

## AGENDA

### 1023<sup>rd</sup> MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

JULY 8, 2015

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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  
Elisa Marquez, City of Hayward  
Scott Paulsen, County-at-Large  
Robert Dickinson, City of Piedmont  
James N. Doggett, City of Livermore  
Scott Donahue, City of Emeryville  
Ursula Reed, City of San Leandro  
Ronald Quinn, City of Union City  
William M. Spinola, City of Newark  
City of Berkeley, vacant  
City of Oakland, vacant  
City of Alameda, vacant

1. Call to order.
2. Roll call.
3. President Young 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. Approval of the minutes of the 1022<sup>nd</sup> meeting held June 10, 2015 (Board action required).
5. Introduction of the newly-appointed District Manager, Ryan Clausnitzer
6. Presentation of the annual Engineer's Report by Melanie Guillory-Lee of SCI (Board Action Required).
7. Financial Reports:
  - a. Review of warrants dated June 15, 2015 numbering 064715 through 067415 amounting to \$147,652.05 and warrants dated June 30, 2015 numbering 067515 through 072215 amounting to \$180,973.22 (Information only).
  - b. Review of Expenditures and Revenues received as of June 30, 2015. (Information only).
8. Presentation of the Monthly Operational Report for June 2015. (Information only).
9. Presentation of the Manager's Report for June 2015. (Information only).

- a. Update on *Aedes aegypti* in Alameda County.
  - b. Update on capital improvements at the District Headquarters.
  - c. Update on the preparation of the District EIR.
  - d. Introduction of new ACMAD Staff.
10. Board President asks for reports on conferences and seminars attended by Trustees.
  11. Board President asks for announcements from members of the Board.
  12. Board President asks trustees for items to be added to the agenda for the next Board meeting.
  13. Adjournment.

CITIZENS 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](http://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](mailto:acmad@mosquitoes.org) to request an alternative format.**

## MINUTES

### 1022<sup>th</sup> MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

JUNE 10, 2015

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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  
Elisa Marquez, City of Hayward  
Scott Paulsen, County-at-Large  
Robert Dickinson, City of Piedmont  
James N. Doggett, City of Livermore  
Scott Donahue, City of Emeryville  
Ursula Reed, City of San Leandro  
Ronald Quinn, City of Union City  
William M. Spinola, City of Newark  
City of Berkeley, vacant  
City of Oakland, vacant  
City of Alameda, vacant

At 4:00 pm the Finance Committee met to review the final budget for 2015-16. Trustees Young, Spinola and Quinn were present.

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

All trustees were present at the Board meeting.

President Young invited members of the public to speak on any issue relevant to the District. At the beginning of the meeting there were no members of the public present. A member of the public, Dr. Barbara Des Rochers, arrived at the meeting at 5:30 pm. Dr. Des Rochers expressed an interest in serving on the Board as the trustee for the City of Berkeley. She attended the meeting to learn more about the Board's activities and the ACMAD's operations.

The Board approved the minutes of the 1021<sup>th</sup> meeting held May 13, 2015 (Paulsen/Spinola – unanimous, Trustee Donahue abstained).

The District Manager cancelled the closed session to discuss personnel matters.

The District Manager informed the Board that a dead crow collected in Fremont had tested positive for WNV. The crow was discovered approximately 1.3 miles from a previously discovered WNV-positive crow collected on February 3, 2015. The District Manager described the deployment of CO<sub>2</sub>-baited mosquito traps in the vicinity of the recent crow discovery to ascertain if there were WNV-positive *Culex* mosquitoes in the area.

Trustee Narum of the Long Range Planning Committee reported on the results of the interviews with candidates for the Manager position. The Committee recommended hiring

Ryan Clausnitzer as the new District Manager, and the Board voted to hire Mr. Clausnitzer as the District Manager effective July 1, 2015 (Spinola/Doggett – unanimous).

The Board reviewed warrants dated May 15, 2015 numbering 059215 through 061315 amounting to \$110,477.78 and warrants dated May 31, 2015 numbering 061415 through 064615 amounting to \$120,294.13.

The Board reviewed Expenditures and Revenues received as of May 31, 2015.

The Manager presented the SCI Engineer's Report, indicating that SCI recommended maintaining the benefit assessment at the same level as in 2014-15.

The District Manager presented the final budget for the 2015-16 fiscal year. Trustee Dickinson requested that the monies allocated for acquiring PCR equipment (\$30,000) be moved to Capital Expenses, and Trustee Narum requested that the budget be changed to increase funding for the HR consultant to \$50,000. The Board passed the budget with these two modifications ( Narum/Marquez – unanimous).

The Manager presented the Monthly Operational Report for May 2015.

The District Manager presented the Manager's Report for May 2015. No additional *Aedes aegypti* have been found in Alameda County as of June 10, and surveillance and abatement efforts are continuing. Over the next several months, two additional mosquito fish holding/rearing tanks will be installed. The ACMAD EIR is nearing completion and should be available for public comment in July. The District Manger reported that Dr. Eric Haas-Stapleton has been hired on a consulting basis as the new District Entomologist. Dr. Haas-Stapleton will be hired as the permanent District Entomologist on July 1, pending completion of his resignation as Associate Professor at California State, Longbeach.

Board President Young asked for reports on conferences and seminars attended by Trustees. None were reported.

Board President Young asked trustees for items to be added to the agenda for the July Board meeting. There are no additional items requested by the trustees.

The meeting adjourned at 6:00 pm.

**Respectfully submitted,**

Approved as written and/or corrected  
at the 1020<sup>th</sup> meeting of the Board of  
Trustees held April 8, 2015

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George Young, President  
BOARD OF TRUSTEES

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Kathy Narum, Secretary  
BOARD OF TRUSTEES

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
LIST OF WARRANTS DATED JUNE 15, 2015.**

<b>WAR NO</b>	<b>PAYEE</b>		<b>ACCT NO</b>	<b>AMT OF CHARGE</b>	<b>AMT OF WARRANT</b>
064715	Biological Specialist	Total salary less deduction for payroll	1011	2,499.26	
064715	Mosq Control Tech	June 1 to June 15, 2015.	1011	1,970.39	
064715	Vector Biologist	"	1011	2,650.66	
064715	Vector Biologist	"	1011	2,722.37	
064715	Mosq Control Tech	"	1011	2,135.14	
064715	Environment Specialist	"	1011	2,499.32	
064715	Field Sesonal	"	1011	1,137.75	
064715	Field Seasonal	"	1011	814.82	
064715	Field Supervisor	"	1011	2,995.04	
064715	Finance Manager	"	1011	2,387.70	
064715	Vector Biologist	"	1011	2,181.46	
064715	IT Seasonal	"	1011	1,099.76	
064715	Mosq Control Tech	"	1011	2,639.08	
064715	IT Specialist	"	1011	2,535.35	
064715	Lab Seasonal	"	1011	1,168.84	
064715	Asst Mosq Control Tech	"	1011	1,873.33	
064715	Mechanic Specialist	"	1011	2,768.67	
064715	Lab Seasonal	"	1011	1,011.11	
064715	IRS	Federal tax withheld (payroll)	1011	5,984.62	
		Medicare Tax Withheld (payroll)	1011	719.20	
		District Contribution to Medicare (payroll)	1311	719.20	
064715	State of California	State Tax withheld (payroll)	1011	1,792.82	46,305.89
064815	Public Employees' Retirement System	Employee Contributions	1011	13.00	
		Employee Paid Member Contributions, 7% & 6.5%	1011	3,217.70	
		Employer Contribution 12.330% & 6.7%	1211	5,242.36	8,473.06
064915	Aetna Life & Annuity	Employee Contributions	1011		150.00
065015	CALPERS 457 Plan	Employee Contributions - PERS 457	1011		3,230.00
065115	Delta Dental Plan	Monthly Premium	1411		4,643.17
065215	Vision Service Plan	Health premium	1411		892.08
065315	Adapco	Vectomax	3391.1		1,540.00
065415	Bayside	Janitorial services, June 2015	3051		300.00
065515	Branan, Thomas	Dental reimbursement	1411		218.00
065615	Bay Area Distributing	Tune up	3231		622.92
065715	Cintas	Laundry service	3071	366.92	
		Personal supplies	3031	208.87	575.79
065815	Corporate Park Landscaping	Landscape maintenance	3211		170.00
065915	CentiMark	Roof installation, Final payment	5111		16,869.34
066015	Clarke	Natular XRT	3391.1		9,833.10
066115	Cardno Entrix	MVCAC EIR apportionment	3411		1,174.02
066215	Grainger	Hand sanitizer	3031	49.83	
		Light bulbs	3135.5	11.35	61.18
066215A	Hayward Water	Utilities	3271		474.01
066215B	KBA Docusys	Canon copier rental	3111		448.96
066315	NBC	Mask, gloves	3031		670.34
066415	PFM Asset Mgt	Investment advisory services	3411		1,679.86
066515	Pitney Bowes	Meter rental	3551		378.43
066615	Praxair	Compressed oxygen for fish transportation	3391.4		40.09
066715	Stapleton, Eric	Consultation charges	3411		1,462.50

066815	Washburn, Jan	Consultation charges	3411	6,550.00
066915	Waste Management	Garbage service for May	3271	191.69

<b>WAR</b>			<b>ACCT</b>	<b>AMT OF</b>	<b>AMT OF</b>
<b>NO</b>	<b>PAYEE</b>		<b>NO</b>	<b>CHARGE</b>	<b>WARRANT</b>

067015	Rocky Mountain	Becks - work boot	3031	137.96	
		Walgreen - sprayer	3051	15.32	
		Home Depot - storage tote	3111	23.03	
		Office Depot - expanding folders	3111	62.67	
		Office Depot - hanging files	3111	219.87	
		Canon - copier rental	3111	341.00	
		ACCO - diary for JH	3111	92.82	
		Universal - printer	3121	367.62	
		DNH - Godaddy renewal	3121	69.99	
		CRB - Carbonite renewal	3121	113.99	
		INQ - search software subscription	3121	19.95	
		UPS - shipping	3131.1	40.94	
		Paypal - supplies	3131.1	210.91	
		Golden State - shipping	3131.1	19.22	
		US Plastic - plastic pal	3131.5	203.40	
		Michaels - lab supplies	3131.5	35.68	
		Interstate - battery	3231	140.93	
		Ford Store - gasket	3231	23.59	
		Spraymaster - spray wands	3231	112.75	
		Ford Store - parts for V 53	3231	8.02	
		TelePacific - comm exp	3291.1	922.13	
		SF Food - gas JW	3351.1	36.08	
		Fastrak - toll	3351.2	25.00	
		Oakland Parking - parking, JW	3351.2	0.60	
		Oakland Parking - parking, JW	3351.2	1.00	
		APARC - parking, CEU, JW	3351.2	2.50	
		Oakland Parking - parking, JW	3351.2	0.50	
		T Cup - lunch, conference, EC	3351.3	10.49	
		Peet's - board meeting supplies	3351.4	26.70	
		Peet's - board meeting supplies	3351.4	25.90	
		Wholefids - board meeting supplies	3351.4	29.35	
		Fisherman - fish maintenance	3391.4	141.24	
		Momento - advertising	3392	144.00	
		PCCD - parking	3392	2.00	
		CTC - subscription	3392	20.00	
		TY Fair - Fair entrance fee	3392	10.00	
		Surewest - advertising	3392	3,000.00	
		Sub-total			6,657.15
067115	Entomologist	Accrued vacation	1011		12,725.72
067215	Biologist Specialist	Severance	1011		15,000.00
067315	Biologist Specialist	Payroll 6-1 to 6-5-15	1011		1,552.10
067415	Mechanical Specialist	Accrued vacation	1011		4,762.65

**Total**

**147,652.05**

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
LIST OF WARRANTS DATED JUNE 30, 2015.

WAR NO	PAYEE	FOR	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
067515	Biological Specialist	Total salary less deductions for payroll period	1011	2,597.80	
067515	Mosq Control Tech	"	1011	1,970.40	
067515	Vector Biologist	"	1011	2,764.97	
067515	Vector Biologist	"	1011	2,722.37	
067515	Mosq Control Tech	"	1011	2,135.13	
067515	Environmental Specialist	"	1011	2,613.63	
067515	Field Seasonal	"	1011	1,094.02	
067515	Field Seasonal	"	1011	1,242.72	
067515	Field Supervisor	"	1011	2,995.05	
067515	Finance Manager	Total salary less deductions for payroll period	1011	2,459.15	
067515	Vector Biologist	"	1011	2,225.67	
067515	IT Seasonal	"	1011	1,134.56	
067515	Mosq Control Tech	"	1011	2,639.08	
067515	IT Specialist	"	1011	2,595.97	
067515	Lab Seasonal	"	1011	836.98	
067515	Asst Mosq Control Tech	"	1011	1,873.34	
067515	Mechanic Specialist	"	1011	2,882.98	
067515	Lab Seasonal	"	1011	1,141.71	
067515	IRS	Federal Tax Withheld	1011	13,190.07	
		Medicare Tax Withheld	1011	932.93	
		District Contribution to Medicare	1311	932.93	
067515	State of California	State Tax Withheld	1011	4,142.89	57,124.35
067615	Public Employees' Retirement System	Employees contributions	1011	13.00	
		Employee paid member contributions, 7%, 6.5%	1011	3,216.11	
		District contribution 12.330%, 6.7%	1211	5,239.56	8,468.67
067715	Aetna Life & Annuity	Employee contributions	1011		150.00
067815	Calpers 457 Plan	Employees contributions - PERS 457	1011		3,230.00
067915	Calpers	Health insurance	1411		29,453.21
068015	Jefferson Pilot Financial	Life insurance premium	1411		87.75
068115	T Scott Donahue	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068215	James Doggett	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068315	Robert Dickinson	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068415	Richard Guarienti	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068515	Elisa Marquez	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068615	Katherine Narum	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068715	Scott Paulsen	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068815	Ronald Quinn	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
068915	Ursula Reed	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
069015	William Spinola	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
069115	George Young	Trustee in lieu expenses - 1022nd meeting	3351.5		100.00
069215	AT&T	Yellow pages listing	3392		62.00
069315	Airgas	Dry ice	3131.1		463.92
069415	Automatic Fire	Fire extinguishers	3391.6		200.43
069515	Alco Sheet	HVAC repair	3211		204.00
069615	Cintas	Personal supplies	3031	269.70	
		Laundry service	3071	252.88	522.58
069715	Carquest Auto	AC treatment, gauge	3231		138.12
069815	Clarke	Natular XRT	3391.1		9,833.10
069915	Castillo, Erika	Reimbursement, show display	3392		100.00
070015	Dale Hardware	Hand saw, pal	3391.2		59.03
070115	Grainger	Gloves	3031	127.26	
		Hooks	3171	125.97	
		Ear muff	3391.6	293.52	546.75
070215	General Auto	Front brake, V 43	3231		70.75
070315	Jackson Lewis	Legal advise	3411		150.00
070415	Kimball Midwest	Paragon Plus	3051		153.87

070515	Lepera & Associates	Legal services	3411	573.65
070615	Municipal Resource	Human resources services	3411	4,030.50
070715	Macke	Rental	3551	65.00
070815	NBC Supply	Safety eyewear	3031	26.40
WAR			ACCT	AMT OF
NO	PAYEE	FOR	NO	CHARGE
070915	PG & E	Utilities	3271	1,229.12
071015	PFM Asset Mgt	Investment advisory services	3411	1,744.35
071115	Pitney Bowes	Postage	3111	208.99
071215	CA Dept of Public Health	Certification renewal	3391.53	120.00
071315	Sonitrol	Monitoring charges	3551	717.49
071415	Bartkiewicz, Shanahan	Legal advise	3411	195.00
071515	Stapleton, Eric	Consultation charges	3411	6,543.75
071615	Techniclean	Towel, tissue	3051	160.62
071715	Verizon	Communication expenses	3291.4	158.72
071815	Waste Management	Garbage	3271	191.69
071915	Watson, Debra	Bart advertisement	3392	11,488.74
072015	Wright Express	Fuel expenses, statement ended 06-15-15	3351.1	3,850.67
072115	Washburn, Jan	Consultation charges	3411	7,550.00
072215	Entomologist	Severance payment	1011	30,000.00
<b>Total Warrants</b>				<b>180,973.22</b>



III.

STATEMENT OF EXPENDITURES - JUNE 30, 2015.

Budget Year 14-15

	EXPENDITURES	TO-DATE	BUDGETED	BALANCE
Salary & Wages	226,466.65	2,108,949.60	2,239,304.00	130,354.40
Service and Supplies	85,289.28	746,577.39	896,362.00	149,784.61
Capital Expenditures	16,869.34	202,236.30	324,000.00	121,763.70
Reserve for Contingency	0.00	0.00	50,000.00	50,000.00
Pesticide Shed Replacement	0.00	0.00	120,000.00	120,000.00
<b>TOTAL</b>	<b>328,625.27</b>	<b>3,057,763.29</b>	<b>3,629,666.00</b>	<b>571,902.71</b>

IV. CASH BALANCE - June 30, 2015 : \$ XXXXXXXX (Does not include interest revenue for June)

Sincerely,



Jan Washburn  
District Manager

**Alameda County Mosquito Abatement  
As of JUNE 30, 2015.**

	EXPENDED IN JUNE	EXPENDED TO DATE	BUDGETED	BALANCE	% EXPENDED
<b>SALARY &amp; BENEFITS</b>					
1011 Salary and Wages	179,038.39	1,519,699.60	1,599,120.00	79,420.40	95%
1411 Contribution to Medicare	1,652.13	19,736.06	23,187.00	3,450.94	85%
1311 Contribution to Retirement	10,481.92	163,799.31	182,376.00	18,576.69	90%
1211 Contribution to Health Care	35,294.21	405,714.63	434,621.00	28,906.37	93%
<b>TOTAL SALARIES &amp; BENEFITS</b>	<b>226,466.65</b>	<b>2,108,949.60</b>	<b>2,239,304.00</b>	<b>130,354.40</b>	<b>94%</b>
<b>SERVICE AND SUPPLIES</b>					
3031 Clothing and Personal Supplies	1,490.36	6,022.81	8,500.00	2,477.19	71%
3051 Household Expenses	629.81	4,662.48	5,500.00	837.52	85%
3071 Laundry Service and Supplies	619.80	7,437.41	9,000.00	1,562.59	83%
3111 Office Expenses	1,397.34	13,894.69	16,000.00	2,105.31	87%
3121 Computer & Software	571.55	19,321.42	52,000.00	32,678.58	37%
3131 Laboratory					
3131.1 Mosquito Surveillance	734.99	5,531.61	9,400.00	3,868.39	59%
3131.2 Disease Surveillance	0.00	4,648.66	1,900.00	-2,748.66	245%
3131.3 Mosq pool testing	0.00	4,873.11	2,000.00	-2,873.11	244%
3131.4 Hood certification	0.00	195.00	200.00	5.00	98%
3131.5 Misc lab eqpt & supplies	250.43	3,580.14	4,500.00	919.86	80%
3131.6 Reimbursement for light traps	0.00	150.00	150.00	0.00	100%
Laboratory Total	985.42	18,978.52	18,150.00	-828.52	105%
3171 Small Tools and Instruments	125.97	1,235.24	1,500.00	264.76	82%
3211 Maintenance - Structures & Improvement	374.00	19,407.04	15,000.00	-4,407.04	129%
3231 Maintenance Equipment	1,117.08	22,164.26	40,000.00	17,835.74	55%
3271 Utilities	2,086.51	19,114.08	21,500.00	2,385.92	89%
3291 Communication					
3291.1 Telephone service & internet	922.13	9,712.15	12,000.00	2,287.85	81%
3291.2 Public Notices	0.00	225.00	500.00	275.00	45%
3291.3 Website & email hosting	0.00	794.69	375.00	-419.69	212%
3291.4 Cell phone services	158.72	2,508.99	4,200.00	1,691.01	60%
Communications Total	1,080.85	13,240.83	17,075.00	3,834.17	78%
3331 Memberships, Dues, Subscriptions	0.00	14,233.00	22,750.00	8,517.00	63%
3351 Transportation & Travel					
3351.1 Fuel & GPS	3,886.75	41,920.64	40,000.00	-1,920.64	105%
3351.2 Misc Travel	29.60	144.70	4,000.00	3,855.30	4%
3351.3 Meetings & conferences	10.49	10,794.38	39,616.00	28,821.62	27%
3351.4 Board meeting expenses	81.95	984.53	800.00	-184.53	123%
3351.5 Trustee in lieu	1,100.00	11,900.00	16,800.00	4,900.00	71%
Transportation & Travel Total	5,108.79	65,744.25	101,216.00	35,471.75	65%
3391 District Special Expenses					
3391.1 Pesticides	21,206.20	177,666.01	150,000.00	-27,666.01	118%
3391.2 Field supplies	59.03	333.73	500.00	166.27	67%
3391.3 Sentinal Chickens	0.00	443.86	4,000.00	3,556.14	11%
3391.4 Fish & Fish Maint	181.33	1,533.36	4,000.00	2,466.64	38%
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	120.00	2,760.00	4,000.00	1,240.00	69%
3391.54 Board Plaques & nameplates	0.00	277.91	1,000.00	722.09	28%
3391.55 Seasonals (post ads, pre-empl phy)	0.00	0.00	1,000.00	1,000.00	0%
3391.6 Spray equipment & Safety	493.95	8,596.47	17,000.00	8,403.53	51%
District Special Expenses Total	22,060.51	192,715.34	201,500.00	8,784.66	96%
3392 Community Education	14,826.74	21,423.87	32,020.00	10,596.13	67%
3411 Professional and Specialized Services	31,653.63	214,541.01	217,700.00	3,158.99	99%
3471 Insurance - Collision, Liability etc	0.00	32,451.00	32,048.00	-403.00	101%
3491 Workers Compensation Insurance	0.00	50,494.00	50,553.00	59.00	100%
3531 Insurance Fund - SIRS	0.00	0.00	25,000.00	25,000.00	0%
3551 Rents, Leases - Equipment	1,160.92	9,496.14	9,350.00	-146.14	102%
<b>TOTAL SERVICES &amp; SUPPLIES</b>	<b>85,289.28</b>	<b>746,577.39</b>	<b>896,362.00</b>	<b>149,784.61</b>	<b>83%</b>

<b>CAPITAL</b>					
5111 Structures and Improvements	16,869.34	125,608.00	217,500.00	91,892.00	58%
5311 Equipment	0.00	76,628.30	106,500.00	29,871.70	72%
	<b>16,869.34</b>	<b>202,236.30</b>	<b>324,000.00</b>	<b>121,763.70</b>	<b>62%</b>
	<i>Annual Operating Expenditures</i>	<i>328,625.27</i>	<i>3,057,763.29</i>	<i>3,629,666.00</i>	<i>571,902.71</i>
<b>OTHER</b>					
Reserve for Contingency	0.00	0.00	50,000.00	50,000.00	0%
Pesticide Shed Replacement	0.00	0.00	120,000.00	120,000.00	0%
Dry Period Cash	<b>0.00</b>	<b>0.00</b>	<b>2,177,200.00</b>	<b>2,177,200.00</b>	<b>0%</b>
Reserves for Public Health Emergencies	<b>0.00</b>	<b>0.00</b>	<b>250,000.00</b>	<b>250,000.00</b>	<b>0%</b>
Reserve for Capital Replacement	<b>0.00</b>	<b>0.00</b>	<b>591,364.00</b>	<b>591,364.00</b>	<b>0%</b>
<b>Total Other</b>	<b>0.00</b>	<b>0.00</b>	<b>3,188,564.00</b>	<b>3,188,564.00</b>	<b>0%</b>

Does not include 13/14 expenses paid in 14/15

# *Alameda County Mosquito Abatement District*

MONTHLY OPERATIONAL REPORT – JUNE 2015

Dear Trustees:

## I. NARRATIVE

The District received a total of 131 requests for service during June. There were 38 mosquito-biting reports. The ten-year average for adult mosquito service requests in June is 35.2. 38 requests for mosquitofish were received and 26 requests for inspection of potential mosquito sources.

Larval control efforts in June were focused primarily on four species of mosquitoes: *Aedes dorsalis*, the summer saltmarsh mosquito; *Culex pipiens*, the house mosquito; *Culex tarsalis*, the encephalitis mosquito; and *Culiseta incidens*, the fish pond mosquito.

The summer saltmarsh mosquito, *Aedes dorsalis*, breeds in tidal salt marsh areas that flood only during the highest tides of the month. This mosquito is a day biter that can be found in larger grassy areas like parks and school yards after the adults emerge and fly away from the salt marshes.

The fish pond mosquito, *Culiseta incidens*, is found throughout the year in Alameda County. This mosquito can utilize many different types of sources found around homes including fish ponds, fountains, bird baths, untreated swimming pools and pool covers, boats, spas, and many more. 84 fish plants for a total of 2061 mosquitofish were made during the month. *Cs. incidens* was found at 25 service requests during the month.

*Culex pipiens*, the house mosquito, is a vector of West Nile virus and is found throughout the year in Alameda County with its peak populations occurring in late summer and fall. The larvae are found in underground sources such as storm drains, catch basins, sumps and flooded basements as well as in water treatment plants. There were 18 service requests attributed to *Cx. pipiens* during the month.

*Culex tarsalis*, the encephalitis mosquito, is a vector of West Nile virus as well as St. Louis and Western Equine Encephalitis. This mosquito is found in most areas of the county from February through October. The larvae are found in freshwater sources of all types. *Cx. tarsalis* was found at 4 service requests during the month.

## II. STATEMENT OF OPERATIONS – June 2015

### PROGRAM EVALUATION MEASUREMENTS

Mosquito service requests = 38 Ten-year average = 35.2  
Five-year average = 33.8  
Last year = 52  
Range = 15-63

Number of all injuries during 2015 = 1

### TOTAL SERVICE REQUESTS

Fish requests 62  
Mosquito biting 38  
Request for inspection 26  
Insect Identification 1  
Other (school projects) 4  
  
Total 131

### OPERATIONS

Administration	953	Regular Hours	2708.5
Larval Surveillance & Control	968	Overtime hours	29.75
Disease monitoring	183.25	Total Work	2738.25
Laboratory	254		
Equipment & Facility Maintenance	168		
Public Education	82.25	Vacation hrs used	110.75
Interagency Communication	8.25	Sick hours used	82.5
Fish Rearing and Maintenance	12.75	Workers Comp Lv	0
Safety	94.5	ETO used	115.75
Misc	6.5	<b>Total Leave</b>	309
<b>Total Work</b>	<b>2738.25</b>	<b>Total Hours</b>	<b>3047.25</b>

## Manager's Report

July 8, 2015

- a. ***Aedes aegypti***: To date, no additional yellow fever mosquitoes have been discovered in Hayward. Eleven *Aedes* eggs were discovered in one of the *Ae. aegypti* ovicups, and information available at the time of this writing suggests that the eggs are those of *Aedes sierrensis* (the native Western Treehole Mosquito) and not *Ae. aegypti*. These eggs are being reared through the larval stages for positive identification at the San Mateo Mosquito and Vector Control District headquarters. We are continuing our surveillance and abatement programs following the State's Invasive *Aedes* Response plan.
- b. **Update on capital Improvements at the District Headquarters**: The District's new modular mosquito fish rearing tank has been installed. The tank is now fully functional and a small population of mosquito fish has been added to condition the water. Installation of a second mosquito fish tank is anticipated for the month of August. These tanks will allow the District to generate large quantities of fish, and especially early in the season (February – March) when fish stocks are typically low from both vendors and in field habitats.
- c. **Annual EIR**: The District's PEIR will be sent out for public comment the week of July 6. Copies of the PEIR will be distributed to all interested/required parties, and a 45 day comment period will follow.
- d. **New District Laboratory Staff**: I am pleased to announce that Robert Ferdan has accepted the position of Systems Specialist for the ACMAD. Robert will be replacing Sharon Mead, our IT specialist, who is retiring after 29 years of service to the District.