



BOARD OF TRUSTEES MEETING

****Monday, March 12, 2018****

7:00 p.m.

District Office

155 Mason Circle

Concord, California 94520

1. CALL TO ORDER
2. ROLL CALL
3. PLEDGE OF ALLEGIANCE
4. APPROVAL OF THE AGENDA AS POSTED (OR AMENDED)
- 5.* PUBLIC INPUT ON NON AGENDA ITEMS
Public Participation: Members of the public may address the Board of Trustees regarding items of interest that are within the subject matter jurisdiction of the Board of Trustees. Generally, the Board will not enter into a dialogue during this period.

Speakers should have a “Speaker Card” completed and presented to the Clerk of the Board prior to the start of the Board meeting. Public input on agenda items will be taken at the beginning of the discussion of those agenda items.

Comments shall be limited to **three minutes per person**, unless different time limits are set by the Chairperson.

6. PRESENTATION
Mark Lewis, newly appointed Trustee representing City of Orinda
Perry Carlston, for 5 years of service
7. CONSENT CALENDAR
The following items listed ☼ are enclosed. If the Board would like to discuss any item listed, it may be pulled from the Consent Calendar.
 - A.☼ MINUTES (Pages 9-16) - APPROVAL OF MINUTES 18-1, REGULAR BOARD MEETING HELD ON JANUARY 8, 2018 AND APPROVAL OF MINUTES 18-2, SPECIAL BOARD MEETING HELD ON FEBRUARY 12, 2018.

Protecting Public Health Since 1927

BOARD OF TRUSTEES

President WARREN CLAYTON Pinole • Vice President MICHAEL KRIEG Oakley • Secretary H. RICHARD MANK El Cerrito
Antioch LOLA ODUNLAMI • Brentwood Vacant • Clayton PEGGIE HOWELL • Concord PERRY CARLSTON • Contra Costa County JIM PINCKNEY, CHRIS COWEN & DARRYL YOUNG
Danville RANDALL DIAMOND • Hercules Vacant • Lafayette JAMES FITZSIMMONS • Martinez DANIEL PELLEGRINI • Moraga ROBERT LUCACHER • Orinda MARK LEWIS
Pittsburg RICHARD AINSLEY, PhD • Pleasant Hill RICHARD MEANS • Richmond SOHEILA BANA, PhD • San Pablo Vacant • San Ramon PETER PAY • Walnut Creek JAMES MURRAY

- B. ☼ EXPENDITURES (Pages 17-26) - APPROVAL OF EXPENDITURES OF JANUARY 1, 2018 THROUGH FEBRUARY 28, 2018, INCLUDING CHECKS NO. 26636 THROUGH NO. 26778, IN THE AMOUNT OF \$470,171.77.
- C. PAYROLL - APPROVAL OF PAYROLL EXPENDITURES OF JANUARY 1, 2018 THROUGH FEBRUARY 28, 2018, INCLUDING CHECKS NO. 16038 THROUGH NO. 16048 AND DIRECT DEPOSIT NO. D02223 THROUGH NO. D02372 IN THE AMOUNT OF \$309,487.07.
- D. ☼ INVESTMENT ACTIVITY REPORT FOR DECEMBER 2017 & JANUARY 2018 (Pages 27-31)
- E. ☼ FINANCIAL REPORT (Pages 32-33)
- F. APPROVAL OF TRUSTEE EXPENSES

8. <u>ACTION ITEMS</u>	<u>Comments</u>	<u>Action Required</u>
<u>Item</u>		
A. <u>Report on District FY 16/17 Financial Audit (Enclosed)</u>	Rodriguez Fitzsimmons	
<u>Recommendation</u> - To accept the District FY 16/17 Financial Audit and Memorandum on Internal Control		**
B. <u>Approval of District Trustee Committee Members for 2018</u>	Waletzko	
<u>Recommendation</u> – To approve the current roster of trustee committee members for 2018 (Page 34)		**
C. <u>Appointment of a Trustee as the District Voting Delegate at the Local Agency Formation Commission Special District’s Election</u>	Waletzko	
<u>Recommendation</u> – To Appoint a Trustee and an Alternate as the District Voting Delegate for the LAFCO Election		

9. <u>INFORMATION ITEMS</u>	<u>Comments</u>	<u>Required</u>
A. <u>Annual Environmental Report/CEQA Compliance (Pages 35-50)</u>	Schutz	

CLOSED SESSION

B. CONFERENCE WITH LABOR NEGOTIATORS

CONFERENCE WITH WARREN CLAYTON, PRESIDENT OF THE BOARD, FRAN BUCHANAN, IEDA, PAULA MACEDO, GENERAL MANAGER AND RAY WALETZKO, ASSISTANT MANAGER, AS DISTRICT NEGOTIATORS, TO REVIEW THE DISTRICT'S POSITION ON SALARY AND BENEFITS FOR REPRESENTED EMPLOYEES, PURSUANT TO CALIFORNIA GOVERNMENT CODE 54957.6(a).

Titles: All represented employees (SEIU Local 1021)

C. PUBLIC EMPLOYEE PERFORMANCE EVALUATION PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 54957

Title: General Manager

RETURN FROM CLOSED SESSION

REPORT FROM CLOSED SESSION

10. BOARD AND STAFF ANNOUNCEMENTS

- A. Board
- B. General Manager
- C. Staff Report
- D. Legal

11. ADJOURNMENT

I hereby certify that the District Board of Trustee Agenda was posted 72 hours, 10 days, or hours before the noted meeting.



Natalie Jones, Administrative Assistant

3/2/18

Date

The Contra Costa Mosquito & Vector Control District will provide reasonable accommodations for persons with disabilities planning to attend CCMVCD meetings who contact Natalie Jones at least 24 hours before the meeting, at (925) 771-6100.

Documents that are disclosable public records required to be made available under California Government Code Section 54957.5 (b) (1) and (2) are available to the public for inspection at no charge during business hours at our administrative office located at 155 Mason Circle, Concord, California.

March 2, 2018

STAFF REPORT
MARCH 12, 2018 BOARD MEETING
AGENDA

- 1-7. E. No Comment, See Agenda.
7. F. APPROVAL OF TRUSTEE EXPENSES - Trustee Howell is requesting authorization for expensing travel to the Mosquito & Vector Control Association of California (MVCAC) annual meeting in Monterey, CA, January 28-31, 2018. Trustee Odunlami is requesting authorization for travel expenses to the CSDA Special District Leadership Academy for Governance Foundations – Module 1, on March 20, 2018, in Sacramento, CA.

8. ACTION ITEMS

Item

- A. Report on District Annual Financial Audit (Enclosed) - District Audit Committee Chair, Trustee Jim Fitzsimmons, and Ms. Vikki Rodriguez, Partner from the firm of Maze & Associates, will discuss the Fiscal Year 16/17 annual financial audit that is enclosed with this Board packet. The District received an unmodified opinion for this audit; which is the cleanest opinion available.

Some areas of special interest, and the corresponding page number in the audit and memorandum on internal control, are highlighted as follows:

Page 1 - Auditor Opinion

This language is the best possible audit language, a clean audit. The auditor will describe it as an unmodified audit or in the past an unqualified audit.

Page 4 - Current Year Financial Highlights

The District fiscal year 2016/2017 total current assets increased 12.5% from fiscal year 2015/2016. The majority of this \$964,616 increase was due to the growing assessed value of properties in Contra Costa County and the property taxes that are passed on to the District.

District general fund revenues were \$537,013 over the amount budgeted for fiscal year 2016/2017 and general fund expenditures were approximately \$248,000 less than budgeted.

The District created an irrevocable trust in fiscal year 2010/2011 for Other Post Employment Benefits (OPEB) designed to cover medical costs for retirees of the

District. Per actuarially determined requirements the District contributed \$145,000 to this trust in fiscal year 2016/2017 and we took a distribution of \$46,032 to cover the current year cost of our retirees' medical coverage. The fund grew by 19% in fiscal year 2016/2017 and had a balance of \$1,742,107 at 6/30/17.

Total net pension liability of the District at June 30, 2017, was \$5,140,418. This amount is determined by the Contra Costa County Employees Retirement Association Act 37 retirement plan. This District liability decreased by 9.27% from June 30, 2016, due to an increase in investment form the retirement system investments.

Page 6 - Statement of Net Position

This long term prospective shows that the District's assets exceed our liabilities by \$6,029,229.

Page 8 - Balance Sheet

Fund Balances show the District has funds committed (designated) for: Africanized Honey Bee, Emerging Disease Surveillance, Building Fund and Public Health Emergency. These funds have been committed from District reserves by past Board action.

Page 12 - Statement of Revenues, Expenditures and Changes in Fund Balance

This statement shows that the Board of Trustees adopted a fiscal year 2016/2017 surplus budget of \$203,790. Due to an increase in projected revenues and a decrease in actual expenditures the District finished the fiscal year with a positive change in fund balance of \$1,000,357.

Page 24 - Note 6 - Pension Plan

This note summarizes the District contributions for employer and employees contributions to the Contra Costa County Employees Retirement Association plan. In fiscal year 2014/2015 the District implemented Government Accounting Standards Board (GASB) Statements Number 68 and 71 to account for the District's net retiree pension liability. Per the required calculations the District Total Net Pension Liability is \$5.14 million, based on projections of the District's long-term share of contributions to the pension plan relative to the projected contributions of all participating employees.

Page 29 - Note 7 - Other Post Employment Benefits (OPEB)

This note explains that the District provides post retirement health care benefits to employees. As part of an independent actuarial valuation effective July 1, 2014, it was determined that the District Annual Required Contribution (ARC) dollar

amount needed to be in complete compliance with Government Accounting Standards Board ruling number 45 was \$145,000 and the District complied during the fiscal year. The actuarial value of assets in the OPEB trust as of July 1, 2017 is \$1,742,107.

The Memorandum on Internal Control and Required Communications - Page 5

The District implemented new accounting system software in fiscal year 2015/2016 and some difficulties were encountered. The District retained a software consultant to improve and refine the accounting procedures. The closing of the June 30, 2017 general ledger showed the financial system errors have been corrected.

The Memorandum on Internal Control and Required Communications - Page 6

Due to the new software implementation in fiscal year 2015/2016 the bank reconciliations did not tie to the general ledger. After considerable effort the District bank and investment accounts are now reconciled to the general ledger and reviewed monthly.

Recommendation - To accept the District Annual Financial Audit for Fiscal Year 16/17 and the Memorandum on Internal Control.

- B. Approval of District Trustee Committee Members for 2018 - The District primary banking institution, Bank of the West, would like to see Board minutes that officially designate Board members who are on the Executive Committee; and can thereby sign District checks.

Recommendation - To approve the current roster of trustee committee members for 2018 (Page 34)

- C. Appointment of a Trustee as the District Voting Delegate at the Local Agency Formation Commission Special District's Election – Independent Special Districts currently have a representative and an alternate on the LAFCO board and they are up for election. LAFCO was created to review such things as special district boundary changes, municipal service reviews and annexations. The vote for special district representation will be held by mail, with ballots due April 11, 2018. We should have candidate statements in near future for the appointed trustee(s) to review.

Recommendation – To Appoint a Trustee and an Alternate as the District Voting Delegate for the LAFCO Election

9. INFORMATIONAL ITEMS

- A. Annual Environmental Report/CEQA Compliance Schutz
(Pages 35-50)

CLOSED SESSION

B. CONFERENCE WITH LABOR NEGOTIATORS

CONFERENCE WITH WARREN CLAYTON, PRESIDENT OF THE BOARD, FRAN BUCHANAN, IEDA, PAULA MACEDO, GENERAL MANAGER AND RAY WALETZKO, ASSISTANT MANAGER, AS DISTRICT NEGOTIATORS, TO REVIEW THE DISTRICT'S POSITION ON SALARY AND BENEFITS FOR REPRESENTED EMPLOYEES, PURSUANT TO CALIFORNIA GOVERNMENT CODE 54957.6(a).

Titles: All represented employees (SEIU Local 1021)

C. PUBLIC EMPLOYEE PERFORMANCE EVALUATION PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 54957

Title: General Manager

RETURN FROM CLOSED SESSION

10. BOARD AND STAFF ANNOUNCEMENTS

- A. Board**
- B. General Manager**
- C. Staff Report**
- D. Legal**

11. ADJOURNMENT

CONTRA COSTA MOSQUITO & VECTOR CONTROL DISTRICT

UNUSUAL ITEMS LIST

<i>DATE</i>	<i>CHECK #</i>	<i>AMOUNT OF CHECK</i>	<i>VENDOR & DESCRIPTION</i>
January 15, 2018	026644	2495.00	Liebert Cassidy – NorCal Consortium Membership
“ “ “ “	026654	1428.00	Bold, Polisner, Maddow, Nelson & Judson – Professional Legal Services
“ “ “ “	026656	5763.02	RKL eSolutions LLC – Sage 100 ERP Accounting Software Training
“ “ “ “	026662	1098.00	Heluna Health – Chicken Sera Testing for FY2017
January 31, 2018	026702	2900.00	Calderon Janitorial Services – Services for Stripping and Waxing Floors
February 15, 2018	026718	6590.00	Liebert Cassidy – Professional Legal Services for Ongoing Investigations and Consulting
“ “ “ “	026726	1837.90	Bold, Polisner, Maddow, Nelson & Judson – Professional Legal Services for Ongoing Investigations and Consulting
“ “ “ “	026733	7650.00	Aaronson, Dickerson, Cohn & Lanzone - Professional Legal Services for Ongoing Investigations and Consulting
“ “ “ “	026734	4987.50	Heluna Health – Chicken Sera Testing for FY2018
February 28, 2018	026751	19894.25	Liebert Cassidy – Professional Legal Services for Ongoing Investigations and Consulting

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT
BOARD MEETING
MINUTES NO. 18-1

A regular meeting of the Board of Trustees of the Contra Costa Mosquito and Vector Control District was held on January 8, 2018, in the District Office at 155 Mason Circle, Concord, California.

TRUSTEES PRESENT Richard Ainsley
 Perry Carlston
 Warren Clayton
 Jim Fitzsimmons
 Peggie Howell
 Robert Lucacher
 Richard Mank
 James Murray
 Lola Odunlami
 Peter Pay
 Daniel Pellegrini
 Jim Pinckney
 Diane Wolcott

TRUSTEES ABSENT Soheila Bana
 Chris Cowen
 Randall Diamond
 Michael Krieg
 Richard Means
 Darryl Young

OTHERS PRESENT Paula Macedo, General Manager
 Douglas Coty, Legal Counsel
 Ray Waletzko, Assistant Manager
 Natalie Jones, Administrative Assistant
 Jason Descans, Vector Control Inspector

1. President Howell called the meeting to order at 7:02 p.m.
 2. A roll call indicated that 13 Trustees were present, six were absent, and there are three vacancies.
 3. The meeting opened with the Pledge of Allegiance.
 4. **APPROVAL OF THE AGENDA AS POSTED**
- ** Motion was made by Trustee Pellegrini and seconded by Trustee Pinckney to approve the agenda as posted. *Motion passed unanimously.***

5. PUBLIC INPUT ON NON AGENDA ITEMS - None

6. CONSENT CALENDAR

- A. MINUTES - APPROVAL OF MINUTES 17-6, REGULAR BOARD MEETING HELD ON NOVEMBER 13, 2017.
- B. EXPENDITURES - APPROVAL OF EXPENDITURES OF NOVEMBER 1, 2017 THROUGH DECEMBER 31, 2017, INCLUDING CHECKS NO. 26478 THROUGH NO. 26635, IN THE AMOUNT OF \$465,302.99
- C. PAYROLL - APPROVAL OF PAYROLL EXPENDITURES OF NOVEMBER 1, 2017 THROUGH DECEMBER 31, 2017, INCLUDING CHECKS NO. 016028 THROUGH NO. 016037 AND DIRECT DEPOSIT NO. D02075 THROUGH NO. D02222 IN THE AMOUNT OF \$307,242.66
- D. INVESTMENT ACTIVITY REPORT FOR OCTOBER 2017 & NOVEMBER 2017
- E. FINANCIAL REPORT
- F. EXCESS OF EQUIPMENT
- G. APPROVAL OF TRUSTEE TRAINING

** Motion was made by Trustee Pellegrini and seconded by Trustee Pinckney to approve the consent calendar. *Motion passed unanimously.*

7. BOARD AND STAFF REPORTS

- A. Board – Trustee Wolcott announced her retirement from the board effective February 2018. President Howell noted that during the last meeting, the board approved Trustee Wolcott’s travel to the Annual MVCAC Conference in Monterey on January 28, 2018, and asked if any other Trustee would be interested in attending in her place, since no one volunteered Trustee Wolcott will attend the conference as planned and present a report to the Board.
- B. General Manager – General Manager Macedo provided trustees with her work cell phone number in case any trustee arrives early to a meeting, needs to gain access through the front gate, or needs to reach her directly. She noted that trustees can also try the General Manager’s direct line in the office.

The General Manager’s mid-term evaluation is due and the evaluation form was provided to trustees; along with a self-addressed stamped envelope to mail completed forms to 2018 Board President, Warren Clayton. The Executive Committee will review all results and discuss them at the next meeting. President

Howell noted that the purpose of this evaluation is to provide a benchmark of the new general manager's responsibilities and information to the trustees since the hiring. Trustees were especially encouraged to use the comment section for any suggestions to areas that they would like to see change or improvement.

There was an update on the financial software for the District. Staff worked with a Sage training software specialist, who came to the District for 3-days to conduct training on the specific issues within the software. Trustees had previously approved \$20,000 for additional training on the software and the District has used less than half of that amount. Staff will continue with additional training to optimize future results with the software.

The District applied for a grant from the CDC for Supplemental Zika Response and to start an Invasive Species Program for the mosquito that transmits Zika, Dengue and other diseases. The District requested a grant of \$28,000 and received an award letter for \$20,000 for the purchase of traps, other equipment and advertising under the new campaign of "Fight the New Bite".

General Manager Macedo advised that she will be attending the annual MVCAC Conference in Monterey with Trustees Howell, Krieg and Wolcott on January 28 – 31, 2018. She will be traveling to Santa Cruz on February 21-23, 2018, for the VCJPA annual meeting, and during the week of February 26, 2018, General Manager Macedo will be attending the National AMCA 84th annual meeting in Kansas City, MO. She will be available via cell phone or email if/when needed.

The Board authorized General Manager Macedo and Legal Counsel Doug Coty to revise the contract with Digital Maps regarding the new operational software for the District. Digital Maps accepted all requests to modify the contract, with the exception of the penalty provision for liquidated damages, which was not included in the final agreement.

Discussion followed on the potential risk of non-performance or timely final product delivery. During the week of January 16, 2018, Digital Maps will have staff at the District to meet with our technicians. They project approximately eight weeks until the final project is delivered to the District after this coming visit.

General Manager Macedo noted the Form 700 Liaison filing is due April 2, 2018. Administrative Assistant Natalie Jones will be attending training with the Clerk of the Board regarding the new online NetFile software. There will be mention of this during the next board meeting to discuss further options to file Form 700 Liaison. Trustees were also asked to advise Administrative Assistant Jones of any changes in mailing address, email, or telephone number to keep the District records up to date.

A memo was provided by Accounting & Benefits Specialist Tina Cox, with options for selection of compensation method for meeting attendance "Trustee

Allowance". Trustees were directed to follow instructions on the memo if they would like to make any changes to their current option.

General Manager Macedo advised that the IRS may be changing the W-4 forms for 2018. However the new forms are not available to the public through the IRS website at this time. Once the form has been updated the District will send all Trustees new forms to keep on file.

General Manager Macedo noted that Trustee Diamond, at the November 2017 board meeting, noted that in the past he attended training with the California Special District Association (CSDA); and trustee compensation was discussed. As per direction, Assistant Manager Waletzko contacted CSDA and found that there was much discussion about the role of trustees at that particular training but CSDA staff could find no written material provided by the presenters at the training that specially opined on trustee compensation.

- C. Staff – Assistant Manager Waletzko noted the District financial audit would normally have been ready to present at this meeting, however Maze & Associates advised the District in late November 2017, that there needs to be further actuary studies done regarding retirees and the OPEB Trust to follow guidelines of GASB 75. The Audit Committee will be meeting in February to review the draft audit and recommend the final audit to the full board in March.

General Manager Macedo announced to Trustees that Assistant Manager Waletzko has officially given notice of his retirement mid-March 2018, so the next board meeting will be his last meeting with the District.

- D. Legal – Legal counsel Doug Coty is still working on a letter of opinion for trustee compensation. He mentioned that the documents discovered during his research to date all reference the IRS code for trustee compensation pointing towards W-2 being the proper way to report compensation for public agency board members.

Legal counsel updated the Board regarding the passing of Senate Bill 285, which was signed by the governor and adds the following section to the Government Code 3550: *"A public employer shall not deter or discourage public employees from becoming or remaining members of an employee organization."*

8. INFORMATIONAL ITEMS

- A. Personnel Committee – President Howell presented this report on behalf of Trustee Diamond. She noted that the Personnel Committee met on December 11, 2017, and had a closed session with labor negotiators regarding upcoming union negotiations. At this meeting General Manager Macedo recommended to hire an Operations Manager to fill the position which been vacant since the retirement of the previous Operations Manager many years ago.

9. ACTION ITEMS

- A. Administrative Services Manager Position - General Manager Macedo provided Trustees with restructured organizational chart for the District. She noted that with Public Affairs Manager Deborah Bass retiring earlier this year it was decided that the District would not replace that manager's position; but rather maintain only two people in that department. As such, General Manager Macedo will be coming to the board in the future regarding the potential new job titles and duties for those two positions within the department.

A job description regarding the new position of Administrative Services Manager was provided to the trustees. General Manager Macedo emphasized the need for an individual who will replace the Assistant Manager's position and one who will encompass both Finance and Human Resource responsibilities for the District.

- ** Motion was made by Trustee Pellegrini and seconded by Trustee Odunlami to approve the new position, job description and salary range for the position of Administrative Services Manager. *Motion passed unanimously.*

CLOSED SESSION – 8:00 p.m.

10. A. CONFERENCE WITH LEGAL COUNSEL – SIGNIFICANT EXPOSURE TO LITIGATION 0 AS AUTHORIZED PURSUANT TO PARAGRAPH 2 OF SUBDIVISION (d) OF GOVERNMENT CODE SECTION 54956.9: (3 CASES)

RETURN TO OPEN SESSION – 8:10 p.m.

REPORT FROM CLOSED SESSION – No reportable action

11. 2018 CALENDAR

- A. Election of Officers - The following trustees were slated for election as officers of the Board for 2018:

President:	Warren Clayton
Vice President:	Michael Krieg
Secretary:	Richard Mank

- ** Motion was made by Trustee Pellegrini and seconded by Trustee Fitzsimmons to approve the election of the officers. *Motion passed unanimously.*

- B. 2018 Meeting Schedule - The board and committee schedule was reviewed.

- ** Motion was made by Trustee Pellegrini and seconded by Trustee Odunlami to approve the committee schedule. *Motion passed unanimously.*

12. COMMITTEE ASSIGNMENTS

A. Committee Charges - The committee charges were reviewed.

** Motion was made by Trustee Fitzsimmons and seconded by Trustee Pellegrini to approve the committee charges. *Motion passed unanimously.*

B. Committee sign-up - A sign-up sheet was circulated to all trustees present and they were asked to make their committee choices.

13. ADJOURNMENT

There being no further business the meeting was adjourned at 8:23 p.m.

** Motion was made by Trustee Pellegrini and seconded by Trustee Fitzsimmons to adjourn the meeting. *Motion passed unanimously.*

I certify the above minutes were approved as read or corrected at a meeting of the Board held on March 12, 2018.

Ayes: _____
Noes: _____
Abstain: _____
Absent: _____

H. Richard Mank
Secretary, Board of Trustees

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT
BOARD MEETING
MINUTES NO. 18-2

A special meeting of the Board of Trustees of the Contra Costa Mosquito and Vector Control District was held on February 12, 2018, in the District Office at 155 Mason Circle, Concord, California.

TRUSTEES PRESENT Richard Ainsley
 Soheila Bana
 Perry Carlston
 Warren Clayton
 Chris Cowen
 Jim Fitzsimmons
 Peggie Howell
 Robert Lucacher
 Richard Mank
 Richard Means
 James Murray
 Lola Odunlami
 Peter Pay
 Daniel Pellegrini
 Jim Pinckney
 Darryl Young

TRUSTEES ABSENT Randall Diamond
 Michael Krieg
 Diane Wolcott

OTHERS PRESENT Paula Macedo, General Manager
 Douglas Coty, Legal Counsel
 Ray Waletzko, Assistant Manager
 Natalie Jones, Administrative Assistant

1. President Clayton called the meeting to order at 7:01 p.m.
2. A roll call indicated that 16 Trustees were present, three were absent, and there are three vacancies.
3. The meeting opened with the Pledge of Allegiance.
4. **PUBLIC INPUT ON NON AGENDA ITEMS** - None
5. **INFORMATIONAL ITEMS**

- A. **PERSONNEL COMMITTEE REPORT** – Trustee Mank reported on behalf of Personnel Committee Chair Diamond that the committee met on February 5, 2018, to discuss revisions to the disciplinary policy section of the Employee Handbook. As a matter of background, the District currently has a MOU for represented employees that guide the procedures for those employees when required. This special meeting was called since the District does not currently have the same level of detail for unrepresented employees and suggest changes to the current policy regarding a repeal process, which is a requirement under the principles of due process.

The Personnel Committee voted unanimously to approve the changes and recommend that the Board votes to approve the revisions to the Employee Handbook so they can be adopted and enacted immediately.

The committee will meet again on March 12, 2018, to discuss the union negotiations prior to the board meeting later that evening.

6. **ACTION ITEMS**

- A. **Employee Handbook Update** – the Board discussed the changes to the Employee Handbook and recommended to approve the modifications to the handbook with the grammatical changes, as well as to add a section for definition after discussion with the committee at a later meeting.

** A motion was made by Trustee Pinckney and seconded by Trustee Howell to adopt the changes to the Employee Handbook. *Motion passed.*

7. **ADJOURNMENT**

There being no further business the meeting was adjourned at 7:27 p.m.

** Motion was made by Trustee Pellegrini and seconded by Trustee Odunlami to adjourn the meeting. *Motion passed unanimously.*

I certify the above minutes were approved as read or corrected at a meeting of the Board held on March 12, 2018.

Ayes: _____
Noes: _____
Abstain: _____
Absent: _____

H. Richard Mank
Secretary, Board of Trustees

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT (CCM)

Bank Code: 1 - Bank of the West							
Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
026636	1/12/2018	0000001	Bank of the West - Federal Income Taxes JAN1518 FED INC TAX	1/12/2018	14,104.62	0.00	14,104.62
			G/L Account: 202010-100-000				14,104.62
026637	1/12/2018	0000002	Employment Development - State Income Taxes JAN1518 STATE INC TA	1/12/2018	4,452.15	0.00	4,452.15
			G/L Account: 202020-100-000				4,452.15
026638	1/12/2018	0000003	Bank of the West - FICA & MEDICARE Taxes JAN1518 FICA/MED TAX	1/12/2018	20,550.76	0.00	20,550.76
			G/L Account: 202030-100-000				8,327.73
			G/L Account: 202031-100-000				8,327.73
			G/L Account: 202040-100-000				1,947.65
			G/L Account: 202041-100-000				1,947.65
026639	1/12/2018	0000006	Employment Development - State Disability Insurance JAN1518 SDI TAX	1/12/2018	672.48	0.00	672.48
			G/L Account: 203051-100-000				672.48
026640	1/12/2018	0000009	Nationwide Retirement Sol JAN1518 457 PLAN	1/12/2018	1,100.00	0.00	1,100.00
			G/L Account: 204022-100-000				1,000.00
			G/L Account: 204022-100-000				100.00
026641	1/12/2018	0000018	Employment Development Department JAN1518 4THQTRUITAX	1/12/2018	179.80	0.00	179.80
			G/L Account: 203060-100-000				179.80
026642	1/12/2018	0000031	CA State Disbursement Unit JAN1518 30000004233	1/12/2018	403.50	0.00	403.50
			G/L Account: 203090-100-000				403.50
026643	1/12/2018	0000328	PG&E JAN1518 3508093469-4	1/12/2018	20.37	0.00	20.37
			G/L Account: 502601-100-000				20.37
026644	1/12/2018	0000610	Liebert Cassidy JAN1518 INV1452012	1/12/2018	2,495.00	0.00	2,495.00
			G/L Account: 501501-100-000				2,495.00
026645	1/12/2018	0000654	Sprint JAN1518 855548319	1/12/2018	90.26	0.00	90.26
			G/L Account: 500602-100-000				90.26
026646	1/12/2018	0000694	TD Ameritrade Institution JAN1518 457 PLAN	1/12/2018	7,011.67	0.00	7,011.67
			G/L Account: 204022-100-000				7,011.67
026647	1/12/2018	0000696	KBA DOCUSYS JAN1518 INV620197	1/12/2018	74.39	0.00	74.39
			G/L Account: 501204-100-000				74.39
026648	1/12/2018	0000808	Fred Loux JAN1518 HLTH REIMBUR	1/12/2018	316.34	0.00	316.34
			G/L Account: 612100-100-000				316.34
026649	1/12/2018	0000814	Staples Business Advantage JAN1518 3363031207	1/12/2018	111.60	0.00	111.60
			G/L Account: 501701-100-000				111.60
			G/L Account: 501701-100-000				83.73
			G/L Account: 501701-100-000				83.73
			G/L Account: 501701-100-000				83.73
			G/L Account: 501701-100-000				383.72
			G/L Account: 501701-100-000				383.72
			Check 026649 Total:		495.32	0.00	495.32
026650	1/12/2018	0000825	Brickmarkers JAN1518 INV#45900	1/12/2018	96.50	0.00	96.50
			G/L Account: 502305-100-000				70.00
			G/L Account: 502305-100-000				3.50
			G/L Account: 502305-100-000				30.00
026651	1/12/2018	0000927	Bank of the West JAN1518 FSAHLTHDEP	1/12/2018	1,040.06	0.00	1,040.06
			G/L Account: 203070-100-000				290.04
			G/L Account: 203080-100-000				750.02
026652	1/12/2018	0000956	Waterfogic West Inc. JAN1518 CNIN717532W	1/12/2018	78.08	0.00	78.08
			G/L Account: 500503-100-000				78.08
026653	1/12/2018	0000971	Flyers Energy, LLC JAN1518 CFS1543620	1/12/2018	990.77	0.00	990.77
			G/L Account: 502501-100-000				990.77
026654	1/12/2018	0000991	BOLD, POLISNER, MADDOW, NELSON & JUDSON JAN1518 INV#11621	1/12/2018	1,428.00	0.00	1,428.00
			G/L Account: 501803-100-000				1,428.00
026655	1/12/2018	0000992	MVCAC JAN1518 INV#7359835	1/12/2018	340.00	0.00	340.00
			G/L Account: 502503-100-000				290.00
			G/L Account: 502503-100-000				50.00
026656	1/12/2018	0001036	RKL eSolutions LLC JAN1518 88650	1/12/2018	806.06	0.00	806.06
			G/L Account: 502305-100-000				806.06
			G/L Account: 502305-100-000				4,956.96
			G/L Account: 502305-100-000				4,956.96
			Check 026656 Total:		5,763.02	0.00	5,763.02
026657	1/12/2018	0001049	ALSCO JAN1518 LSAC1360488	1/12/2018	231.43	0.00	231.43
			G/L Account: 500501-100-000				231.43
			G/L Account: 500501-100-000				221.69
			G/L Account: 500501-100-000				221.69

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT (CCM)

Bank Code: 1 - Bank of the West							
Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
			JAN1518 LSAC1369655	1/12/2018	224.86	0.00	224.86
		G/L Account: 500501-100-000		Uniform Rental			224.86
			JAN1518 LSAC1371920	1/12/2018	224.86	0.00	224.86
		G/L Account: 500501-100-000		Uniform Rental			224.86
			JAN1518 LSAC1374136	1/12/2018	224.86	0.00	224.86
		G/L Account: 500501-100-000		Uniform Rental			224.86
			Check 026657 Total:		1,127.70	0.00	1,127.70
026658	1/12/2018	0001058	East Bay Times				Check Entry Number: 001
			JAN1518 ACCT#4837701	1/12/2018	252.58	0.00	252.58
		G/L Account: 501704-100-000		Books			252.58
026659	1/12/2018	0001072	Mt. Diablo Resource Recovery-Concord				Check Entry Number: 001
			JAN1518 01-0022594	1/12/2018	504.25	0.00	504.25
		G/L Account: 502601-100-000		Electric, Gas & Water			504.25
026660	1/12/2018	0001078	Kirk Thill				Check Entry Number: 001
			JAN1518 HLTH REIMBUR	1/12/2018	316.34	0.00	316.34
		G/L Account: 612100-100-000		Health Insurance			316.34
026661	1/12/2018	0001081	AARONSON, DICKERSON, COHN & LANZONE				Check Entry Number: 001
			JAN1518 ACCT#1217169	1/12/2018	450.00	0.00	450.00
		G/L Account: 501803-100-000		Legal Counsel			450.00
026662	1/12/2018	0001082	Heluna Health				Check Entry Number: 001
			JAN1518 INV#163457	1/12/2018	1,098.00	0.00	1,098.00
		G/L Account: 501809-100-130		Misc Services			1,098.00
			Report Total:		65,451.96	0.00	65,451.96

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT (CCM)

Bank Code: 1 - Bank of the West									
Check Number	Check Date	Vendor Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount			
026663	1/31/2018	0000001	Bank of the West - Federal Income Taxes JAN3118 FED INC TAX	1/31/2018		13,229.33	0.00	13,229.33	Check Entry Number: 001
		G/L Account: 202010-100-000	Federal Income Tax W/H						13,229.33
026664	1/31/2018	0000002	Employment Development - State Income Taxes JAN3118 STATE INC TA	1/31/2018		4,160.85	0.00	4,160.85	Check Entry Number: 001
		G/L Account: 202020-100-000	State Income Tax W/H						4,160.85
026665	1/31/2018	0000003	Bank of the West - FICA & MEDICARE Taxes JAN3118 FICA&MED TAX	1/31/2018		19,826.56	0.00	19,826.56	Check Entry Number: 001
		G/L Account: 202030-100-000	FICA Tax - Employer						8,034.28
		G/L Account: 202031-100-000	FICA Tax - Employee						8,034.28
		G/L Account: 202040-100-000	MEDICARE Tax - Employer						1,879.00
		G/L Account: 202041-100-000	MEDICARE Tax - Employee						1,879.00
026666	1/31/2018	0000004	CCC Employees Retirement JAN3118 EE RETIREMEN	1/31/2018		27,337.28	0.00	27,337.28	Check Entry Number: 001
		G/L Account: 204011-100-000	Retirement - CCCERA Employee						27,337.28
		G/L Account: 204011-100-000	Retirement - CCCERA Employee						274.70
		G/L Account: 204011-100-000	Retirement - CCCERA Employee						84.47
			Check 026666 Total:			27,696.45	0.00	27,696.45	
026667	1/31/2018	0000006	Employment Development - State Disability Insuranc JAN3118 SDI	1/31/2018		623.80	0.00	623.80	Check Entry Number: 001
		G/L Account: 203051-100-000	State Disability Insurance - SDI Employee						623.80
026668	1/31/2018	0000007	SEIU UPE LOCAL 1021 JAN3118 UNION DUES	1/31/2018		2,015.27	0.00	2,015.27	Check Entry Number: 001
		G/L Account: 205020-100-000	SEIU Local 1021 - Union Dues						1,033.28
		G/L Account: 205020-100-000	SEIU Local 1021 - Union Dues						981.99
026669	1/31/2018	0000009	Nationwide Retirement Sol JAN3118 457 DEF COMP	1/31/2018		1,100.00	0.00	1,100.00	Check Entry Number: 001
		G/L Account: 204022-100-000	457 Deferred Savings Plan						1,000.00
		G/L Account: 204022-100-000	457 Deferred Savings Plan						100.00
026670	1/31/2018	0000010	CalPERS JAN3118 HEALTH INS	1/31/2018		47,855.80	0.00	47,855.80	Check Entry Number: 001
		G/L Account: 203010-100-000	Medical - CALPers Employer						33,265.66
		G/L Account: 203011-100-000	Medical - CALPers Employee						6,126.66
		G/L Account: 612100-100-000	Health Insurance						8,306.08
		G/L Account: 612100-100-000	Health Insurance						129.99
		G/L Account: 612100-100-000	Health Insurance						27.41
026671	1/31/2018	0000011	Vision Service Plan JAN3118 VSP INS	1/31/2018		666.80	0.00	666.80	Check Entry Number: 001
		G/L Account: 612102-100-000	Vision Insurance						666.80
026672	1/31/2018	0000015	Health Care Dental Trust JAN3118 DENTAL INS	1/31/2018		5,348.42	0.00	5,348.42	Check Entry Number: 001
		G/L Account: 612101-100-000	Dental Insurance						5,232.15
		G/L Account: 612101-100-000	Dental Insurance						232.54
		G/L Account: 612101-100-000	Dental Insurance						116.27
026673	1/31/2018	0000031	CA State Disbursement Unit JAN3118 CSE200000001	1/31/2018		403.50	0.00	403.50	Check Entry Number: 001
		G/L Account: 203090-100-000	Garnishment-General						403.50
026674	1/31/2018	0000321	DexYP JAN3118 ACCT81008507	1/31/2018		1,622.88	0.00	1,622.88	Check Entry Number: 001
		G/L Account: 501901-100-000	Advertisements & Notices						1,020.00
		G/L Account: 501901-100-000	Advertisements & Notices						636.00
		G/L Account: 501901-100-000	Advertisements & Notices						33.12
026675	1/31/2018	0000328	PG&E JAN3118 3466426805-8	1/31/2018		1,521.02	0.00	1,521.02	Check Entry Number: 001
		G/L Account: 502601-100-000	Electric, Gas & Water						1,521.02
026676	1/31/2018	0000336	Fedex JAN3118 6-061-38270	1/31/2018		33.95	0.00	33.95	Check Entry Number: 001
		G/L Account: 501702-100-000	Postage						33.95
026677	1/31/2018	0000386	US POSTAL SERVICE CMRS-FP JAN3118 ACCT10472841	1/31/2018		1,000.00	0.00	1,000.00	Check Entry Number: 001
		G/L Account: 501702-100-000	Postage						1,000.00
026678	1/31/2018	0000482	City of Antioch Marina JAN3118 INV4819	1/31/2018		100.00	0.00	100.00	Check Entry Number: 001
		G/L Account: 502305-100-000	Other Expense						100.00
026679	1/31/2018	0000684	Clarke JAN3118 0000122644	1/31/2018		499.49	0.00	499.49	Check Entry Number: 001
		G/L Account: 502203-100-510	Tools & Instruments						448.20
		G/L Account: 502203-100-510	Tools & Instruments						12.08
		G/L Account: 502203-100-510	Tools & Instruments						39.21
026680	1/31/2018	0000694	TD Ameritrade Institution JAN3118 457 DEF COMP	1/31/2018		7,011.67	0.00	7,011.67	Check Entry Number: 001
		G/L Account: 204022-100-000	457 Deferred Savings Plan						7,011.67
026681	1/31/2018	0000793	AFLAC JAN3118 DIS ACC INS	1/31/2018		52.84	0.00	52.84	Check Entry Number: 001
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee						29.04
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee						23.80
026682	1/31/2018	0000825	Brickmarkers JAN3118 INV46019	1/31/2018		100.00	0.00	100.00	Check Entry Number: 001
		G/L Account: 502305-100-000	Other Expense						70.00
		G/L Account: 502305-100-000	Other Expense						30.00
026683	1/31/2018	0000889	TPX Communications JAN3118 INV993450190	1/31/2018		609.68	0.00	609.68	Check Entry Number: 001
		G/L Account: 500601-100-000	Telecommunication Services						609.68
026684	1/31/2018	0000899	Sun Life Financial JAN3118 LIFE INS	1/31/2018		529.41	0.00	529.41	Check Entry Number: 001
		G/L Account: 612400-100-000	Life Insurance						529.41

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT (CCM)

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Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
026685	1/31/2018	0000925	INFINISOURCE, Inc. JAN3118 INV90112298	1/31/2018	80.00	0.00	80.00
		G/L Account: 501806-100-000	Financial Services				80.00
026686	1/31/2018	0000927	Bank of the West JAN3118 HLTH DEP FSA	1/31/2018	1,040.06	0.00	1,040.06
		G/L Account: 203070-100-000	Health FSA - Employee				290.04
		G/L Account: 203080-100-000	Dependent Care - Employee				750.02
026687	1/31/2018	0000971	Flyers Energy, LLC JAN3118 CFS1549385	1/31/2018	1,098.10	0.00	1,098.10
		G/L Account: 502501-100-000	Gasoline				1,098.10
026688	1/31/2018	0000975	Reliance Standard Life In JAN3118 LTD INS	1/31/2018	381.63	0.00	381.63
		G/L Account: 612200-100-000	Disability Insurance				381.63
		G/L Account: 612200-100-000	Disability Insurance				376.19
			Check 026688 Total:		757.82	0.00	757.82
026689	1/31/2018	0000981	Colonial Life JAN3118 DIS ACC INS	1/31/2018	352.76	0.00	352.76
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee				215.96
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee				51.90
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee				68.54
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee				16.36
026690	1/31/2018	0001000	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 TCOX VISA	1/31/2018	73.73	0.00	73.73
		G/L Account: 502305-100-000	Other Expense				73.73
026691	1/31/2018	0001002	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 TFSHE VISA	1/31/2018	6,098.69	0.00	6,098.69
		G/L Account: 501201-100-000	Automotive Supplies				52.54
		G/L Account: 501203-100-000	Repair Parts				345.00
		G/L Account: 501301-100-000	Maintenance Supplies				118.62
		G/L Account: 703720-100-000	Equipment				529.50
		G/L Account: 502203-100-000	Tools & Instruments				96.79
		G/L Account: 501201-100-000	Automotive Supplies				15.20
		G/L Account: 501202-100-110	Contractual Repairs-Aquacultur				1,150.94
		G/L Account: 501203-100-000	Repair Parts				471.09
		G/L Account: 501303-100-000	Building Materials				1,092.88
		G/L Account: 501201-100-000	Automotive Supplies				204.14
		G/L Account: 501301-100-000	Maintenance Supplies				36.12
		G/L Account: 501202-100-000	Contractual Repairs				1,985.87
026692	1/31/2018	0001004	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 EGHILAR VISA	1/31/2018	72.09	0.00	72.09
		G/L Account: 501301-100-110	Maintenance Supplies				72.09
026693	1/31/2018	0001007	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 CMILLER VISA	1/31/2018	836.52	0.00	836.52
		G/L Account: 501203-100-110	Repair Parts				43.14
		G/L Account: 501203-100-110	Repair Parts				81.99
		G/L Account: 502203-100-110	Tools & Instruments				18.47
		G/L Account: 501203-100-110	Repair Parts				24.66
		G/L Account: 502305-100-110	Other Expense				459.31
		G/L Account: 501203-100-110	Repair Parts				24.10
		G/L Account: 501203-100-110	Repair Parts				2.16
		G/L Account: 501401-100-110	Lab Supplies				6.46
		G/L Account: 501303-100-110	Building Materials				17.31
		G/L Account: 502203-100-110	Tools & Instruments				21.36
		G/L Account: 501401-100-110	Lab Supplies				11.94
		G/L Account: 502203-100-110	Tools & Instruments				6.51
		G/L Account: 502203-100-110	Tools & Instruments				96.77
		G/L Account: 502305-100-110	Other Expense				10.85
		G/L Account: 501401-100-110	Lab Supplies				11.49
026694	1/31/2018	0001010	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 APIERCE VISA	1/31/2018	134.08	0.00	134.08
		G/L Account: 501701-100-000	Office Supplies				64.87
		G/L Account: 501701-100-000	Office Supplies				22.97
		G/L Account: 501701-100-000	Office Supplies				33.29
		G/L Account: 501705-100-000	Computer Supplies				12.95
026695	1/31/2018	0001011	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 JREHANA VISA	1/31/2018	134.89	0.00	134.89
		G/L Account: 502305-100-520	Other Expense				134.89
026696	1/31/2018	0001013	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 SSCHUTZ VISA	1/31/2018	290.00	0.00	290.00
		G/L Account: 502503-100-130	Authorized Travel				290.00
026697	1/31/2018	0001014	U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 WSHIEH VISA	1/31/2018	3,405.75	0.00	3,405.75
		G/L Account: 501705-100-000	Computer Supplies				203.44
		G/L Account: 501705-100-000	Computer Supplies				22.31
		G/L Account: 501705-100-000	Computer Supplies				1.49
		G/L Account: 501705-100-000	Computer Supplies				40.24
		G/L Account: 500601-100-000	Telecommunication Services				15.85
		G/L Account: 500601-100-000	Telecommunication Services				154.16
		G/L Account: 501705-100-000	Computer Supplies				420.00
		G/L Account: 501705-100-000	Computer Supplies				305.15
		G/L Account: 501705-100-000	Computer Supplies				27.98
		G/L Account: 501705-100-000	Computer Supplies				630.70
		G/L Account: 500602-100-000	Two-Way Radios				1,365.38
		G/L Account: 501705-100-000	Computer Supplies				133.15
		G/L Account: 501705-100-000	Computer Supplies				53.22
		G/L Account: 501705-100-000	Computer Supplies				15.77
		G/L Account: 501705-100-000	Computer Supplies				6.33

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Check Number	Check Date	Vendor Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
026698	1/31/2018	G/L Account: 501705-100-000 0001017 U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 MCLAUS VISA	1/31/2018	570.48	0.00	570.48
						Check Entry Number: 001
		G/L Account: 502503-100-130 G/L Account: 502503-100-130				10.58 335.48 235.00
026699	1/31/2018	0001018 U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 RWALET VISA	1/31/2018	99.99	0.00	99.99
						Check Entry Number: 001
026700	1/31/2018	G/L Account: 501704-100-000 0001020 U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 SCURR VISA	1/31/2018	279.40	0.00	279.40
						Check Entry Number: 001
		G/L Account: 500502-100-510 G/L Account: 501301-100-000 G/L Account: 501301-100-000 G/L Account: 502203-100-510				99.99 162.36 13.03 68.95 35.06
026701	1/31/2018	0001040 WAVE JAN3118 ACCT81363501	1/31/2018	69.90	0.00	69.90
						Check Entry Number: 001
026702	1/31/2018	G/L Account: 500601-100-000 0001047 Calderon Janitorial Services JAN3118 INV030	1/31/2018	2,900.00	0.00	2,900.00
						Check Entry Number: 001
026703	1/31/2018	G/L Account: 500901-100-000 0001047 Calderon Janitorial Services JAN3118 INV029	1/31/2018	650.00	0.00	650.00
						Check Entry Number: 002
026704	1/31/2018	G/L Account: 500901-100-000 0001051 Concord Locksmith JAN3118 INV2116	1/31/2018	415.45	0.00	415.45
						Check Entry Number: 001
026705	1/31/2018	G/L Account: 501302-100-000 0001059 U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 NJONES VISA	1/31/2018	212.85	0.00	212.85
						Check Entry Number: 001
026706	1/31/2018	G/L Account: 501701-100-000 G/L Account: 501901-100-000 G/L Account: 501901-100-000 0001076 U.S. BANK CORPORATE PAYMENT SYSTEMS JAN3118 PMACEDO VISA	1/31/2018	5,757.99	0.00	5,757.99
						Check Entry Number: 001
		G/L Account: 501501-100-000 G/L Account: 501701-100-000 G/L Account: 502503-100-000 G/L Account: 502503-100-000 G/L Account: 502503-100-000 G/L Account: 500602-100-000 G/L Account: 501501-100-000				148.00 17.99 144.00 15.00 164.00 5,199.00 70.00
026707	1/31/2018	0001077 Banksia Landscape, Inc. JAN3118 INV570	1/31/2018	475.00	0.00	475.00
						Check Entry Number: 001
		G/L Account: 500903-100-000				475.00
Report Total:				<u>161,813.27</u>	<u>0.00</u>	<u>161,813.27</u>

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Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount	
026708	2/15/2018	0000001	Bank of the West - Federal Income Taxes FEB1518 FED INC TAX	2/15/2018	11,643.00	0.00	11,643.00	Check Entry Number: 001
			G/L Account: 20210-100-000	Federal Income Tax W/H				11,643.00
026709	2/15/2018	0000002	Employment Development - State Income Taxes FEB1518 STATE INC TA	2/15/2018	4,457.57	0.00	4,457.57	Check Entry Number: 001
			G/L Account: 202020-100-000	State Income Tax W/H				4,457.57
026710	2/15/2018	0000003	Bank of the West - FICA & MEDICARE Taxes FEB1518 FICAMED TAX	2/15/2018	20,869.28	0.00	20,869.28	Check Entry Number: 001
			G/L Account: 202030-100-000	FICA Tax - Employer				8,456.82
			G/L Account: 202031-100-000	FICA Tax - Employee				8,456.82
			G/L Account: 202040-100-000	MEDICARE Tax - Employer				1,977.82
			G/L Account: 202041-100-000	MEDICARE Tax - Employee				1,977.82
026711	2/15/2018	0000006	Employment Development - State Disability Insuranc FEB1518 SDI TAX	2/15/2018	634.49	0.00	634.49	Check Entry Number: 001
			G/L Account: 203051-100-000	State Disability Insurance - SDI Employee				634.49
026712	2/15/2018	0000009	Nationwide Retirement Sol FEB1518 457 PLAN	2/15/2018	1,100.00	0.00	1,100.00	Check Entry Number: 001
			G/L Account: 204022-100-000	457 Deferred Savings Plan				1,000.00
			G/L Account: 204022-100-000	457 Deferred Savings Plan				100.00
026713	2/15/2018	0000031	CA State Disbursement Unit FEB1518 20000001519	2/15/2018	403.50	0.00	403.50	Check Entry Number: 001
			G/L Account: 203090-100-000	Garnishment-General				403.50
026714	2/15/2018	0000244	Michael Krieg FEB1518 REIMBURSEMEN	2/15/2018	274.54	0.00	274.54	Check Entry Number: 001
			G/L Account: 502503-100-000	Authorized Travel				159.14
			G/L Account: 502503-100-000	Authorized Travel				75.00
			G/L Account: 502503-100-000	Authorized Travel				40.40
026715	2/15/2018	0000251	Peter Pay FEB1518 REIMBURSEMEN	2/15/2018	55.00	0.00	55.00	Check Entry Number: 001
			G/L Account: 502506-100-000	Training				55.00
026716	2/15/2018	0000324	Diablo Trophy FEB1518 INV#13998	2/15/2018	100.05	0.00	100.05	Check Entry Number: 001
			G/L Account: 502305-100-000	Other Expense				100.05
026717	2/15/2018	0000328	PG&E FEB1518 3508093469-4	2/15/2018	21.02	0.00	21.02	Check Entry Number: 001
			G/L Account: 502801-100-000	Electric, Gas & Water				21.02
026718	2/15/2018	0000610	Liebert Cassidy FEB11518 INV1452307	2/15/2018	325.00	0.00	325.00	Check Entry Number: 001
			G/L Account: 501803-100-000	Legal Counsel				325.00
			G/L Account: 501803-100-000	Legal Counsel				25.00
			G/L Account: 501803-100-000	Legal Counsel				25.00
			G/L Account: 501803-100-000	Legal Counsel				4,075.00
			G/L Account: 501803-100-000	Legal Counsel				4,075.00
			G/L Account: 501803-100-000	Legal Counsel				2,165.00
			G/L Account: 501803-100-000	Legal Counsel				2,165.00
				Check 026718 Total:	6,590.00	0.00	6,590.00	
026719	2/15/2018	0000694	TD Ameritrade Institution FEB1518 457 PLAN CON	2/15/2018	7,011.67	0.00	7,011.67	Check Entry Number: 001
			G/L Account: 204022-100-000	457 Deferred Savings Plan				7,011.67
026720	2/15/2018	0000804	Maze & Associates FEB1518 INV27141	2/15/2018	700.00	0.00	700.00	Check Entry Number: 001
			G/L Account: 501801-100-000	Auditing Services				700.00
026721	2/15/2018	0000806	Fred Loux FEB1518 REIMBURSEMEN	2/15/2018	316.34	0.00	316.34	Check Entry Number: 001
			G/L Account: 612100-100-000	Health Insurance				316.34
026722	2/15/2018	0000814	Staples Business Advantage FEB1518 3365365763	2/15/2018	11.91	0.00	11.91	Check Entry Number: 001
			G/L Account: 501701-100-000	Office Supplies				11.91
			G/L Account: 501701-100-000	Office Supplies				11.91
			G/L Account: 501701-100-000	Office Supplies				81.41
			G/L Account: 501701-100-000	Office Supplies				81.41
			G/L Account: 501701-100-000	Office Supplies				26.20
			G/L Account: 501701-100-000	Office Supplies				26.20
				Check 026722 Total:	83.79	0.00	83.79	
026723	2/15/2018	0000894	Quenvold's Safety Shoemobile FEB1518 INV61042	2/15/2018	217.50	0.00	217.50	Check Entry Number: 001
			G/L Account: 500502-000-510	Boots & Rainwear-Mosquito				217.50
026724	2/15/2018	0000927	Bank of the West FEB1518 HLTHDEPFSA	2/15/2018	1,040.06	0.00	1,040.06	Check Entry Number: 001
			G/L Account: 203070-100-000	Health FSA - Employee				290.04
			G/L Account: 203080-100-000	Dependent Care - Employee				750.02
026725	2/15/2018	0000956	Waterlogic West Inc. FEB1518 CNIN720038W	2/15/2018	78.08	0.00	78.08	Check Entry Number: 001
			G/L Account: 500503-100-000	Safety Items				78.08
026726	2/15/2018	0000991	BOLD, POLISNER, MADDOW, NELSON & JUDSON FEB1518 INV11770	2/15/2018	1,837.90	0.00	1,837.90	Check Entry Number: 001
			G/L Account: 501803-100-000	Legal Counsel				1,837.90
026727	2/15/2018	0001028	Red Wing Business Advantage Account FEB1518INV166-1-5291	2/15/2018	275.00	0.00	275.00	Check Entry Number: 001
			G/L Account: 500502-100-000	Boots & Rainwear				275.00
026728	2/15/2018	0001049	ALSCO FEB1518 LSAC1376319	2/15/2018	228.33	0.00	228.33	Check Entry Number: 001
			G/L Account: 500501-100-000	Uniform Rental				228.33
			G/L Account: 500501-100-000	Uniform Rental				230.84
			G/L Account: 500501-100-000	Uniform Rental				230.84

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT (CCM)

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Check Number	Check Date	Vendor Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount	
		FEB1518 LSAC1380677	2/15/2018	232.23	0.00	232.23	
		G/L Account: 500501-100-000	Uniform Rental				232.23
		FEB1518 LSAC1382906	2/15/2018	232.23	0.00	232.23	
		G/L Account: 500501-100-000	Uniform Rental				232.23
		FEB1518 LSAC1385121	2/15/2018	232.23	0.00	232.23	
		G/L Account: 500501-100-000	Uniform Rental				232.23
		Check 026728 Total:		1,155.86	0.00	1,155.86	
026729	2/15/2018	0001061 KBA DOCUSYS, INC.					Check Entry Number: 001
		FEB1518 INV630206	2/15/2018	152.08	0.00	152.08	
		G/L Account: 501204-100-000	Service Contracts				152.08
026730	2/15/2018	0001072 Mt. Diablo Resource Recovery-Concord					Check Entry Number: 001
		FEB1518 ACCT01-00222	2/15/2018	504.25	0.00	504.25	
		G/L Account: 502601-100-000	Electric, Gas & Water				504.25
026731	2/15/2018	0001073 Paula A. Macedo					Check Entry Number: 001
		FEB1518 REIMBURSEMEN	2/15/2018	141.70	0.00	141.70	
		G/L Account: 502503-100-000	Authorized Travel				141.70
026732	2/15/2018	0001078 Kirk Thill					Check Entry Number: 001
		FEB1518 REIMBURSEMEN	2/15/2018	316.34	0.00	316.34	
		G/L Account: 612100-100-000	Health Insurance				316.34
026733	2/15/2018	0001081 AARONSON, DICKERSON, COHN & LANZONE					Check Entry Number: 001
		FEB1518 118170-CONTR	2/15/2018	7,650.00	0.00	7,650.00	
		G/L Account: 501803-100-000	Legal Counsel				7,650.00
026734	2/15/2018	0001082 Heluna Health					Check Entry Number: 001
		FEB1518 INV#179433	2/15/2018	4,987.50	0.00	4,987.50	
		G/L Account: 501809-100-130	Misc Services				4,987.50
		Report Total:		72,616.52	0.00	72,616.52	

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT (CCM)

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Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
026735	2/28/2018	0000001	Bank of the West - Federal Income Taxes FEB2818 FED INC TAX	2/28/2018	11,363.57	0.00	11,363.57 Check Entry Number: 001
		G/L Account: 202010-100-000	Federal Income Tax W/H				11,363.57
026736	2/28/2018	0000002	Employment Development - State Income Taxes FEB2818 STATE TAXES	2/28/2018	4,383.44	0.00	4,383.44 Check Entry Number: 001
		G/L Account: 202020-100-000	State Income Tax W/H				4,383.44
026737	2/28/2018	0000003	Bank of the West - FICA & MEDICARE Taxes FEB2818 FICAMED TAXE	2/28/2018	20,096.00	0.00	20,096.00 Check Entry Number: 001
		G/L Account: 202030-100-000	FICA Tax - Employer				8,143.47
		G/L Account: 202031-100-000	FICA Tax - Employee				8,143.47
		G/L Account: 202040-100-000	MEDICARE Tax - Employer				1,904.53
		G/L Account: 202041-100-000	MEDICARE Tax - Employee				1,904.53
026738	2/28/2018	0000004	CCC Employees Retirement FEB2818 EE RETIREMEN	2/28/2018	27,742.84	0.00	27,742.84 Check Entry Number: 001
		G/L Account: 204011-100-000	Retirement - CCCERA Employee				27,742.84
026739	2/28/2018	0000004	CCC Employees Retirement FEB2818 EE RETRO RET	2/28/2018	464.23	0.00	464.23 Check Entry Number: 002
		G/L Account: 204011-100-000	Retirement - CCCERA Employee				464.23
026740	2/28/2018	0000006	Employment Development - State Disability Insuranc FEB2818 SDI	2/28/2018	614.59	0.00	614.59 Check Entry Number: 001
		G/L Account: 203051-100-000	State Disability Insurance - SDI Employee				614.59
026741	2/28/2018	0000007	SEIU UPE LOCAL 1021 FEB2818 UNION DUES	2/28/2018	1,947.96	0.00	1,947.96 Check Entry Number: 001
		G/L Account: 205020-100-000	SEIU Local 1021 - Union Dues				981.99
		G/L Account: 205020-100-000	SEIU Local 1021 - Union Dues				965.97
026742	2/28/2018	0000009	Nationwide Retirement Sol FEB2818 457 PLAN	2/28/2018	1,100.00	0.00	1,100.00 Check Entry Number: 001
		G/L Account: 204022-100-000	457 Deferred Savings Plan				1,000.00
		G/L Account: 204022-100-000	457 Deferred Savings Plan				100.00
026743	2/28/2018	0000010	CalPERS FEB2818 HLTH INS PRE	2/28/2018	47,073.37	0.00	47,073.37 Check Entry Number: 001
		G/L Account: 203011-100-000	Medical - CALPers Employee				3,063.33
		G/L Account: 203011-100-000	Medical - CALPers Employee				3,063.33
		G/L Account: 203010-100-000	Medical - CALPers Employer				33,265.66
		G/L Account: 612100-100-000	Health Insurance				7,526.22
		G/L Account: 612100-100-000	Health Insurance				129.99
		G/L Account: 612100-100-000	Health Insurance				24.84
026744	2/28/2018	0000011	Vision Service Plan FEB2818 VSP INS	2/28/2018	666.80	0.00	666.80 Check Entry Number: 001
		G/L Account: 612102-100-000	Vision Insurance				666.80
026745	2/28/2018	0000015	Health Care Dental Trust FEB2818 DENTAL INS	2/28/2018	5,232.15	0.00	5,232.15 Check Entry Number: 001
		G/L Account: 612101-100-000	Dental Insurance				5,232.15
026746	2/28/2018	0000031	CA State Disbursement Unit FEB2818 30000004233	2/28/2018	403.50	0.00	403.50 Check Entry Number: 001
		G/L Account: 203090-100-000	Gamishment-General				403.50
026747	2/28/2018	0000138	Michael Damien Clauson FEB2818 REIMBURSEMNT	2/28/2018	136.25	0.00	136.25 Check Entry Number: 001
		G/L Account: 502503-100-130	Authorized Travel				136.25
026748	2/28/2018	0000313	Contra Costa Water District FEB2818 H781322	2/28/2018	4.32	0.00	4.32 Check Entry Number: 001
		G/L Account: 502601-100-000	Electric, Gas & Water				4.32
		G/L Account: 502601-100-000	Electric, Gas & Water				347.47
		G/L Account: 502601-100-000	Check 026748 Total:		351.79	0.00	351.79
026749	2/28/2018	0000328	PG&E FEB2818 3466426805-8	2/28/2018	1,264.13	0.00	1,264.13 Check Entry Number: 001
		G/L Account: 502601-100-000	Electric, Gas & Water				1,264.13
026750	2/28/2018	0000336	Fedex FEB2818 6-090-71366	2/28/2018	86.57	0.00	86.57 Check Entry Number: 001
		G/L Account: 501702-100-000	Postage				86.57
026751	2/28/2018	0000610	Liebert Cassidy FEB2818 INV1453689	2/28/2018	2,005.00	0.00	2,005.00 Check Entry Number: 001
		G/L Account: 501803-100-000	Legal Counsel				2,005.00
		G/L Account: 501803-100-000	Legal Counsel				10,369.25
		G/L Account: 501803-100-000	Legal Counsel				8,680.00
		G/L Account: 501803-100-000	Legal Counsel				6,660.00
		G/L Account: 501803-100-000	Legal Counsel				860.00
		G/L Account: 501803-100-000	Check 026751 Total:		19,894.25	0.00	19,894.25
026752	2/28/2018	0000654	Sprint FEB2818 855548319-19	2/28/2018	118.40	0.00	118.40 Check Entry Number: 001
		G/L Account: 500602-100-000	Two-Way Radios				118.40
026753	2/28/2018	0000694	TD Ameritrade Institution FEB2818 457 PLAN	2/28/2018	7,011.67	0.00	7,011.67 Check Entry Number: 001
		G/L Account: 204022-100-000	457 Deferred Savings Plan				7,011.67
026754	2/28/2018	0000793	AFLAC FEB2818 DIS INS	2/28/2018	52.84	0.00	52.84 Check Entry Number: 001
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee				29.04
		G/L Account: 203052-100-000	Disability Insurance & Other - Employee				23.80
026755	2/28/2018	0000814	Staples Business Advantage FEB2818 INV336817297	2/28/2018	104.08	0.00	104.08 Check Entry Number: 001
		G/L Account: 501701-100-000	Office Supplies				104.08
		G/L Account: 501701-100-000	Office Supplies				123.18
		G/L Account: 501701-100-000	Office Supplies				123.18

Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
				Bank Code: 1 - Bank of the West			
Check 026755 Total:					227.26	0.00	227.26
026756	2/28/2018	0000889	TPX Communications FEB2818 INV100415504	2/28/2018	609.84	0.00	609.84
		G/L Account: 500601-100-000		Telecommunication Services		Check Entry Number: 001	
026757	2/28/2018	0000899	Sun Life Financial FEB2818 LIFE INS	2/28/2018	546.61	0.00	546.61
		G/L Account: 612400-100-000		Life Insurance		Check Entry Number: 001	
026758	2/28/2018	0000925	INFINISOURCE, Inc. FEB2818 INV#90131442	2/28/2018	80.00	0.00	80.00
		G/L Account: 501806-100-000		Financial Services		Check Entry Number: 001	
026759	2/28/2018	0000927	Bank of the West FEB2818 HLTHDEPFSA	2/28/2018	1,040.06	0.00	1,040.06
		G/L Account: 203070-100-000		Health FSA - Employee		290.04	
		G/L Account: 203080-100-000		Dependent Care - Employee		750.02	
026760	2/28/2018	0000971	Flyers Energy, LLC FEB2818 CFS1558523	2/28/2018	1,279.39	0.00	1,279.39
		G/L Account: 502501-100-000		Gasoline		1,279.39	
		G/L Account: 502501-100-000		Gasoline		1,475.48	
Check 026760 Total:					2,754.87	0.00	2,754.87
026761	2/28/2018	0000975	Reliance Standard Life In FEB2818 DIS INS	2/28/2018	820.11	0.00	820.11
		G/L Account: 612200-100-000		Disability Insurance		407.12	
		G/L Account: 612200-100-000		Disability Insurance		412.99	
026762	2/28/2018	0000981	Colonial Life FEB2818 DIS INS	2/28/2018	352.76	0.00	352.76
		G/L Account: 203052-100-000		Disability Insurance & Other - Employee		215.96	
		G/L Account: 203052-100-000		Disability Insurance & Other - Employee		51.90	
		G/L Account: 203052-100-000		Disability Insurance & Other - Employee		68.54	
		G/L Account: 203052-100-000		Disability Insurance & Other - Employee		16.36	
026763	2/28/2018	0001002	U.S. BANK CORPORATE PAYMENT SYSTEMS FEB2818 TFSHE VISA	2/28/2018	4,095.13	0.00	4,095.13
		G/L Account: 501201-100-000		Automotive Supplies		209.95	
		G/L Account: 501804-100-000		Medical Services		265.00	
		G/L Account: 501301-100-000		Maintenance Supplies		54.21	
		G/L Account: 703720-100-000		Equipment		413.00	
		G/L Account: 501201-100-000		Automotive Supplies		510.99	
		G/L Account: 501401-100-000		Lab Supplies		147.33	
		G/L Account: 501401-100-000		Lab Supplies		30.64	
		G/L Account: 501203-100-000		Repair Parts		14.62	
		G/L Account: 502305-100-000		Other Expense		56.99	
		G/L Account: 501203-100-000		Repair Parts		579.80	
		G/L Account: 501203-100-000		Repair Parts		1,132.55	
		G/L Account: 501301-100-000		Maintenance Supplies		36.61	
		G/L Account: 502203-100-000		Tools & Instruments		19.85	
		G/L Account: 501301-100-000		Maintenance Supplies		530.77	
		G/L Account: 501301-100-000		Maintenance Supplies		23.58	
		G/L Account: 501301-100-000		Maintenance Supplies		21.92	
		G/L Account: 501203-100-000		Repair Parts		47.52	
026764	2/28/2018	0001007	U.S. BANK CORPORATE PAYMENT SYSTEMS FEB2818 CMILLER VISA	2/28/2018	640.31	0.00	640.31
		G/L Account: 501401-100-110		Lab Supplies		256.53	
		G/L Account: 501401-100-110		Lab Supplies		57.12	
		G/L Account: 502203-100-000		Tools & Instruments		140.29	
		G/L Account: 501401-100-110		Lab Supplies		97.60	
		G/L Account: 501401-100-110		Lab Supplies		31.23	
		G/L Account: 502203-100-110		Tools & Instruments		46.68	
		G/L Account: 501401-100-110		Lab Supplies		10.86	
026765	2/28/2018	0001010	U.S. BANK CORPORATE PAYMENT SYSTEMS FEB2818 APIERCE VISA	2/28/2018	49.09	0.00	49.09
		G/L Account: 501701-100-000		Office Supplies		36.14	
		G/L Account: 501705-100-120		Computer Supplies		12.95	
026766	2/28/2018	0001013	U.S. BANK CORPORATE PAYMENT SYSTEMS FEB2818 SSCHUTZ VISA	2/28/2018	652.86	0.00	652.86
		G/L Account: 502503-100-130		Authorized Travel		6.51	
		G/L Account: 502501-100-130		Gasoline-Entomology		28.78	
		G/L Account: 502503-100-130		Authorized Travel		617.57	
026767	2/28/2018	0001014	U.S. BANK CORPORATE PAYMENT SYSTEMS FEB2818 WSHIEH VISA	2/28/2018	1,379.19	0.00	1,379.19
		G/L Account: 501705-100-000		Computer Supplies		1.55	
		G/L Account: 501705-100-000		Computer Supplies		184.21	
		G/L Account: 501705-100-000		Computer Supplies		11.88	
		G/L Account: 500601-100-000		Telecommunication Services		15.85	
		G/L Account: 501705-100-000		Computer Supplies		154.16	
		G/L Account: 501705-100-000		Computer Supplies		251.72	
		G/L Account: 501705-100-000		Computer Supplies		107.66	
		G/L Account: 501705-100-000		Computer Supplies		308.76	
		G/L Account: 501705-100-000		Computer Supplies		168.73	
		G/L Account: 501705-100-000		Computer Supplies		174.67	
026768	2/28/2018	0001016	U.S. BANK CORPORATE PAYMENT SYSTEMS FEB2818 NWOODS VISA	2/28/2018	664.61	0.00	664.61
		G/L Account: 501501-100-120		Memberships		320.00	
		G/L Account: 502305-100-000		Other Expense		15.10	
		G/L Account: 500503-100-510		Safety Items		8.53	
		G/L Account: 500503-100-510		Safety Items		12.50	
		G/L Account: 502305-100-000		Other Expense		58.48	
		G/L Account: 502305-100-120		Other Expense		250.00	
026769	2/28/2018	0001017	U.S. BANK CORPORATE PAYMENT SYSTEMS				Check Entry Number: 001

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT (CCM)

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Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
			FEB2818 MCLAUSO VISA	2/28/2018	119.68	0.00	119.68
		G/L Account: 501401-100-130	Lab Supplies				17.36
		G/L Account: 501401-100-130	Lab Supplies				53.71
		G/L Account: 502503-100-130	Authorized Travel				7.95
		G/L Account: 502503-100-130	Authorized Travel				12.52
		G/L Account: 501401-100-130	Lab Supplies				28.14
026770	2/28/2018	0001018	U.S. BANK CORPORATE PAYMENT SYSTEMS				Check Entry Number: 001
			FEB2818 RWALETZ VISA	2/28/2018	865.00	0.00	865.00
		G/L Account: 501901-100-000	Advertisements & Notices				175.00
		G/L Account: 501901-100-000	Advertisements & Notices				295.00
		G/L Account: 501901-100-000	Advertisements & Notices				395.00
026771	2/28/2018	0001020	U.S. BANK CORPORATE PAYMENT SYSTEMS				Check Entry Number: 001
			FEB2818 SCURRIER VIS	2/28/2018	387.97	0.00	387.97
		G/L Account: 500502-100-510	Boots & Rainwear				36.84
		G/L Account: 500502-100-510	Boots & Rainwear				90.00
		G/L Account: 500502-100-510	Boots & Rainwear				233.09
		G/L Account: 502203-100-540	Tools & Instruments				28.04
026772	2/28/2018	0001036	RKL eSolutions LLC				Check Entry Number: 001
			FEB2818 91969	2/28/2018	95.00	0.00	95.00
		G/L Account: 502305-100-000	Other Expense				95.00
026773	2/28/2018	0001047	Calderon Janitorial Services				Check Entry Number: 001
			FEB2818 INV#031	2/28/2018	650.00	0.00	650.00
		G/L Account: 500901-100-000	Janitorial Services				650.00
026774	2/28/2018	0001052	U.S. Health Works				Check Entry Number: 001
			FEB2818 3211572-CA	2/28/2018	324.00	0.00	324.00
		G/L Account: 501804-100-000	Medical Services				324.00
026775	2/28/2018	0001059	U.S. BANK CORPORATE PAYMENT SYSTEMS				Check Entry Number: 001
			FEB2818 NJONES VISA	2/28/2018	1,528.16	0.00	1,528.16
		G/L Account: 501901-100-000	Advertisements & Notices				75.00
		G/L Account: 501901-100-000	Advertisements & Notices				160.00
		G/L Account: 502503-100-000	Authorized Travel				218.49
		G/L Account: 502503-100-000	Authorized Travel				436.98
		G/L Account: 502503-100-000	Authorized Travel				436.98
		G/L Account: 502503-100-000	Authorized Travel				40.71
		G/L Account: 501901-100-000	Advertisements & Notices				160.00
026776	2/28/2018	0001076	U.S. BANK CORPORATE PAYMENT SYSTEMS				Check Entry Number: 001
			FEB2818 PMACEDO VISA	2/28/2018	1,396.16	0.00	1,396.16
		G/L Account: 502503-100-000	Authorized Travel				395.00
		G/L Account: 502503-100-000	Authorized Travel				18.91
		G/L Account: 502503-100-000	Authorized Travel				179.43
		G/L Account: 502503-100-000	Authorized Travel				8.27
		G/L Account: 502503-100-000	Authorized Travel				12.00
		G/L Account: 502503-100-000	Authorized Travel				11.85
		G/L Account: 502503-100-000	Authorized Travel				745.70
		G/L Account: 502506-100-000	Training				25.00
026777	2/28/2018	0001077	Banksia Landscape, Inc.				Check Entry Number: 001
			FEB2818 INV#638	2/28/2018	475.00	0.00	475.00
		G/L Account: 500903-100-000	Landscaping Services				475.00
026778	2/28/2018	0001083	Guardian Security Agency				Check Entry Number: 001
			FEB2818 INV#49980	2/28/2018	532.00	0.00	532.00
		G/L Account: 501807-100-000	Security Services				532.00
			Report Total:		170,290.02	0.00	170,290.02

CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT

INVESTMENT ACTIVITY REPORT

DECEMBER 2017 / JANUARY 2018

Transaction Number	Date	Wells	LAIF	Bank of the West
BALANCE	12-01-17	224,610.34	3,759,917.70	311,579.31
1.	12-13-17		(135,000.00)	135,000.00
2.	12-18-17	8,450.00		
3.	12-18-17	11,154.53		
4.	12-18-17	3,442,184.46		
5.	12-20-17	855.42		
6.	12-20-17	(3,681,025.00)	3,681,000.00	
7.	12-28-17		(253,000.00)	253,000.00
8.	12-31-17			(424,466.95)
9.	01-11-18		(143,000.00)	143,000.00
10.	01-12-18		13,685.70	
11.	01-16-18	118.50		
12.	01-24-18	896.13		
13.	01-29-18		(235,000.00)	235,000.00
14.	01-31-18			(387,886.53)
	01-31-18	7,244.38	6,688,603.40	265,225.83

I certify that this report reflects all cash and investments and is in conformity with the Investment Policy of the District adopted on July 10, 2017. The investment program herein shown provides sufficient cash flow liquidity to meet the next six months expenditures.

Respectfully submitted,



Paula Macedo
General Manager

Transaction
Number

=====

1. Transfer from LAIF to Bank of the West for District payroll and vendor checks
2. Deposit of miscellaneous checks in Wells Fargo Bank
3. Deposit of miscellaneous checks in Wells Fargo Bank
4. Deposit of property tax proceeds in Wells Fargo Bank
5. Monthly medical direct deposit from District retiree
6. Transfer from Wells Fargo to LAIF (minus \$25 wire fee)
7. Transfer from LAIF to Bank of the West for District payroll and vendor checks
8. Payment of Payroll and Vendor checks on Bank of the West for December, 2017
9. Transfer from LAIF to Bank of the West for District payroll and vendor checks
10. LAIF interest earned from October 1, 2017 through December 31, 2017
11. Direct deposit of contract billing from C & H Sugar
12. Monthly medical direct deposit from District retiree
13. Transfer from LAIF to Bank of the West for District payroll and vendor checks
14. Payment of Payroll and Vendor checks on Bank of the West for January, 2018

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

www.treasurer.ca.gov/pmia-laif/laif.asp
February 23,
2018

CONTRA COSTA MOSQUITO AND VECTOR CONTROL
DISTRICT
MANAGER
155 MASON CIRCLE
CONCORD, CA 94520

// [Tran Type Definitions](#)

December 2017 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
12/13/2017	12/13/2017	RW	1556156	RAY WALETZKO	-135,000.00
12/21/2017	12/21/2017	RD	1556793	PAULA MACEDO	3,681,000.00
12/28/2017	12/27/2017	RW	1557145	PAULA MACEDO	-253,000.00

Account Summary

Total Deposit:	3,681,000.00	Beginning Balance:	3,759,917.70
Total Withdrawal:	-388,000.00	Ending Balance:	7,052,917.70

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

www.treasurer.ca.gov/pmia-laif/laif.asp
February 23,
2018

CONTRA COSTA MOSQUITO AND VECTOR CONTROL
DISTRICT
MANAGER
155 MASON CIRCLE
CONCORD, CA 94520

// Tran Type Definitions

January 2018 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Authorized Caller	Amount
1/11/2018	1/11/2018	RW	1557980	PAULA MACEDO	-143,000.00
1/12/2018	1/11/2018	QRD	1559498	SYSTEM	13,685.70
1/29/2018	1/26/2018	RW	1561486	PAULA MACEDO	-235,000.00

Account Summary

Total Deposit:	13,685.70	Beginning Balance:	7,052,917.70
Total Withdrawal:	-378,000.00	Ending Balance:	6,688,603.40

2017-2018 BUDGET SPREADSHEET

66.67% of the year complete

ACCOUNT	Adopted 17/18	\$ Spent 02/28/18	% Spent Year to Date
SALARIES AND WAGES			
Payroll & OT	3,182,002	2,143,581	67%
Payroll - Temps	110,000	45,008	41%
Retirement	1,257,191	1,270,979	101%
OASDI/Medicare	247,000	165,399	67%
Health Insurance	624,965	261,447	42%
Unempl't & Disability Insurance	30,000	22,407	75%
Other Post Employment Benefits	145,000	176,000	121%
subtotal	5,596,158	4,084,821	73%
OPERATIONS			
Agriculture	200,000	34,916	17%
Clothing/Personal Supplies	28,500	15,084	53%
Communications	23,900	15,863	66%
Household Expenses	21,700	13,218	61%
Insurance-Workers Compensation	188,506	188,506	100%
Insurance-Liability/Property	93,220	91,452	98%
Maintenance/Equipment	42,500	22,477	53%
Maintenance/Bldg. & Grounds	25,450	10,148	40%
Lab Supplies	38,500	7,576	20%
Professional Memberships	25,000	23,195	93%
Office Expense	36,040	22,339	62%
Professional/Special Services	168,031	135,541	81%
Advertisements & Notices	69,747	4,154	6%
Rentals/Leases	6,500	339	5%
Small Tools/Instruments	8,400	1,018	12%
District Special Expense	28,250	15,884	56%
Transportation/Travel	108,345	48,589	45%
Electric, Gas & Water	35,000	37,065	106%
Research Projects	25,000	0	0%
Taxes & Assessments	340,000	166,367	49%
subtotal	1,512,589	853,731	56%
CAPITAL			
350 - Land	0	0	0%
360 - Structures and Improvements	0	0	0%
371 - Vehicles	90,116	99,150	110%
372 - Equipment	63,394	9,973	16%
subtotal	153,510	109,123	71%
TOTAL EXPENDITURES	7,262,257	5,047,675	70%

2017-2018 BUDGET SPREADSHEET

28-Feb-18
66.67% of the year complete

ACCOUNT	Adopted 17/18	Received 02/28/18	% Received Year to Date
PROJECTED REVENUES			
Property Taxes	5,307,697	2,638,242	50%
Benefit Assessment	2,029,000	1,119,430	55%
Contract Billing	50,000	25,578	51%
Interest Income	45,000	46,004	102%
Miscellaneous	70,000	47,857	68%
Medical Reimbursement	88,000	17,710	20%
TOTAL REVENUES	7,589,697	3,894,821	51%
Revenues Minus Expenditures	327,440	(1,152,854)	
Transfer from (or Addition to) Reserves	(327,440)	1,152,854	
Ending Balance	0	(0)	

Designated Reserves:

Africanized Honey Bee	165,000
Emerging Disease Surveillance	1,500,000
Building Fund	1,222,584
(Operations) Dry Period Cash Flow	2,500,000
Public Health Emergency	1,000,000
	=====
	6,387,584

**CONTRA COSTA MOSQUITO AND VECTOR CONTROL DISTRICT
BOARD OF TRUSTEES**

2018 TRUSTEE COMMITTEES

NAME	ADVANCE	BUDGET	PERSONNEL	AUDIT	EXECUTIVE
AINSLEY	X	X	X		
BANA					
CARLSTON			X	X	
CLAYTON	X	X	X		X*
COWEN		X	X		
DIAMOND			X*		X
FITZSIMMONS				X*	
HOWELL				X	X
KRIEG		X*			X
LUCACHER	X				
MANK			X		X
MEANS	X	X	X		
MURRAY	X*	X			
ODUNLAMI	X		X	X	
PAY			X	X	
PELLEGRINI	X		X	X	
PINCKNEY					
YOUNG					

* CHAIRPERSON

Annual Environmental Report

**Contra Costa Mosquito & Vector Control District
2017**

**Prepared by
Steve Schutz, Ph.D.
Scientific Programs Manager
and submitted to
the CCMVCD Board of Trustees on
March 12th, 2018**

1. Introduction and Summary

CEQA, the California Environmental Quality Act, requires all state and local agencies in California to evaluate and publicly report on the potential environmental impacts of their discretionary activities and to mitigate those impacts which could be significantly adverse. In March 2016, in order to ensure the fullest possible compliance with CEQA, the District completed a full Programmatic Environmental Impact Report (PEIR) which includes a comprehensive review of all District practices and policies, potential environmental impacts, and mitigation measures used to minimize or eliminate potential impacts. Although CEQA regulations do not mandate annual updates unless there are significant changes in our program, District Staff continues to produce an annual Environmental Report. This report is the District's eighteenth annual Environmental Report. Because of the extensive review of District activities conducted for adoption of the PEIR, this report will primarily summarize District activities during 2017.

The District has long emphasized environmental stewardship while accomplishing its public health mission, primarily through strict adherence to an IPM (Integrated Pest Management) approach to the control of mosquitoes and other vectors of human disease. As such, District policies emphasize training, vector and pathogen surveillance, the integration of biological and physical control practices with chemical control (public health pesticides), and the judicious use of appropriate control tools only when vectors exceed specific thresholds. During 2017 there were no new or extraordinary District activities or substantial changes in District policies which could have caused significant environmental impacts, and there were no substantial new regulations or research results which alter the conclusions in our PEIR regarding actual or potential environmental impacts.

2. Biological Control of Mosquitoes

District staff has traditionally implemented a four-pronged approach to biological control of mosquitoes. The general elements of biological control used by the District are 1) rearing, stocking, and providing for limited public use the mosquitofish (*Gambusia affinis*) to eat larval mosquitoes in sites where mosquitofish are unlikely to cause significant adverse impacts on native species; 2) a program to identify, develop, and evaluate additional biocontrol agents that can be produced at reasonable cost; 3) collaboration with land-owners and managers to implement land and water management practices that protect and support populations and dispersal of native mosquito predators; and 4) policies and training designed to protect native predators.

In 2017, District staff stocked out approximately 53,000 mosquitofish. The number of fish stocked was lower in 2017 compared with the previous year (Figure 1). Artificial sources like un-maintained swimming pools continued to produce substantial numbers of mosquitoes. Fish stocking in pools continues to be a critical tool for addressing West Nile virus in urban and suburban areas, and poses essentially no environmental risk. Year-to-year variations in stocking in natural waters and other traditional sites (horse troughs, etc.) are due primarily to weather patterns that change the extent of appropriate stocking sites. Although the District continues to study potential use of native fish for mosquito control, mosquitofish stocking in natural sites will most likely continue at similar rates in upcoming years. There was no substantial new research

published nor regulations issued in the past year on the potential environmental consequences of mosquitofish.

Fish Stocking 2000-2017

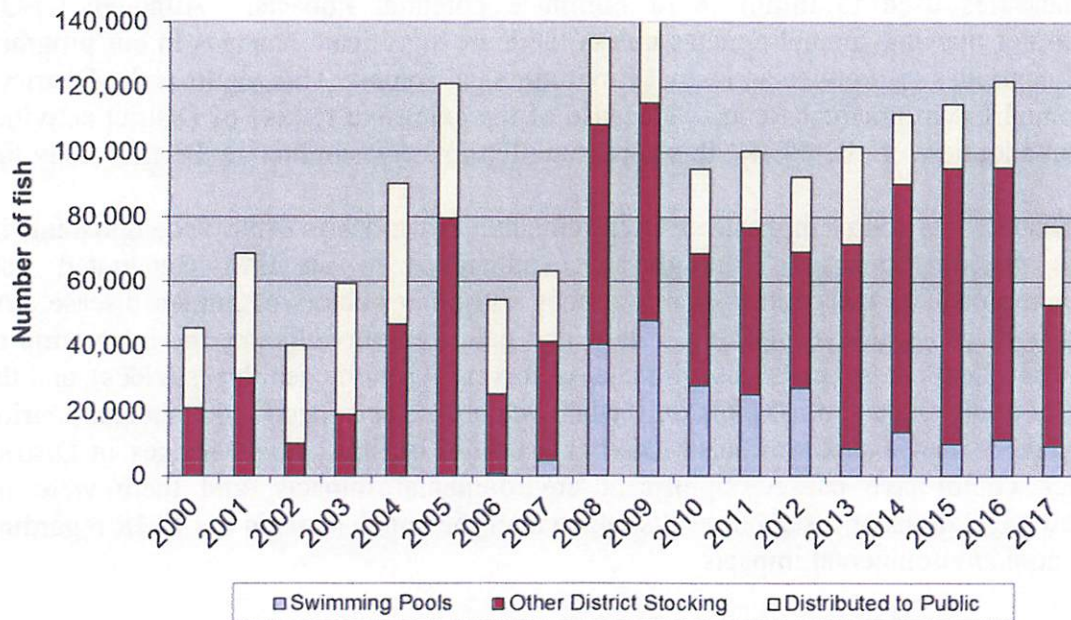


Figure 1: Use of mosquitofish for biological control, 2000 - 2017.

The District also dispersed approximately 24,500 mosquitofish to members of the public during this period, with instructions that these were for use only in contained water bodies (ornamental ponds, horse troughs, etc.). This number was consistent with the last five years. All public “walk-ins” requesting fish are logged by the District, with the mosquito habitat type and number of fish recorded as well as the name and address of the person obtaining fish. This information is tracked electronically through our VXS database, which enables mapping of locations where fish are being stocked by the public (Fig. 2). To ensure that fish releases are appropriate, the District provides information on appropriate stocking locations and densities to the public at the time of fish dispersal.

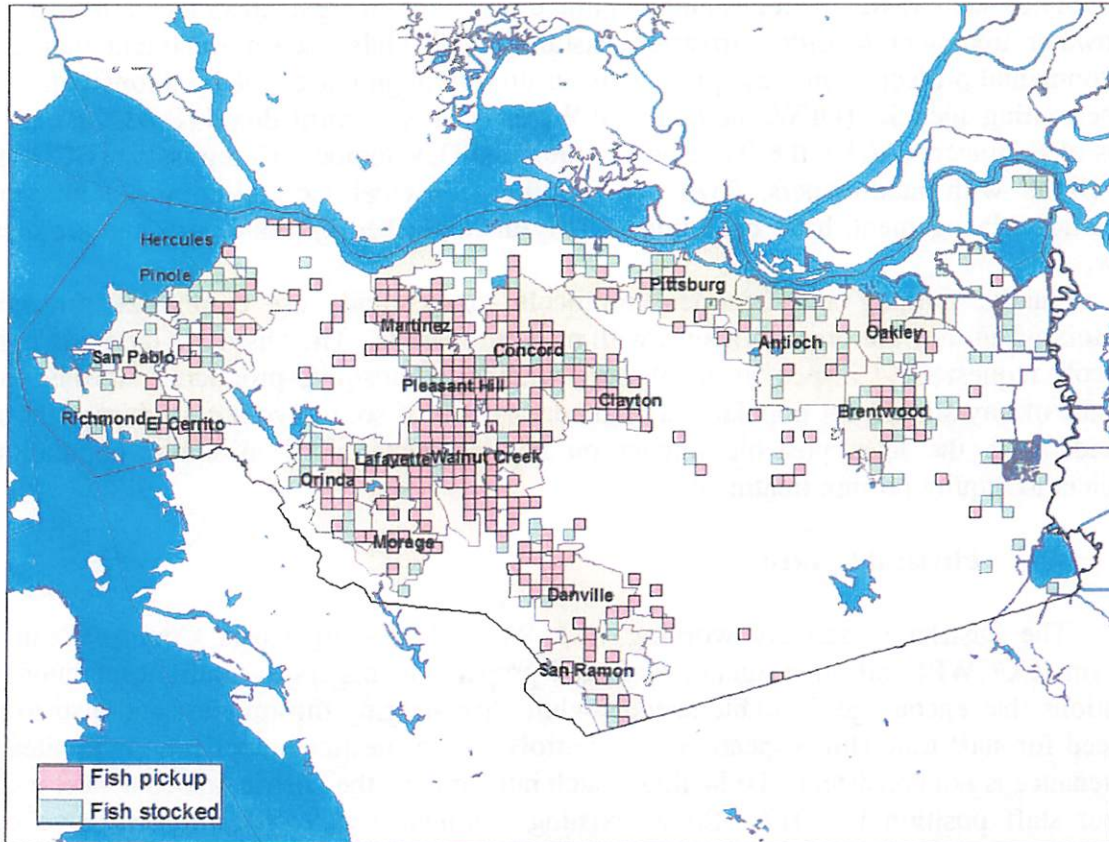


Figure 2. Locations (map coordinates) where mosquitofish were stocked by district technicians or by the public (“Fish pickup”) in 2017

The District continues to be a lead agency for research on aquaculture and biological control capacity for California native fishes including Sacramento perch, California roach and Sacramento hitch. Because they are native species, the District has been exploring their potential to replace or augment mosquitofish and other aquatic mosquito predators in various sites, and significant in-house production and field releases have led to successful establishment in many moderate-sized permanent water bodies where the adults should be able to establish sustainable breeding populations over time. This year, due to the low numbers of fish produced with our methods we are discontinuing work with the Sacramento hitch (*Lavinia exilicauda exilicauda*). We continue to breed the California roach (*Lavinia symmetricus*) and will start research on the Hardhead (*Mylopharodon conocephalus*). This species is found in Contra Costa County in limited areas. We continue conversations with California Department of Fish & Wildlife (DFW) regarding permits to stock native fish species in Contra Costa County. Recommendations have gone to committee and specific conditions will be outlined for stocking California Native fish in 2018.

A high priority of the District is collaboration with land-owners on improving land and water management to reduce mosquito production while maintaining other desirable ecological functions of the sites, and a major focus of this work is manipulating habitats to promote the survival, reproduction, and dispersal of natural aquatic predators, including fish and aquatic

invertebrates such as water beetles and juvenile dragonflies. Target sites include refinery ponds, stormwater treatment facilities, irrigated pastures, duck clubs, sewer treatment marshes, etc. Environmental protection in these projects is ensured through close collaborations with resource and permitting agencies (DFW, the Regional Water Quality Control Board (RWQCB), the Army Corps of Engineers (ACE), the Bay Conservation and Development Commission (BCDC), etc.), as well as with land-owners. Two sub-activities, Physical Control/Source Reduction and Vegetation Management, have been traditionally distinguished in this report, and are discussed below.

Finally, training and treatment protocols for pesticide use emphasize protection of predators when they are present in sites with mosquito larvae. The District's larvicide treatment protocols request field inspectors to observe whether a mosquito-producing site also has the presence of any significant populations of predators, and if so, to avoid pesticides or to use the pesticide with the least possible impact on natural predators if mosquito populations are sufficient to require prompt treatment.

3. Physical Control

The District is actively working with RWQCB, Contra Costa County Clean Water Program (CCCWP) and other agency staff and property managers to facilitate maintenance of conditions that encourage desirable species while discouraging mosquitoes, and also to reduce the need for staff time (for inspection and control) and for pesticide applications to sites where maintenance is not consistent. To facilitate such interactions, the District added a Vector Control Planner staff position in 2017. Some existing stormwater detention projects have become significant mosquito sources and disease risk foci due to inadequate design and/or maintenance, and our staff has been working closely with the responsible local authorities to correct these conditions, with some noteworthy success. Evaluations of past District source reduction projects continue to indicate that the environmental consequences of these projects have been positive and that increases in tidal action and pro-active water management have particularly benefited a range of wetland-dependent native species.

4. Vegetation Management

The District did not apply any chemical herbicides in 2017. Vegetation management was conducted with hand tools ("brushing") as needed to allow access for vector surveillance as in past years. No significant or unanticipated problems were encountered.

5. Chemical Control (Pesticides)

The attached tables compare 2017 pesticide use with the previous ten years individually and with ten-year averages. This year, as in the preceding report, the quantity applied is reported as the total amount (pounds) of active ingredients applied. Overall pesticide use was similar in 2017 vs. 2016 (ca. 9,000 lb) (Fig. 5). The long term trend has been a reduction in the use of larvicidal oils in favor of bacterial larvicides and growth regulators (Table 1). As in previous seasons, adulticides were applied in small quantities using vehicle-mounted ULV (ultra-low volume) or hand foggers in specific rural and residential areas where West Nile virus risk and/or adult mosquito counts were elevated (Fig. 3).

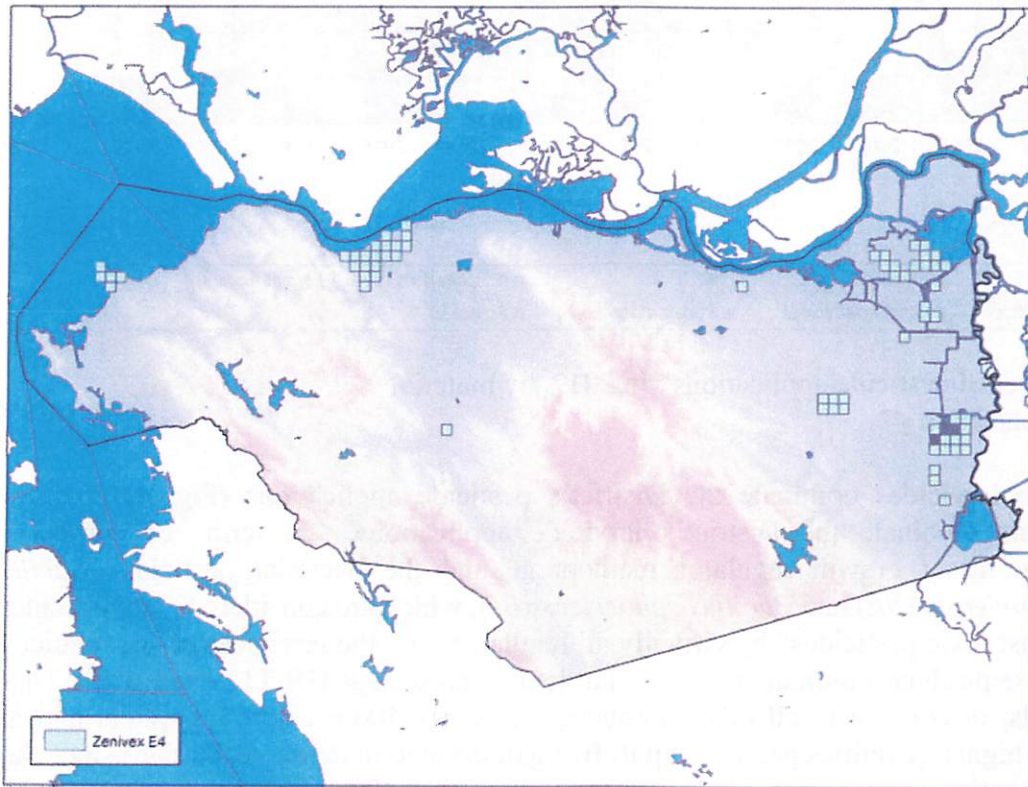


Figure 3. Map coordinates within which adulticides were used in 2017, by material

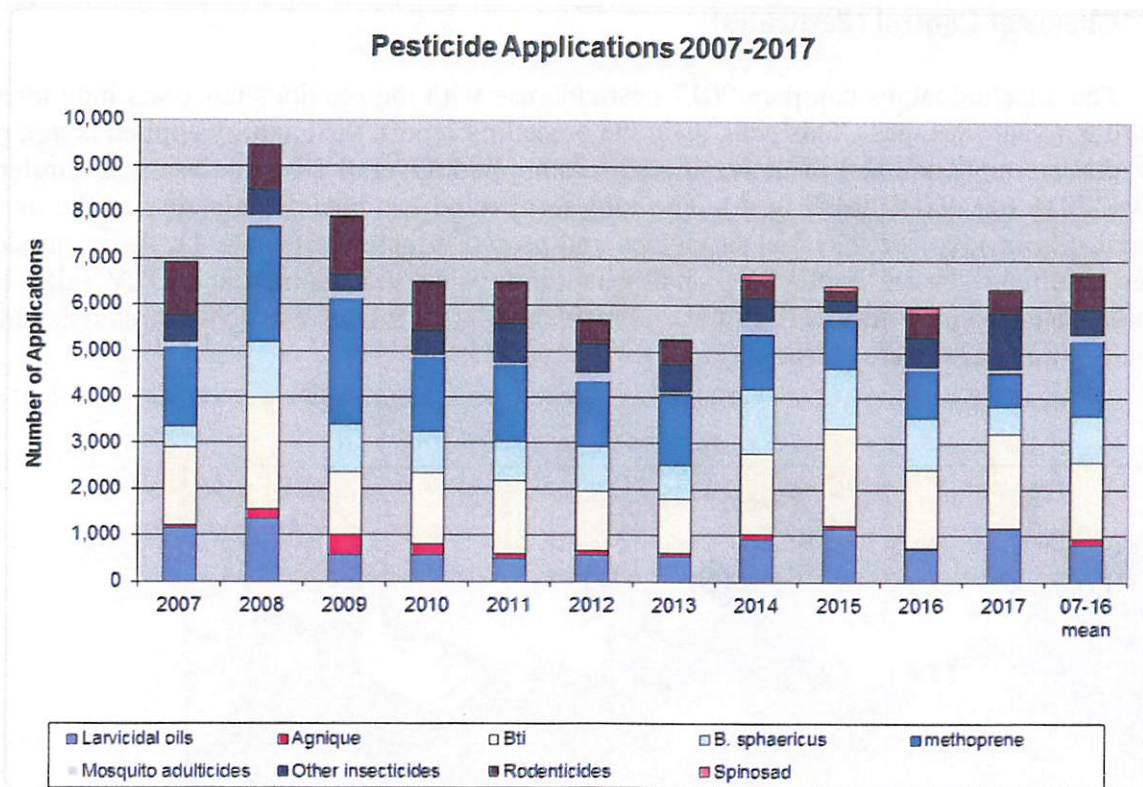


Figure 4. Number of pesticide applications* in 2017, by material
 *see text for explanation

Mosquito larvicides dominate the District’s pesticide applications (Fig. 4), and four active ingredients dominate the District’s larvicide applications. In terms of number of applications, the insect growth regulator methoprene and the bacterial pesticides *Bacillus thuringiensis israelensis* (Bti) and *Bacillus sphaericus* (Bs), which are considered “biopesticides” by EPA and “least toxic pesticides” by virtually all regulators, are the larvicides of first choice at the District. These products continue to replace larvicidal oils such as GB-1111 and BVA. These light mineral oils, in contrast to all other products, are nearly 100% active ingredient and are applied at much higher quantities per acre (up to five gallons/acre in dense vegetation) since they must cover the entire surface area of the source with a thin film in order to suffocate air-breathing mosquito larvae. Therefore they continue to dominate Figure 5, which shows pounds of active ingredient applied each year. Larvicidal oils are the only products currently used by the District that reliably control mosquito pupae, and therefore these products may continue to be used whenever mosquito pupae are encountered at densities exceeding our control thresholds.

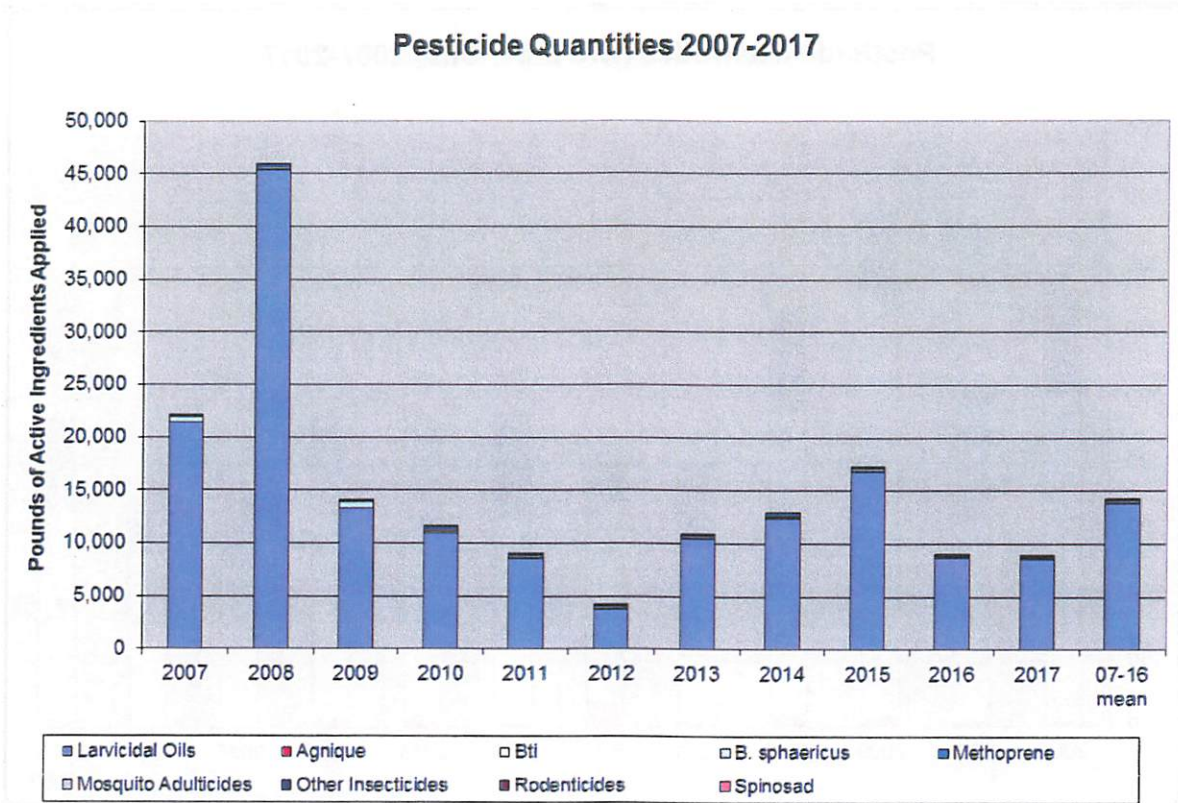


Figure 5. Amount of pesticide applied by material (pounds of active ingredient)

Because of the dominance of larvicidal oils in terms of pounds of active ingredient used annually, Figure 6 shows pesticide quantities with this product excluded to better compare the other products. Agnique, an alternative non-oil based surface film, was used in very small quantities in 2017 (it is useful in swimming pools and other artificial containers, but not in open-water situations where wind and emergent vegetation tend to disrupt the film). Some new formulations of methoprene and *B. sphaericus*, and combinations of *Bti* with *B. sphaericus* and methoprene have been introduced in recent years, but present no potential new environmental consequences. Natular™, containing the active ingredient spinosad, a bacterial fermentation product, continues to be used operationally in small amounts. Since it is similar or lower in risk classification than other biopesticides already in use by the District it is not expected to have any significant environmental impact. It is also useful in rotation with other larvicides to reduce the likelihood of resistance developing in our local mosquito populations.

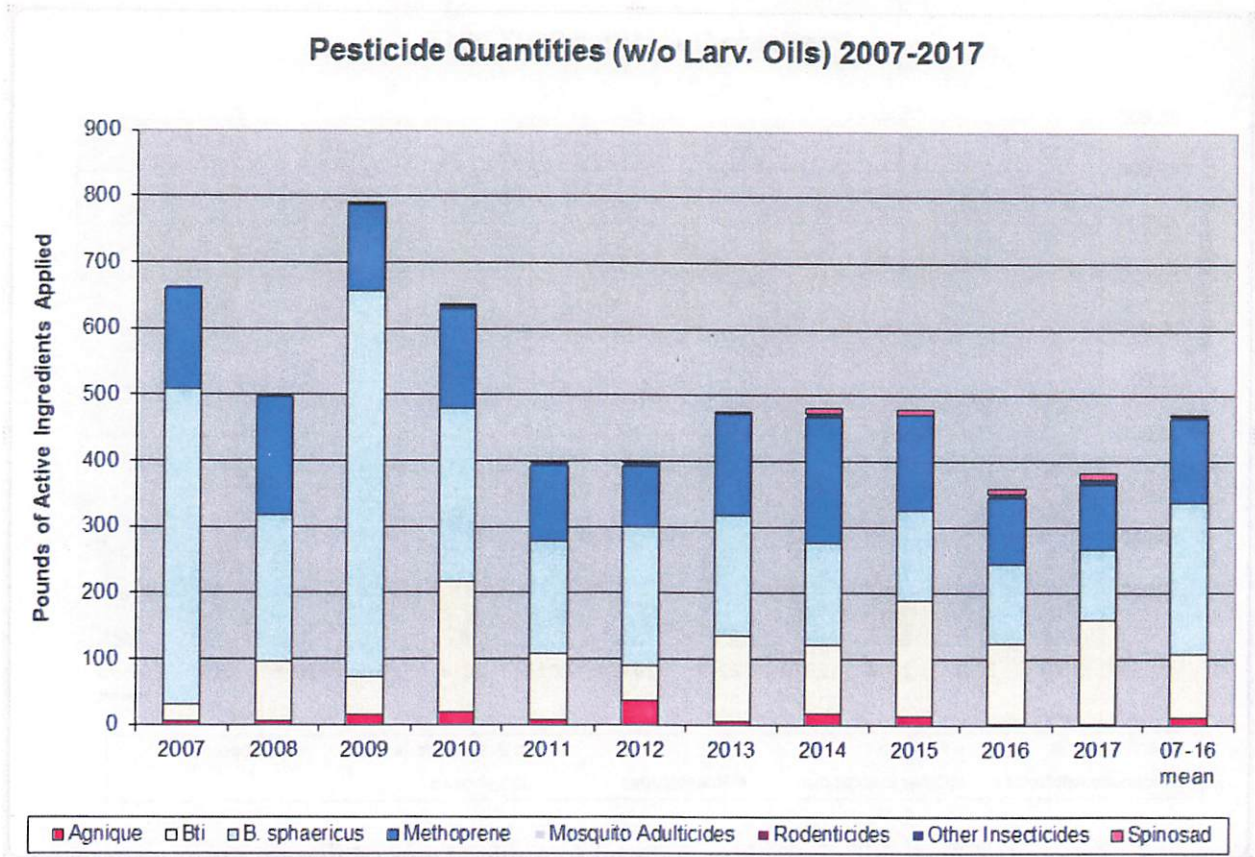


Figure 6. Amount of pesticide applied by material (pounds of active ingredient), excluding oils

District use of mosquito adulticides was somewhat higher in 2017 than the previous year due to moderate WNV risk but higher overall mosquito counts. Overall, use of adulticides continues to be very small in comparison with larvicide use in terms of the number of applications (Fig. 4), the total amount of active ingredient applied (Fig. 6), and the area treated, in keeping with the District's policy of preventing adult mosquito outbreaks through larval control whenever possible. **Please note that the 'number of applications' in the tables and figures counts every applicator, every piece of machinery and (in the case of adulticides) every map coordinate treated as an 'application', whether done by the District or by a contract applicator, and thus may not match application counts and material quantities reported to the County Agricultural Commissioner or the District's website (which reports specific spray events individually, without reporting on how many employees were involved or how many map coordinates were treated).*

The only adulticide used by the District in 2017 was the synthetic pyrethroid Zenivex (etofenprox). No other synthetic pyrethroids or pyrethrins were used. Unlike pyrethrin products, Zenivex does not contain piperonyl butoxide (PBO) as a synergist and is thus regarded as a 'reduced risk' material. Historically, our usage of synthetic pyrethroids had been low compared with pyrethrins (Fig. 7a,b).

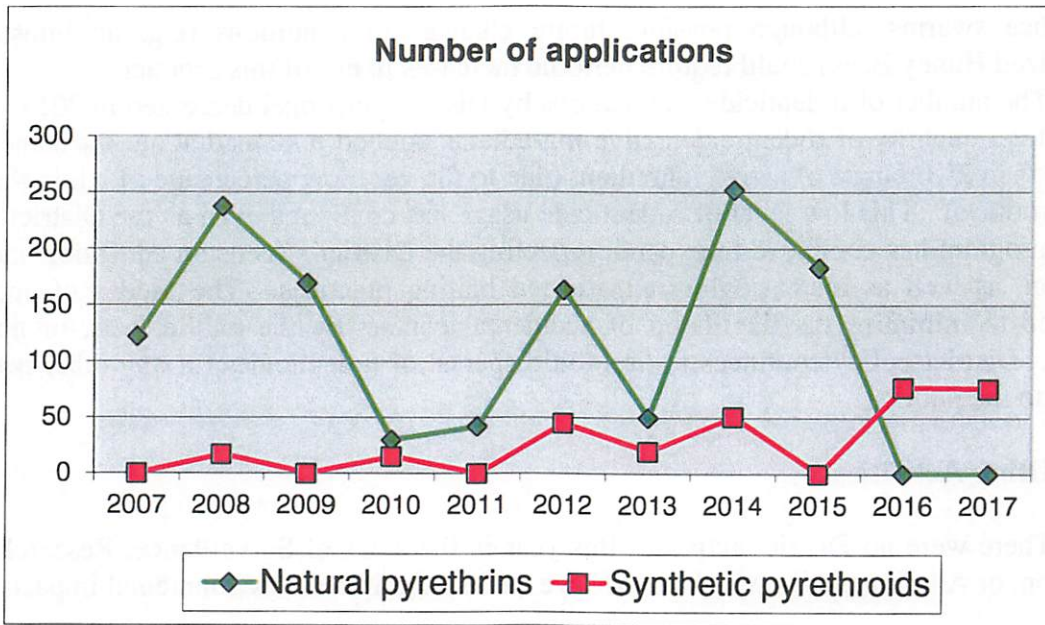


Figure 7 a. Number of adulticide applications by class of material.

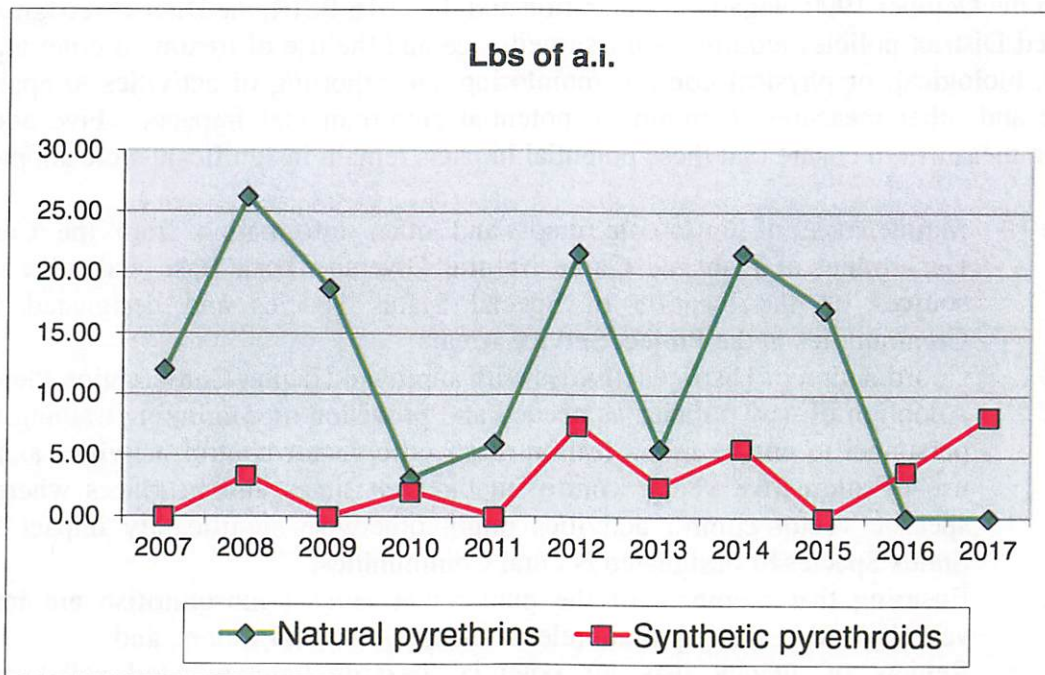


Figure 7b. Amount of a.i. applied by class of material

Applications of other insecticides by the District were limited to the pyrethroid dust product, Drione, used to control yellowjacket nests. Usage of this material against ground-nesting yellow jackets was higher in 2017 due to a substantial increase in yellowjacket service requests. M-Pede (insecticidal soap), not used in 2017, is occasionally used for control of feral

honey bee swarms, although possible future changes in conditions (e.g. an infestation of Africanized Honey Bees) could require periodic increases in use of this product.

The number of rodenticide applications by District personnel decreased in 2017 vs. 2016, but the total quantity of rodenticide active ingredients applied remained about the same (<0.01 lb), less than 2/10 ounce of active ingredient (due to the very low percentage of a.i. in these bait-based products). This low level of rodenticide usage has continued even as the District's rodent control program has continued to expand, reflecting the District's focus on education and rodent exclusion, as well as increasingly sophisticated baiting practices. The modes of application continued to minimize the likelihood of accidental contact by the public, pets, or non-target wildlife. District policy continues to prohibit dispersal of rodenticides (or any other pesticides) directly to the public.

6. Other Activities

There were no District activities this year in the areas of Surveillance, Research, Public Education, or Administration which could have caused significant environmental impacts.

7. District Environmental Mitigation Activities

In the October 1999 Negative Declaration and the 2016 PEIR, the District recognized that established District policies require vector surveillance and the use of treatment criteria prior to chemical, biological, or physical control; monitoring and reporting of activities to appropriate agencies; and other measures to minimize potential environmental impacts. Five additional mitigation measures to ensure that these potential impacts remain insignificant were adopted:

- a. Maintenance of up-to-date maps and other information from the California Department of Fish and Game Natural Diversity Data Base and other reliable sources on the location of Special Status Species and designated Natural Communities in the Project Service Area;
- b. Coordination of District activities with approved Habitat Conservation Plans;
- c. Adoption of new policies as needed and provision of continuing training to field personnel to ensure minimization of specific vector control activities and/or the use of alternative vector control methods at times and in places where those specific vector control activities might otherwise significantly impact Special Status Species or designated Natural Communities;
- d. Ensuring that members of the public that request mosquitofish are informed verbally and in writing to not release them into natural waters; and
- e. Review of agency lists for potential hazards (contaminated soils) prior to implementation of minor physical control projects in historically industrial zones; and additional, site-specific CEQA review prior to implementation of source reduction projects which might result in discharge of hazardous materials into the environment.

The District has adopted policies and practices to ensure that these requirements are met, and continually reviews their effectiveness. District staff, including the General Manager,

Program Supervisors, and Scientific Programs Manager, interact with the California Department of Fish and Wildlife, the U.S. Fish and Wildlife Service, the U.S. Environmental Protection Agency, the American Mosquito Control Association, the Association of American Pesticide Control Officials, and other groups to ensure strong communications and cooperation, and plan and conduct training sessions for District personnel on environmental regulations and compliance measures.

Specific improvements continue to be made to ensure compliance. In 2017, the District renewed our subscription to GIS map layers of endangered species habitat distribution from CDFW. This enables us to provide our field employees with accurate maps of known populations of endangered or threatened species within their zones to avoid any potential conflicts. To improve the accuracy of our mosquitofish distribution data, all fish must be picked up at District headquarters in Concord where staff can ensure that forms are properly filled out and records can be entered directly into our database. Previous experience indicates that nonstandard releases of mosquitofish were probably quite rare and of little ecological significance, but our ability to document this has improved substantially.

8. Regulations and Outside Research

The District continues to comply fully with all applicable Federal and State regulations, including FIFRA, CEQA, and the Clean Water Act (NPDES), as detailed in our district's PEIR

We also continue to collaborate with other agencies and groups, including the California Department of Public Health, the University of California, the California Department of Fish and Wildlife, and the US Department of Agriculture on policies and projects that enhance our ability to protect public health and environmental quality.

9. Acknowledgement

I am grateful to the following individuals for their helpful suggestions and/or assistance with the preparation of the report: Paula Macedo, General Manager; Greg Howard, Program Supervisor; Sheila Currier, Program Supervisor; Jonathan Rehana, Program Supervisor; Eric Ghilarducci, Vector Ecologist II; Chris Miller, Biologist.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	07-16 mean		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	07-16 mean	
Pesticide (units)																										
Mosquito Larvicides																										
Number of applications														Pounds of active ingredient												
Agnique (lbs)	76	192	436	226	96	91	78	121	80	26	24	142		5	6	16	18	7	36	5.71	16.81	12.35	1.01	0.30	11.28	
Agnique (gal)	76	192	436	226	96	90	73	112	57	7	2	137		0.718	0.752	2.14	2.44	0.98	4.83	0.51	1.26	0.70	0.04	0.00	1.31	
Agnique Granules (lb)						1	5	9	23	19	22	11							0.07	1.92	7.44	7.16	0.63	0.29	2.88	
Methoprene (lbs)	1,726	2,496	2,741	1,642	1,666	1,419	1,552	1,248	1,076	1,069	750	1,664		151	179	130	149	113	94	152.72	193.06	146.77	100.47	98.43	128.03	
Altosid Briquets (lbs)	628	379	232	156	192	126	55	75	65	235	126	214		3.80	1.29	1.21	0.84	0.30	1.90	0.47	0.70	0.59	4.36	0.00	1.40	
Altosid XR Briquets (lbs)	437	1049	1329	547	504	640	55	62	26	48	0	470		15.96	12.34	37.86	9.30	10.35	15.27	0.25	0.65	0.13	0.89	0.00	3.42	
Aquaprene XL Briquets (lbs)	121	18	0	0	1	0	0	0	0	0	0	14		2.12	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.20	
Altosid Granules (lbs)	1	0	0	0	0	0	1	0	23	0	0	3		0.23	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.33	0.00	0.00	0.05	
Altosid XR Granules (lbs)	2	0	0	0	0	0	0	0	0	0	0	0		0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	
Altosid XR Ingot (lbs)							726	400	239	138	129	376									23.63	16.79	3.76	1.83	9.20	
Altosid Pellets (lbs)	171	281	249	399	360	345	514	490	475	516	339	380		120.53	161.43	88.15	134.47	100.30	67.07	125.21	174.43	141.70	88.83	92.69	109.28	
Altosid Pellets w/SP (lbs)	55	107	137	135	65	54	57	63	61	27	26	76		0.11	0.25	0.20	0.34	0.14	0.13	0.14	0.18	0.00	0.09	0.09	0.14	
Aquaprene Tossits (lbs)	3	8	9	0	1	0	0	0	0	0	0	2		0.04	0.25	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	
Altosid Liquid (Duplex) (gal)	308	654	785	405	543	252	135	158	187	104	107	353		0.95	0.47	0.26	0.41	0.23	0.12	0.10	0.04	0.03	0.51	0.63	0.28	
MetalLarv S-PT (lbs)						2	9	0	0	0	0	1									8.16	2.14	0.00	0.11	0.00	1.73
VectoPrime FG (lbs)**												na													0.22	na
Larvicidal Oils (lbs)	1133	1,360	574	567	491	567	540	904	1138	697	1147	797		21,392	45,329	13,248	10,881	8,551	3,753	10,390	12,415	16,738	8,634	8,522	13,767.38	
Golden Bear IIII (gal)	1133	1360	574	539	24	0	0	0	0	0	0	363		2879	6101	1783	1463	86	0	0.00	0.00	0.00	0.00	0.00	1,119.29	
BVA Larvicidal Oil (gal)				28	467	567	540	904	1130	694	1147	619					1	1065	505	1398.38	1663.10	2245.00	1162	1147	1,004.97	
CoCoBear (gal)									8	3	0	6										8.00	0	0	2.68	
Bti (lbs)	1,696	2,415	1,352	1,546	1,584	1,304	1,169	1,761	2,115	1,706	2,036	1,665		26	90	56	198	101	54	130.62	104.01	176.19	123.60	158.69	96.33	
Bactimos w/P (lbs)	1	0	0	0	0	0	0	0	0	0	0	0		0	0.5	0.5	0	0	0	0.00	0.00	0.00	0.00	0.00	0.09	
Vectobac 12 AS (gal)	1674	2385	1311	1432	1400	762	939	856	830	591	686	1,218		2.73	11.09	6.72	3.15	11.45	2.80	2.58	1.06	9.16	1.59	2.93	4.76	
Vectobac Granules (lbs)	21	30	40	86	37	60	26	11	313	237	42	86		4.41	5.72	3.73	19.28	5.22	9.16	8.48	1.26	0.90	25.26	0.32	7.58	
FourStar Briquet* 45d (lbs)					27	0	9	1	0	0	0	6						0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FourStar Briquet* 90d (lbs)						1	6	1	0	0	0	2							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FourStar Briquet* 180d (lbs)					105	405	28	554	3	441	51	190						0.84	6.38	0.19	9.54	0.01	0.17	0.01	2.45	
VectoMax CG* (lbs)			1	28	15	76	160	338	872	687	0	272				1.80	155.35	8.01	17.08	102.45	85.21	105.53	85.19	0.00	62.29	
VectoMax WSP* (lbs)									97	147	497	122										0.40	0.98	5.47	0.46	
VectoMax FG* (lbs)											783	na												117.59	na	
VectoPrime FG** (lbs)											23	na												13.17	na	
B. sphaericus (lbs)	447	1228	1033	894	872	957	732	1407	1307	1125	1385	1,000		478	222	585	263	170	209	181.27	153.88	135.50	119.93	107.06	228.90	
Vectolex Granules (lbs)	368	793	758	710	585	331	451	381	313	237	83	493		477.54	115.48	433.95	155.97	110.40	53.10	39.50	35.20	65.30	67.65	32.05	141.28	
Vectolex w/DG (lbs)	3	32	61	13	78	73	27	2	8	0	1	30		0.27	101.38	148.22	12.35	48.18	106.29	77.58	5.38	6.66	0.00	1.02	46.03	
Vectolex w/SP (lbs)	76	403	214	143	62	70	54	130	14	10	16	118		0.45	5.09	1.73	1.06	1.90	1.13	1.18	4.87	0.15	0.15	0.12	1.61	
FourStar Briquet* 45d (lbs)					27	1	6	1	0	0	0	6						0.12	0.00	0.35	0.03	0.00	0.00	0.00	0.07	
FourStar Briquet* 90d (lbs)						1	6	1	0	0	0	2							0.00	0.02	0.00	0.00	0.00	0.00	0.01	
FourStar Briquet* 180d (lbs)					105	405	28	554	3	441	51	190						5.04	38.28	1.17	57.27	0.08	1.03	0.03	14.69	
VectoMax CG* (lbs)			1	28	15	76	160	338	872	687	0	272				1.08	93.20	4.81	10.26	61.47	51.13	63.32	51.11	0.00	37.37	
VectoMax WSP* (lbs)									97	147	497	122											0.24	0.59	3.28	0.28
VectoMax FG* (lbs)											783	na												70.56	na	
Spinosad (lbs)			4	1	6	5	26	111	88	114		44				0.06	0.04	0.02	1.52	1.52	7.43	7.22	8.41	8.44	2.91	
Nattalar T30 (lbs)			3	0	0	0	0	0	2	6	0	1				0.01	0.00	0.00	0.00	0.00	0.00	0.83	2.68	0.00	0.39	
Nattalar G (lbs)			1	0	0	0	1	1	22	12	0	5				0.05	0.00	0.00	0.00	0.01	0.01	0.80	0.08	0.00	0.11	
Nattalar G30 (lbs)						3	7	34	62	70	46	35							1.38	1.00	2.46	5.41	4.00	8.41	2.37	
Nattalar XRG (lbs)				1	0	1	2	50	0	5	1	8				0.04	0.00	0.13	0.45	0.50	0.00	0.05	0.00	0.15		
Nattalar 2EC (gal)					6	1	16	26	2	11	2	10							0.00	0.00	0.01	0.46	0.02	0.11	0.09	
Nattalar DT (lbs)										10	6	10												0.51	0.02	0.26

*VectoMax and FourStar are a combination of Bti and B. sphaericus. **VectoPrime is Bti and methoprene. Active ingredients tabulated separately.

Table 1. Larvicide usage by material type during 2017 compared with previous ten years

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	07-16 mean	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	07-16 mean
Pesticide (units)													Pounds of active ingredient											
Number of applications																								
Mosquito Adulticides																								
Natural Pyrethrins (lbs)	122	237	169	30	42	163	50	252	183	0	0	125	12.01	26.19	18.68	3.15	5.93	21.61	5.57	21.59	17.00	0.00	0.00	13.17
Pyrethrin 25-5 (gal)	112	236	134	4	2	0	1	0	0	0	0	49	1.63	3.55	2.06	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.73
Pyrocyde 7396 (gal)	0	1	35	26	40	163	22	0	0	0	0	29	0.00	0.01	0.48	0.42	0.60	2.92	0.28	0.00	0.00	0.00	0.00	0.49
Pyrocyde 7067 (gal)							27	252	183	0	0	116							0.47	2.97	2.34	0.00	0.00	1.46
Pyronyl Crop Spray (gal)	10	0	0	0	0	0	0	0	0	0	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Synthetic Pyrethroids (lbs)	0	17	0	15	0	45	20	51	0	77	76	23	0.00	3.34	0.00	2.02	0.00	7.43	2.47	5.63	0.00	3.80	8.25	2.47
Scourge (gal)	0	17	0	15	0	45	20	32	0	0	0	13	0.00	0.46	0.00	0.28	0.00	1.03	0.34	0.78	0.00	0.00	0.00	0.29
Zenivex E4 (gal)							19	0	77	76	32								0.16	0.00	0.51	1.11	0.22	
Synergists* (lbs)													60.40	141.92	93.80	21.97	29.64	130.86	36.77	127.33	86.62	0.00	0.00	72.83
Piperonyl butoxide (gal)	122	254	169	45	42	208	70	284	183	0	0	138	8.16	19.18	12.68	2.97	4.01	17.68	4.83	17.21	11.71			10.94
Other Insecticides																								
Total (lbs)	567	559	374	542	871	632	469	503	241	636	1241	539	3.0	1.8	1.4	6.0	7.2	5.8	3.0	6.0	0.61	5.91	8.71	4.06
Drione (lbs)	563	555	374	541	871	632	310	499	241	636	1241	522	2.64	1.76	1.42	4.30	7.19	5.79	2.68	6.01	0.55	5.87	8.72	3.82
Delta Dust (lbs)							159	3	0	0	0	41							0.00	0.00	0.00	0.00	0.00	0.00
M-Pede (gal)	4	4	0	1	0	0	0	1	0	0	0	1	0.04	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
EcoPCO DX (lb)							117	0	0	0	0	29							0.17	0.00	0.00	0.00	0.00	0.04
Essentria D (lb)							17	0	0	0	0	4							0.11	0.00	0.00	0.00	0.00	0.03
Rodenticides																								
Total (lbs)	1156	950	1216	1018	851	444	375	386	343	522	452	726	0.04	0.03	0.04	0.03	0.03	0.01	0.02	0.01	0.01	0.01	0.01	0.02
Bromethalin (lbs)	2	0	0	0	0	0	0	0	0	0	0	0	0.0001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Contra Super-Size Blox (lbs)+	1038	761	1007	945	666	390	373	135	96	101	59	551	0.033	0.021	0.030	0.029	0.02230	0.01200	0.01583	0.00480	0.00390	0.00723	0.00525	0.02
Contra Small Blox (lbs)+				24	27	1	0	14				12					0.00008	0.00033	0.00001	0.00000	0.00025	0.00001	0.00000	0.00
Difrac Blox (lbs)!	116	189	209	73	161	27	1	0	111	346	330	123	0.006	0.010	0.010	0.004	0.00605	0.00135	0.00005	0.00000	0.00190	0.00565	0.00598	0.00
First Strike Blox (lbs)%				11	15	115	188	0	19			58					0.00018	0.00065	0.00793	0.00600	0.00000	0.00119	0.00000	0.00
Terad 3 Blox (lbs)&				15	0	4	63	122	53	63		43					0.00071	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*PBO is a component of pyrethroid adulticides. Not listed separately prior to 2009

- +Bromadiolone
- !Diphacinone
- %Difethialone
- &Cholecalciferol

Table 2. Other pesticide usage by material type during 2017 compared with previous ten years

Peggie Howell

Report from Monterey Conference of Mosquito and Vector Control Association of California (MVCAC)

January 28-30, 2018

Trustee Specific Sessions

1) MVCAC Trustee Council

a) Council meeting to elect officers and review the goals for 2018. The goals were to improve communication to and among Trustees, including training sessions and news briefs. To prepare Trustee orientation material and to increase Trustee participation.

b) 2 hour required Sexual Harassment Prevention Training

2) Breakfast meeting to demonstrate use of the Website. <http://www.mvcac.org>

Choose "menu" and from the drop-down menu, choose "about"

Under the "Trustees" category, choose "learn more"

There is access to the Trustees Reference Manual and access to descriptions of legislation which can impact the district

Back to the main menu, there is also a Legislation and Advocacy category

Plenary Session

1) Legislative Update

a) Signed into law – Legislation regarding the use of drones, which creates a new license category to operate drones without a pilots' license. It also addresses conditions for using drones for pesticide application. This legislation was welcomed by MVCAC, and sponsored by Ann Caballero, who was a featured speaker.

b) AB718 addresses private land-owners ability to block abatement.

c) AB1687 is to prohibit use of anticoagulants for rodent control. MVCAC is trying to get an exemption for public health.

2) Updates from San Joaquin and Turlock

Both counties described the fallout from the high rainfall of 2017. Although a state of emergency was declared, they had a lot of difficulty getting payments from FEMA to pay for additional abatement. In Turlock, they saw the first case of St. Louis Equine encephalitis in 40 years. FEMA declined help, saying there were not enough human cases. Another speaker described efforts to determine the source of E. coli contamination of lettuce fields by examining house flies attracted by insect "honeydew" on the leaves.

3) The general manager of Houston Vector Control spoke of their emergency response after Hurricane Harvey. He told of his personal story evacuating his own family, and then the huge task of abatement. He had the foresight to park all 45 trucks on very high overpasses, so none of their trucks were flooded. The mayor of Houston wanted to spray all of Houston, but Dr. Debboun refused and insisted on scientific evaluation of where the mosquitos were breeding and landing in order to target the spraying. The Chief Entomologist of the Air Force Aerial Spray Unit spoke of the Air Force spraying operation in Houston. There are 6 Air Force planes and the spraying capability is massive. The website is: <https://www.acq.osd.mil/eie/afpmb/>

Exhibits

Digital Map

Most of the exhibits were not directly useful to Trustees. For example there were companies displaying different types of traps. I spent time in the Digital Map booth, since we have entered into a contract with them. They had a tablet and smart phone. They showed me how both can track the employees, but the tablet stays with the truck. To comply with regulations, the employee can touch one button to turn off the tracking on the smart phone. I asked the Digital Map employees to tell me why they want to develop applications for a small niche such as Vector Control. They said they are not a Vector company, they are a technology company. A vector application may be one of the most challenging for their GIS system, because there needs to be different chemical configurations for different size areas. They will be able to easily adapt their platform to other less complicated government applications. In other words, they will use us to develop products for a much wider customer base. I mentioned that the board of trustees was very interested in the implementation. I shared that we had faith in the extensive evaluation performed by our employees, but will be interested in updates to make sure there are no problems which are sometimes found when a software company develops a new area.

For reference:

A geographic information system (GIS) is a computer system for capturing, storing, checking, and displaying data related to positions on Earth's surface. By relating seemingly unrelated data, GIS can help individuals and organizations better understand spatial patterns and relationships.

GIS technology allows all these different types of information, no matter their source or original format, to be overlaid on top of one another on a single map. GIS uses location as the key index variable to relate these seemingly unrelated data.

Los Angeles

The Los Angeles Vector Control District brought their mobile teaching laboratory. It was in a converted RV and very impressive. There were state of the art computer generated images, microscopes and interactive displays. They take it to schools and are booked solid.

Scientific sessions

The scientific sessions were a series of presentations of recent research. I enjoyed them for general knowledge, but looked for trends which may result in additional financial resources from the district. Steve keeps us up to date, but to review - A few bullet points:

- Between 2013 and 2016, population genomics of California populations of *Aedes aegypti* changed, indicating that the species may be adapting to California conditions.
- Invasive *Aedes aegypti* genetic matches were found in populations from southern Nevada and Garden Grove, CA
- Zika virus extrinsic incubation period is shorter with higher ambient temperatures
- *Culex tarsalis* does not appear to be a competent vector for transmission of Zika at this time.
- In 2017 there were 516 cases of mosquito-borne encephalitis. Over ½ were in LA alone.
- In Los Angeles, the disease of Typhus is second to West Nile. A common vector for *Rickettsia* pathogens are fleas. The research found *Rickettsia typhi* in fleas on feral cats. Transmission is enhanced by large numbers of feral cats attracted to feeding stations.
- Other researchers continued examining Hanta virus in rodent populations, Plague carried by fleas infesting rodents, and Tick-borne relapsing fever. All of these are found in the Sierras.

March 10, 2018

To: Board of Trustees, Contra Costa Mosquito and Vector Control District

From: Diane Wolcott, Trustee

Re: MVCAC Annual Conference, 2018

The 86th Annual Conference of the Mosquito and Vector Control Association of California, (MVCAC), was held in the Monterey Marriott and Monterey Convention Center in Monterey, California January 28-30, 2018. As this was my last MVCAC conference in my role as a Trustee, I was struck by the changes I noticed since my first conference in Sacramento.

One change was my impression that the conference was larger and included a more diverse group of attenders and exhibitors. Some things hadn't changed—Sunday's golf tournament, some mandatory trainings and the President's Welcoming Reception as well as Monday's Welcoming and visit by the Assembly Member and the Legislative Update.

More obvious changes were caused by statewide and nationwide responses due to changing disease patterns and climate changes. A report of the personal and agency problems that arose in facing an immense emergency such as Hurricane Harvey in Texas held the attention of all. Examples of responses to further emergencies included the experiences of armed forces vector control as well as the involvement of FEMA and statewide agencies as they attempted to integrate mosquito and vector control with their more familiar responsibilities. It is only somewhat recently that I have been aware of reports from military representatives as well as federal agencies such as FEMA.

Changes occurred in the exhibitor show as well. For one thing, there appeared to be more exhibitors. And there appeared, at least to me, to be a more diverse group of exhibitors. In addition to the companies which were advertising their pesticides, adulticides, larvacides and other chemical controls, there were companies demonstrating their software applications for various purposes, their

mapping programs, and their drones as well as their educational programs and hardware.

Additional topics that hadn't been focused on very much in the past now included techniques for engaging the public, public education, social media, and public policy. Reaching out to build public support and community involvement were emphasized as an integral part of better vector control.

One thing hadn't changed: the Trustee Business Session and Breakfast. This one focused on communication techniques to increase contacts with MVCAC as well as other Districts.

Recent scientific advances had, of course, also changed. These increased our overall understanding of the pathogens and the vectors our districts struggle with. Some of these reports were very specific and detailed and some had very far reaching implications.

When I joined the Board, West Nile Virus was just appearing in California and conferences focused on defining and then meeting the threat of the virus. Over several years, testing techniques and control protocols were developed and aided our efforts. The use of new genetic analysis helped track the virus and pinpoint sources. As WNV changed from an epidemic to an endemic state, attention changed to other threats. Now concerns focus on Zika, chikunguna, Dengue and others. Knowledge about these diseases has increased with much of the present focus on their invasive vectors like the *anopheles* mosquitos. The big question continues to be, what new threats will show up next? And how will we counteract them?

It has been a privilege and a pleasure to have attended these conferences over the years and to have seen some of these changes take place. The high energy and commitment of the people involved in protecting the health of the public does not seem to have changed, however. I am grateful and glad to have had some small part in it.