

AGENDA

1030th MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

FEBRUARY 10, 2016

TIME: 5:00 P.M.
PLACE: Office of the District, 23187 Connecticut Street, Hayward
TRUSTEES: Richard Guarienti, President, City of Dublin
Kathy Narum, Vice-President, City of Pleasanton
Robert Dickinson, Secretary, City of Piedmont
Scott Paulsen, County-at-Large
Wendi Poulson, City of Alameda
Scott Donahue, City of Emeryville
George Young, City of Fremont
Elisa Marquez, City of Hayward
James N. Doggett, City of Livermore
Eric Hentschke, City of Newark
Jan O. Washburn, City of Oakland
Ursula Reed, City of San Leandro
Ronald Quinn, City of Union City
City of Berkeley, vacant

1. Call to order.
2. Roll call.
3. President Guarienti invites any member of the public to speak at this time on any issue relevant to the District. (Each individual is limited to five minutes).
4. Introduction of New Board Member Eric Hentschke representing the City of Newark (Information only)
5. Approval of the minutes of the 1029th meeting held January 13th, 2016 (Board action required).
6. Closed session – Conference with Labor Negotiators Pursuant to Government Code 54957.6.
Under Negotiation – Terms and Conditions of Employment
Agency-Designated representatives: Richard Guarienti, Scott Paulsen, Elisa Marquez, Wendi Poulson.
Employee Organization: Alameda County Mosquito Abatement District's Employee Association.
7. Presentation of the President's Award Plaque to Past Board President George Young by President Richard Guarienti (Information only)
8. Financial Reports:

- a. Review of warrants dated January 15, 2016 numbering 032716 through 035216 amounting to \$97,915.96 and warrants dated January 31, 2016 numbering 035316 through 037516 amounting to \$108,341.75 (Information only).
 - b. Review of Budget as of January 31, 2016. (Information only).
 - c. Review of Budget Summary received as of January 31, 2016. (Information only).
9. Presentation of the Monthly Staff Report for January 2016 (Information only).
10. Presentation of the Manager's Report for January 2016. (Information only).
- a. ACSDA Pleasanton Dinner: March 24th
 - b. Invasive *Aedes spp.* and emerging vector-diseases (e.g. Zika Virus) update
 - c. MVCAC Annual Conference: February 29th-March 2nd (agenda attached)
 - d. BASMAA (Bay Area Stormwater Management Agencies Association) Presentation
 - e. Conflict of Interest Disclosures - FPPC 2015/2016 Statement of Economic Interests, Form 700: due April 1
 - f. District Policy review update
 - g. ACMAD quarterly newsletter update
11. Board President asks for reports on conferences and seminars attended by Trustees.
12. Board President asks for announcements from members of the Board.
13. Board President asks trustees for items to be added to the agenda for the next Board meeting.
14. Adjournment.

RESIDENTS ATTENDING THE MEETING MAY SPEAK ON ANY AGENDA ITEM AT THEIR REQUEST.

Please Note: A copy of this agenda is also available at the District website, www.mosquitoes.org or via email by request. Alternative formats of this agenda can be made available for persons with disabilities. Please contact the district office at (510) 783-7744, via FAX (510) 783-3903 or email at acmad@mosquitoes.org to request an alternative format.

Agenda item: 1030.5

MINUTES

1029th MEETING OF THE BOARD OF TRUSTEES
OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

JANUARY 13TH, 2016

TIME: 5:00 P.M.
PLACE: Office of the District, 23187 Connecticut Street, Hayward
TRUSTEES: George Young, President, City of Fremont
Richard Guarienti, Vice-President, City of Dublin
Kathy Narum, Secretary, City of Pleasanton
Scott Paulsen, County-at-Large
Wendi Poulson, City of Alameda
Scott Donahue, City of Emeryville
Elisa Marquez, City of Hayward
James N. Doggett, City of Livermore
Jan O. Washburn, City of Oakland
Robert Dickinson, City of Piedmont
Ursula Reed, City of San Leandro
Ronald Quinn, City of Union City
City of Berkeley, vacant
City of Newark, vacant

President Young called the regularly scheduled Board meeting to order at 5:00 P.M.

Trustees Young, Guarienti, Narum, Paulsen, Poulson, Donahue, Marquez, Doggett, Washburn, and Dickinson were present; Trustees Reed & Quinn were absent.

President Young invited members of the public to speak on any issue relevant to the District. At the beginning of the meeting there were two members of the public present: staff member and Information Technology Coordinator Robert Ferdan, and a resident of Newark, Eric Hentschke.

The board approved the minutes of the 1028th meeting held December 9th, 2015. (Doggett/Washburn/ – unanimous; Trustees Narum, Dickinson– abstained)

The Board elected Trustee Guarienti as Board President, Trustee Narum as Vice-President, and Trustee Dickinson as Board Secretary. (Paulsen/Washburn - unanimous) The gavel was passed from Trustee Young who thanked the Board for support, especially to the committees; to Trustee Guarienti who reflected on how quickly he rose to Board President during his term.

The Board reviewed the 2016 board meeting dates. No board action was taken.

The Board entered closed session to discuss the District Manager annual evaluation and compensation pursuant to Government Code Section 54957.6.

President Guarienti reported out from closed session that the Board reviewed the written six month performance evaluation of District Manager Ryan Clausnitzer as provided by the Ad Hoc Long Range Planning Committee. The committee had completed the written evaluation and presented it to the District Manager prior to the board meeting. The Board approved the committee recommendation for retention and advancement according to the manager's salary schedule in the employee contract, effective January 1, 2016. (Doggett/Marquez-unanimous)

The Board approved the proposal to change banks from City National Bank to The Bank of America. (Doggett/ Washburn – unanimous)

The Board reviewed warrants dated December 15, 2015 numbering 027316 through 029616 amounting to \$95,075.79 and warrants dated December 31, 2015 numbering 029716 through 032616 amounting to \$110,355.87. Trustee Marquez asked which staff members are authorized to use District credit cards. The District Manager responded that only defined Purchasing Agents are allowed to pay with District Funds.

The Board reviewed the budget and summary received as of December 31, 2015.

The District Manager and Information Technology Coordinator, Robert Ferdan, presented the Monthly Staff Report for December 2015. Trustee Paulsen asked for the definition of administrative time per the operations report. The District Manager and Mr. Ferdan explained that staff worked on the trustee open house as well as other office duties more than usual. Board President Guarienti asked which mosquito fish distribution approach is more effective: pick-up or delivery. The District Manager responded that they each have their role, and most are through deliveries. Trustee Narum asked about costs associated with a new database and if it will fulfill the needs of the District. The Information Technology Coordinator stated that research has just begun, but before any plan is recommended, the software will be vetted. Board President Guarienti asked if the replacement database is the top IT priority, which the Information Technology Coordinator responded that it was. Trustee Paulsen asked about how current Office 365 is, the Information Technology Coordinator responded that though used in the County, it is not yet used at The District.

The District Manager presented the Manager's Report for December 2015. Board President Guarienti applauded the Trustee Open House, and regarding the employee negotiations: he asked for the negotiation history with the Employee Association; Trustee Paulsen asked about how we determine COLA (CPI) how long are the contracts (around 3 years) and mentioned that the County just gave 14% over 4 years; Trustee Narum suggested using an employer contribution to the 457 plan as a benefit. These questions were answered by the District Manager, as well as Trustees Washburn and Doggett. Trustee Washburn asked if Trustees should let the District Manager know if they attend the MVCAC (yes). Regarding the District logo, Trustee Doggett suggested that it should be a dead mosquito and Trustee Narum commented that this cost should not be given priority over the replacement database.

Board President Guarienti asked for reports on conferences and seminars attended by Trustees, which were none.

Board President Guarienti asked for announcement from the Board. Trustee Donahue asked if the EBMUD manager has reached out to the District, based on his conversation (no). Board President Guarienti asked about when the District will present to the County's city councils (in the next year).

Board President Guarienti asked trustees for items to be added to the agenda for the February Board meeting and then asked about updates on the District Policy edit project (ongoing, will not be on February board agenda).

The meeting adjourned at 6:12 P.M.

Respectfully submitted,

Approved as written and/or corrected
at the 1030th meeting of the Board of
Trustees held February 10th, 2016

Robert Dickinson, Secretary
BOARD OF TRUSTEES

Richard Guarienti, President BOARD OF TRUSTEES

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
LIST OF WARRANTS DATED JANUARY 15, 2016.

WAR NO	PAYEE		ACCT NO	AMT OF CHARGE	AMT OF WARRANT
032716	Biological Specialist	Total salary less deduction for payroll	1011	2,375.58	
032716	Mosq Control Tech	January 1 to January 15, 2016.	1011	2,093.61	
032716	Vector Biologist	"	1011	2,699.30	
032716	Vector Biologist	"	1011	2,777.30	
032716	Mosq Control Tech	"	1011	2,010.65	
032716	Environment Specialist	"	1011	2,543.55	
032716	District Manager	"	1011	3,296.78	
032716	Asst Mosq Control Tech	"	1011	1,953.53	
032716	IT Specialist	"	1011	2,784.74	
032716	Entomologist	"	1011	3,043.98	
032716	Field Supervisor	"	1011	2,975.42	
032716	Finance Manager	"	1011	2,444.93	
032716	Vector Biologist	"	1011	3,271.66	
032716	Mosq Control Tech	"	1011	2,392.45	
032716	Mosq Control Tech	"	1011	1,988.58	
032716	Mechanic Specialist	"	1011	2,882.62	
032716	IRS	Federal tax withheld (payroll)	1011	7,199.35	
		Medicare Tax Withheld (payroll)	1011	811.05	
		District Contribution to Medicare (payroll)	1311	811.06	
032716	State of California	State Tax withheld (payroll)	1011	2,265.55	52,621.69
032816	Public Employees' Retirement System	Employee Contributions	1011	16.00	
		Employee Paid Member Contributions, 7% & 6.5%	1011	4,108.14	
		Employer Contribution 9.353% & 6.73%	1211	5,113.63	9,237.77
032916	Aetna Life & Annuity	Employee Contributions	1011		150.00
033016	CALPERS 457 Plan	Employee Contributions - PERS 457	1011		2,580.00
033116	Delta Dental Plan	Monthly Premium	1411		2,080.75
033216	Vision Service Plan	Health premium	1411		1,047.80
033316	Airgas	Dry ice	3131.1		41.25
033416	Alpine Helicopter	Wetland spray	3411		4,040.00
033516	Bay Area Distributing	Engine tune up	3231		619.53
033616	Bayside	Janitorial services, January 2016	3051		300.00
033716	Cintas	Laundry service	3071	304.33	
		Personal supply	3031	0.00	304.33
033816	Corporate Park Landscaping	Landscape maintenance	3211		365.00
033916	Cardno	MVCAC Programmatic EIR	3411		269.15
034016	Crane Works	Annual inspection Monorail system	3211		150.00
034116	Grainger	Eye wash	3391.6		38.81
034216	Hayashida Architects	Engineering fee, locker room expansion	5111		5,610.00
034316	KBA Docusys	Canon copier rental	3111		448.96
034416	Municipal Resource Group	Human resources services	3411		1,420.13
034516	NBC Supply	Gloves	3391.6		594.00
034616	PFM Asset	Investment advisory services	3411		1,658.28
034716	Ryan Clausnitzer / Petty Cash	Misc Income	499990	(32.06)	
		Office expenses	3111	13.00	
		Lab supplies	3131.5	9.89	
		Transport	3351.1	19.99	
		Toll	3351.3	23.78	
		Fish maintenance	3391.4	8.22	
		Public education	3392	33.54	76.36
034816	Quill	Stationery	3111		109.99
034916	R J Ricciardi	Audit fee, progress billing	3411		3,069.07
035016	VCJPA	Employee Assistance Program	3411		217.92
035116	Waste Management	Garbage, December service	3271		191.69

WAR			ACCT	AMT OF	AMT OF
NO	PAYEE		NO	CHARGE	WARRANT
035216	Rocky Mountain	Amazon - boots	3031	119.99	
		Canon - copier rental	3111	341.00	
		USPS - postage	3111	98.00	
		CBI - lab supplies	3121	79.99	
		Central - notebook	3121	441.95	
		Office Depot - keyboard	3121	76.99	
		Amazon - router	3121	105.59	
		PC Professional - tech support	3121	375.00	
		Amazon - pen drive	3121	28.99	
		Home Depot - traps	3131.1	88.07	
		WalMart - containers	3131.1	39.47	
		WalMart - containers	3131.1	92.35	
		WalMart - traps	3131.1	109.34	
		Stericycle - disease surveillance	3131.2	457.16	
		LifeTech - sequence detection primer	3131.2	1,526.20	
		MI - lab supplies	3131.5	3.19	
		Amazon - calibration solution	3131.5	41.16	
		Amazon - humidity monitor	3131.5	10.98	
		Amazon - electrode	3131.5	293.40	
		Amazon - humidifier	3131.5	87.99	
		Amazon - medical stool	3131.5	69.29	
		Staples - pan cover	3131.5	40.69	
		WalMart - tools	3171	33.43	
		Home Depot - small tools	3171	202.20	
		WalMart - floor mat	3231	74.65	
		Ford - filter	3231	47.92	
		Ford - wheel cover	3231	67.61	
		Northern - battery, carrier	3231	161.26	
		Ford - air filter	3231	129.43	
		Just Smog - smog test	3231	31.75	
		Home Depot - parts	3231	49.81	
		WalMart - parts	3231	49.27	
		Amazon - weight bags	3231	44.90	
		Walmart - tool box	3231	118.73	
		Telepacific - comm expenses	3291.1	1,000.00	
		CI of Berkeley - parking	3351.1	1.10	
		Clay - parking	3351.1	9.00	
		Safeway - meeting supplies	3351.3	102.48	
		Taylor - dinner, MVCAC, Sac, EC	3351.3	30.00	
		Subway - lunch, MVCAC, Sac, EC	3351.3	5.46	
		Noodles - lunch, MVCAC, Sac, EC	3351.3	11.73	
		Hyatt - MVCAC, Sac, EC	3351.3	201.60	
		Hyatt - MVCAC, Sac, EC	3351.3	161.60	
		Hyatt - MVCAC, Sac, RC	3351.3	161.60	
		Famous Dave - meeting supplies	3351.3	289.78	
		MVCAC - registration, Sac, RC	3351.3	270.00	
		CSDA - registration, seminar for GY	3351.3	225.00	
		AMCA - AMCA registration	3351.3	350.00	
		MVCAC - MVCAC conference registration	3351.3	245.00	
		Safeway - meeting supplies	3351.4	13.96	
		Trader's Joe - meeting supplies	3351.4	16.92	
		Pick a Deli - meeting supplies	3351.4	23.16	
		Pond Guy - fish maintenance	3391.4	52.85	
		Amazon - fish maintenance	3391.4	162.30	
		Amazon - fish maintenance	3391.4	169.00	
		Amazon - fish maintenance	3391.4	209.19	
		Valley - AT&T advertising	3392	1,404.00	
		CTC - subscription	3392	20.00	
		Sub-total			10,673.48
		Total			97,915.96

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
 LIST OF WARRANTS DATED JANUARY 31, 2016.

WAR NO	PAYEE	FOR	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
035316	Biological Specialist	Total salary less deductions for payroll period	1011	2,656.14	
035316	Mosq Control Tech	"	1011	2,093.61	
035316	Vector Biologist	"	1011	2,818.73	
035316	Vector Biologist	"	1011	2,777.30	
035316	Mosq Control Tech	"	1011	2,010.64	
035316	Environmental Specialist	"	1011	2,662.98	
035316	District Manager	"	1011	4,288.36	
035316	Asst Mosq Control Tech	"	1011	1,953.53	
035316	IT Specialist	"	1011	2,876.99	
035316	Entomologist	"	1011	3,222.41	
035316	Field Supervisor	"	1011	3,050.07	
035316	Finance Manager	Total salary less deductions for payroll period	1011	2,519.58	
035316	Seasonal	"	1011	1,030.25	
035316	Vector Biologist	"	1011	3,271.67	
035316	Mosq Control Tech	"	1011	2,392.45	
035316	Mosq Control Tech	"	1011	1,988.57	
035316	Mechanic Specialist	"	1011	3,002.04	44,615.32
035316	IRS	Federal Tax Withheld	1011	7,595.13	
		Medicare Tax Withheld	1011	843.56	
		District Contribution to Medicare	1311	843.56	
035316	State of California	State Tax Withheld	1011	2,392.21	11,674.46
035416	Public Employees' Retirement System	Employees contributions	1011	16.00	
		Employee paid member contributions, 7%, 6.5%	1011	4,184.19	
		District contribution 9.353%, 6.73%	1211	5,213.42	9,413.61
035516	Aetna Life & Annuity	Employee contributions	1011		150.00
035616	Calpers 457 Plan	Employees contributions - PERS 457	1011		2,580.00
035716	Calpers	Health insurance	1411		33,428.82
035816	Jefferson Pilot Financial	Life insurance premium	1411		99.45
035916	T Scott Donahue	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036016	James Doggett	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036116	Robert Dickinson	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036216	Richard Guarienti	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036316	Elisa Marquez	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036416	Katherine Narum	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036516	Scott Paulsen	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036616	Wendi Poulson	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
	Ronald Quinn	Trustee in lieu expenses - 1029th meeting	3351.5		-
	Ursula Reed	Trustee in lieu expenses - 1029th meeting	3351.5		-
	William Spinola	Trustee in lieu expenses - 1029th meeting	3351.5		-
036716	Jan Washburn	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036816	George Young	Trustee in lieu expenses - 1029th meeting	3351.5		100.00
036916	AT&T	Yellow pages listing	3392		62.00
037016	Cintas	Personal supplies	3031		-
		Laundry service	3071	149.81	149.81
037116	Mar-Len	Miscellaneous	3231	241.73	
		Aluminum trays	3211	120.68	362.41

WAR NO	PAYEE	FOR	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
037216	PG & E	Utilities	3271		1,481.84
037316	Sonitrol	Monitoring charges	3551		717.49
037416	Verizon	Communication expenses	3291.4		400.52
037516	Wright Express	Fuel expenses, statement ended 01-15-16	3351.1		2,206.02
		Total Warrants			108,341.75

Agenda item 8b.1030

Alameda County Mosquito Abatement
As of JANUARY 31, 2016. (7 of 12 mth, 58.33%)

	EXPENDED IN JANUARY	EXPENDED TO DATE	BUDGETED	BALANCE	% EXPENDED
SALARY & BENEFITS					
1011 Salary and Wages	121,041.18	907,618.33	1,573,549.00	665,930.67	58%
1411 Contribution to Medicare	1,654.62	12,314.31	26,781.00	14,466.69	46%
1311 Contribution to Retirement	10,327.05	152,452.85	202,026.00	49,573.15	75%
1211 Contribution to Health Care	36,656.82	263,411.46	443,302.57	179,891.11	59%
TOTAL SALARY & BENEFITS	169,679.67	1,335,796.95	2,245,658.57	909,861.62	59%
SERVICE AND SUPPLIES					
3031 Clothing and Personal Supplies	119.99	4,872.86	8,500.00	3,627.14	57%
3051 Household Expenses	300.00	2,610.71	5,500.00	2,889.29	47%
3071 Laundry Service and Supplies	454.14	4,517.78	9,000.00	4,482.22	50%
3111 Office Expenses	1,010.95	7,161.38	20,000.00	12,838.62	36%
3121 Computer & Software	1,108.51	5,926.30	12,000.00	6,073.70	49%
3131 Laboratory					
3131.1 Mosquito Surveillance	370.48	8,537.47	15,000.00	6,462.53	57%
3131.2 Disease Surveillance	1,983.36	4,890.06	7,155.00	2,264.94	68%
3131.3 Mosq pool testing	0.00	8,709.33	36,000.00	27,290.67	24%
3131.4 Hood certification	0.00	0.00	200.00	200.00	0%
3131.5 Misc lab eqpt & supplies	556.59	1,882.72	6,285.00	4,402.28	30%
3131.6 Reimbursement for light traps	0.00	0.00	200.00	200.00	0%
Laboratory Total	2,910.43	24,019.58	64,840.00	40,820.42	37%
3171 Small Tools and Instruments	235.63	309.33	2,500.00	2,190.67	12%
3211 Maintenance - Structures & Improvement	635.68	4,161.18	20,000.00	15,838.82	21%
3231 Maintenance Equipment	1,636.59	7,762.45	45,000.00	37,237.55	17%
3271 Utilities	1,673.53	13,174.98	22,000.00	8,825.02	60%
3291 Communication					
3291.1 Telephone service & internet	1,000.00	8,108.57	13,500.00	5,391.43	60%
3291.2 Public Notices	0.00	0.00	500.00	500.00	0%
3291.3 Website & email hosting	0.00	172.58	270.00	97.42	64%
3291.4 Cell phone services	400.52	5,299.64	10,000.00	4,700.36	53%
Communications Total	1,400.52	13,580.79	24,270.00	10,689.21	56%
3331 Memberships, Dues, Subscriptions	0.00	14,396.00	20,700.00	6,304.00	70%
3351 Transportation & Travel					
3351.1 Fuel & GPS	2,236.11	22,703.32	44,000.00	21,296.68	52%
3351.2 Misc Travel	0.00	0.00	0.00	0.00	0%
3351.3 Meetings & conferences	2,078.03	8,833.26	45,000.00	36,166.74	20%
3351.4 Board meeting expenses	54.04	527.59	800.00	272.41	66%
3351.5 Trustee in lieu	1,000.00	6,500.00	16,800.00	10,300.00	39%
Transportation & Travel Total	5,368.18	38,564.17	106,600.00	68,035.83	36%
3391 District Special Expenses					
3391.1 Pesticides	0.00	60,048.81	175,000.00	114,951.19	34%
3391.2 Field supplies	0.00	134.50	500.00	365.50	27%
3391.3 Sentinal Chickens	0.00	0.00	0.00	0.00	0%
3391.4 Fish & Fish Maint	601.56	2,793.84	4,000.00	1,206.16	70%
3391.51 Aerial Pool Survey	0.00	0.00	17,000.00	17,000.00	0%
3391.52 Permits	0.00	1,104.00	3,000.00	1,896.00	37%
3391.53 Continuing Education fees	0.00	1,816.00	4,000.00	2,184.00	45%
3391.54 Board Plaques & nameplates	0.00	0.00	500.00	500.00	0%
3391.55 Seasonals (post ads, pre-empl phy)	0.00	0.00	1,000.00	1,000.00	0%
3391.6 Spray equipment & Safety	632.81	3,079.37	17,000.00	13,920.63	18%
District Special Expenses Total	1,234.37	68,976.52	222,000.00	153,023.48	31%
3392 Community Education	1,519.54	4,265.95	33,000.00	28,734.05	13%
3411 Professional and Specialized Services	10,674.55	90,897.39	224,887.00	133,989.61	40%
3471 Insurance - Collision, Liability etc	0.00	42,532.00	42,350.00	-182.00	100%
3491 Workers Compensation Insurance	0.00	63,736.00	60,745.00	-2,991.00	105%
3531 Insurance Fund - SIRS	0.00	0.00	0.00	0.00	0%
3551 Rents, Leases - Equipment	717.49	5,346.99	9,350.00	4,003.01	57%
TOTAL SERVICES & SUPPLIES	31,000.10	416,812.36	953,242.00	536,429.64	44%

CAPITAL						
5111 Structures and Improvements		5,610.00	8,200.13	190,000.00	181,799.87	4%
5311 Equipment		0.00	10,468.50	58,000.00	47,531.50	18%
	TOTAL CAPITAL	5,610.00	18,668.63	248,000.00	229,331.37	8%
Reserve fo Contingencies			0.00	50,000.00	50,000.00	
OPEB Trust Reimbursement			0.00	145,000.00	145,000.00	
	<i>Annual Operating Expenditures</i>	<i>206,289.77</i>	<i>1,771,277.94</i>	3,641,900.57	1,870,622.63	
OTHER						
Dry Period Cash (60%)		0.00	0.00	2,714,106.00	2,714,106.00	0%
Reserve for Capital Replacement		0.00	0.00	1,116,840.00	1,116,840.00	0%
	Total Other	0.00	0.00	3,830,946.00	3,830,946.00	0%
Total Expenditure		206,289.77	1,771,277.94	7,472,846.57	5,701,568.63	

Does not include 14/15 expenses paid in 15/16

**Agenda item 8c.1030
III.**

STATEMENT OF EXPENDITURES - JANUARY 31, 2016.

	Budget Year 15-16			
	EXPENDITURES	TO-DATE	BUDGETED	BALANCE
Salary & Wages	169,679.67	1,335,796.95	2,245,658.57	909,861.62
Service and Supplies	31,000.10	416,812.36	953,242.00	536,429.64
Capital Expenditures	5,610.00	18,668.63	248,000.00	229,331.37
Reserve for Contingency	0.00	0.00	50,000.00	50,000.00
OPEB Trust Reimbursement	0.00	0.00	145,000.00	145,000.00
TOTAL	206,289.77	1,771,277.94	3,641,900.57	1,870,622.63

IV. CASH BALANCE - January 31, 2016 : \$ XXXXXXXX (Does not include interest revenue for January)

Sincerely,

Ryan Clausnitzer
District Manager

Alameda County Mosquito Abatement District

BOARD OF TRUSTEES

Richard Guarienti, President
Kathy Narum, Vice-President
Robert Dickinson, Secretary
Scott Paulsen
Wendi Poulson
Scott Donahue
George Young
Elisa Marquez
James N. Doggett
Eric Hentschke
Jan O. Washburn
Ursula Reed
Ronald E. Quinn

Ryan Clausnitzer
District Manager
ryan@mosquitoes.org

MONTHLY STAFF REPORT – January 2016

1. OPERATIONS

A. Narrative

Dear Trustees:

For the month of January, service requests were above average primarily driven by fish requests. There was one biting complaint attributing to each of the following species: *Culex tarsalis*, *Culex pipiens* and *Culiseta incidens*. *Cs. incidens* are active all year long, but it is uncommon in Alameda County to find adult *Cx. tarsalis* out in the environment at this time of year.

The prime focus of field operations has been the District's main winter species; *Aedes squamiger*, *Culiseta inornata* and *Aedes washinoi*. To date, several hundred acres have been treated by Argo, and by hand, for the aforementioned species. Higher rainfall amounts have filled many of the sources that breed these species to higher levels than we have seen in the last several years. Sources throughout the county are being monitored on a consistent basis and larval treatments are being conducted upon detection. Technicians, and the Field Operations Supervisor, are teaming up to inspect and treat some of the larger marsh sources; post-treatment inspections are indicating an effective treatment.

Another winter species, *Aedes sierrensis* is also being detected in tree holes in many parts of the County. This species tends to emerge around the spring equinox, toward the end of March. Treatments for this species have commenced in several zones and will continue through February into March.

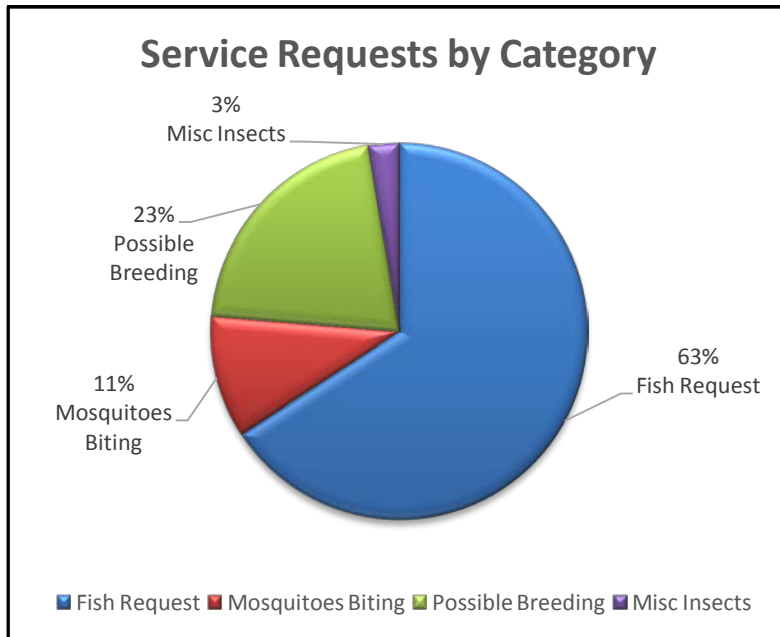
Treatments for *A. squamiger*, *A. washinoi*, and *Cs. inornata* will continue into March as well. Each new rainfall event that raises the water levels will cause eggs laid at the higher elevations to hatch for all three *Aedes* species and *Cs. Inornata*. Females will continue to lay eggs in flooded sources until the season shifts.

The field staff is also being vigilant for the first arrival of *Cx. tarsalis* larvae. Female *Cx. tarsalis* will start laying eggs in large numbers as soon as the weather shifts to more spring-like conditions. It will be very important to limit the numbers of this species which is one of ACMAD's main species of concern for WNV.

Joseph Huston
Field Operations Supervisor

B. Operational Data

1. Service Requests



Total Service Requests	=36
January- Ten year average	=27.09
January- Five year average	=31.33
January- One year average	=45.5
Range (10 yr) =	=15-55

Mosquito species attributed to service requests:

Culiseta incidens	=9
Culex pipiens	=2
Culex tarsalis	=1

2. Other

Number of all injuries during 2016 = 0

3. Activity Report

Administration	805.5
Larval Surveillance & Control	803.75
Disease Monitoring	74.25
Laboratory	206.25
Equipment & Facility Maintenance	231.25
Public Education	26.75
Interagency Communication	27.25
Fish Rearing and Maintenance	12.5
Safety	26.75
Miscellaneous	6.75
Regular Hours	2221
ETO Hours Accrued	11.5
Total Work	2232.5

Vacation Hours Used		111
Sick Hours Used		62.5
Workers Comp.		0
ETO Used		2.25
Total Leave		175.75
Total Work - Leave		2232.5
Total Hours		2408.25

2. LAB

Dear Trustees,

Described below is a summary of the activities from the Mosquito Lab for January, 2016.

- Budget
 - As of January 31, 2016 (7 months of 12, 58 % of the year), 37 % of the ACMAD Laboratory budget has been expended. The highest expenditures to date are in the categories of Mosquito Surveillance (57 % expended) and Disease Surveillance (68 %). We anticipate increased expenditures in categories associated with research over the coming months as projects related to pesticide resistance testing and disease monitoring proceed.
- Mosquito Abundance Monitoring
 - Adult mosquito abundance remains low because of reduced temperatures and increased rainfall. Because of intensified larvicide treatments near Union City Marsh, substantial reductions in adult mosquito abundance has been observed relative to prior months and the last year at this time.
- Disease Monitoring
 - The Lab has implemented our action plan to monitor sites for *Aedes aegypti* when imported cases of chikungunya virus, dengue virus or Zika virus are reported to ACMAD by the Alameda County of Public Health. In conjunction with Operations and Public Relations, we have developed an action plan for confirmed detection of *Ae. aegypti* that integrates abundance monitoring, disease surveillance, site inspection, source elimination treatment, and disbursement of information to the public. These action plans have been conveyed to Alameda County Vector Control and the Alameda County Department of Public Health.
- Research
 - The laboratory colony of *Culex pipiens* has been reestablished with adults contained primarily in an environmental chamber. These mosquitoes will be used to test reagents for the pesticide resistance study over the coming month.
 - Research in collaboration with the San Mateo County Mosquito and Vector Control District is underway to assess two methods for isolating RNA from mosquitoes, the results of which will be presented as a poster at the annual conference of the Mosquito and Vector Control Association of California in March of 2016.

Submitted respectfully by Eric Haas-Stapleton, PhD, ACMAD Entomologist on February 4, 2016.

3. PUBLIC EDUCATION

A. Public education events

- Alameda County Spring Home and Garden Show – Friday, February 12th to Sunday, February 14th (Alameda County Fairgrounds)

B. Google Analytics (www.mosquitoes.org)

Overview

Jan 4, 2016 - Feb 3, 2016

Email Export Add to Dashboard Shortcut

All Sessions
100.00%

+ Add Segment

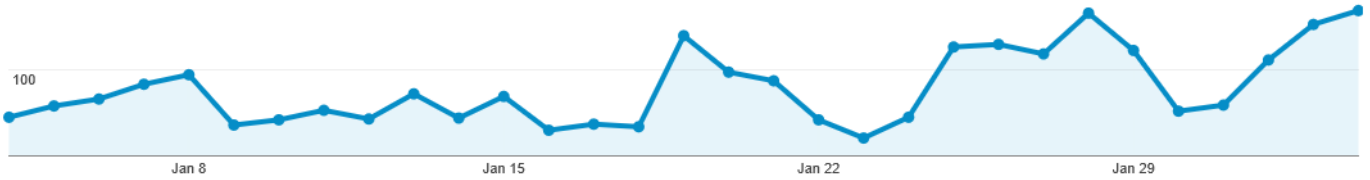
Overview

Pageviews VS. Select a metric

Hourly Day Week Month

Pageviews

200



Pageviews

2,408

Unique Pageviews

1,972

Avg. Time on Page

00:01:49

Bounce Rate

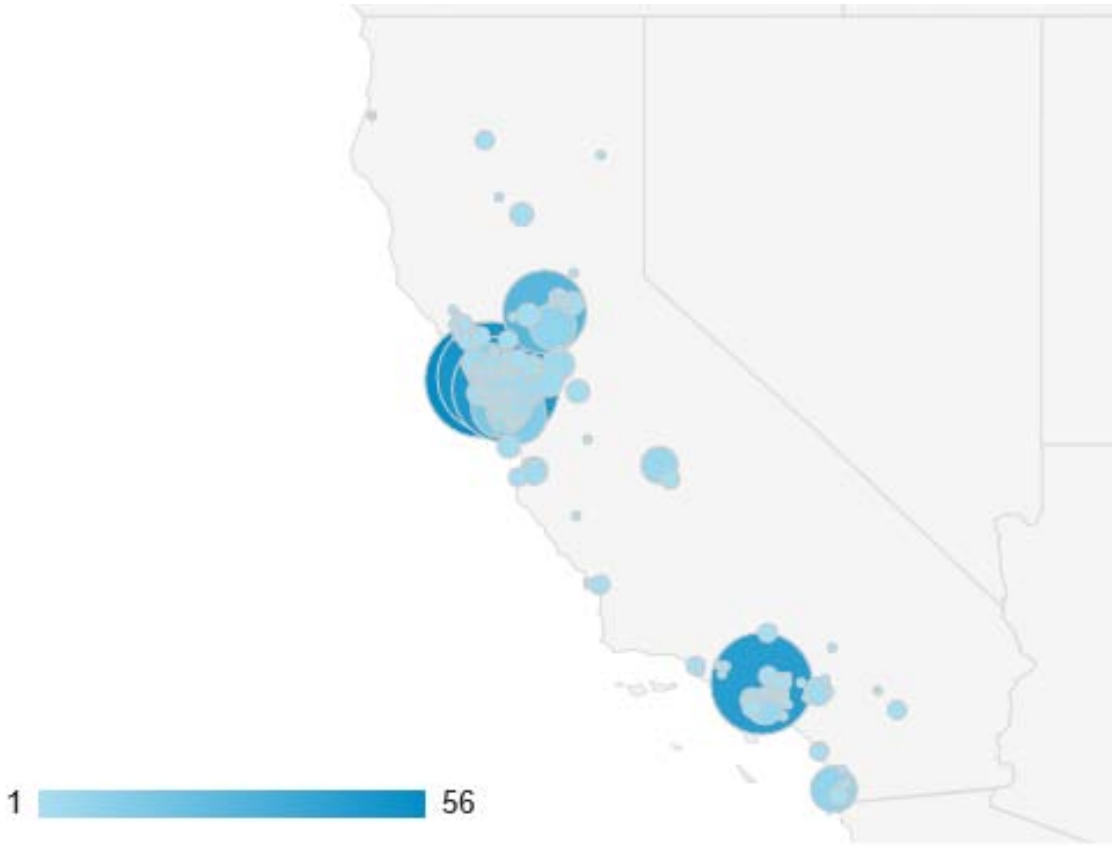
65.03%

% Exit

52.37%

Page	Pageviews	% Pageviews
1. /	433	17.98%
2. /education/california-species/	347	14.41%
3. /LifeCycle.html	154	6.40%
4. /education/	151	6.27%
5. /about/staff/	93	3.86%

Origin of website traffic



City ?	Sessions ?	Pages / Session ?	Avg. Session Duration ?	% New Sessions ?	Bounce Rate ?
	555 % of Total: 44.01% (1,261)	2.37 Avg for View: 1.91 (24.27%)	00:02:30 Avg for View: 00:01:39 (51.97%)	81.80% Avg for View: 88.03% (-7.07%)	49.55% Avg for View: 65.03% (-23.80%)
1. San Francisco	56 (10.09%)	2.04	00:01:18	87.50%	60.71%
2. Oakland	50 (9.01%)	2.32	00:01:49	86.00%	38.00%
3. Hayward	47 (8.47%)	3.38	00:05:28	21.28%	19.15%
4. Los Angeles	44 (7.93%)	1.68	00:03:28	65.91%	65.91%
5. Sacramento	28 (5.05%)	2.00	00:02:18	82.14%	53.57%
6. Fremont	17 (3.06%)	2.00	00:02:20	100.00%	47.06%
7. Palo Alto	16 (2.88%)	1.44	00:01:42	100.00%	68.75%
8. San Jose	14 (2.52%)	2.00	00:01:26	100.00%	57.14%
9. Berkeley	11 (1.98%)	2.00	00:02:54	81.82%	36.36%
10. Richmond	10 (1.80%)	3.60	00:08:33	60.00%	10.00%





















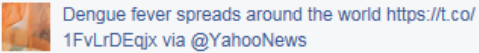




Show rows: 10 Go to: 1 1 - 10 of 129

This report was generated on 2/4/16 at 2:46:55 PM - [Refresh Report](#)

C. Facebook

Your 5 Most Recent Posts >

■ Reach: Organic / Paid
 ■ Post Clicks
 ■ Likes, Comments & Shares

Published	Post	Type	Targeting	Reach	Engagement	Promote
02/02/2016 10:55 am				17 	4 1 	Boost Post
01/25/2016 9:19 am				58 	3 2 	Boost Post
01/19/2016 1:57 pm				76 	1 1 	Boost Post
01/19/2016 10:32 am				166 	10 4 	Boost Post
12/28/2015 9:12 am				71 	5 2 	Boost Post

[See All Posts](#)

D. Twitter

Jan 2016 • 31 days

TWEET HIGHLIGHTS

Top Tweet earned 102 impressions

Hawaii baby with deformed head becomes first US case of mosquito-transmitted Zika virus rt.com/news/329405-zika...

 1

[View Tweet activity](#)

[View all Tweet activity](#)

Top mention earned 2 engagements



Maria Roy

@MariyaRoyBMR · Jan 22

[#MosquitoKiller](#) Industry Targets Emerging Markets goo.gl/nhe6dS
[@AlamedaMosquito](#) [@CMassMosquito](#)
[@CentralMosquito](#) [@Mosquito_Creek](#)

[View Tweet](#)

JAN 2016 SUMMARY

Tweets

3

Tweet impressions

927

Profile visits

85

Mentions

1

New followers

9

Top Follower followed by 2,363 people



ms_mims

@ms_mims [FOLLOWS YOU](#)

Interests: science/edu, family/dogs, politics, handwork/creativity, garden. Favorite quote: Somewhere, something incredible is waiting to be known. ~Carl Sagan

[View profile](#)

[View followers dashboard](#)

Agenda item: 1030.10

Manager's Report

February 10, 2016

- a. ACSDA Pleasanton Dinner: March 24th
- b. Invasive *Aedes spp.* and emerging vector-diseases (e.g. Zika Virus) updates (attached)
- c. MVCAC Annual Conference: February 29th-March 2nd (agenda attached)
- d. BASMAA (Bay Area Stormwater Management Agencies Association) Presentation
- e. Conflict of Interest Disclosures - FPPC 2015/2016 Statement of Economic Interests, Form 700: due April 1.
- f. District Policy review update
- g. ACMAD quarterly newsletter update



KAREN L. SMITH, MD, MPH
Director and State Public Health Officer

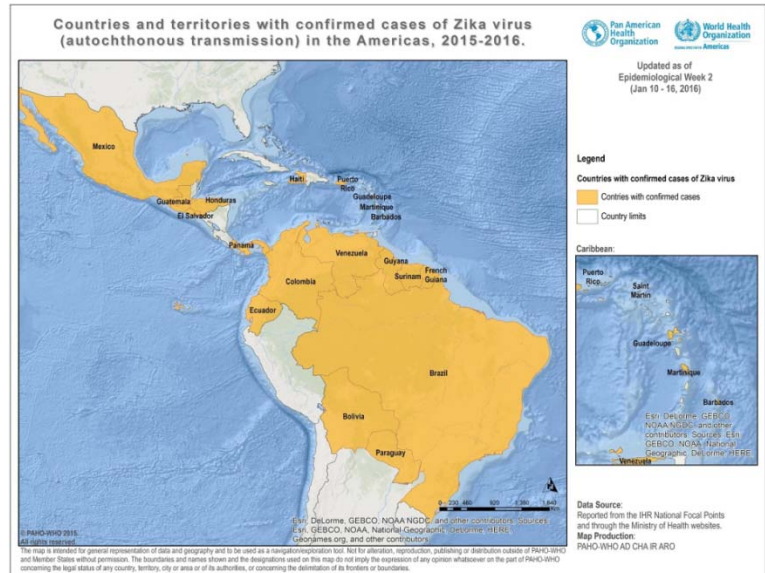
State of California—Health and Human Services Agency California Department of Public Health



EDMUND G. BROWN JR.
Governor

HEALTH ADVISORY ZIKA VIRUS IN LATIN AMERICA

The U.S. Centers for Disease Control and Prevention (CDC) has issued a travel alert ([Level 2-Practice Enhanced Precautions](#)) for people traveling to regions and certain countries where Zika virus transmission is ongoing including Brazil, Colombia, El Salvador, French Guiana, Guatemala, Haiti, Honduras, Martinique, Mexico, Panama, Paraguay, Suriname, Venezuela, and the Commonwealth of Puerto Rico. The map shown is from the [Pan American Health Organization](#).



The CDC alert follows reports in Brazil of increased numbers of newborns with [microcephaly](#) (a much smaller than expected head size) and fetal losses among mothers who were infected with Zika virus while pregnant. However, additional studies are needed to understand potential embryonic and fetal effects of Zika virus.

Until more is known and out of an abundance of caution, the California Department of Public Health (CDPH) recommends special travel precautions for pregnant women and women trying to become pregnant:

- Pregnant women in any trimester should consider postponing travel to areas where Zika virus transmission is ongoing. Pregnant women who must travel to one of these areas should talk to their healthcare provider first and strictly follow [steps to avoid mosquito bites](#) (see below) during the trip.
- Women trying to become pregnant should consult with their healthcare provider before traveling to these areas and strictly follow [steps to avoid mosquito bites](#) (see below).
- Pregnant women who traveled to an area with ongoing Zika virus transmission during pregnancy should be evaluated for Zika virus infection if they had any symptoms suggestive of Zika or if their baby has evidence of microcephaly or brain calcifications. Dengue and chikungunya virus infection should be ruled out in these patients.

Zika Virus Disease

Zika is an infectious disease caused by the Zika virus, which is transmitted to people by *Aedes* mosquitoes. Most infected people have no symptoms. If symptoms develop, the most common are fever, rash, joint pain, and/or red eyes. Symptoms usually begin 3-7



days after a person is bitten by an infected mosquito and last several days to a week. The illness is usually mild, and severe disease requiring hospitalization is uncommon. There is no specific treatment for Zika virus disease. The only treatment option available is the provision of supportive care including rest, fluids, and use of analgesics and antipyretics.

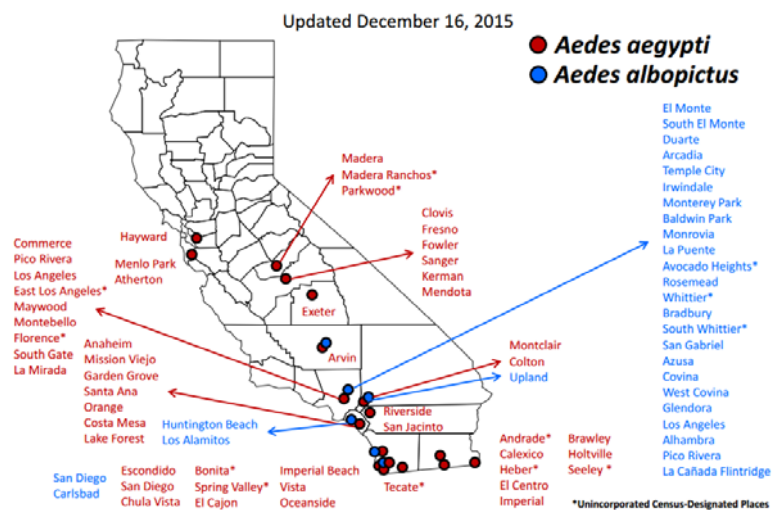
Recommendations for Physicians

- Review the epidemiology and signs and symptoms of Zika.
- Consider Zika in the differential diagnosis of febrile patients with compatible signs, who have traveled to a Zika endemic or outbreak area in the two weeks prior to symptom onset.
- Report suspect cases of Zika virus disease to the local health department, which can assist with coordinating tests needed to help confirm the diagnosis. Zika virus is closely related to dengue and West Nile viruses, and antibody tests for these viruses can be cross-reactive.
- If Zika, chikungunya, or dengue is suspected, request tests through your local health department. Establishing the diagnosis is important because proper clinical management of dengue can improve outcome and follow up is recommended for women who have Zika during pregnancy.
- Advise patients with suspect Zika, chikungunya, or dengue to take measures to avoid being bitten by mosquitoes during the first week of illness.

Mosquito Vectors

Viruses such as Zika, chikungunya, and dengue are transmitted by *Aedes aegypti* and *Aedes albopictus* mosquitoes. These two mosquitoes are aggressive day-biters that can potentially transmit these viruses after biting an infected person. These mosquitoes typically breed and develop in small, water-filled containers. In California, *Aedes aegypti* has been detected in [twelve counties](#). *Aedes albopictus* has been identified in [five counties](#) (see map).

Aedes aegypti and *Aedes albopictus* Mosquitoes Detection Sites in California, 2011-2015



Thus far in California, Zika infections have been documented only in persons who were infected while traveling outside the United States. While the risk for transmission of Zika, chikungunya, or dengue viruses is still low in California, infected travelers coming back to California can transmit these viruses to *Aedes* mosquitoes that bite them. This may lead to additional people becoming infected if they are then bitten by those mosquitoes. To date no local transmission of Zika infections has occurred in California.

Important Information for Travelers

If you are traveling to a region affected by Zika, chikungunya, or dengue, the California Department of Public Health recommends taking appropriate precautions for avoiding

mosquito bites during the day and at night. Pregnant women and women trying to become pregnant should review the recommendations listed earlier.

If you have returned from an affected region and have fever with rash and/or joint pain within the week following your return, please contact your medical provider and say where you have traveled.

Prevention

There are no vaccines to prevent Zika infection. Preventing mosquito bites is the only way to avoid becoming infected.

- Use insect repellents containing DEET, picaridin, IR3535, oil of lemon eucalyptus, or para-menthane-diol for long lasting protection. If you use both sunscreen and insect repellent, apply the sunscreen first and then the repellent.
- **Using insect repellent is safe and effective. Pregnant women and women who are breastfeeding can and should choose an EPA-registered insect repellent and use it according to the product label.**
- When weather permits, wear long-sleeved shirts and long pants.
- Use air conditioning or window/door screens to keep mosquitoes outside. If you are not able to protect yourself from mosquitoes inside your home or hotel, sleep under a mosquito bed net.
- Help reduce the number of mosquitoes outside your home or hotel room by emptying standing water from containers such as flowerpots or buckets.

For More Information

CDC general information about Zika: <http://www.cdc.gov/zika/index.html>

MMWR Early Release (January 19, 2016): Interim guidelines for pregnant women during a Zika virus outbreak — United States, 2016:
<http://www.cdc.gov/mmwr/volumes/65/wr/mm6502e1er.htm>



News Release

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

FOR IMMEDIATE RELEASE

February 1, 2016
PH16-005

CONTACT: [Orville Thomas](#)
(916) 440-7259

California Department of Public Health Reminds Public to Guard Against Mosquito Bites

SACRAMENTO – California Department of Public Health (CDPH) Director and State Public Health Officer Dr. Karen Smith today advised that although there is no evidence of mosquitoes carrying Zika virus in California, people should always take steps to avoid mosquito bites, including removing standing water and wearing insect repellent when necessary. Californians should also be advised of international travel alerts for the countries where Zika virus is circulating.

“Although no one has contracted Zika virus in California, mosquito bites can still be harmful and the public should take steps to protect themselves,” said Dr. Smith. “Help reduce the risk of mosquito bites by removing standing water from around your home and wearing mosquito repellent when appropriate.”

As of Jan. 29, 2016, there are six confirmed cases of Zika virus in California, all of which were contracted when traveling in other countries with Zika virus outbreaks in 2013 (1), 2014 (3) and 2015 (2). CDPH will continue monitoring for any confirmed cases in California and will provide weekly updates every Friday. To protect patient confidentiality, specific locations of infected patients cannot be disclosed.

Zika virus is primarily transmitted to people by *Aedes aegypti* and *Aedes albopictus* mosquitoes, the same mosquitoes that can transmit dengue and chikungunya viruses. These mosquitoes — which are not native to California — have been identified in [12 California counties](#), although there are no known cases where the mosquitoes were carrying the Zika virus in this state. The six confirmed cases of Zika virus in California were acquired in other countries.

The Centers for Disease Control and Prevention (CDC) have issued a [travel alert \(Level 2-Practice Enhanced Precautions\)](#) for people traveling to regions and certain countries where Zika virus transmission is ongoing: American Samoa, Brazil, Colombia, Costa Rica, Curacao, El Salvador, French Guiana, Guatemala, Haiti, Honduras, Martinique, Mexico, Nicaragua, Panama, Paraguay, Suriname, Venezuela and Puerto Rico.

People traveling to these and other countries with known Zika virus risk should take steps to avoid being bitten by mosquitoes, including:

- Use insect repellents containing DEET, picaridin, IR3535, oil of lemon eucalyptus, or para-menthane-diol for long lasting protection. If you use both sunscreen and insect repellent, apply the sunscreen first and then the repellent. Pregnant women and women who are breastfeeding can and should choose an EPA-registered insect repellent and use it according to the product label
- Wear long-sleeved shirts and long pants
- Use air conditioning or window/door screens to keep mosquitoes outside. If you are not able to protect yourself from mosquitoes inside your home or hotel, sleep under a mosquito bed net
- Help reduce the number of mosquitoes outside by emptying standing water from containers such as flowerpots or buckets

The CDC and CDPH have also issued guidance for pregnant women recommending they avoid countries where Zika virus is circulating. Pregnant women who cannot avoid travel to these countries should talk to their health care provider and take steps to avoid mosquito bites. The CDC and CDPH have also provided guidance for physicians on the evaluation of pregnant women and infants who may have been exposed to Zika virus.

Most people infected with Zika virus will not develop symptoms. If symptoms do develop, they are usually mild and include fever, rash and eye redness. If you have returned from an affected country and have fever with joint pain, rash within two weeks, or any other symptoms following your return; please contact your medical provider and tell the doctor where you have traveled. While there is no specific treatment for Zika virus disease, the best recommendations are supportive care, rest, fluids and fever relief.

There is concern that Zika virus may be transferred from a pregnant woman to her baby during pregnancy or delivery. Preliminary reports suggest that Zika virus may cause microcephaly (abnormal fetal brain development). This possibility has not been confirmed and is being actively investigated. CDPH has requested that health care providers report suspected Zika virus disease or associated conditions of microcephaly to local health departments. Local health departments will report cases to CDPH, which is coordinating referral of any specimens to CDC for diagnostic testing.

For more information on Zika virus disease and other mosquito-borne illnesses, please visit the [CDPH Zika virus information webpage](#).

www.cdph.ca.gov



Agenda item: 1030.10c

Event Schedule

Sun Feb 28

Munzy Golf Tournament – Alister MacKenzie Golf Course (Haggin Oaks)

First tee-time 11:00

Cost \$40.00 payable to:

Craig Downs

155 Mason Circle

Concord, CA 94520

Deadline: Thur. Feb 4, 2016

Additional \$13/player cart fee, if needed, payable at course.

Contact – Craig 925-771-6102

2:00pm Exhibitor Set Up

6:00pm Welcome Reception

Monday Feb 29

8:00am- 12:00pm Plenary Session

12:00-1:15pm Poster Session/Visit exhibitors (Lunch will be provided as part of registration)

1:15-3:30pm Symposium 1 – Terrestrial Invertebrates

2:45-5:00 PM- Trustee Workshop- Harassment Prevention training as required by law every two years. The instructor is Morin Jacob with Liebert Cassidy Whitmore

3:45-5:30pm Symposium 2 – Terrestrial Vertebrates

5:30-6:30pm Reeves New Investigator

Tuesday Mar 1

7:00-8:00am Trustee Breakfast – Guest Speaker: Assemblymember Jim Wood from California's 2nd District

8:00-10:00am

Concurrent Session 1 – Community Engagement and Advocacy

Concurrent Session 2 – Operations

10:15am-12:15pm

Concurrent Session 3 – Information Technology and Techniques

Concurrent Session 4 – Pesticides- Applications and Resistance

12:15-1:15pm Lunch Break (on your own, not provided)

1:15-3:30pm

Concurrent Session 5 – Lab Innovations and Technology

Concurrent Session 6 – Vector Borne Disease and Emerging Vectors

3:45-5:30pm

Concurrent Session 7 – Agency Updates

Concurrent Session 8 – Vector Borne Disease and Emerging Vectors

6:30-7:00pm President's reception

7:00-9:00pm Annual Banquet

Wed Mar 2

8:00-10:00am Board of Directors Meeting

Workshops:

All workshops will be held at the Sacramento-Yolo Mosquito Control District
8631 Bond Rd, Elk Grove, CA. 95624

8:00-4:00pm

Fish Disease Workshop – An Introduction to Fish Diseases and Management

Instructor: Paul Curtis, Aquaculture Consultant & Biologist, AquaSolver

8:00-12:00pm

Bottle Bioassay Workshop – begin at 8:00- 12:00

10:00- 2:00pm

Microplate Assay