum rate of \$9.68 as allowed by benefit assessment election (SJCMVCD Benefit Assessment, 2005)

Zone Year	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
A	\$7.58	\$7.74	\$7.95	\$7.95	\$8.42	\$8.42	\$8.42
B	\$7.20	\$7.35	\$7.55	\$7.55	\$8.00	\$8.00	\$8.00
C	\$7.96	\$8.13	\$8.35	\$8.35	\$8.85	\$8.85	\$8.85

2016-17 FY reflects Zone A rate at \$8.42; Zone B rate is discounted 5% from Zone A; Zone C rate is a 5% premium (+) over Zone A rate.

Zone A: Special Service Level

Zone B: Reduced Special Service Level

Zone C: Special Service Level with Extraordinary Habitat

Proposed Fund Transfers for FY2016-17

- Transfer 2015-16 accrued interest revenues from Committed Reserve Fund 55411 and Committed Reserve Fund 55412 to General Fund 55401
- Transfer \$150,000 from General Fund Account 55401 to Committed Reserve Account 55412-101 – Public Health Emergencies
- Transfer \$62,103 from General Fund 55401 to Committed Reserve account 55411-000 – Contingencies
- Transfer \$40,161 from General Fund Account 55401 to Committed Reserved Account 55413-101 (Accrued Vacation Leave)
- Transfer \$40,000 from General Fund Account 55401 to Committed Reserve Account 55413-102 (Accrued Employee Sick Leave Bank)

San Joaquin County Mosquito & Vector Control District
Budget Overview

FINAL

July 1, 2016 to June 30, 2017

	<u>Jul 1, '16 - June, 2017</u>	
REVENUES		
MISC. REVENUES	\$	588,252.00
PROPERTY TAX	\$	4,805,972.00
INTEREST INCOME	\$	49,520.00
INTERGOVERNMENTAL REVENUES	\$	95,020.00
CHARGES FOR SERVICES	\$	3,018,644.00
TOTAL REVENUES	\$	<u>8,557,408.00</u>
EXPENDITURES		
EE SALARIES & WAGES	\$	2,591,474.00
EMPLOYEE BENEFITS	\$	2,363,570.00
GEN SRVS&SUPPLIES		
OFFICE EXPENSE GEN	\$	10,000.00
COMMUNICATIONS	\$	25,000.00
MEMBERSHIPS	\$	22,500.00
MAINT-EQUIPMENT	\$	75,000.00
FUEL, LUBE & OIL	\$	120,000.00
RENTS&LEASES-EQUIP	\$	10,000.00
TRANS&TRAVEL	\$	28,000.00
AUDITORS PAYROLL/AP/OTHERS	\$	3,500.00
AUDTR TAX ASSMNT CHRGS	\$	32,000.00
PROF&SPEC SRVS	\$	490,000.00
TX ADMIN CHRGS	\$	85,000.00
LAB EXP	\$	40,000.00
PERMITS/LIC'S OTHER	\$	8,500.00
SOFTWARE TECHSUP/LIC	\$	45,000.00
COMMUNITY OUTREACH	\$	45,000.00
FISH FOOD	\$	5,500.00
DISTRICT SPEC EXP	\$	2,500.00
TRAINING-ED EXPENSES	\$	2,500.00
INSURANCE	\$	219,000.00
MISC EXP	\$	1,500.00
CLTHIN&PRSNAL SUPP	\$	18,000.00
HOUSEHOLD EXP	\$	17,500.00
UTILITIES	\$	40,000.00
AGRI CHEM	\$	1,430,000.00
MAINT STRUCT&GROUNDS	\$	40,000.00
RENT-STRUCT&GROUND	\$	7,000.00
SM TOOL&INSTRMNT	\$	2,500.00
GEN SRVS&SUPPLIES	\$	<u>2,825,500.00</u>
OTHER CHARGES		
CONTRI OTHER AGENCY	\$	42,000.00
TXS&ASSMNTS	\$	100.00
OTHER CHARGES	\$	<u>42,100.00</u>
CAPITAL EXPENSE		
STRUCT& IMPROVS	\$	127,500.00
EQUIPMENT	\$	315,000.00
CAPITAL EXPENSE	\$	<u>442,500.00</u>
TOTAL EXPENDITURES	\$	<u>8,265,144.00</u>
NET CHANGE	\$	<u>292,264.00</u>

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 6

6. PUBLIC HEARING FOR THE PROPOSED MOSQUITO, VECTOR AND DISEASE CONTROL BENEFIT ASSESSMENT FOR FISCAL YEAR 2016-17

Hearing Protocol

1. The **President** of the Board of Trustees will announce the public hearing for the proposed Mosquito, Vector and Disease Control Benefit Assessment for Fiscal Year 2016-17.
2. **Legal Counsel** will describe the hearing process:
 - a. Staff report
 - b. Board comments and/or questions of staff
 - c. Public comments and/or questions of staff
 - d. Close public hearing
3. **Staff and SCI Consulting Group representatives** will provide a staff report, which will include a description of the benefit assessment and its intended use if adopted.
4. The **Board of Trustees** will then be provided an opportunity to question staff regarding their report.
5. The hearing will then be opened to the public for comments and questions regarding the staff report. Any member of the **public** is encouraged to speak or provide written comments. We request that any comments be limited to 5 minutes.
6. Following the public comment period, the **President** will close the public hearing and the matter will be brought back to the attention of the Board. The **Board** can consider the proposed assessment per Resolution 16/17-02 (Agenda Item 6).

STAFF REPORT FOR AGENDA ITEM 6: Public hearing for the proposed Mosquito, Vector and Disease Control Benefit Assessment for Fiscal Year 2016-17

PRESENTED BY: District Manager Eddie Lucchesi

BACKGROUND:

Resolution 15/16-07, adopted by the Board of Trustees June 21, 2016, approves the intention to levy assessments for fiscal year 2016-17, preliminarily approving the engineer's report, and providing for notice of public hearing for the District's Mosquito, Vector and Disease Control Assessment. If adopted, Resolution 16/17-02 approves the Engineer's Report and orders the levy of the assessment on the basis of single family equivalent (SFE), at the rates of: Zone A-\$8.42 /SFE, Zone B-\$8.00/SFE, and Zone C-\$8.85/SFE; the maximum rate for any zone is \$9.68/SFE.

In 2005, the District's property owners approved a yearly fee of \$7.58/SFE for the Mosquito, Vector and Disease Control Assessment by 71.41% of the weighted ballots. Included in the voter approval was an inflation escalator allowing for a 3% per year inflationary increase to the assessment. State law requires the District to renew the base assessment and any inflationary increase each year through a public hearing process.

The Board of Trustees is now conducting a public hearing to consider the assessments for fiscal year 2016-17 to fund its programs and services. The District provides services and programs for disease and vector surveillance, disease prevention, control of vectors using integrated pest management methods and quality assessment. The mosquito abatement, vector control, and disease prevention projects and programs include, but are not limited to, source reduction, ground and aerial surveillance and control applications, disease monitoring, public education, quality control and applied research as well as maintenance of buildings, grounds and equipment and operating expenses. The District's services encompass approximately 1,400 square miles and are provided to properties accommodating approximately 690,000 residents. The majority of the District's funding is generated by a percentage of the 1% property tax collected from San Joaquin County property owners. Any property owner who feels that the assessment levied on the subject property is in error as a result of incorrect information being used to apply the foregoing method of assessment, may file a written appeal with the District's manager or his or her designee. Any such appeal is limited to correction of an assessment during the then current Fiscal Year or, if before July 1, the upcoming fiscal year.

In each subsequent year for which an assessment will be continued, the Board must:

- Preliminarily approve at a public meeting a budget for the upcoming fiscal year's costs and services;
- Preliminarily approve at a public meeting an updated annual Engineer's Report;
- Provide an updated assessment roll listing all parcels and their proposed assessments for the upcoming fiscal year;
- Call for the publication in a local newspaper of a legal notice of the intent to continue the assessments for the next fiscal year and set the date for the noticed public hearing.

At the annual public hearing, members of the public can provide input to the Board prior to the Board's decision on continuing the services and assessments for the next fiscal year. The yearly assessment is subject to an annual adjustment tied to the Consumer Price Index for the San Francisco Area as of December of each succeeding year (the "CPI"), with a maximum annual adjustment not to exceed 3%. The yearly assessment rate per single family equivalent (SFE) benefit unit for the Mosquito, Vector and Disease Control Assessment may increase in future years by an amount equal to the annual change in the CPI, not to exceed 3% per year. In the event that the annual change in the CPI exceeds 3%, any percentage change in excess of 3% can be cumulatively reserved and can be added to the annual change in the CPI for years in which the CPI change is less than 3%. The assessments for FY 2015-16 were levied at the yearly rates of \$8.42 (Zone A), \$8.00 (Zone B), and \$8.85 (Zone C) per SFE as described in the Engineer's Report for fiscal year 2015-16 with estimated total annual revenue of approximately \$1,906,779

The fiscal year 2016-17 assessment budget includes:

- Mosquito and vector surveillance, control and abatement
- Surveillance and testing for vector-borne diseases
- Rearing and distribution of mosquitofish
- Public outreach and education

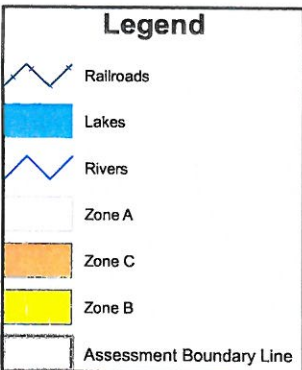
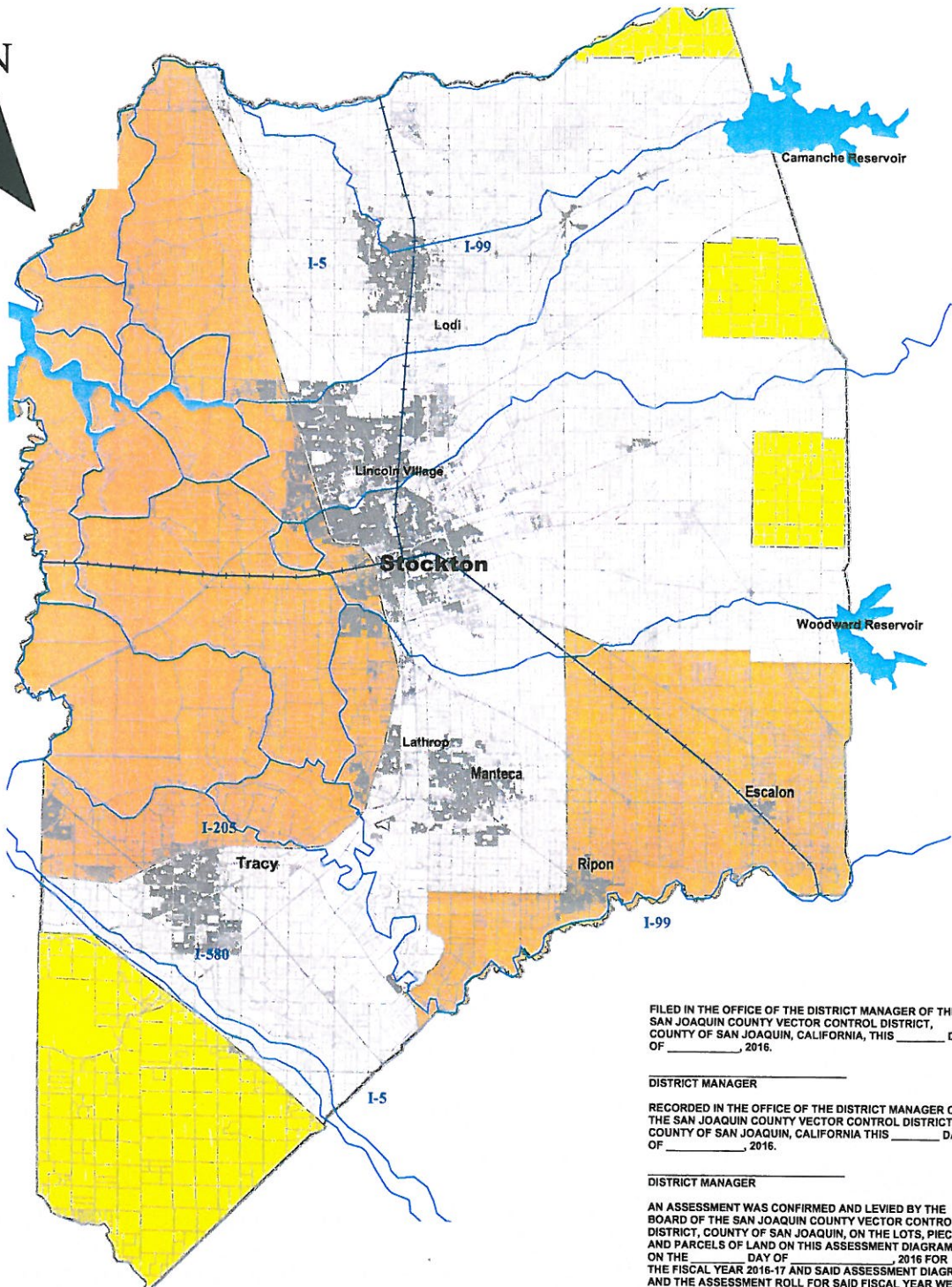
The annual CPI change for the San Francisco Bay Area from December 2014 to December 2015 was 3.17% and the Unused CPI carried forward from the previous fiscal year is 0.00%. Therefore, the maximum authorized assessment rates for fiscal year 2016-17 is increased by 3% which equates to \$9.16, for Zone A, \$8.70 for Zone B, and \$9.68/SFE for Zone C, which equates to the 3% maximum allowed annual increase. Therefore, the maximum CPI increase that can be used in fiscal year 2016-17 is 3%.

MANAGER'S RECOMMENDATION:

I recommend the acceptance and adoption of Resolution 16/17-02, which continues the benefit assessment rates of \$8.42 (Zone A), \$8.00 (Zone B), and \$8.85 (Zone C) per single family equivalent family unit, in order to properly finalize and adopt the assessment proceedings accordingly defined in Proposition 218. As stated earlier in this report, these rates are below the maximum authorized assessment rate of \$9.68/SFE.

FISCAL IMPACT:

By ordering the levy of assessments the District will receive an amount approximated at \$1,930,100 for the fiscal year 2016-17 budget.



FILED IN THE OFFICE OF THE DISTRICT MANAGER OF THE SAN JOAQUIN COUNTY VECTOR CONTROL DISTRICT, COUNTY OF SAN JOAQUIN, CALIFORNIA, THIS _____ DAY OF _____, 2016.

DISTRICT MANAGER

RECORDED IN THE OFFICE OF THE DISTRICT MANAGER OF THE SAN JOAQUIN COUNTY VECTOR CONTROL DISTRICT, COUNTY OF SAN JOAQUIN, CALIFORNIA THIS _____ DAY OF _____, 2016.

DISTRICT MANAGER

AN ASSESSMENT WAS CONFIRMED AND LEVIED BY THE BOARD OF THE SAN JOAQUIN COUNTY VECTOR CONTROL DISTRICT, COUNTY OF SAN JOAQUIN, ON THE LOTS, PIECES AND PARCELS OF LAND ON THIS ASSESSMENT DIAGRAM ON THE _____ DAY OF _____, 2016 FOR THE FISCAL YEAR 2016-17 AND SAID ASSESSMENT DIAGRAM AND THE ASSESSMENT ROLL FOR SAID FISCAL YEAR WERE FILED IN THE OFFICE OF THE COUNTY AUDITOR OF THE COUNTY OF SAN JOAQUIN ON THE _____ DAY OF _____, 2016. REFERENCE IS HEREBY MADE TO SAID RECORDED ASSESSMENT ROLL FOR THE EXACT AMOUNT OF EACH ASSESSMENT LEVIED AGAINST EACH PARCEL OF LAND.

DISTRICT MANAGER

FILED THIS _____ DAY OF _____, 2016 AT THE HOUR OF _____ O'CLOCK _____ M. IN THE OFFICE OF THE COUNTY TAX COLLECTOR OF THE COUNTY OF SAN JOAQUIN, STATE OF CALIFORNIA, AT THE REQUEST OF THE BOARD OF THE SAN JOAQUIN COUNTY VECTOR CONTROL DISTRICT.

COUNTY TAX COLLECTOR, COUNTY OF SAN JOAQUIN

Note: REFERENCE IS HEREBY MADE TO THE MAPS AND DEEDS OF RECORD IN THE OFFICE OF THE ASSESSOR OF THE COUNTY OF SAN JOAQUIN FOR A DETAILED DESCRIPTION OF THE LINES AND DIMENSIONS OF ANY PARCEL SHOWN HEREIN. THOSE MAPS SHALL GOVERN FOR ALL DETAILS CONCERNING THE LINES AND DIMENSIONS OF SUCH PARCELS. EACH PARCEL IS IDENTIFIED IN SAID MAPS BY ITS DISTINCTIVE ASSESSOR'S PARCEL NUMBER.

**THE RECORD
PROOF OF PUBLICATION**

STATE OF CALIFORNIA
COUNTY OF SAN JOAQUIN

THE UNDERSIGNED SAYS:

I am a citizen of the United States and a resident of San Joaquin County; I am over the age of 18 years and not a part to or interested in the above-entitled matter. I am the principal clerk of the printer of THE RECORD, a newspaper of general publication, printed and published daily in the City of Stockton, County of San Joaquin by the Superior Court of the County of San Joaquin, State of California, under the date of February 26, 1952, File No. 52857, San Joaquin County Records; that the notice of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published each regular and entire issue of said newspaper and not in any supplement thereof on the following dates,

To wit,
July 08 2016

I declare under penalty of perjury that the foregoing is true and correct. Executed on July 8, 2016 In Stockton California



Carlette Schnell,
The Record

0001072990

**NOTICE OF PUBLIC HEARING FOR THE SAN JOAQUIN COUNTY MOSQUITO AND
VECTOR CONTROL DISTRICT
MOSQUITO, VECTOR AND DISEASE CONTROL ASSESSMENT FOR
FISCAL YEAR 2016-17**

NOTICE IS HEREBY GIVEN that the Board of Trustees of the San Joaquin County Mosquito and Vector Control District intends to conduct a public hearing for the CONTINUATION of a benefit assessment in fiscal year 2016-17 that funds the District's mosquito, vector control and disease prevention services and projects in San Joaquin County. The public hearing to consider the ordering of services and projects, and the levy of the continued assessments for fiscal year 2016-17 for the Mosquito, Vector and Disease Control Assessment shall be held on Tuesday, July 19, 2016 at 1:00 p.m. at the San Joaquin County Mosquito and Vector Control District, 7759 South Airport Way, Stockton, California. The proposed assessment rates for Zone A, Zone B and Zone C for fiscal year 2016-17 are as follows: Zone A: eight dollars and forty-two cents (\$8.42) per single-family equivalent benefit unit, Zone B: eight dollars and zero cents (\$8.00) per single-family equivalent benefit unit, and Zone C: eight dollars and eighty-five cents (\$8.85) per single-family equivalent benefit unit. Members of the public are invited to provide comment at the public hearing, or in writing, which must be received by the District on or before Tuesday, July 19, 2016. If you desire additional information concerning the above, please contact the San Joaquin County Mosquito and Vector Control District at (209) 982-4675.

#1072990 7/8/2016

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 7

7. RESOLUTION 16/17-02, A RESOLUTION OF THE BOARD OF TRUSTEES OF THE SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT APPROVING THE ENGINEER'S REPORT, CONFIRMING THE DIAGRAM AND ORDERING THE CONTINUATION OF THE ASSESSMENTS FOR FISCAL YEAR 2016-17 FOR THE MOSQUITO, VECTOR AND DISEASE CONTROL ASSESSMENT

On June 21, 2016 the Board adopted Resolution 15/16-07, a resolution of intention to continue the assessments for Fiscal Year 2016-17, preliminarily approving the engineer's report, and providing for notice of hearing for the District's Mosquito, Vector and Disease Control Assessment. This resolution was unanimously approved.

On July 19, 2016, the Board will conduct a public hearing regarding the proposed Mosquito, Vector and Disease Control Assessment for the San Joaquin County Mosquito and Vector Control District. The public hearing will be held following public notice as required by state law governing the procedures for a proposed continuation of benefit assessment charges.

If there is no majority protest to the assessment at the public hearing, it is recommended that the Board approve Resolution 16/17-02 to order the continuation of the assessments for the Mosquito, Vector, and Disease Control Assessment. The proposed assessments will generate an estimated \$1,930,100 for fiscal year 2016-17. In future years, the assessments can be continued and the rate of assessment can be increased by the annual change in the San Francisco-Bay Area Consumer Price Index, not to exceed 3% per year, following the preparation of an updated Engineer's Report and the Board's conducting a public hearing on the continuation of the assessments.

If approved by the Board, Shilts Consultants, Inc. will coordinate with the San Joaquin County Auditor/Controller in filing the assessments for Fiscal Year 2016-17. Shilts Consultants, Inc. and the San Joaquin County Mosquito and Vector Control District's manager will also file copies of the Assessments and other necessary documents with the County Auditor. The first proceeds from the assessments would be disbursed by the County Auditor/Tax Collector in late December 2016 or early January 2017.

This item requires Board action.

Attachments

RESOLUTION NO 16/17-02

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT**

**A RESOLUTION APPROVING THE ENGINEER'S REPORT, CONFIRMING THE
DIAGRAM AND ORDERING THE CONTINUATION OF ASSESSMENTS
FOR FISCAL YEAR 2016-17
FOR THE MOSQUITO, VECTOR AND DISEASE CONTROL ASSESSMENT**

WHEREAS, the San Joaquin County Mosquito and Vector Control District ("District") is authorized, pursuant to the authority provided in Health and Safety Code Section 2082 and Article XIID of the California Constitution, to levy assessments for mosquito, vector and disease control projects and services; and

WHEREAS, such mosquito, vector and disease control services provide tangible public health benefits, reduced nuisance benefits and other special benefits to the public and properties with the areas of service; and

WHEREAS, the District provides vector control services which includes a system of public projects, programs, public improvements and services intended to provide for the surveillance, prevention, abatement and control of vectors throughout its boundaries (collectively "Services"); and

WHEREAS, an assessment for mosquito, vector and disease control services has been given the distinctive designation of the "Mosquito, Vector, and Disease Control Assessment" ("Assessment"), and is primarily described as encompassing the boundaries of San Joaquin County; and

WHEREAS, the Assessment was authorized by an assessment ballot proceeding conducted in October and November 2005 and approved by 71.41% of the weighted ballots returned by property owners, and such assessments were levied by the Board of Trustees of the San Joaquin County Mosquito and Vector Control District by Resolution No. 05/06-05 passed on November 15, 2005;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the San Joaquin County Mosquito and Vector Control District that:

SECTION 1. SCI Consulting Group, the Engineer of Work, prepared an engineer's report in accordance with Article XIID of the California Constitution and Section 2082, et. seq., of the Health and Safety Code for the Assessment (the "Report"). The Report have been made, filed with the District and duly considered by the Board and is hereby deemed sufficient and approved. The Report shall stand as the Engineer's Report for all subsequent proceedings under and pursuant to the foregoing resolution.

SECTION 2. On June 21, 2016, this Board adopted Resolution No. 15/16-07 to continue to collect Assessments for fiscal year 2016-17, preliminarily approving the Engineer's Report, and providing for notice of hearing on July 19, 2016 at the hour of 1 o'clock p.m. at the San Joaquin County Mosquito and Vector Control District Office located at 7759 South Airport Way, Stockton, California.

SECTION 3. At the appointed time and place the hearing was duly and regularly held, and all persons interested and desiring to be heard were given an opportunity to be heard, and all matters and things pertaining to the continuation of Assessment were fully heard and considered by this Board, and all oral statements and all written protests or communications were duly heard, considered and overruled, and this Board there by acquired jurisdiction to order the continuation of assessment prepared by and made a part of the Engineer's Report to pay the costs and expenses thereof.

SECTION 4. The above recitals are true and correct.

SECTION 5. The public interest, convenience and necessity require that the continuation be made.

SECTION 6. The assessment is levied without regard to property valuation

SECTION 7. The Engineer's Report for the Assessment together with the proposed assessment roll for fiscal year 2016-17 is hereby confirmed and approved.

SECTION 8. That based on the oral and documentary evidence, including the Engineer's Report offered and received at the public hearing, the Board expressly finds and determines that: (a) each of the several lots and parcels of land subject to the Assessment will be specially benefited by the services to be financed by the assessment proceeds in at least the amount of the assessment apportioned against such lots and parcels of land, respectively; and (b) that there is substantial evidence to support, and the weight of the evidence preponderates in favor of, said finding and determination as to special benefit to property from the mosquito, vector and disease control services to be financed with assessment proceeds.

SECTION 9. That assessments for fiscal year 2016-17 shall be continued at the rate of EIGHT DOLLARS AND FORTY-TWO CENTS (\$8.42) for Zone A, EIGHT DOLLARS AND ZERO CENTS (\$8.00) for Zone B, and EIGHT DOLLARS AND EIGHTY-FIVE CENTS (\$8.85) for Zone C, per single family equivalent benefit unit as specified in the Engineer's Report for fiscal year 2016-17 with estimated total annual assessment revenues as set forth in the Engineer's Report; and

SECTION 10. That the mosquito, vector and disease control services to be financed with assessment proceeds described in the Engineer's Report are hereby ordered.

SECTION 11. No later than August 1st following such adoption, the Board shall file a certified copy of the diagram and assessment and a certified copy of this resolution with the Auditor of the County of San Joaquin ("County Auditor"). Upon such filing, the County Auditor shall enter on the County assessment roll opposite each lot or parcel of land the amount of assessment thereupon as shown in the assessment. The assessments shall be collected at the same time and in the same manner as County taxes are collected and all the laws providing for collection and enforcement shall apply to the collection and enforcement of the assessments. After collection by the County, the net amount of the assessments, after deduction of any compensation due the County for collection, shall be paid to the Mosquito, Vector and Disease Control Assessment.

SECTION 12. All revenues from Assessments shall be deposited in a separate fund established under the distinctive designation of the San Joaquin County Mosquito and Vector Control District Mosquito, Vector and Disease Control Assessment.

SECTION 13. The Assessment, as it applies to any parcel, may be corrected, cancelled or a refund granted as appropriate, by order of the Board of Trustees of the District. Any such corrections, cancellations or refunds shall be limited to the current fiscal year.

The foregoing Resolution was PASSED and ADOPTED by the Board of Trustees of the San Joaquin County Mosquito and Vector Control District at a regular meeting thereof held on July 19, 2016, at 7759 South Airport Way, Stockton, California.

AYES:

NOES:

ABSTAINED:

ABSENT:

Gary Lambdin, President of the Board of Trustees
San Joaquin County Mosquito & Vector Control District

Secretary of the Board of Trustees
San Joaquin County Mosquito & Vector Control District

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 8

8. RESOLUTION 16/17-03, A RESOLUTION OF THE BOARD OF TRUSTEES OF THE SAN JOAQUIN COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT ESTABLISHING SPECIAL TAX RATES AND CERTIFICATION OF ASSESSMENT FOR TAX YEAR 2016-17

Enclosed for your review and consideration is draft resolution 16/17-03 which establishes the special tax rates and certifies the validity of the assessment for 2016-17. Following are the proposed tax rates for this year:

- Rate 2 - \$0.0002194 per square foot
- Rate 3 - \$0.00021993 per square foot
- Rate 4 - \$0.00029316 per square foot
- Rate 0.1 - \$0.00000735 per square foot
- Rate 0.05 - \$0.00000344 per square foot

These rates are the maximum rates as established by Measure "A" in 1981.

Additionally, the resolution certifies that our special tax meets all of the conditions of Article XIIC and XIID of the California Constitution, which was enacted as Proposition 218 (the "Right To Vote On Taxes Act").

It is recommended that the Board adopt the maximum rates and certify the special tax per this resolution at the July 2016 regular meeting.

This item requires Board action.

Attachments

RESOLUTION OF THE BOARD OF TRUSTEES OF THE SAN JOAQUIN COUNTY
MOSQUITO AND VECTOR CONTROL DISTRICT ESTABLISHING SPECIAL TAX RATES
AND CERTIFICATION OF ASSESSMENT FOR 2016-17

RESOLUTION 16/17-03

WHEREAS, San Joaquin County Mosquito and Vector Control District (the District) is charged with the responsibility of protecting the health of residents and visitors of San Joaquin County by controlling mosquitoes and mosquito-borne diseases; and

WHEREAS, the District's Board of Trustees is charged with providing adequate revenue for the District to perform its mission of mosquito and vector control; and

WHEREAS, the District's special tax, as authorized by the California Health and Safety Code was approved by District voters in 1981 and meets the requirements of Articles XIII C and XIII D of the California State Constitution, is necessary to provide revenue in the fiscal year 2015-16 for mosquito and mosquito-borne disease control to protect the health and well-being of San Joaquin County residents and visitors; and

WHEREAS, the Board has determined that the special tax is reasonably related to the District's costs for providing mosquito surveillance and control for each non-exempt taxable parcel, and the charge is levied without regard to property valuation.

NOW THEREFORE IT IS RESOLVED, that the District's Board does hereby establish the special tax rates for all non-exempt taxable land in San Joaquin County for fiscal year 2015-16 as follows:

Rate #2	-	\$0.0002194 per square foot
Rate #3	-	\$0.00021993 per square foot
Rate #4	-	\$0.00029316 per square foot
Rate #0.1	-	\$0.00000735 per square foot
Rate #0.05	-	\$0.00000344 per square foot

BOARD OF TRUSTEES
San Joaquin County Mosquito and Vector Control District

AYES _____

NOES _____

ABSENT _____

ABSTAIN _____

SIGNED: _____
GARY LAMBDIN, PRESIDENT

ATTEST: _____
SECRETARY

DATE: _____

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: July 12, 2016
Re: July 2016 BOT Meeting, Agenda Item 9

**9. TRUSTEE REPRESENTATIVE FOR THE NORTHERN SAN JOAQUIN VALLEY
REGION OF THE MOSQUITO AND VECTOR CONTROL ASSOCIATION OF
CALIFORNIA (MVCAC)**

As you know, the District is a corporate member of the Mosquito and Vector Control Association of California (MVCAC), and is included in one of five regions that make up the Association. The five regions of the State include Coastal, Sacramento Valley, Northern San Joaquin Valley, Southern San Joaquin Valley, and Southern California. The District is in the Northern San Joaquin Valley Region (NSJVR). This Region includes Merced MAD, Turlock MAD, Eastside MAD, Saddle Creek Community Services District and San Joaquin County MVCD. Each region elects a district trustee to represent the region on the Trustee Council. Former Trustee Meeker represented the NSJVR of the MVCAC. Since Ms. Meeker is no longer on the Board, the Region needs to fill the vacancy on the Trustee Council.

I will be meeting with our Region on Thursday, July 14, 2016 where this, along with other items, will be discussed. I will query the other districts to ascertain interest from any of their Board members to represent our region on the Trustee Council.

This is the opportunity for any District Trustees to state their interest to serve as a member on the Trustee Council representing the NSJVR. Those trustees interested are then nominated and selected through Board action as a candidate for the vacant Trustee Council Representative seat.

This item requires Board Action

(Attachment)

MVCAC BYLAWS – REGARDING TRUSTEE COUNCIL

ARTICLE VI. TRUSTEE COUNCIL

Section 1. ESTABLISHMENT. There is hereby established a Trustee Council with the organization, duties and purposes set forth in this article

Section 2. PURPOSES. In addition to pursuing the objectives of the Association Board of Directors, it will be the purpose and goal of the Trustee Council to advise the Association regarding policy, fiscal, budgetary and legislative matters, and to provide appropriate support to actions initiated by the Association.

Section 3. MEMBERSHIP. The members of the Trustee Council shall consist of the Trustees of the Corporate Members of the Association. All trustees may participate in Council meetings, subject to reasonable Council restrictions; however, Council voting resides in officers selected by subsequent Bylaw provisions.

Section 4. VOTING MEMBERS. Each Association region shall have one Council-voting member. The Trustee Corporate Members of each Association region shall select one participating member to serve as its region's Council voting member. Each region will select an alternate to serve at the pleasure of the Corporate Members within its region. If at a Council meeting a region's voting member and alternate are both absent, then the region's participating members present at the meeting may caucus and select an interim voting member to represent the region for that meeting.

Section 5. OFFICERS. At each fall Council meeting, the Council will appoint a Chair and Vice Chair, and a Secretary. The officers shall serve at the pleasure of the voting members. The Secretary shall prepare and maintain minutes of Council meetings and other Council records and documents. No trustee will serve on the council for more than six consecutive years.

Section 6. MEETINGS. The Trustee Council will meet at least once during each Association Board meeting and conference. The Chair or a majority of the voting members also may call a special meeting at any time by giving at least 10 days prior by written notice to each voting member and to each Corporate Member. The Council-voting members may hold a special meeting by telephone conference call.

Section 7. VOTING. The Trustee council may take action by motion or resolution approved at a regular or special Council meeting by a majority of a quorum of the Council voting members. A quorum will consist of three voting members. Each voting member shall have one vote.

Board Meeting Information

To: Board of Trustees
From: Eddie Lucchesi, Manager
CC: Chris Eley, Legal Counsel
Date: 7/12/2016
Re: July 2016 BOT Meeting, Agenda Item 10

10. STATUS REPORT RE: WEST NILE VIRUS SURVEILLANCE AND CONTROL

Staff will present a status report re: West Nile virus (WNV) surveillance and control. Attached are copies of surveillance reports from the District and an interesting article on the Zika virus. Entomologist Shaoming Huang will provide an up to date summary report at the meeting.

This item is for information only.

Attachments

West Nile Virus Activity in San Joaquin County, 2016

Summary (Week 27, 7/3 - 7/9)

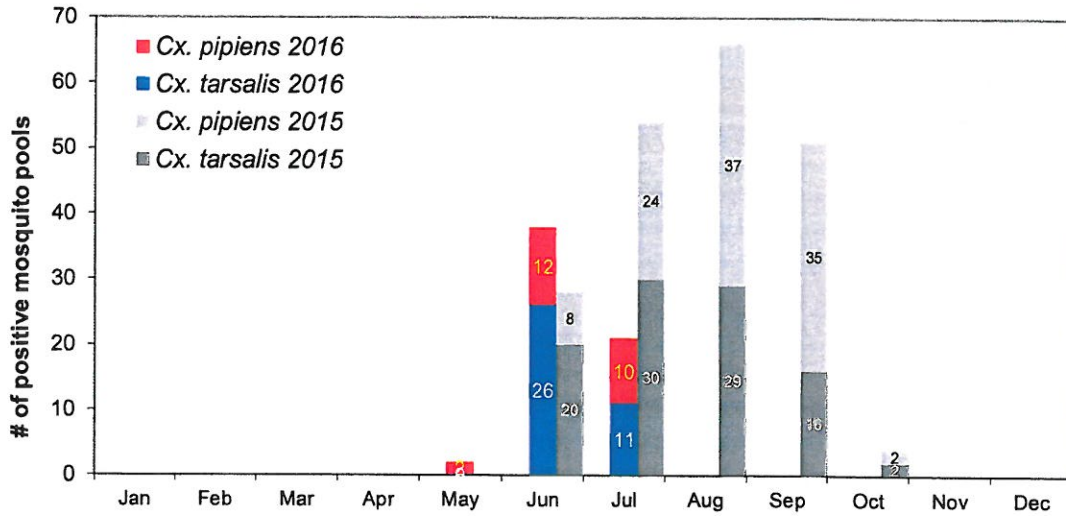
	Mosquito	Bird	Human	Horse
Current Week	21	4	0	0
Last Week	22	6	0	0
2016 YTD	61	14	0	0
2015 Total	208	18	3	1
2014 Total	239	53	9 (1 D)	0

No.	Week*	Date*	ID #	Animal	Species	ZipCode	Town	Add. Info.	SiteCode
75	27	7/7/2016	1270	Mosquito	<i>Cx. pipiens</i>	95212	Morada	Helen Lane, CT=14.21	8074
74	27	7/7/2016	1268	Mosquito	<i>Cx. pipiens</i>	95320	Escalon	Skiff Rd, CT=36.23	8029
73	27	7/7/2016	1261	Mosquito	<i>Cx. tarsalis</i>	95240	Lodi	Japanese Garden, CT=16.31	8075
72	27	7/7/2016	1248	Mosquito	<i>Cx. pipiens</i>	95366	Ripon	Mohler Rd, CT=33.96	8161
71	27	7/7/2016	1247	Mosquito	<i>Cx. pipiens</i>	95366	Ripon	Mohler Rd, CT=18.78	8161
70	27	7/7/2016	1246	Mosquito	<i>Cx. pipiens</i>	95366	Ripon	Mohler Rd, CT=31.23	8161
69	27	7/7/2016	1245	Mosquito	<i>Cx. tarsalis</i>	95366	Ripon	Mohler Rd, CT=30.34	8161
68	27	7/7/2016	1244	Mosquito	<i>Cx. tarsalis</i>	95366	Ripon	Mohler Rd, CT=13.85	8161
67	27	7/5/2016	1242	Mosquito	<i>Cx. tarsalis</i>	95304	Tracy	Berry Ave, CT=35.09	8097
66	27	7/5/2016	1239	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	Devries Rd, CT=30.51	8041
65	27	7/5/2016	1237	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	White Slough, CT=17.64	8004
64	27	7/5/2016	1231	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=17.36	8018
63	27	7/5/2016	1230	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=16.74	8018
62	27	7/5/2016	1228	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=34.38	8018
61	27	7/5/2016	1219	Mosquito	<i>Cx. pipiens</i>	95242	Lodi	Guard Rd, CT=36.06	8160
60	27	7/5/2016	1210	Mosquito	<i>Cx. pipiens</i>	95219	Stockton	Willowbrook, CT=18.62	8159
59	27	7/5/2016	1204	Mosquito	<i>Cx. pipiens</i>	95242	Lodi	Bouldin Island, CT=16	8191
58	27	7/5/2016	1196	Mosquito	<i>Cx. pipiens</i>	95242	Lodi	Brack Tract, CT=36.04	8020
57	27	7/5/2016	1195	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	Brack Tract, CT=15.53	8020
56	27	7/5/2016	1194	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	Brack Tract, CT=20.27	8020
55	27	7/5/2016	1193	Mosquito	<i>Cx. pipiens</i>	95209	Stockton	Oak Grove Park, CT=35.34	8077
54	27	7/5/2016	16-1576	Bird	Western Scrub-Jay	95242	Lodi	Jackson St	
53	27	7/5/2016	16-1551	Bird	American Crow	95209	Stockton	Chafeld cir	
52	27	7/5/2016	16-1550	Bird	Western Scrub-Jay	95203	Stockton	W Rose St	
51	25	7/1/2016	16-1458	Bird	House Finch	95240	Lodi	Marglumme Rye Drive	
50	26	6/29/2016	1136	Mosquito	<i>Cx. pipiens</i>	95212	Morada	Helen Lane, CT=35.98	8074
49	26	6/27/2016	1093	Mosquito	<i>Cx. pipiens</i>	95207	Stockton	Canterbury Dr, CT=19.9	8048
48	26	6/27/2016	1087	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	White Slough, CT=33.82	8004
47	26	6/27/2016	1073	Mosquito	<i>Cx. tarsalis</i>	95206	Stockton	McDonald Island, CT=34.7	8005
46	26	6/27/2016	1072	Mosquito	<i>Cx. pipiens</i>	95366	Ripon	Zolezzi Ranch, CT=36.52	8083
45	26	6/27/2016	1068	Mosquito	<i>Cx. pipiens</i>	95219	Stockton	Wright Tract, CT=16.37	8018
44	26	6/27/2016	1066	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=34.89	8018
43	26	6/27/2016	1065	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=33.83	8018
42	26	6/27/2016	1064	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=34.47	8018
41	26	6/27/2016	1063	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=36.71	8018
40	26	6/27/2016	1062	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=33.14	8018
39	26	6/27/2016	1061	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=28.74	8018
38	26	6/27/2016	1060	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=33.97	8018
37	26	6/27/2016	1059	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Wright Tract, CT=35.59	8018
36	26	6/27/2016	1056	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Empire Tract, CT=24.62	8143
35	26	6/27/2016	1052	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Empire Tract, CT=17.8	8143
34	26	6/27/2016	1047	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Shima Tract, CT=16.95	8049
33	26	6/27/2016	1045	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Shima Tract, CT=29.07	8049
32	26	6/27/2016	1044	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Shima Tract, CT=17.3	8049
31	26	6/27/2016	999	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Rindge Tract, CT=21.01	8026
30	26	6/27/2016	991	Mosquito	<i>Cx. tarsalis</i>	95210	Stockton	Lower Sac, CT=15.76	8125
29	26	6/27/2016	981	Mosquito	<i>Cx. tarsalis</i>	95219	Stockton	Kennesaw, CT=14.92	8082
28	26	6/30/2016	16-1463	Bird	Western Scrub-Jay	95212	Stockton	~5000 North Highway 99	
27	26	6/28/2016	16-1423	Bird	American Crow	95207	Stockton	Yorkshire Dr	
26	26	6/28/2016	16-1396	Bird	American Crow	95207	Stockton	Yorkshire dr	
25	26	6/28/2016	16-1391	Bird	Sparrow	95202	Stockton	West Rose st	
24	26	6/28/2016	16-1390	Bird	Finch	95219	Stockton	North Monitor cir	
23	26	6/28/2016	16-1372	Bird	Sparrow	95204	Stockton	East Churchill st	
22	25	6/24/2016	16-1284	Bird	Sparrow	95219	Stockton	Fort Donaldon dr	
21	25	6/20/2016	907	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	Brack Tract, CT=20.8	8020
20	25	6/20/2016	905	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	Brack Tract, CT=37.67	8020
19	25	6/20/2016	904	Mosquito	<i>Cx. pipiens</i>	95366	Ripon	Zolezzi Ranch, CT=19.85	8083
18	25	6/20/2016	888	Mosquito	<i>Cx. tarsalis</i>	95337	Manteca	Two Rivers, CT=21.23	8008
17	25	6/20/2016	860	Mosquito	<i>Cx. pipiens</i>	95242	Lodi	Loch Lomond Park, CT=37.11	8197
16	25	6/20/2016	859	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	Loch Lomond Park, CT=13.8	8197
15	25	6/20/2016	855	Mosquito	<i>Cx. tarsalis</i>	95207	Stockton	Canterbury Dr, CT=15.67	8048
14	25	6/20/2016	820	Mosquito	<i>Cx. pipiens</i>	95376	Tracy	Tracy Library, CT=21.77	7025
13	25	6/20/2016	814	Mosquito	<i>Cx. pipiens</i>	95376	Tracy	Egret, CT=20.74	8003
12	24	6/15/2016	16-1003	Bird	American crow	95336	Stockton	Madsen Drive	
11	24	6/13/2016	737	Mosquito	<i>Cx. tarsalis</i>	95207	Stockton	Monty Court, CT=37.01	8076
10	24	6/13/2016	738	Mosquito	<i>Cx. pipiens</i>	95207	Stockton	Monty Court, CT=37.96	8076
9	23	6/6/2016	586	Mosquito	<i>Cx. tarsalis</i>	95242	Lodi	Guard Rd, CT=32.4	8160
8	23	6/6/2016	587	Mosquito	<i>Cx. pipiens</i>	95242	Lodi	Guard Rd, CT=33.82	8160
7	23	6/6/2016	649	Mosquito	<i>Cx. pipiens</i>	95210	Stockton	Lower Sac, CT=19.78	8125
5	23	6/6/2016	16-774	Bird	Western Scrub-Jay	95209	Stockton	Timberlane Dr	
6	22	6/3/2016	16-739	Bird	House Finch	95366	Ripon	S Austin road	
4	22	6/1/2016	479	Mosquito	<i>Cx. pipiens</i>	95207	Stockton	Monty Ct, CT= 16.7	8076
3	22	6/1/2016	478	Mosquito	<i>Cx. tarsalis</i>	95207	Stockton	Monty Ct, CT= 32.8	8076
2	21	5/24/2016	406	Mosquito	<i>Cx. pipiens</i>	95210	Stockton	Loch Lomond, CT= 33.0	7023
1	21	5/24/2016	404	Mosquito	<i>Cx. pipiens</i>	95210	Stockton	Loch Lomond, CT= 25.8	7023

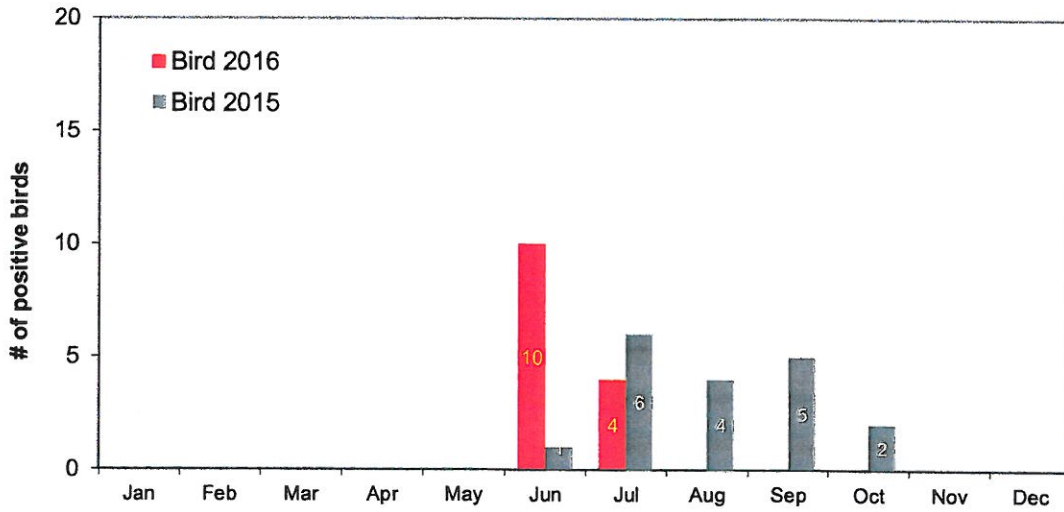
Note:

1. Week/Date: Bird report date; Mosquito collection date; human case symptom onset date; horse case onset/report date
2. Dead bird: Starting 2014, CVEC no longer separates recent and chronic infections. All result will be reported as either positive or negative
3. CT: 5-25 highly positive, 26-32 moderately positive, 33-38 slightly positive
4. Positive mosquito samples from service requests are not included here, but are included in EVS report
5. *: Estimated

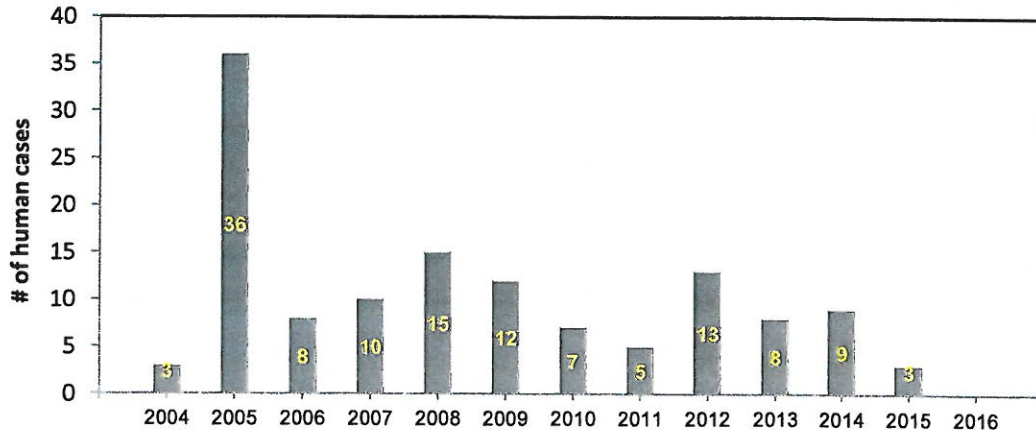
Monthly WNV Activity in Mosquitoes, 2016 vs 2015



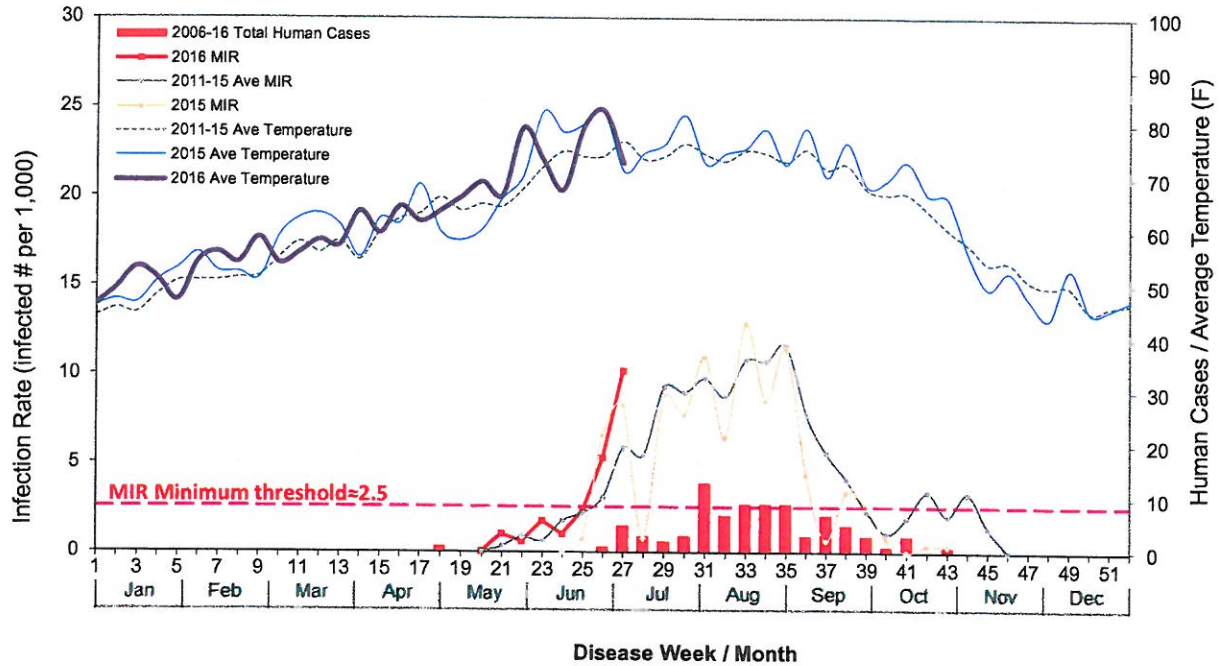
Monthly WNV Activity in Birds, 2016 vs 2015



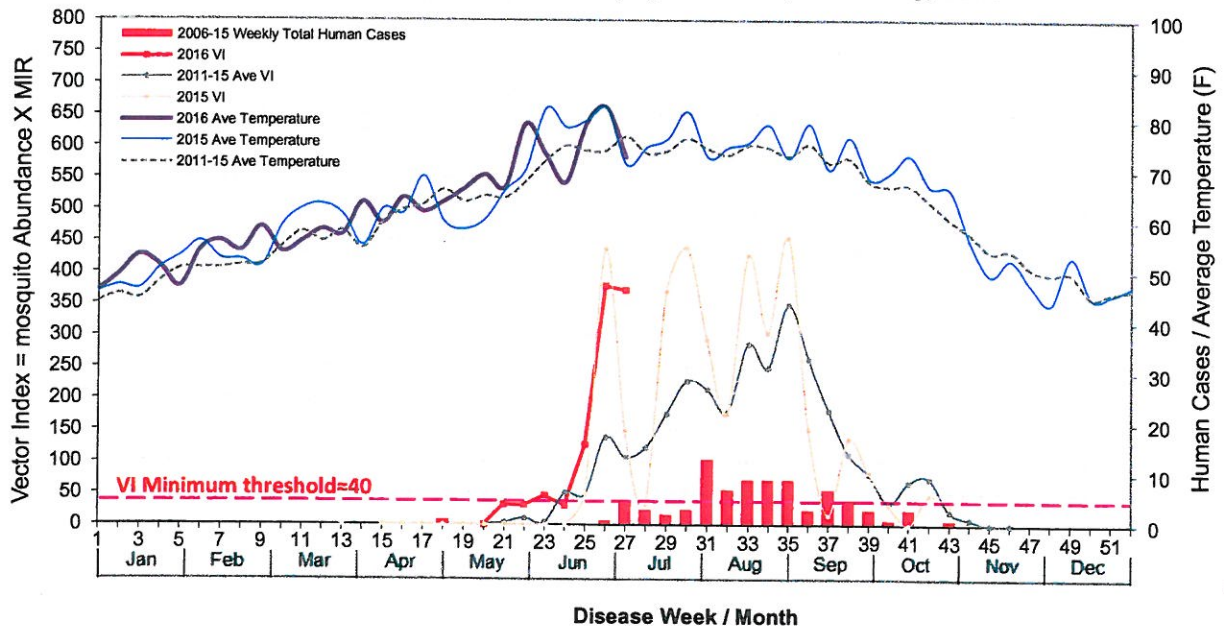
San Joaquin County WNV Human Cases, 2004 - 2016YTD



Weekly WNV Infection Rate (MIR) in Mosquitoes, San Joaquin County, 2016

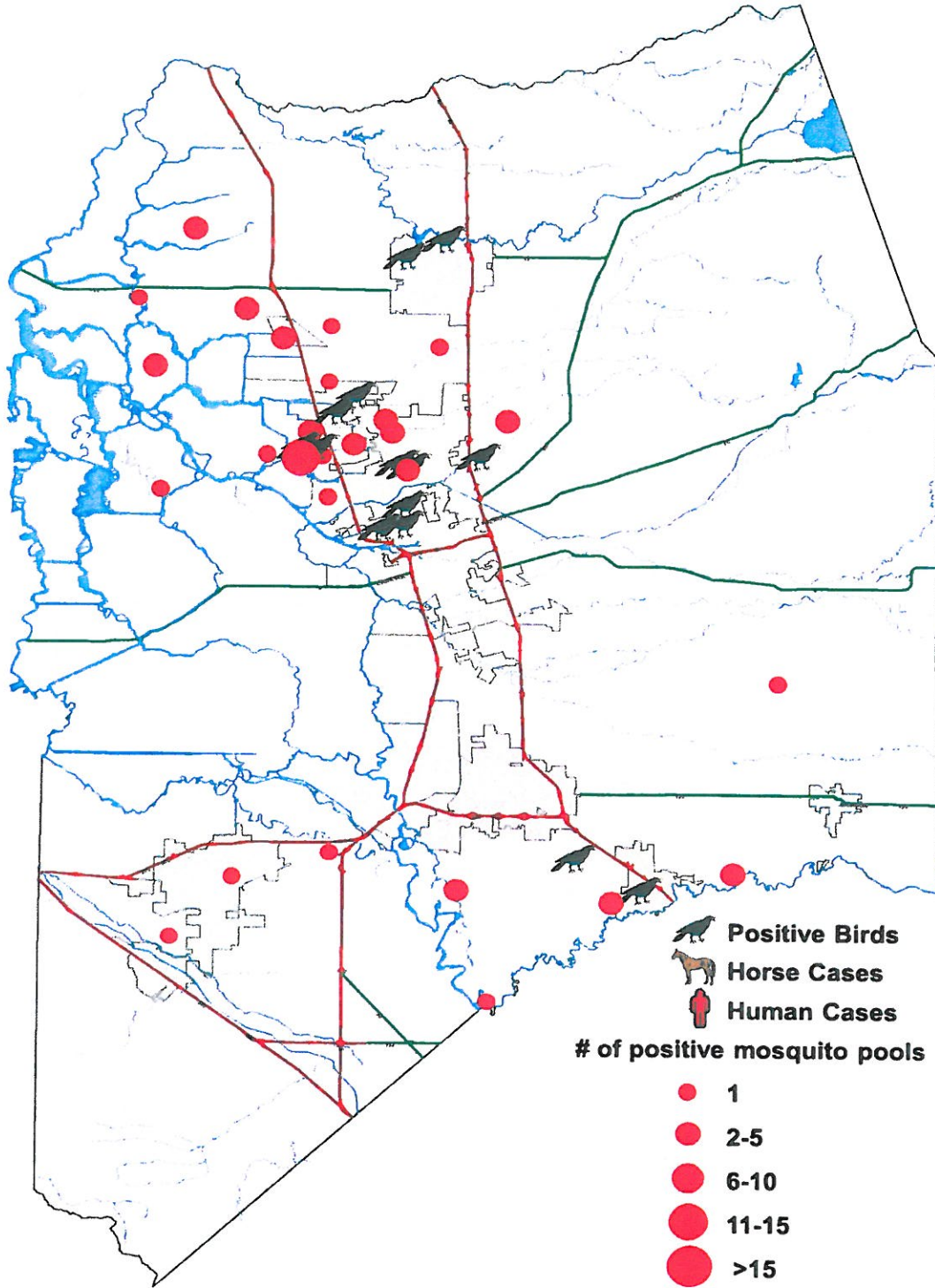


Weekly Vector Index (VI), San Joaquin County, 2016



- Note:**
1. Vector Index = Vector Average Density (Average per trap night) X MIR
 2. Vector Index combines both vector population density and WNV infection rate in vectors. Therefore it is a better indicator to estimate WNV transmission risk
 3. Minimum threshold is the value where human cases are expected. Typically, actual WNV transmission from mosquitoes to humans occurs about one week before symptom onset date. Therefore, the MIR and VI values at one week earlier than the first human case are determined to be the minimum threshold.

2016 YTD WNV Activity in San Joaquin County, Week 27 (07/03-07/09)



Continue on the back side...

Who will save us from this nightmare?



By Jason Simpkins
Written Friday, July 8, 2016

What started out as a distant threat on the jungle frontier of South America has morphed into an American epidemic.

The mosquito-borne Zika virus is expanding its reach across the United States.

Some 800 Americans had contracted Zika by the end of June. And more than 300 of those cases were confirmed in New York state. The virus has yet to make it to the world's second-largest city but it may not be long before it does.

The City That Never Sleeps is constantly spraying, having conducted four aerial larvicide treatments in marsh and non-residential areas in Staten Island, Brooklyn, Queens, and the Bronx. That may not be enough.

In Florida, 263 people have contracted the Zika virus since January. Eleven of those cases were just discovered on Wednesday. Florida Governor Rick Scott issued an executive order on June 23 to spend up to \$26.2 million in state funds to prepare and respond to the disease.

Still, the world's least productive legislative body, U.S. Congress, has yet to act on President Obama's request for an emergency appropriation of \$1.9 billion to beat back Zika's sprawling arm.

This truly is a global concern. Zika cases have been reported in 60 other countries. And Brazil has suffered more than any other.

Through May of this year, Brazil had 161,241 cases of Zika, leading the World Health Organization to declare a public health emergency. More than 38,000 cases have been registered in Rio de Janeiro, where the 2016 Summer Olympic Games are set to take place.

The Brazilian government says there is almost no chance of athletes contracting the virus, but that seems absurd, given how pervasive it is.

The U.S. National Institutes of Health will fund a study to monitor U.S. athletes, coaches, and members of the Olympic Committee staff for exposure to the Zika virus while in Brazil. The goal is to identify potential risk factors for infection, evaluate how long the virus remains in bodily fluids, and study reproductive outcomes of Zika-infected participants.

Indeed, Zika is the first known mosquito-borne virus that can also be transmitted via unprotected sex. And no one yet knows how long couples should abstain or refrain from sex if the woman is pregnant or hoping to become pregnant.

As a result, more than 7,000 babies with neurological malformations, including small microcephalic heads, have been born in Brazil since the Zika virus began its rampage in 2015.

Because the virus is so mysterious and its effects so far-reaching, it's difficult to treat.

As of now, there is no cure or vaccine for Zika. But bio-pharm companies around the globe are working hard to crack the case. And the first one that does will reap huge rewards.

Stocks to Watch

At least 15 drug companies are working to develop a Zika vaccine, according to WHO.

However, a cure is still years away. Development will require several phases of testing on animals and humans. And the fact that these drugs must be cleared for pregnant women is especially tricky. It makes for an exceptionally high regulatory bar. Any potential cure is going to have to demonstrate beyond a shadow of a doubt that it is safe for use during pregnancy.

Another wrinkle is that the Zika virus has shown a formidable ability to mutate, producing new complications as it travels the globe.