

## AGENDA

### 1021<sup>th</sup> MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

MAY 13, 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

Prior to the Board convening at 5:00 pm, there will be a meeting of the Finance Committee (Trustees Young, Spinola, Quinn, Dickinson and Paulsen) at 4:00 pm to review the draft budget for 2015-16.

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 1020<sup>th</sup> meeting held April 8, 2015 (Board action required).
5. Extension of Interim Manager contract (Board action required).
6. Report from the Ad Hoc Long Range Planning Committee on the selection of a new District Manager (information only).
7. Closed session to discuss personnel matters (possible Board action required).
8. Financial Reports:
  - a. Review of warrants dated April 15, 2015 numbering 053215 through 055715 amounting to \$178,045.76 and warrants dated April 30, 2015 numbering 055815 through 059115 amounting to \$125,565.26 (Information only).

- b. Review of Expenditures and Revenues received as of March 31, 2015. (Information only).
  - c. Presentation of the draft budget for fiscal year 2015-2016
9. Presentation of the Monthly Operational Report for April 2015. (Information only)
10. Presentation of the Manager's Report for April 2015. (Information only)
- a. Discovery of *Aedes aegypti* in Alameda County
  - b. Shop roof update
  - c. Annual EIR
  - d. New Assistant Mosquito Control Technician hired
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.

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

### 1020<sup>th</sup> MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

APRIL 8, 2015

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TIME: 5:00 P.M.  
PLACE: Office of the District, 23187 Connecticut Street, Hayward  
TRUSTEES: Ryan Clausnitzer, President, City of Alameda  
George Young, Vice-President, City of Fremont  
Richard Guarienti, Secretary, City of Dublin  
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  
Kathy Narum, City of Pleasanton  
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

Board President Ryan Clausnitzer called the regularly scheduled Board meeting to order at 5:00 PM.

All Trustees were present for the Board meeting. Trustee Doggett arrived at 5:08 PM, and Trustee Donahue arrived at 5:20 PM.

President Clausnitzer invited members of the public to speak on issues relevant to the District. Retired Trustee Barbara Halliday introduced the new Trustee representing the City of Hayward, Elisa Marquez. Mayor Halliday thanked the Board for their dedication during her tenure as the representative from the City of Hayward and complimented the diligence of the trustees in overseeing ACMAD operations. Retired Trustee Jim Prola addressed the Board and introduced the new Trustee representing the City of San Leandro, Ursula Reed. Vice Mayor Prola also thanked the Board for their efforts and complimented the trustees for their excellent management of the financial resources of ACMAD.

The Board approved the minutes of the 1019<sup>h</sup> meeting held March 11, 2015 (Narum/ Quinn – unanimous; Trustees Spinola, Dickinson, Reed and Marquez abstained).

President Clausnitzer presented Resolution 1019-1 honoring former Trustee Barbara Halliday for her work on the Board.

President Clausnitzer presented Resolution 1020-1 honoring former Trustee Jim Prola for his work on the Board.

The Board approved the Compensation Agreement from the Alameda County Redevelopment Successor Agency (Spinola/Reed - unanimous) .

The Board reviewed warrants dated March 15, 2015 numbering 046815 through 049215 amounting to \$100,956.82 and warrants dated March 31, 2015 numbering 049315 through 053115 amounting to \$206,077.28.

The Board reviewed Account Balances and revenues received as of March 31, 2015. Several trustees requested that the percentage of the fiscal year expended be added to future Account Balances reports.

District Manager Jan Washburn presented the Monthly Operational Report for March 2015. He noted that the number of service requests remained high both for ACMAD and other mosquito control districts in the Bay Area. The Manager described how service requests are categorized by mosquito species and other species of insect.

The District Manager presented the Monthly Manager's Report for March 2015.

- a. The Manager collected Form 700 on Economic Interest from Board members.
- b. The manager described the efficacy of the aerial treatment of Coyote Hills on March 26. Based on a reduction of larval mosquito populations, fewer service requests from the public and discussion with Coyote Hills personnel, the treatment was deemed successful.
- c. A court ruling has let stand the Santa Clara Mosquito and Vector Control District's fogging operations for control of West Nile virus vectors. The court found that the SCMVCD did not "trespass" while adulticiding and set aside a challenge to the CEQA documents filed by SCMVCD.
- d. Centimark Roofing Company will install a new roof on the mechanics shop in late April after the skylights are shipped to ACMAD.
- e. Environmental Specialist, Erika Castillo, will be completing the District's PEIR by the end of April and provide Trustees with copies if desired.
- f. The Manager reviewed the progress for the recruitment of a new IT person and an Assistant Mosquito Control Technician.
- g. The Manager reviewed the progress for the recruitment of a new District Manager.

- h. The Manager presented the current status of committee assignments for the Board, indicating that new members would need to be appointed to replace trustees who have retired.

Trustees Clausnitzer and Guarienti reported on their attendance at the Alameda County Chapter of the California Special Districts Association annual dinner and 25<sup>th</sup> anniversary meeting in Pleasanton on March 26. Trustee Clausnitzer made a brief presentation on how the District operations have changed in 25 years; the main focus of the District now is control of larval mosquito populations using environmentally safe pesticides.

President Clausnitzer asked trustees if there were any items to be added to the agenda for the May 13, 2015 Board meeting. .

The meeting adjourned at 6:20 PM.

Respectfully submitted,

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Kathy Narum, Secretary  
BOARD OF TRUSTEES

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

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

WAR NO	PAYEE	WAR NO	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
053215	Vector Biologist		1011	2,433.45	
053215	Assist. Mosquito Control Tech.		1011	1,970.39	
053215	Vector Biologist		1011	2,650.66	
053215	Vector Biologist		1011	2,722.37	
053215	Mosquito Control Technician		1011	2,135.14	
053215	Environmental Specialist		1011	2,499.32	
053215	Field Supervisor		1011	2,995.04	
053215	Biological Specialist		1011	2,701.40	
053215	Entomologist		1011	3,054.83	
053215	Finance Manager		1011	2,387.70	
053215	Vector Biologist		1011	2,181.45	
053215	IT Specialist Assist. - Seasonal		1011	271.69	
053215	Mosquito Control Technician		1011	2,513.37	
053215	IT Specialist		1011	2,535.34	
053215	Mechanic Specialist		1011	2,654.36	
053215	Mechanic Specialist		1011	2,690.74	
053215	Lab - Seasonal		1011	1,106.09	
053215	IRS		1011	6,368.29	
	Federal tax withheld (payroll)		1011	776.97	
	Medicare Tax Withheld (payroll)		1011	776.94	
	District Contribution to Medicare (payroll)		1311		
	State Tax withheld (payroll)		1011	1,980.89	49,406.43
	Employee Contributions		1011	15.00	
	Employee Paid Member Contributions, 7% & 6.5%		1011	3,878.45	
	Employer Contribution 12.330% & 6.7%		1211	6,530.03	10,423.48
	Employee Contributions		1011		150.00
	Employee Contributions - PERS 457		1011		3,755.00
	Monthly Premium		1411		4,530.96
	Health premium		1411		892.08
	Dry ice		3131.1		118.81
	Vectolex, Vectomax		3391.1		75,106.80
	Wetland spray		3411		6,278.00
053415	Aetna Life & Annuity				
053515	CALPERS 457 Plan				
053615	Delta Dental Plan				
053715	Vision Service Plan				
053815	Airgas				
053915	Adapco				
054015	Alpine Helicopter				

054115	Bayside	Janitorial services, April 2015	3051	300.00
054215	Bay Area Distributing	Oil system cleaner	3231	47.91
054315	Cintas	Laundry service	3071	326.83
		Personal supplies	3031	186.98
054415	Corporate Park Landscaping	Landscape maintenance	3211	513.81
054515	Carquest	Fabric Loom. Battery Mount	3231	170.00
054615	CA Dept of Public Health	Certification renewal	3391.53	71.82
054715	Emily Grene	Parking stall installation	3211	1,320.00
054815	Grainger	Wipes	3131.5	4,993.43
		Cable protector	3211	6.57
		Tubing	3231	401.70
		Air regulator	3391.6	165.67
054915	Kimball Midwest	Miscellaneous parts	3171	64.23
		Miscellaneous parts	3211	155.10
		Miscellaneous parts	3231	90.16
		Miscellaneous parts	3391.6	10.30
		Canon copier rental	3111	106.49
055015	KBA Docusys	Eyewear, spectacle	3391.6	362.05
055215	NBC	Investment advisory services	3411	446.92
055315	PFM Asset Mgt	Toner. Fastener	3111	126.14
055415	Quill	Consultation charges	3411	1,613.61
055515	Washburn, Jan	Garbage service for March	3271	198.78
055615	Waste Management			8,800.00
				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>

055715	Rocky Mountain	Becks - boot for JY	3031	190.00	
		Canon - copier rental	3111	339.45	
		Office Depot - Daily planner	3111	23.97	
		Office Depot - stationery	3111	48.47	
		Universal - HP printer	3121	367.62	
		Central - computer	3121	609.89	
		US Plastic - buckets	3131.1	81.45	
		Fedex - shipping	3131.1	104.14	
		Microscope.com - microscope	3131.1	869.00	
		Autozone - wrench	3171	21.97	
		Dewalt - clamp, flap	3171	26.92	
		Harbor Freight - rotary Rasjo	3171	21.87	
		Home Depot - supplies	3211	40.13	

Home Depot - plumbing supplies	3211	51.99
Lewis - welder rental	3211	71.94
AL Electric - Int Mat TMC	3211	78.56
Allied - tail light	3231	81.11
Autozone - funnels	3231	19.37
Home Depot - tubing	3231	8.98
Home Depot - hex bolt	3231	5.26
CA Service - dewalt	3231	13.24
TelePacific - comm exp	3291.1	893.86
Job Target - job announcement	3291.2	75.00
Chevron - gas	3351.1	37.27
Oakland - parking	3351.2	1.95
Famous Dave - lunch MT	3351.4	41.60
Safeway - board supply	3351.4	23.96
Peet's - board supply	3351.4	25.90
Safeway - field supplies	3391.2	9.78
Hose - underground sprayer	3391.6	132.01
Apple - i Pad and case	3392	764.86
Valley - Yellow pages	3392	758.55
Amazon - stand	3392	78.36
Mineralogical - adaptor	3392	988.43
HD - screen	3392	15.83
Flower - flower to MI	3392	87.18
CTC - subscription	3392	20.00
Lepera - legal expenses	3411	560.00
Sub-total		7,589.87

**Total**

**178,045.76**



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

WAR NO	PAYEE	FOR	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
055815	Vector Biologist	Total salary less deductions for payroll period	1011	2,547.77	
055815	Assist. Mosquito Control Tech.	"	1011	1,970.39	
055815	Vector Biologist	"	1011	2,764.97	
055815	Vector Biologist	"	1011	2,722.37	
055815	Mosquito Control Technician	"	1011	2,135.14	
055815	Environmental Specialist	"	1011	2,613.62	
055815	Field Supervisor	"	1011	2,995.05	
055815	Biological Specialist	"	1011	2,815.71	
055815	Entomologist	"	1011	3,169.14	
055815	Finance Manager	Total salary less deductions for payroll period	1011	2,459.14	
055815	Vector Biologist	"	1011	2,225.68	
055815	IT Specialist Assist. - Seasonal	"	1011	363.78	
055815	Mosquito Control Technician	"	1011	2,639.08	
055815	IT Specialist	"	1011	2,595.97	
055815	Mechanic Specialist	"	1011	2,882.98	
055815	Mechanic Specialist	"	1011	2,762.18	
055815	Lab - Seasonal	"	1011	916.13	
055815	IRS	Federal Tax Withheld	1011	6,342.69	
		Medicare Tax Withheld	1011	776.83	
		District Contribution to Medicare	1311	776.82	
055815	State of California	State Tax Withheld	1011	1,970.33	50,445.77
055915	Public Employees' Retirement System	Employees contributions	1011	15.00	
		Employee paid member contributions, 7%, 6.5%	1011	3,888.05	
		District contribution 12.330%, 6.7%	1211	6,546.94	10,449.99
056015	Aetna Life & Annuity	Employee contributions	1011		150.00
056115	Calpers 457 Plan	Employees contributions - PERS 457	1011		3,755.00
056215	Calpers	Health insurance	1411		28,090.89
056315	Jefferson Pilot Financial	Life insurance premium	1411		93.60

NO	PAYEE	FOR	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
056415	T Scott Donahue	In lieu - 1019th/1020th meeting	3351.5		200.00
056515	James Doggett	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
056615	Robert Dickinson	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
056715	Richard Guarienti	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
056815	Katherine Narum	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
056915	Scott Paulsen	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
057015	Ronald Quinn	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
057115	Ursula Reed	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
057215	William Spinola	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
057315	George Young	Trustee in lieu expenses - 1020th meeting	3351.5		100.00
057415	AT&T	Yellow pages listing	3392		62.00
057515	Airgas	Dry ice	3131.1	177.83	104.09
057615	Cintas	Personal supplies	3031		
		Laundry service	3071	-	177.83
		Air filter	3231		13.98
057715	Carquest Auto	Deposit per contract	5111		16,869.33
057715A	CentiMark	MVCAC Programmatic EIR	3411		644.66
057815	Cardno Entrix	Adaptor	3391.6	120.78	
057915	Grainger	Shoe cover	3031	16.42	
		Water hose	3391.4	33.54	
		Squeegee	3231	50.76	
		Diehead	3171	108.20	329.70
058015	Hayward Water	Utilities	3271		474.01
058115	Kimball Midwest	Trigger tie	3131.1		24.80
058215	Light House	Solenoid	3231		30.63
058315	Macke Water	Rental	3551		65.00
058415	Mar Len	Eye bolt, ball valve, pipe coupler	3231		313.32
058515	NBC Supply	Gloves	3031		197.78
WAR			ACCT NO	AMT OF CHARGE	AMT OF WARRANT
058615	PG & E	Utilities	3271		929.27
058715	Sonitrol	Monitoring charges	3551		717.49
058815	Techniclean	Soap	3051		86.51

058915	Verizon	3291.4	129.05
059015	Wright Express	3351.1	3,910.56
059115	Washburn, Jan	3411	6,400.00
	<b>Total Warrants</b>		<b>125,565.26</b>

**EXPENDITURES AS OF APRIL 30, 2015 - 17% OF FISCAL YEAR REMAINING.**

	EXPENDITURES	TO-DATE	BUDGETED	BALANCE	REMAINING
Salary & Wages	162,143.20	1,708,467.77	2,239,304.00	530,836.23	23.70%
Service and Supplies	124,598.49	621,400.71	896,362.00	274,961.29	30.70%
Capital Expenditures	16,869.33	168,497.63	324,000.00	155,502.37	48.00%
Reserve for Contingency	0.00	0.00	50,000.00	50,000.00	100%
Pesticide Shed Replacement	0.00	0.00	120,000.00	120,000.00	100%
<b>TOTAL</b>	<b>303,611.02</b>	<b>2,498,366.11</b>	<b>3,629,666.00</b>	<b>1,131,299.89</b>	

IV. CASH BALANCE - April 30, 2015 : \$ 4,596,115.98 (Does not include interest revenue for April)

Sincerely,  
  
 Jan Washburn  
 District Manager

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

	EXPENDED IN APR	EXPENDED TO DATE	BUDGETED	BALANCE	% EXPENDED
<b>SALARIES &amp; BENEFITS</b>					
1011 Salary and Wages	113,904.94	1,215,343.46	1,599,120.00	383,776.54	76%
1411 Contribution to Medicare	1,553.76	16,368.95	23,187.00	6,818.05	71%
1311 Contribution to Retirement	13,076.97	140,048.83	182,376.00	42,327.17	77%
1211 Contribution to Health Care	33,607.53	336,706.53	434,621.00	97,914.47	77%
<b>TOTAL SALARIES &amp; BENEFITS</b>	<b>162,143.20</b>	<b>1,708,467.77</b>	<b>2,239,304.00</b>	<b>530,836.23</b>	<b>76%</b>
<b>SERVICE AND SUPPLIES</b>					
3031 Clothing and Personal Supplies	769.01	4,003.23	8,500.00	4,496.77	47%
3051 Household Expenses	386.51	3,720.74	5,500.00	1,779.26	68%
3071 Laundry Service and Supplies	326.83	6,263.71	9,000.00	2,736.29	70%
3111 Office Expenses	1,057.59	11,200.44	16,000.00	4,799.56	70%
3121 Computer & Software	977.51	17,991.91	52,000.00	34,008.09	35%
3131 Laboratory					
3131.1 Mosquito Surveillance	1,302.29	4,192.19	9,400.00	5,207.81	45%
3131.2 Disease Surveillance	0.00	4,407.66	1,900.00	-2,507.66	232%
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	6.57	3,103.58	4,500.00	1,396.42	69%
3131.6 Reimbursement for light traps	0.00	150.00	150.00	0.00	100%
<b>Laboratory Total</b>	<b>1,308.86</b>	<b>16,921.54</b>	<b>18,150.00</b>	<b>1,228.46</b>	<b>93%</b>
3171 Small Tools and Instruments	334.06	968.07	1,500.00	531.93	65%
3211 Maintenance - Structures & Improvement	5,897.91	18,779.21	15,000.00	-3,779.21	125%
3231 Maintenance Equipment	832.35	20,419.30	40,000.00	19,580.70	51%
3271 Utilities	1,594.97	15,842.00	21,500.00	5,658.00	74%
3291 Communication					
3291.1 Telephone service & internet	893.86	7,898.71	12,000.00	4,101.29	66%
3291.2 Public Notices	75.00	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	129.05	2,212.33	4,200.00	1,987.67	53%
<b>Communications Total</b>	<b>1,097.91</b>	<b>11,130.73</b>	<b>17,075.00</b>	<b>5,944.27</b>	<b>65%</b>
3331 Memberships, Dues, Subscriptions	0.00	14,233.00	22,750.00	8,517.00	63%
3351 Transportation & Travel					
3351.1 Fuel & GPS	3,947.83	34,716.52	40,000.00	5,283.48	87%
3351.2 Misc Travel	1.95	61.76	4,000.00	3,938.24	2%
3351.3 Meetings & conferences	0.00	9,782.04	39,616.00	29,833.96	25%
3351.4 Board meeting expenses	91.46	758.83	800.00	41.17	95%
3351.5 Trustee in lieu	1,100.00	9,900.00	16,800.00	6,900.00	59%
<b>Transportation &amp; Travel Total</b>	<b>5,141.24</b>	<b>55,219.15</b>	<b>101,216.00</b>	<b>45,996.85</b>	<b>55%</b>
3391 District Special Expenses					
3391.1 Pesticides	75,106.80	156,459.81	150,000.00	-6,459.81	104%
3391.2 Field supplies	9.78	274.70	500.00	225.30	55%
3391.3 Sentinal Chickens	0.00	433.87	4,000.00	3,566.13	11%
3391.4 Fish & Fish Maint	33.54	665.19	4,000.00	3,334.81	17%
3391.51 Aerial Pool Survey		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	1,320.00	2,640.00	4,000.00	1,360.00	66%
3391.54 Board Plaques & nameplates	0.00	218.51	1,000.00	781.49	22%
3391.55 Seasonals (post ads, pre-empl phy)		0.00	1,000.00	1,000.00	0%
3391.6 Spray equipment & Safety	549.65	8,063.23	17,000.00	8,936.77	47%
<b>District Special Expenses Total</b>	<b>77,019.77</b>	<b>169,859.31</b>	<b>201,500.00</b>	<b>31,640.69</b>	<b>84%</b>
3392 Community Education	2,775.21	6,379.53	32,020.00	25,640.47	20%
3411 Professional and Specialized Services	24,296.27	157,906.11	217,700.00	59,793.89	73%
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	782.49	7,617.73	9,350.00	1,732.27	81%
<b>TOTAL SERVICES &amp; SUPPLIES</b>	<b>124,598.49</b>	<b>621,400.71</b>	<b>896,362.00</b>	<b>274,961.29</b>	<b>69%</b>

<b>CAPITAL</b>					
5111 Structures and Improvements	16,869.33	91,869.33	217,500.00	125,630.67	42%
5311 Equipment	0.00	76,628.30	106,500.00	29,871.70	72%
	<b>16,869.33</b>	<b>168,497.63</b>	<b>324,000.00</b>	<b>155,502.37</b>	<b>52%</b>
	<b>TOTAL CAPITAL</b>				
	<i>303,611.02</i>	<i>2,498,366.11</i>	<i>3,629,666.00</i>	<i>1,131,299.89</i>	
	<i>Annual Operating Expenditures</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	0.00	0.00	<b>2,177,200.00</b>	<b>2,177,200.00</b>	0%
Reserves for Public Health Emergencies	0.00	0.00	<b>250,000.00</b>	<b>250,000.00</b>	0%
Reserve for Capital Replacement	0.00	0.00	<b>591,364.00</b>	<b>591,364.00</b>	0%
	<b>0.00</b>	<b>0.00</b>	<b>3,188,564.00</b>	<b>3,188,564.00</b>	<b>0%</b>
	<b>Total Other</b>				

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

# *Alameda County Mosquito Abatement District*

## MONTHLY OPERATIONAL REPORT – April 2015

Dear Trustees:

### I. NARRATIVE

The District received a total of 160 requests for service during April. There were 36 mosquito-biting reports. The ten-year average for service requests regarding mosquitoes in April is 33.7.

Larval control efforts in April were focused primarily on five species of mosquitoes: *Aedes dorsalis*, the summer saltmarsh mosquito; *Culiseta inornata*, the winter marsh mosquito; *Culex tarsalis*, the encephalitis mosquito; *Culex pipiens* the house 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.

*Culiseta inornata*, the winter marsh mosquito, is found after the first rains in fall. The female mosquitoes over summer in protected sites that range from culvert pipes to gopher holes. After the first rains, these mosquitoes lay eggs in a wide range of sources from rain water pools to brackish marshes and will go through multiple cycles until the temperature warms in the spring. These large brown mosquitoes are usually found biting at dusk or on overcast days. There were 3 service requests attributed to adult *Cs. inornata* in April.

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. Mosquitofish were delivered to 84 local residents during the month. *Cs. incidens* larvae were found at 20 service requests 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 3 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 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 8 service requests attributed to *Cx. pipiens* during the month.

23187 Connecticut Street, Hayward, CA 94545 ♦ (510) 783-7744 Tel ♦ (510) 783-3903 FAX ♦

[www.mosquitoes.org](http://www.mosquitoes.org)

*Celebrating 82 Years of Service to the Residents of Alameda County*

## II. STATEMENT OF OPERATIONS – April 2015

### PROGRAM EVALUATION MEASUREMENTS

Mosquito service requests = 36 Ten-year average = 33.7  
Five-year average = 27  
Last year = 40  
Range (10 yr) = 14 - 62

Number of all injuries during 2015 = 1

### TOTAL SERVICE REQUESTS

Fish requests 84  
Mosquito biting 36  
Mosquitoes biting and fish 1  
Request for inspection 38  
Other 1

Total 160

Number of Sources Treated = 2367 (220 acres total)

### HOURS SPENT BY ACTIVITY

Category	Hours	Category	Hours
Mosquito Control	830	Regular Hours	1670.5
Disease Surveillance	247	Overtime Hours	29
Laboratory	192.25	Total Work	1699.5
Fish Rearing and Maintenance	6.5	Earned Time Off Used	41.25
Physical Control	18.75	Vacation	307.75
Public Education	101.25	Sick Leave	20
Equipment and Facility Maint.	216.5	Other Leave	0
Administration	833.75	Total Leave	369
Safety and Training	42.25	Total Hours	2068.5
Interagency Coordination	21.25		
Misc	5		
Total Work	1699.5		



## Manager's Report

May 13, 2015

- a. ***Aedes aegypti***: Two adult female mosquitoes, tentatively identified as *Aedes aegypti* were captured in an industrial area of Hayward on April 30 and May 1. This finding represents the first known record of this invasive mosquito in Alameda County. The appropriate State and County agencies were notified and emergency abatement and surveillance protocols were enacted. In its response, ACMAD followed the recommendations of the Response Plan to Invasive *Aedes* Species (June 2014) prepared by the California Department of Public Health. Staff met with representatives from CDPH at the District headquarters on May 8 to review ACMAD's response and future plans to address the problem. Both specimens were given to CDPA for DNA testing and verification.
- b. **Capital Improvement of the District Headquarters**: Centimark Roofing Company has almost finished installation of the new roof and skylights on the mechanic's shop. Installation should be completed within a week and has not interfered with our mosquito control operations. The project was delayed for two weeks to allow time for fabrication of the skylights.
- c. **Annual PEIR**: The District's PEIR is still in preparation, but should be completed by the end of May and will be available to Trustees prior to submission.
- d. **Hiring of a New Assistant Mosquito Control Technician**: The District has hired Jeremy Sette for the position of Assistant Mosquito Control Technician. Jeremy has worked for the past two summers as a seasonal employee of the San Mateo Mosquito and Vector Control District. He has completed parts A & B for certification and has prior experience with catch basin treatments and *Aedes aegypti* surveillance. Jeremy will begin working for the District on May 18.