

AGENDA

1025th MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

SEPTEMBER 9, 2015

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
Jan O. Washburn, City of Oakland
City of Alameda, vacant
City of Berkeley, 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 1024th meeting held August 12, 2015 (Board action required).
5. Resolution 1025-1 honoring Sharon Mead for her service as Systems Specialist (Board action required)
6. Financial Reports:
 - a. Review of warrants dated August 15, 2015 numbering 005416 through 008316 amounting to \$150,854.32 and warrants dated August 31, 2015 numbering 008416 through 011216 amounting to \$128,897.67 (Information only).
 - b. Review of Budget as of August 31, 2015. (Information only).
 - c. Review of Budget Summary received as of August 31, 2015. (Information only).
7. Presentation of the Monthly Staff Report for August 2015 by Field Operations Supervisor Joseph Huston. (Information only).

8. Presentation of the Manager's Report for August 2015. (Information only).
 - a. *Aedes aegypti* and West Nile virus update
 - b. EIR comment period ended
 - c. Meeting with the U.S. Fish and Wildlife regarding their mosquito management plan for the Don Edwards National Wildlife Refuge
 - d. Researching how new storm-water catchment requirements are affecting mosquito control
 - e. Staff updates
9. Board President asks for reports on conferences and seminars attended by Trustees.
10. Board President asks for announcements from members of the Board.
11. Board President asks trustees for items to be added to the agenda for the next Board meeting.
12. 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 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 4.

MINUTES

1024th MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

AUGUST 12, 2015

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
Jan O. Washburn, City of Oakland
City of Berkeley, vacant
City of Alameda, vacant

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

Trustees Young, Guarienti, Narum, Marquez, Paulsen, Donahue, Quinn, Spinola and Washburn were present; Trustee Dickinson arrived at 5:04; Trustees Doggett and Reed were absent

President Young welcomed new District Manager, Ryan Clausnitzer and returning Trustee and outgoing Interim Manager Jan O. Washburn

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: Carlos Oblites and Ellen Clark from PFM Asset Management LLC.

The Board approved the minutes of the 1023rd meeting held July 8th, 2015 (Marquez/Guarienti – unanimous).

Resolution 1024-1 passed honoring Jan O. Washburn for his service as Interim Manager.

The Board decided not to change the date of the 1025th meeting of the Board of Trustees from the 9th to the 16th. The date remains the 9th.

Carlos Oblites and Ellen Clark from PFM Asset Management LLC gave a presentation on the District's OPEB Trust finances. After obtaining an actuarial study, PFM and the Finance Committee will meet to discuss the current investment strategy.

The Trustees were given their AB 1234 ethics training due dates and resources will be provided on where to obtain the training. Trustee Washburn also mentioned the AB 1825 sexual harassment training that is due.

The Board reviewed warrants dated July 15, 2015 numbering 000116 through 001616 amounting to \$203,522.41 and warrants dated July 31, 2015 numbering 001716 through 005316 amounting to \$252,884.40.

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

The Manager presented the Monthly Operational Report for July 2015 and mentioned that the format of this report will change in the coming months.

The District Manager presented the Manager's Report for July 2015. No additional *Aedes aegypti* have been found in Alameda County as of August 12, and surveillance and abatement efforts are continuing. Trustee Paulsen requested information regarding the State's mandated response plan and how that affects the district's resources. Trustee Washburn provided further details on what the state response entails and our obligation to it. The district also focused operations in the Fremont area because of confirmed West Nile virus birds and mosquitoes. Trustees Narum and Marquez asked about the District's response policy to dead bird calls and that relationship to the State's dead bird hotline. Trustee Washburn and District Manager Clausnitzer explained the relationship while ensuring proper procedures will be improved upon if found deficient. The ACMAD EIR's comment period began at a public hearing August 5th, 2015 with no public attending. The comment period closes September 4th, 2015. Trustee Donahue requested further explanation on this process; this was provided by Trustees Guarienti, Paulsen, Washburn and the District Manager. The District Manager reported that one employee was let go while interviews are upcoming for two vacant mosquito technician positions. The audit partner will change while the audit firm will remain the same. Remaining insurance forms were given to trustees. Trustee Washburn was added to the Ad Hoc Long Range Committee while Trustee Marquez was added to the policy committee

Board President Young asked for reports on conferences and seminars attended by Trustees.

Trustee Donahue praised district employee Sette on his efficiency and professionalism in his response to a service request. Trustee Marquez requested a condensed PR release suited for social media.

Board President Young asked trustees for items to be added to the agenda for the September Board meeting. Trustees Narum and Marquez requested a report, through PERS, on the future health of the pension and health care specifically on the Affordable Care Act and the Cadillac Tax. The District Manager will prepare this report prior to the end of the calendar year, as requested by those Trustees.

The meeting adjourned at 6:30 pm.

Respectfully submitted,

Approved as written and/or corrected

Kathy Narum, Secretary
BOARD OF TRUSTEES

at the 1025th meeting of the Board of
Trustees held September 9th, 2015

George Young, President
BOARD OF TRUSTEES

Agenda item 5.

RESOLUTION NO. 1025-1

ALAMEDA COUNTY MOSQUITO
ABATEMENT DISTRICT

COMMENDATION TO: Sharon Mead

WHEREAS: You, Sharon Mead, served the District as research assistant from August 1985 until 1986, as a Mosquito Control Technician from 1986 until 1993, and as a System Specialist from 1993 until your retirement in October 2015, and

WHEREAS: You directed the District's IT infrastructure, trained staff in computer operations, generated reports requested by regulatory agencies, and modernized and managed the fish operations

WHEREAS: You were diligent in maintaining a smooth-running work place for District employees, and were effective in all aspects of your position as System Specialist, and

WHEREAS: You have served the District and citizens of Alameda County for more than 30 years, therefore be it

RESOLVED: We, the undersigned Manager and President of the Board of Trustees, do hereby extend our sincere appreciation for your dedication and service to this District.

George Young
President, ACMAD Board of Trustees

Ryan Clausnitzer
Manager, ACMAD

Agenda item 6a

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

WAR NO	PAYEE		ACCT NO	AMT OF CHARGE	AMT OF WARRANT
005416	Biological Specialist	Total salary less deduction for payroll	1011	2,537.12	
005416	Mosq Control Tech	August 1 to August 15, 2015.	1011	2,004.50	
005416	Vector Biologist	"	1011	2,701.70	
005416	Vector Biologist	"	1011	2,776.03	
005416	Mosq Control Tech	"	1011	2,172.55	
005416	Environment Specialist	"	1011	2,546.83	
005416	District Manager	"	1011	3,071.90	
005416	Field Sesonal	"	1011	1,131.02	
005416	IT Specialist	"	1011	2,464.87	
005416	Entomologist	"	1011	3,044.70	
005416	Field Seasonal	"	1011	922.46	
005416	Field Supervisor	"	1011	3,046.84	
005416	Finance Manager	"	1011	2,446.87	
005416	IT Seasonal	"	1011	1,074.43	
005416	Vector Biologist	"	1011	3,271.66	
005416	IT Specialist	"	1011	2,581.67	
005416	Lab Seasonal	"	1011	1,172.22	
005416	Asst Mosq Control Tech	"	1011	1,904.21	
005416	Mechanic Specialist	"	1011	2,884.05	
005416	Lab Seasonal	"	1011	1,046.73	
005416	IRS	Federal tax withheld (payroll)	1011	7,563.01	
		Medicare Tax Withheld (payroll)	1011	866.78	
		District Contribution to Medicare (payroll)	1311	866.77	
005416	State of California	State Tax withheld (payroll)	1011	2,307.97	56,406.89
005516	Public Employees' Retirement System	Employee Contributions	1011	15.00	
		Employee Paid Member Contributions, 7% & 6.5%	1011	3,924.20	
		Employer Contribution 9.353% & 6.73%	1211	4,890.95	8,830.15
005616	Aetna Life & Annuity	Employee Contributions	1011		150.00
005716	CALPERS 457 Plan	Employee Contributions - PERS 457	1011		2,430.00
005816	Delta Dental Plan	Monthly Premium	1411		4,643.17
005916	Vision Service Plan	Health premium	1411		1,019.52
006016	ACMAD	Transfer fund to City National, ADP payroll charges	101105		6,000.00
006116	Airgas	Dry ice	3131.1		923.88
006216	Adapco	Vectobac	3391.1		4,452.80
006316	Automatic Fire	Fire extinguishers	3211		183.85
006416	Bayside	Janitorial services, August 2015	3051		300.00
006516	BioQuip	EVS traps	3131.1		1,056.30
006616	Cintas	Laundry service	3071	251.46	
		Personal supplies	3031	0.00	251.46
006716	Corporate Park Landscaping	Landscape maintenance	3211		170.00
006816	Grainger	Power adapter	3131.1	106.50	
		Cloth	3231	37.11	143.61
006916	Hayward Water	Utilities	3271		947.65
007016	City of Hayward	Alarm permit renewal	3551		32.00
007116	KBA Docusys	Canon copier rental	3111		448.96
007216	Kimball Midwest	Trim detail	3231		46.78
007316	Livermore Auto	Condenser assy	3231		786.82
007416	Leipzig, Greg	Vacation payment (less withholding)	1011		4,989.82

007516	Lepera & Associates	Legal expenses	3411	3,980.00
007616	Municipal Resource	Human resources services	3411	5,890.88
007716	MVCAC	Mosq pool test	3131.3	820.00
007816	PFM Asset	Investment advisory services	3411	1,661.28
007916	CA Dept of Public Health	Certification renewal, RC	3391.53	120.00
008016	Quill	Stationery	3111	360.33
008116	Techniclean	Towel, tissue	3051	108.33
008216	Waste Management	Garbage, July service	3271	191.69

WAR			ACCT	AMT OF	AMT OF
NO	PAYEE		NO	CHARGE	WARRANT
008316	Rocky Mountain	Amazon - boots	3031	112.43	
		Amazon - boots	3031	112.67	
		Amazon - boots	3031	109.95	
		Canon - copier rental	3111	341.00	
		Central Computer - parts	3121	48.57	
		INQ - subscription	3121	19.95	
		Universl - printer	3121	470.96	
		Central Computer - parts	3121	1,475.52	
		TFS - supplies	3131.1	194.91	
		Kamps - propane	3131.1	27.13	
		Home Depot - mosq surveillance	3131.1	45.93	
		BioQuip - LED replacement	3131.1	69.92	
		SmartNFinal - mosq surveillance	3131.1	67.90	
		Amazon - mosq surveillance	3131.1	108.90	
		Paypal - disease surveillance	3131.2	210.86	
		SmartNFinal - disease surveillance	3131.2	29.45	
		Golden State - shipping	3131.2	41.52	
		Lifetech - mosq pool testing	3131.3	602.20	
		Lifetech - mosq pool testing	3131.3	572.00	
		Lifetech - mosq pool testing	3131.3	593.95	
		Orchard - misc supplies	3131.5	24.94	
		Amazon - misc supplies	3131.5	36.67	
		Home Depot - misc supplies	3131.5	60.40	
		Home Depot - misc supplies	3131.5	193.83	
		Safety Kleen - vacuum service	3211	326.50	
		Lock Doctor - keys	3231	109.80	
		TelePacific - comm exp	3291.1	625.00	
		TelePacific - comm exp	3291.1	922.31	
		Oakland Parking - parking	3351.1	11.15	
		Safeway - supplies	3351.3	348.44	
		SmartNFinal - supplies	3351.4	41.71	
		Round Table - supplies	3351.4	62.53	
		Safeway - supplies	3351.4	42.52	
		Home Depot - pesticide testing	3391.1	276.61	
		Simplified - fish tank cover	3391.4	387.36	
		Foodmaxx - fish tank baking soda	3391.4	14.36	
		Amazon - sprayer	3391.6	62.37	
		Amazon - sprayer	3391.6	37.57	
		Amazon - sprayer	3391.6	62.37	
		Amazon - sprayer	3391.6	37.57	
		Northern - backpack	3391.6	168.59	
		INT - public education	3392	17.60	
		Office Depot - stationery	3392	98.80	
		Mybinding - pouches	3392	39.29	
		Lamination - pouches	3392	22.82	
		Office Depot - badges	3392	61.35	
		Office Depot - labels	3392	38.49	
		CTC - subscription	3392	20.00	
		USPS - postage	3411	123.73	
		Lifetech - equipment to identify bird virus	202100	33,977.75	
		Sub-total			43,508.15

Total

150,854.32

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
LIST OF WARRANTS DATED AUGUST 31, 2015.

WAR NO	PAYEE	FOR	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
008416	Biological Specialist	Total salary less deductions for payroll period	1011	2,651.44	
008416	Mosq Control Tech	"	1011	2,004.50	
008416	Vector Biologist	"	1011	2,816.01	
008416	Vector Biologist	"	1011	2,776.03	
008416	Mosq Control Tech	"	1011	2,362.63	
008416	Environmental Specialist	"	1011	2,661.14	
008416	District Manager	"	1011	3,743.70	
008416	Field Seasonal	"	1011	1,242.72	
008416	IT Specialist	"	1011	2,808.76	
008416	Entomologist	"	1011	3,088.91	
008416	Field Seasonal	"	1011	1,242.72	
008416	Field Supervisor	"	1011	3,046.84	
008416	Finance Manager	Total salary less deductions for payroll period	1011	2,518.31	
008416	IT Seasonal	"	1011	1,144.08	
008416	Vector Biologist	"	1011	3,271.66	
008416	IT Specialist	"	1011	2,642.30	
008416	Lab Seasonal	"	1011	1,276.57	
008416	Asst Mosq Control Tech	"	1011	1,904.21	
008416	Mechanic Specialist	"	1011	2,998.37	
008416	Lab Seasonal	"	1011	1,106.09	
008416	IRS	Federal Tax Withheld	1011	7,765.73	
		Medicare Tax Withheld	1011	883.45	
		District Contribution to Medicare	1311	883.47	
008416	State of California	State Tax Withheld	1011	2,392.57	59,232.21
008516	Public Employees' Retirement System	Employees contributions	1011	15.00	
		Employee paid member contributions, 7%, 6.5%	1011	3,946.80	
		District contribution 9.353%, 6.73%	1211	4,921.14	8,882.94
008616	Aetna Life & Annuity	Employee contributions	1011		150.00
008716	Calpers 457 Plan	Employees contributions - PERS 457	1011		2,430.00
008816	Calpers	Health insurance	1411		38,359.98
008916	Jefferson Pilot Financial	Life insurance premium	1411		46.80
009016	T Scott Donahue	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
	James Doggett	Trustee in lieu expenses - 1024th meeting	3351.5		-
009116	Robert Dickinson	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
009216	Richard Guarienti	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
009316	Elisa Marquez	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
009416	Katherine Narum	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
009516	Scott Paulsen	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
009616	Ronald Quinn	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
	Ursula Reed	Trustee in lieu expenses - 1024th meeting	3351.5		-
009716	William Spinola	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
009816	George Young	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
009916	Jan Washburn	Trustee in lieu expenses - 1024th meeting	3351.5		100.00
010016	AT&T	Yellow pages listing	3392		62.00
010116	Cintas	Personal supplies	3031		-
		Laundry service	3071	169.06	169.06
010216	Entrix	MVCAC Programmatic EIR	3411		573.83
010316	City of Hayward	Hazardous material permit	3391.52		1,103.00
010416	Macke Water	Rental	3551		65.00
010516	NBC	Eyewear, gloves	3391.6		326.04

WAR NO	PAYEE	FOR	ACCT NO	AMT OF CHARGE	AMT OF WARRANT
010616	PG & E	Utilities	3271		1,444.85
010716	Sonitrol	Monitoring charges	3551		717.49
010816	Sette, Jeremy	Pipe insulation	3391.2		13.62
010916	Sunlight Comm	Comm consultation	3291.1		1,190.00
011016	Team Builders	Aerial survey	3391.51		7,740.00
011116	Verizon	Communication expenses	3291.4		1,066.87
011216	Wright Express	Fuel expenses, statement ended 08-15-15	3351.1		4,323.98
Total Warrants					128,897.67

Agenda Item 6b

Alameda County Mosquito Abatement
As of AUGUST 31, 2015. (2 of 12 mth, 16.67%)

	EXPENDED IN AUGUST	EXPENDED TO DATE	BUDGETED	BALANCE	% EXPENDED
SALARY & BENEFITS					
1011 Salary and Wages	131,939.68	263,024.99	1,573,549.00	1,310,524.01	17%
1411 Contribution to Medicare	1,750.24	3,552.20	26,781.00	23,228.80	13%
1311 Contribution to Retirement	9,812.09	100,754.65	202,026.00	101,271.35	50%
1211 Contribution to Health Care	44,069.47	79,872.75	443,302.57	363,429.82	18%
TOTAL SALARY & BENEFITS	187,571.48	447,204.59	2,245,658.57	1,798,453.98	20%
SERVICE AND SUPPLIES					
3031 Clothing and Personal Supplies	335.05	784.90	8,500.00	7,715.10	9%
3051 Household Expenses	408.33	768.84	5,500.00	4,731.16	14%
3071 Laundry Service and Supplies	420.52	841.04	9,000.00	8,158.96	9%
3111 Office Expenses	1,150.29	1,758.37	20,000.00	18,241.63	9%
3121 Computer & Software	2,015.00	2,015.00	12,000.00	9,985.00	17%
3131 Laboratory					
3131.1 Mosquito Surveillance	2,601.37	2,601.37	15,000.00	12,398.63	17%
3131.2 Disease Surveillance	281.83	281.83	7,155.00	6,873.17	4%
3131.3 Mosq pool testing	2,588.15	2,588.15	36,000.00	33,411.85	7%
3131.4 Hood certification	0.00	0.00	200.00	200.00	0%
3131.5 Misc lab eqpt & supplies	315.84	315.84	6,285.00	5,969.16	5%
3131.6 Reimbursement for light traps	0.00	0.00	200.00	200.00	0%
Laboratory Total	5,787.19	5,787.19	64,840.00	59,052.81	9%
3171 Small Tools and Instruments	0.00	0.00	2,500.00	2,500.00	0%
3211 Maintenance - Structures & Improvement	680.35	850.35	20,000.00	19,149.65	4%
3231 Maintenance Equipment	980.51	980.51	45,000.00	44,019.49	2%
3271 Utilities	2,584.19	4,037.52	22,000.00	17,962.48	18%
3291 Communication					
3291.1 Telephone service & internet	2,737.31	2,737.31	13,500.00	10,762.69	20%
3291.2 Public Notices	0.00	0.00	500.00	500.00	0%
3291.3 Website & email hosting	0.00	0.00	270.00	270.00	0%
3291.4 Cell phone services	1,066.87	2,618.94	10,000.00	7,381.06	26%
Communications Total	3,804.18	5,356.25	24,270.00	18,913.75	22%
3331 Memberships, Dues, Subscriptions	0.00	50.00	20,700.00	20,650.00	0%
3351 Transportation & Travel					
3351.1 Fuel & GPS	4,335.13	8,356.63	44,000.00	35,643.37	19%
3351.2 Misc Travel	0.00	0.00	0.00	0.00	0%
3351.3 Meetings & conferences	348.44	348.44	45,000.00	44,651.56	1%
3351.4 Board meeting expenses	146.76	146.76	800.00	653.24	18%
3351.5 Trustee in lieu	1,000.00	1,900.00	16,800.00	14,900.00	11%
Transportation & Travel Total	5,830.33	10,751.83	106,600.00	95,848.17	10%
3391 District Special Expenses					
3391.1 Pesticides	4,729.41	14,562.51	175,000.00	160,437.49	8%
3391.2 Field supplies	13.62	36.22	500.00	463.78	7%
3391.3 Sentinal Chickens	0.00	0.00	0.00	0.00	0%
3391.4 Fish & Fish Maint	401.72	401.72	4,000.00	3,598.28	10%
3391.51 Aerial Pool Survey	7,740.00	7,740.00	17,000.00	9,260.00	46%
3391.52 Permits	1,103.00	1,104.00	3,000.00	1,896.00	37%
3391.53 Continuing Education fees	120.00	120.00	4,000.00	3,880.00	3%
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	694.51	694.51	17,000.00	16,305.49	4%
District Special Expenses Total	14,802.26	24,658.96	222,000.00	197,341.04	11%
3392 Community Education	360.35	422.35	33,000.00	32,577.65	1%
3411 Professional and Specialized Services	12,229.72	25,379.72	224,887.00	199,507.28	11%
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	814.49	1,531.98	9,350.00	7,818.02	16%
TOTAL SERVICES & SUPPLIES	52,202.76	192,242.81	953,242.00	760,999.19	20%

CAPITAL						
5111 Structures and Improvements		0.00	0.00	190,000.00	190,000.00	0%
5311 Equipment		0.00	0.00	58,000.00	58,000.00	0%
	TOTAL CAPITAL	0.00	0.00	248,000.00	248,000.00	0%
Reserve fo Contingencies		0.00	0.00	50,000.00	50,000.00	
OPEB Trust Reimbursement		0.00	0.00	145,000.00	145,000.00	
	<i>Annual Operating Expenditures</i>	<i>239,774.24</i>	<i>639,447.40</i>	3,641,900.57	3,002,453.17	
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		239,774.24	639,447.40	7,472,846.57	6,833,399.17	

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

**Agenda Item 6c
III.**

STATEMENT OF EXPENDITURES - AUGUST 31, 2015.

	Budget Year 15-16			
	EXPENDITURES	TO-DATE	BUDGETED	BALANCE
Salary & Wages	187,571.48	447,204.59	2,245,658.57	1,798,453.98
Service and Supplies	52,202.76	192,242.81	953,242.00	760,999.19
Capital Expenditures	0.00	0.00	248,000.00	248,000.00
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	239,774.24	639,447.40	3,641,900.57	3,002,453.17

IV. CASH BALANCE - August 31, 2015 : \$ XXXXXXXX (Does not include interest revenue for August)

Sincerely,

Ryan Clausnitzer
District Manager

Agenda Item 7.

Alameda County Mosquito Abatement District

BOARD OF TRUSTEES
George Young, President
Richard Guarienti, Vice-President
Kathy Narum, Secretary
Robert Dickinson
James N. Doggett
Elisa Marquez
Scott Paulsen
Ursula Reed
Ronald E. Quinn
William M. Spinola
Scott Donahue
Jan O. Washburn

Ryan Clausnitzer
District Manager
ryan@mosquitoes.org

MONTHLY STAFF REPORT – August 2015

1. OPERATIONS

Dear Trustees:

A. Narrative

The main focus of inspection and treatment for the month of August was spent on the two main vectors of West Nile virus (WNV) in Alameda County; *Culex pipiens* (the House Mosquito) and *Culex tarsalis* (the Encephalitis Mosquito). These efforts occurred throughout the County. Staff collected eight WNV positive birds (six in Fremont, two in Hayward) and one *Cx. tarsalis* WNV positive mosquito pool in the city of Fremont. The first response to positive birds and or positive mosquito pools is to immediately focus field operation efforts to the collection location. In each instance, field staff, field seasonal hires, and the Field Operation Supervisor inspected and treated numerous sources including: catch basins, canals, swimming pools, ponds, and freshwater marshes in broad areas around the positive collection localities. The district also utilized a new piece of equipment which applies aerosolized larviciding oil to difficult to treat underground storm drains holding standing water. Based on trap data from our laboratory, numbers of adult *Cx. tarsalis* and *Cx. pipiens* dropped substantially in these areas of focused inspection and treatment.

Spring, summer and fall high tides always lend to more comprehensive monitoring and treatment for *Aedes dorsalis* (Salt Marsh Mosquito). Areas that flood and impound saltwater on high tide events can produce significant number of this aggressive day-biting mosquito. July 30th and August 1st were the highest tides this year during the prime *Ae. dorsalis* season. Numerous tidal sources were inspected and treated for this species and for the second time in district history, helicopter treatments were utilized for this species at Mowry Slough, Pintail Marsh, and Albrae Marsh. Close to 200 acres were treated with Vectobac® GS, a fine granular formulation of *Bacillus thuringiensis israelensis* (Bti). This application provided treatment for large areas that pose significant challenges for field staff due to access issues, safety concerns, and equipment limitations requested by the U.S Fish and Wildlife Service. Pre-treatment inspections by the Field Operation Supervisor and District Manager with post treatment inspections showed the treatment to be very successful. Other *Ae. dorsalis* treatments throughout the tidal marsh sources of the County showed similar results. No service requests attributable to *Ae. dorsalis* were received in the month of August.

August operations also had a large number of inspections and treatments for *Culiseta incidens* (The Fish Pond Mosquito). This mosquito can generate a large number of service requests if not monitored and treated on a regular basis. Still sections of creeks, backyard ponds, and containers are the

main sources field staff inspect and treat for this species. Along with *Cx. pipiens*, *C. incidens* generates the highest number of Mosquito complaint service requests in the County.

Three species of the *Anopheles spp.* were treated in creeks and ponds in several zones during the month of August. These mosquitoes tend to breed on top of algae mats and can be very aggressive biters. *Anopheles spp.* are vectors of malaria, while this disease is currently not endemic to Alameda County, the threat certainly remains.

As of the close of August, nearly all of the swimming pools slated for inspection and/or treatment from the two sets of aerial surveys were completed. Pool inspections can be difficult, complicated and in some situations dangerous due to issues such as non-cooperative residents, debris, access issues, and dogs. Field operations staff did a great job with what can be a difficult set of circumstances and inspected and treated a significant number of swimming pools this season.

Field staff and district personnel in general are often asked about how drought conditions have affected mosquito populations and field operations in the County. For some species the numbers are down as many sources dried out months earlier than usual causing fewer breeding sites than in a normal rain year. We are finding species, such as *Cx. pipiens* and *Cx. tarsalis*, utilizing smaller and more difficult to locate and treat sources of water. Female mosquitoes also appear to be traveling farther distances to acquire blood meals and viable sources to lay eggs. The aerosolizer has been a great tool to get treatment into these areas.

Joseph Huston
Field Operations Supervisor

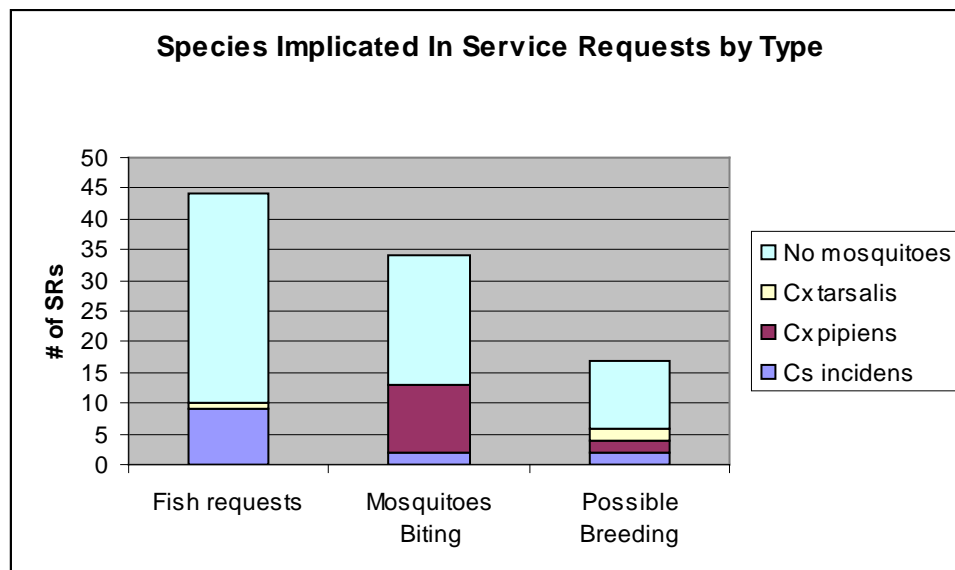
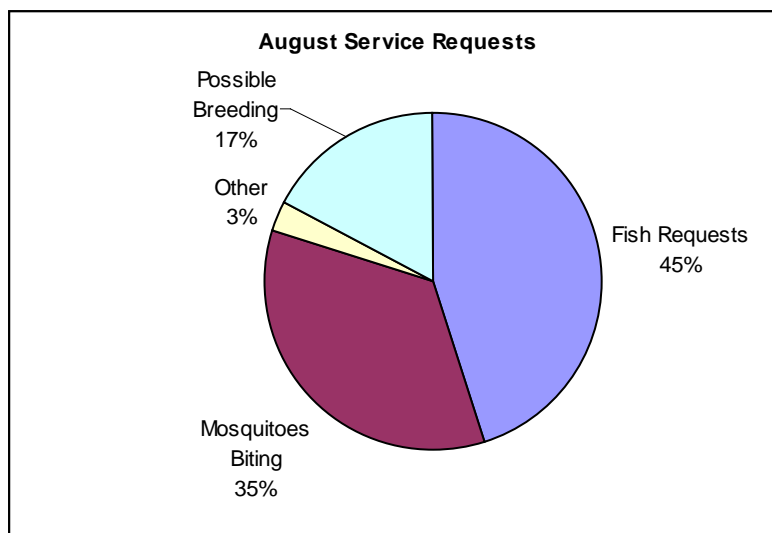
B. Statement Of Operations – August 2015

PROGRAM EVALUATION MEASUREMENTS

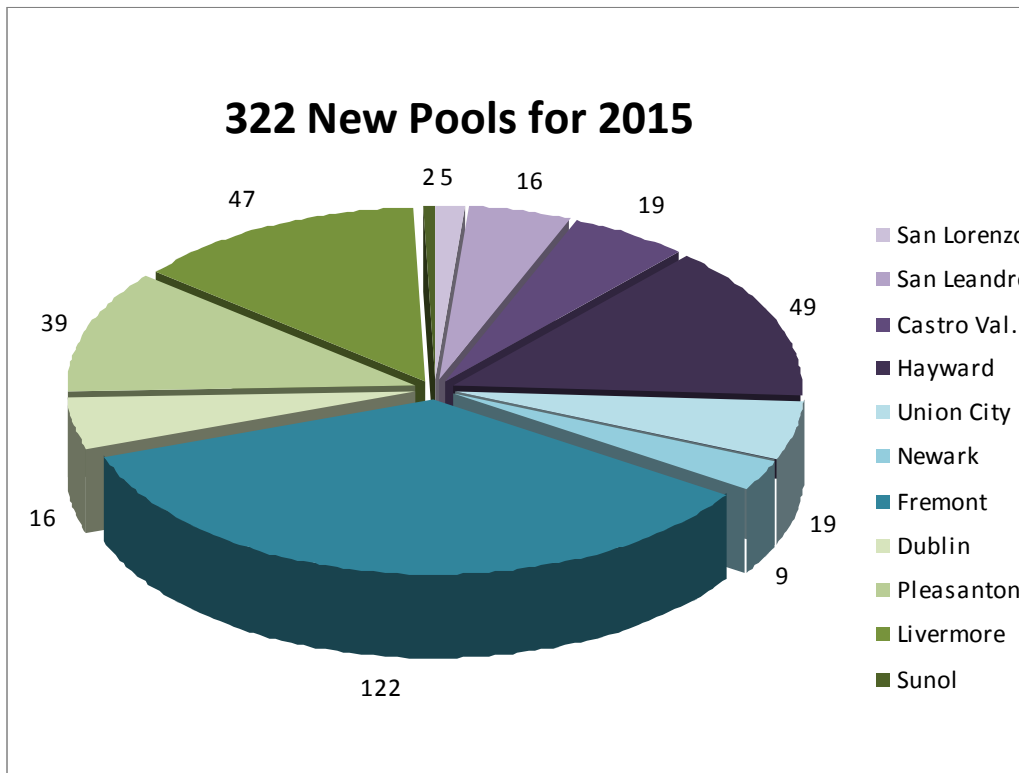
Mosquito service requests = 40
 Ten-year average = 31.0
 Five-year average = 26.8
 Last year = 40
 Range (10 yr) = 19 - 59

Number of all injuries during 2015 = 1

SERVICE REQUESTS



Results for a Total of 462 Pools Checked:							
Clean	Dry	Breeding	Treated	Fish Planted	Fish Established	Not a Pool	Total Hrs Spent
146	56	81	135	38	38	37	286



Activity Report

Administration	958	Vacation hrs used	192.25
Larval Surveillance & Control	990.25	Sick hours used	82.5
Disease monitoring	300	Workers Comp	0
Laboratory	338.75	ETO used	64.25
Equipment & Facility Maintenance	137.75	Total Leave	339
Public Education	61.75	Total Work	2872.5
Interagency Communication	12.25		
Fish Rearing and Maintenance	46.5	Total Hours	3211.5
Safety	14.75		
Misc	12.5		
Regular Hours	2854.5		
Overtime hours	18		
Total Work	2872.5		

Agenda Item 8.

Manager's Report

September 9, 2015

- a. *Aedes aegypti* and West Nile virus update

- b. EIR comment period ended

- c. Meeting with the U.S. Fish and Wildlife regarding their mosquito management plan for the Don Edwards National Wildlife Refuge

- d. Researching how new storm-water catchment requirements are affecting mosquito control

- e. Staff updates