



Orange County Mosquito and Vector Control District

Serving Orange County Since 1947

POLICY AND PERSONNEL COMMITTEE MEETING- 1:00 PM
BUDGET AND FINANCE COMMITTEE MEETING- 2:00 PM
OPERATIONS COMMITTEE MEETING- 2:00 PM

**NOTICE AND AGENDA
 OF THE REGULAR MEETING OF THE BOARD OF TRUSTEES
 THURSDAY MAY 18, 2017
 846TH REGULAR MEETING 3:00 P.M.
 13001 GARDEN GROVE BLVD.
 GARDEN GROVE, CA 92843
 WEBSITE ADDRESS: www.ocvector.org**

REGULAR MEETING 3:00 P.M.

A. PLEDGE OF ALLEGIANCE, ROLL CALL, AND LATE COMMUNICATIONS

1. Call business meeting to order 3:00 p.m.
2. Pledge of Allegiance
3. Roll Call - (If absences occur, consider whether to deem those absences excused based on facts presented for the absence — such determination shall be the permission required by law.)

PRESIDENT:	Barbara Kogerman	Laguna Hills
VICE-PRESIDENT:	Lucille Kring	Anaheim
SECRETARY:	Cheryl Brothers	Fountain Valley

Aliso Viejo	Phillip B. Tsunoda	Lake Forest	Scott Voigts
Anaheim	Lucille Kring	Los Alamitos	Warren Kusumoto
Brea	Cecilia Hupp	Mission Viejo	Dave Leckness
Buena Park	Michael Davis	Newport Beach	Scott Peotter
Costa Mesa	Sandra Genis	Orange	Michael Alvarez
Cypress	Stacy Berry	Placentia	Craig Green
Dana Point	Richard Viczorek	Rancho Santa Margarita	April Josephson
Fountain Valley	Cheryl Brothers	San Clemente	Jim Dahl
Fullerton	Jennifer Fitzgerald	San Juan Capistrano	Pam Patterson
Garden Grove	Stephanie Klopfenstein	Santa Ana	Cecilia Aguinaga
Huntington Beach	Mike Posey	Seal Beach	Sandra Massa-Lavitt
Irvine	Lynn Schott	Stanton	Al Ethans
La Habra	James Gomez	Tustin	Letitia Clark
La Palma	Marshall Goodman	Villa Park	Bill Nelson
Laguna Beach	Toni Iseman	Westminster	Sergio Contreras
Laguna Hills	Barbara Kogerman	Yorba Linda	Peggy Huang
Laguna Niguel	John Mark Jennings	County of Orange	Lilly Simmering
Laguna Woods	Shari Horne		

4. Late/Other Communications

5. CLOSED SESSION: Pursuant to Government Code Section 54957.6 Discuss Management Staff Compensation.
6. OPEN SESSION: Report of any required disclosures of action in closed session

B. PUBLIC COMMENTS

(Individual Public Comments may be limited to a 3-minute or less time limit)

During Public Comments, the public may address the Board on any issue within the District's jurisdiction which is not on the agenda. The public may comment on any item on the Agenda at the time that item is before the Board for consideration. Any person wishing to speak must come up and speak from the podium. There will be no dialog between the Board and the commenter. Any clarifying questions from the Board must go through the Board President.

C. PRESENTATIONS

1. Presentation of OCMVCD Posters Presented at MVCAC Annual Conference
2. High Risk 9 (HR9) Cities in Orange County
3. OCMVCD Integrated Workflow Solution

D. OCMVCD COMMITTEE REPORTS TO THE BOARD OF TRUSTEES

1. [Policy and Personnel Committee](#)
2. [Budget and Finance Committee](#)
3. [Operations Committee](#)

E. CONSENT CALENDAR

All matters listed under the CONSENT CALENDAR are considered by the District to be routine and will be enacted by one motion. Any member of the Board may pull an item from the Consent Calendar for additional clarification or action.

1. Approval of DRAFT [minutes](#) for the regular meeting of April 20, 2017
2. [Approve Warrant Register for April 2017 \(Exhibit A\)](#)
3. [Approve Monthly Financial Report for April 2017](#)
4. [Federal Disaster Assistance – January 2017 Flooding Declaration \(DR-4305\) \(Exhibit A\)](#)

F. BUSINESS AND ACTION ITEMS

1. [Adoption of Fiscal Year 2017-18 Operating, Capital, and Revenue Budgets \(Exhibit A, B\)](#)
2. [Adopt Resolutions No. 442 and 443 Respectively, of Intention to Levy Assessments for Fiscal Year 2017-18 for the Orange County Mosquito and Vector Control District, Vector Surveillance and Control Assessment \(District No. 1\); and the Mosquito, Fire Ant and Disease Control Assessment \(District No. 2\). Preliminarily Approving the Engineer's Reports for District No. 1 and District No. 2 and Providing Notice of Public Hearings for District No. 1 and District No. 2 \(Exhibit A, B, C, D\)](#)

G. INFORMATIONAL ITEMS ONLY (NO ACTION NECESSARY)

1. Staff Presentation: Senior staff will give an update of vector activity in Orange County
2. Discuss OC Grand Jury Report Entitled "Is Orange County Ready for Zika? It Takes a Village to Handle Mosquito-borne Viruses"
3. [Annual Report of Expense Reimbursements for 2016 \(Exhibit A\)](#)
4. [Annual Health Benefit Broker Fees and Commission Disclosure](#)
5. [Report of District Activities](#)

H. PRESIDENT'S REPORT AND TRUSTEE COMMENTS

I. DISTRICT MANAGER'S REPORT – Discussion and Possible Action

J. DISTRICT LEGAL COUNSEL REPORT – Discussion and Possible Action

CLOSING

K. CORRESPONDENCE – Discussion and Possible Action None

L. FUTURE AGENDA ITEMS

M. ADJOURNMENT

1. Adjourn to the next regular meeting of June 15, 2017 starting at 3:00 p.m. at the Orange County Mosquito and Vector Control District offices, 13001 Garden Grove Blvd., Garden Grove, CA 92843

"This agenda shall be made available upon request in alternative formats to persons with a disability, as required by the American with Disabilities Act of 1990 (42 U.S.C. § 12132) and the Ralph M. Brown Act (California Government Code § 54954.2). Persons requesting a disability related modification or accommodation in order to participate in the meeting should contact the Orange County Mosquito and Vector Control District at (714-971-2421), during regular business hours, at least twenty-four hours prior to the time of the meeting."

"Materials related to an item on the Agenda submitted after distribution of the agenda packet are available for public inspection in the District Office located at Orange County Mosquito and Vector Control District offices, 13001 Garden Grove Blvd., Garden Grove, CA 92843 during normal business hours."

C. PRESENTATIONS

- 1. PRESENTATION OF OCMVCD POSTERS PRESENTED AT MVCAC ANNUAL CONFERENCE**
- 2. HIGH RISK 9 (HR9) CITIES IN ORANGE COUNTY**
- 3. OCMVCD INTEGRATED WORKFLOW SOLUTION**

D. OCMVCD COMMITTEE REPORTS TO THE BOARD OF TRUSTEES

1. [POLICY AND PERSONNEL COMMITTEE](#)
2. [BUDGET AND FINANCE COMMITTEE](#)
3. [OPERATIONS COMMITTEE](#)



**POLICY AND PERSONNEL COMMITTEE
MEETING NOTICE
MAY 18, 2017
1:00 P.M.**

TO: Policy and Personnel Committee
Lynn Schott (Chair) Irvine
Toni Iseman Laguna Beach
Barbara Kogerman Laguna Hills
Shari Horne Laguna Woods
April Josephson Rancho Santa Margarita
Jim Dahl San Clemente
Sandra Massa-Lavitt Seal Beach
Bill Nelson Villa Park
Lilly Simmering County of Orange

FROM: Tawnia Pett, Executive Assistant/Clerk of the Board

RE: Policy and Personnel Committee Meeting:
1:00 p.m., Thursday May 18, 2017
Orange County Mosquito and Vector Control District
13001 Garden Grove Blvd., Garden Grove, CA

AGENDA

1. Call Meeting to Order and Roll Call
2. Public Comments
3. Approve minutes from March 16, 2017 committee meeting
4. **Closed Session:** Conference with Labor Negotiators – Government Code 54957.6
Designated representative: Rick Howard. Employee organization: Non-represented management staff
5. **Open Session:** Report of any required disclosures of action in closed session
6. Discuss New Staff Positions in the FY 2017-18 District Budget (Agenda Item F.1)
7. Discuss Updated Travel Policy (Agenda Item F.3)

Adjourn

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MINUTES OF POLICY AND PERSONNEL COMMITTEE MEETING

Orange County Mosquito and Vector Control District

TIME: 1:30 P.M., March 16, 2017

PLACE: 13001 Garden Grove Blvd., Garden Grove, CA 92843

Policy and Personnel Committee Members Present:

Barbara Kogerman	Laguna Hills
April Josephson	Rancho Santo Margarita
Shari L. Horne	Laguna Woods
Jim Dahl	San Clemente
Sandra Massa-Lavitt	Seal Beach
Bill Nelson	Villa Park

Policy and Personnel Committee Members Absent:

Lynn Schott	Irvine
Lily Simmering	County of Orange
Toni Iseman	Irvine

Others Present:

Alan R. Burns	District Counsel
Irwin B. Bornstein	Certified Public Accountant

Staff Members Present:

Richard Howard	District Manager
Christina Pacific	Human Resource Analyst
Elizabeth Escobar	Administrative Assistant

The meeting was called to order at 1:41 P.M.

- 1. Select Committee Chair:** Trustee Lynn Schott was nominated to Committee Chair. On motion by Trustee Josephson, seconded by Trustee Dahl and passed by majority vote.
- 2. Public Comments:** None
- 3. Approve minutes from December 15, 2016 committee meeting:** On motion by Trustee Kogerman, seconded by Trustee Josephson and passed by majority vote the Minutes of December 15, 2016 committee meeting were approved.

4. **Review Proposed of Travel Policy:** District Manager Richard Howard spoke to committee members regarding the changes in the Travel Policy. The committee approved to move forward and present the resolution to the board.

5. **Discuss Retention of Seasonal Employees:** District Manager Rick Howard recommended placing all seasonal employees in PERS after thousand hours are passed. The committee approved to move forward and present the resolution to the board.

6. **Closed Session:** Conference with Labor Negotiations- Government Code 54957.6
Designated representative: Rick Howard. Employee organization: Non-represented management staff.

7. **Open Session:** Report of any required disclosures of action in closed session

8. **Adjourn:** Meeting adjourned at 2:28 P.M.

ee



**BUDGET AND FINANCE COMMITTEE
MEETING NOTICE
MAY 18, 2017
2:00 P.M.**

TO: Budget and Finance Committee

Mike Posey	Huntington Beach
James Gomez	La Habra
Barbara Kogerman	Laguna Hills
John Mark Jennings	Laguna Niguel
Scott Voigts	Lake Forest
Scott Peotter	Newport Beach
Jim Dahl	San Clemente
Bill Nelson (Chair)	Villa Park
Lilly Simmering	County of Orange

FROM: Tawnia Pett, Executive Assistant/Clerk of the Board

RE: Budget and Finance Committee Meeting:
2:00 p.m., Thursday, May 18, 2017
Orange County Mosquito and Vector Control District
13001 Garden Grove Blvd., Garden Grove, CA

AGENDA

1. Call Meeting to Order and Roll Call
2. Public Comments
3. Approve Minutes from April 18 and 20, 2017 Meeting
4. Discuss Fiscal Year 2017-18 Budget ([Agenda Item F.1](#))
5. Discuss Benefit Assessment District 1 and 2 ([Agenda Item F.2](#))

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MINUTES OF THE BUDGET AND FINANCE COMMITTEE MEETING

Orange County Mosquito and Vector Control District

TIME: 11:00 A.M., April 18, 2017

PLACE: 13001 Garden Grove Blvd., Garden Grove, CA 92843

Budget and Finance Committee Members Present:

Mike Posey	Huntington Beach
Barbara Kogerman	Laguna Hills
John Mark Jennings	Laguna Niguel
Scott Voigts	Lake Forest
Scott Peotter	Newport Beach
Jim Dahl	San Clemente
Bill Nelson (Chair)	Villa Park

Budget and Finance Committee Members Absent:

James Gomez	La Habra
Lilly Simmering	County of Orange

Others Present:

Sandra Wheeler	Investment Officer, Wells Fargo Advisor
Catherine Hobbs	Investment Officer, Wells Fargo Advisor

Staff Members Present:

Rick Howard	District Manager
Tawnia Pett	Executive Assistant/Administrative Clerk of the Board
Terry Pospisil	Accounting Specialist

Chairperson, Bill Nelson called the meeting to order at 11:08 A.M.

1. **Call Meeting to Order and Roll Call:**
2. **Public Comments:** No public comments.
3. **Presentation on Long Term and Short Term Investment Strategies by Wells Fargo Advisors and CalTRUST:** CalTRUST was not in attendance. On a motion by Trustee , Jennings seconded by Trustee Voight, and passed by unanimous vote, Chairperson Nelson continued this item to the next meeting of the Committee on May 18, 2017.
4. **Adjourn:** Meeting adjourned at 12:20 p.m.

MINUTES OF THE BUDGET AND FINANCE COMMITTEE MEETING

Orange County Mosquito and Vector Control District

TIME: 1:07 A.M., April 20, 2017

PLACE: 13001 Garden Grove Blvd., Garden Grove, CA 92843

Budget and Finance Committee Members Present:

Barbara Kogerman	Laguna Hills
John Mark Jennings	Laguna Niguel
Scott Voigts	Lake Forest
Scott Peotter	Newport Beach
Bill Nelson (Chair)	Villa Park

Budget and Finance Committee Members Absent:

Mike Posey	Huntington Beach
James Gomez	La Habra
Jim Dahl	San Clemente
Lilly Simmering	County of Orange

Staff Members Present:

Rick Howard	District Manager
Larry Shaw	Director of Operations
Luan Ngo	IT Analyst
Wendy Goodson	Director of Administrative Services
Debi Kimball	Accounting Supervisor
Mary Joy Coburn	Public Affairs Coordinator
Hester Petropoulos	Education Coordinator
Terry Pospisil	Accounting Specialist

Chairperson, Bill Nelson called the meeting to order at 1:07 P.M.

- 1. Call Meeting to Order and Roll Call:**
- 2. Public Comments:** No public comments.
- 3. Approve Minutes from March 16, 2017 Meeting:** On motion by Trustee Jennings, seconded by Trustee Kogerman, and passed by majority vote the Minutes from the March 16, 2017 committee meeting were approved.
- 4. Discussion on possible funding for a window-screening program for Orange County residents:** Table item; no window-screening company found.
- 5. Discuss Authorization to Purchase Information Technology Network Server Equipment for Virtualization Project Initiative (Agenda Item E.5):** On motion by Trustee Voigts, seconded by Trustee Jennings, and passed by majority vote the committee agreed to move forward with the Virtualization Project Initiative.

6. **Discuss Adoption of Resolution No. 439 to Direct the Preparation of the Engineer's Report for FY 2017-18 for the OCMVCD, Vector Surveillance and Control Assessment (District No. 1) and the Mosquito, Fire Ant and Disease Control Assessment District (District No. 2) (Agenda Item E.4):** On motion by Trustee Voigts, seconded by Trustee Jennings, and passed by majority vote the committee were in agreement to recommend to the Board to move forward with the Adoption of Resolution No. 439.
7. **Discuss 2017-18 Budget:** Presentation to the committee by Rick Howard and Debi Kimball; no action taken.
8. **Adjourn:** Meeting adjourned at 2:03 p.m.

tp



**OPERATIONS COMMITTEE
MEETING NOTICE
MAY 18, 2017
2:00 P.M.**

TO: Operations Committee

Phillip Tsunoda	Aliso Viejo
Cecilia Hupp	Brea
Sandra Genis	Costa Mesa
James Gomez (Chair)	La Habra
Craig Green	Placentia
Pam Patterson	San Juan Capistrano
Sergio Contreras	Westminster

FROM: Tawnia Pett, Executive Assistant/Clerk of the Board

RE: Operations Committee Meeting:
2:00 p.m., Thursday, May 18, 2017
Orange County Mosquito and Vector Control District
13001 Garden Grove Blvd., Garden Grove, CA

AGENDA

1. Call Meeting to Order and Roll Call
 2. Public Comments
 3. Update High Risk 9 Progress (Agenda Item C.2)
 4. Update of Door-to-Door Teams Program
 5. Update on 2017 Mosquito Control Operations in Orange County
 6. Adjourn
- tep

E. CONSENT CALENDAR

All matters listed under the CONSENT CALENDAR are considered by the District to be routine and will be enacted by one motion. Any member of the Board may pull an item from the Consent Calendar for additional clarification of action.

1. **APPROVAL OF DRAFT MINUTES FOR THE REGULAR MEETING OF APRIL 20, 2017**
2. **APPROVE WARRANT REGISTER FOR THE PERIOD APRIL 1 TO APRIL 30, 2017 (EXHIBIT A)**
3. **APPROVE MONTHLY FINANCIAL REPORT FOR APRIL 2017**
4. **FEDERAL DISASTER ASSISTANCE – JANUARY 2017 FLOODING DECLARATION (DR-4305) (EXHIBIT A)**

MINUTES OF THE 845th MEETING

BOARD OF TRUSTEES Orange County Mosquito and Vector Control District

TIME: 3:00 P.M. April 20, 2017

PLACE: 13001 Garden Grove Blvd., Garden Grove, CA 92843

TRUSTEES PRESENT:

PRESIDENT:	Barbara Kogerman	Laguna Hills
VICE-PRESIDENT:	Lucille Kring	Anaheim
SECRETARY:	Cheryl Brothers	Fountain Valley

Aliso Viejo	Philip Tsunoda	Laguna Woods	Shari Horne
Anaheim	Lucille Kring	Lake Forest	Scott Voigts
Brea	Cecilia Hupp	Los Alamitos	Warren Kusumoto
Buena Park	Michael Davis	Mission Viejo	Dave Leckness
Costa Mesa	Sandra Genis	Newport Beach	Scott Peotter
Cypress	Stacy Berry	Placentia	Craig Green
Fountain Valley	Cheryl Brothers	Rancho Santa Margarita	April Josephson
Fullerton	Jennifer Fitzgerald	San Juan Capistrano	Pam Patterson
Garden Grove	Stephanie Klopfenstein	Santa Ana	Cecilia Aguinaga
Huntington Beach	Mike Posey	Seal Beach	Sandra Massa-Lavitt
La Habra	James Gomez	Stanton	Al Ethans
La Palma	Marshall Goodman	Tustin	Letitia Clark
Laguna Beach	Toni Iseman	Villa Park	Bill Nelson
Laguna Hills	Barbara Kogerman	Yorba Linda	Peggy Huang
Laguna Niguel	John Mark Jennings	County of Orange	Lilly Simmering

TRUSTEES ABSENT:

Dana Point	Richard Viczorek	Irvine	Lynn Schott
Orange	Michael Alvarez	San Clemente	Jim Dahl
Westminster	Sergio Contreras		

*Trustees Viczorek, Schott, Dahl, and Contreras had an Excused Absence

OTHERS PRESENT:

Rick Howard, District Manager
Lawrence Shaw, Director of Operations
Robert Cummings, Director Scientific Technical Services
Tawnia Pett, Executive Assistant/Clerk of the Board
Dana Zamora, Operations Specialist
Mary Joy Coburn, Public Affairs Coordinator
Alan Burns, District Counsel

A. Opening:

1. **Call the Business Meeting to Order:** President Kogerman called the meeting to order at 3:01 P.M.
2. **Pledge of Allegiance:** President Kogerman asked Al Ethans to lead the Pledge of Allegiance.
3. **Roll Call:** Roll call indicated 28 Trustees were present with Trustees Tsunoda and Josephson arriving late to bring the total to 30 out of the current Board membership of 35.
4. **Late/Other Communications:** None.

- B. Public Comments:** Five (5) members of the public spoke. Two (2) spoke opposing the recent helicopter adulticiding treatment and their concern for their children & family members with auto immune system issues, one (1) spoke about their concern that OCMVCD's Public Outreach Program is lacking and that the District should step up their outreach efforts, one (1) spoke opposing aerial applications of pesticide due to the harm it can cause bees and other insects, and one (1) spoke about Zika and St. Louis Encephalitis in Orange County and the lack there of.

After these five comments, President Kogerman asked how many members of the public wished to speak and asked how many trustees had to leave by 5 pm. In order to continue with District business, President Kogerman announced that the rest of the comments would be heard at agenda item F.2. One member of the public proceeded to the lectern to comment. President Kogerman advised the speaker that she was out of order. At 3:20 pm, President Kogerman called a recess to restore order to the meeting. The meeting resumed at 3:23 pm.

C. Presentations:

1. Presentation of OCMVCD Posters Presented at MVCAC Annual Conference: Moved to May board meeting.

D. OCMVCD Committee Reports to the Board of Trustees:

1. Executive Committee: Committee will be establishing goals for the District Manager and will bring them to the full board at the meeting in May.
2. Budget and Finance Committee: Committee Chair Nelson reported. Wells Fargo provided the Committee with a presentation regarding long-term investment options. Wells Fargo will be coming back at the next Committee Meeting with recommendations on the amount of money to invest long term and medium term.
3. Operations Committee: Deferred to Item F2.
4. Legislative Committee: Committee Chair Kusumoto reported that the Committee discussed AB527 and the committee is recommending that the board of trustees approve it. The Committee also discussed AB718 and provided direction to staff on how to proceed.

E. Consent Calendar: Items for Approval by General Consent

On motion from Trustee Voigts, seconded by Trustee Aguinaga, and passed by unanimous vote, the Board of Trustees approved Consent Calendar Items 2, 3, 5-6. Agenda Item E.1 was passed by majority vote due to absences at the previous Board Meeting (Abstained: Trustees Tsunoda, Fitzgerald, and Aguinaga)

Ayes: Trustees Tsunoda, Kring, Hupp, Davis, Genis, Berry, Brothers, Fitzgerald, Klopfenstein, Posey, Gomez, Goodman, Iseman, Kogerman, Jennings, Horne, Voigts, Kusumoto, Leckness, Peotter, Green, Josephson, Patterson, Aguinaga, Massa-Lavitt, Ethans, Clark, Nelson, Huang, and Simmering.

Noes: None.

Abstained: None.

Absent: Trustees Viczorek, Schott, Alvarez, Dahl, and Contreras.

1. **Approval of Minutes:** Approved, without reading, the Minutes of the 844th Meeting of the Board of Trustees held March 16, 2017 enclosed as a separate item with the agenda.
 2. **Approved Warrant Register for the Period March 1 to March 31, 2017: (Exhibit A)**
Received and filed payment of warrant register (Exhibit A) dated April 20, 2017 in the amount of \$471,451.09 as presented by in-house check runs dated March 2, 9, 14, 16, 20, 22, 27 and 30, 2017.
 3. **Approved Monthly Financial Report for March 2017: (Exhibit A)**
Received and filed.
 4. **Adopted Resolution No. 439 to Direct the Preparation of the Engineer's Reports for Fiscal Year 2017-18 for the Orange County Mosquito and Vector Control District, Vector Surveillance and Control Assessment (District No. 1) and the Mosquito, Fire Ant and Disease Control Assessment (District No. 2) (Exhibit A):** The Board adopted Resolution No.439 (Exhibit A) to direct SCI Consulting Group to prepare the Engineer's Reports for both the Orange County Mosquito and Vector Control District, Vector Surveillance and Control Assessment District (District No. 1), and the Mosquito, Fire Ant and Disease Control Assessment (District No. 2) for fiscal year 2017-18.
 5. **Authorized to Purchase Information Technology Network and Server Equipment for Virtualization Project Initiative:** Authorized the District Manager to issue a purchase Order and execute all purchase documents to effectuate the purchase of two (2) switches, two (2) servers, one (1) SAN (storage attached network) from PCMG.com for a total cost of \$38,910.
- F. **Business and Action Items:**
1. **Adopted Resolution No. 440 supporting AB 527 (Caballero) amending Sections 11901, 11902, 11905, and 11910 of the Food and Agricultural Code:** On motion from Trustee Kusumoto, seconded by Trustee Voigts, and approved by unanimous vote, the Board of Trustees voted to support California Assembly Bill 527 amending Sections 11901, 11902, 11905, and 11910 of the Food and Agricultural Code, relating to pest control operations.

Ayes: Trustees Tsunoda, Kring, Hupp, Davis, Genis, Berry, Brothers, Fitzgerald, Klopfenstein, Posey, Gomez, Goodman, Iseman, Kogerman, Jennings, Horne, Voigts, Kusumoto, Leckness, Peotter, Green, Josephson, Patterson, Aguinaga, Massa-Lavitt, Ethans, Clark, Nelson, Huang, and Simmering.

Noes: None.

Abstained: None.

Absent: Trustees Viczorek, Schott, Alvarez, Dahl, and Contreras.
 2. **Authorize Protocol for Initiating an Aerial Adulticide Campaign:** Twelve (12) members of the public spoke against aerial spraying and urged the Board of Trustees to not give up their vote and to have the whole board of 35 members vote on whether to aerial spray or not. The Operations Committee's recommendation the board was to create a standing committee consisting of the following members: three (3) members of the executive committee, the chairs of the Operations Committee, Public Relations Committee, as well as the Trustees representing those effected city or cities in the aerial spray zone. The majority of those eligible to vote will constitute a quorum, and the majority of those present and voting will be how that vote gets decided to authorize protocol for initiating an Aerial Adulticiding Campaign. Trustee Nelson proposed a substitute motion and Trustee Genis made a substitute motion of the substitute motion. Following Rosenberg's Rules of Order, the substitute motion of the substitute motion was voted on first.

On a substitute motion of the substitute motion by Trustee Nelson, put forth by Trustee Genis, seconded by Trustee Huang the board voted against creating a standing committee consisting of three members of the executive committee, the chairs of the Operations Committee, Public Relations Committee, and the Trustees representing those effected city or cities and the adjacent jurisdictions.

Ayes: Trustees Genis, Patterson, and Huang.

Noes: Trustees Tsunoda, Kring, Hupp, Davis, Berry, Brothers, Fitzgerald, Klopfenstein, Posey, Gomez, Goodman, Iseman, Kogerman, Jennings, Horne, Kusumoto, Leckness, Peotter, Green, Josephson, Aguinaga, Clark, Nelson and Simmering

Abstained: None.

Absent: Trustees Viczorek, Schott, Voigts, Alvarez, Dahl, Massa-Lavitt, Ethans and Contreras.

On a substitute motion from Trustee Nelson, seconded by Trustee Berry the board voted on allowing the full board of thirty-five (35) members to authorize protocol for initiating an Aerial Adulticiding Campaign

Ayes: Trustees Tsunoda, Hupp, Genis, Berry, Klopfenstein, Goodman, Iseman, Jennings, Horne, Kusumoto, Leckness, Peotter, Green, Josephson, Aguinaga, Clark, Nelson, Huang and Simmering.

Noes: Trustees Kring, Davis, Brothers, Fitzgerald, Posey, Gomez, Kogerman and Patterson.

Abstained: None.

Absent: Trustees Viczorek, Schott, Voigts, Alvarez, Dahl, Massa-Lavitt, Ethans and Contreras.

G. Informational Items Only (NO ACTION NECESSARY):

1. **Staff Presentation:** Director of Scientific Technical Services Cummings gave an update on the recent vector activity in Orange County.
2. **Staff Presentation:** Robert Cummings, Director of Scientific Technical Services, gave an update about the District's Aedes Response Plan (**Exhibit A**)
3. **Budget Presentation Special Meetings: May 9 and 11, 2017**
4. **Report of District Activities:** Received and filed.

H. President's Report and Trustee Comments: President Kogerman reported that she attended the MVCAC Annual Conference in San Diego. Her Trustee attendance report was included in the agenda.

I. District Manager's Report:

- 1) Next month there will be a more in depth presentation and update on the District's HR9 program.
- 2) The District would like to transition the board from paper agenda packets to electronic versions within the next few months.

J. District Legal Counsel Report: None

K. Correspondence: Staff and Trustee Reports from MVCAC Annual Conference Attended in March

L. Future Agenda Items: None

M. Adjournment:

1. President Kogerman adjourned the meeting at 4:55 p.m. to the next regularly scheduled meeting on Thursday, May 18, 2017.

I certify that the above minutes substantially reflect the actions taken by the Board of Trustees at its meeting held April 20, 2017



Richard Howard, District Manager

Approved as written and/or corrected by the Board of Trustees at its _____
_____ meeting held _____

ATTEST: _____
Cheryl Brothers, Secretary



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

May 18, 2017

AGENDA REPORT

AGENDA ITEM # E.2

Prepared By: Terry Pospisil, Accounting Specialist
Submitted By: Rick Howard, District Manager

Agenda Title:

Warrant Register for April 2017

Recommended Action:

Receive and file.

Executive Summary:

Receive and file payment of warrant register ([Exhibit A](#)) dated May 18, 2017 in the amount of \$457,307.58 as presented by in-house check runs dated April 5, 13, 18, 19, 20, 22, 27, and 30, 2017.

Fiscal Impact:

Amount Requested \$ N/A

Sufficient Budgeted Funds Available:

Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item:

Exhibits:

[Exhibit A: April Warrant Report](#)

ORANGE COUNTY MOSQUITO & VECTOR CONTROL DISTRICT

REGISTER OF DEMANDS

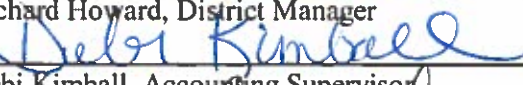
MAY 18, 2017

ACCOUNTS PAYABLE REGISTER

A/P Check Run Date 04/13/2017	124,209.05
A/P Check Run Date 04/20/2017 (Avalos)	934.03
A/P Check Run Date 04/27/2017	61,660.82
A/P Check Run CalPERS Remittance 04/27/2017	8,518.00
Medicare Premium Allow. Reimb. (May) 04/30/2017	1,783.27
Retiree Medical Allow. Reimb. (May) 04/30/2017	2,774.55
Trustee-in-Lieu (Apr) 04/30/2017	2,900.00
P/R CalPERS Retirement 04/05/17	53,588.74
P/R CalPERS Health Remittance 04/05/17	29,053.41
P/R EDD Remittance 04/05/17	8,264.32
P/R EE ASSOC Remittance 04/05/17	870.00
P/R ICMA Remittance 04/05/17	14,785.19
P/R IRS Remittance 04/05/17	30,783.95
P/R Nationwide Remittance 04/05/17	3,995.00
P/R TASC Remittance 04/05/17	2,242.28
P/R PARS Remittance 04/05/17	911.70
P/R Colonial Remittance 04/05/17	228.61
P/R Guardian Remittance 04/05/17	11,581.52
P/R VSP Remittance 04/05/17	1,020.36
P/R ICMA Remittance 04/18/17	14,445.19
P/R Nationwide Remittance 04/18/17	3,995.00
P/R PARS Remittance 04/18/17	1,748.01
P/R EE ASSOC Remittance 04/18/17	870.00
P/R TASC Remittance 04/18/17	2,242.28
P/R CalPERS Retirement 04/18/17	5,404.66
P/R EDD Remittance 04/18/17	8,261.06
P/R IRS Remittance 04/18/17	28,919.31
P/R STATE DISBURSEMENT 04/18/17	663.01
P/R CalPERS1 Remittance 04/22/17	29,003.84
P/R Colonial Remittance 04/19/17	228.61
P/R Guardian Remittance 04/19/17	1,398.04
P/R VSP Remittance 04/19/17	23.77
TOTAL	457,307.58

I hereby certify that the claims or demands covered by the foregoing listed warrants have been audited as to accuracy and availability of funds for payment thereof. Subscribed and sworn on this eighteenth day of May 2017, by:


Richard Howard, District Manager


Debi Kimball, Accounting Supervisor


Terry Pospisil, Accounting Specialist

Accounts Payable

Checks by Date - Detail by Check Date

User: tpospisil
 Printed: 5/2/2017 4:02 PM



O.C. MOSQUITO AND VECTOR CONTROL DISTRICT
 13001 GARDEN GROVE BLVD.
 GARDEN GROVE, CA 92843

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	CalPERS	Calif. Public Employees' Retirement	04/05/2017	
		PR Batch 00001.04.2017 Anthem HMO Select	PR Batch 00001.04.2017 Antl	403.82
		PR Batch 00001.04.2017 Kaiser OC	PR Batch 00001.04.2017 Kais	452.21
		PR Batch 00001.04.2017 Anthem HMO Select	PR Batch 00001.04.2017 Antl	6,441.01
		PR Batch 00001.04.2017 Blue Shield OC	PR Batch 00001.04.2017 Blus	1,057.39
		PR Batch 00001.04.2017 Kaiser LA	PR Batch 00001.04.2017 Kais	15.33
		PR Batch 00001.04.2017 United Health Care	PR Batch 00001.04.2017 Unit	105.34
		PR Batch 00001.04.2017 United Health Care - A	PR Batch 00001.04.2017 Unit	5,496.31
		PR Batch 00001.04.2017 Blue Shield - Suppl Be	PR Batch 00001.04.2017 Blus	12,848.19
		PR Batch 00001.04.2017 Kaiser - Suppl Bene	PR Batch 00001.04.2017 Kais	16,520.11
		PR Batch 00001.04.2017 Pers Choice OC	PR Batch 00001.04.2017 Pers	353.36
		PR Batch 00001.04.2017 Pers PPO - Suppl Bene	PR Batch 00001.04.2017 Pers	6,081.76
		PR Batch 00001.04.2017 Health Net Supp Bene	PR Batch 00001.04.2017 Hea	3,383.85
		PR Batch 00001.04.2017 Blue Shield LA	PR Batch 00001.04.2017 Blus	430.06
Total for this ACH Check for Vendor CalPERS:				53,588.74
ACH	CalPERS1	CalPERS	04/05/2017	
		PR Batch 00001.04.2017 CalPERS EE Tier 1	PR Batch 00001.04.2017 Call	9,081.61
		PR Batch 00001.04.2017 CalPERS ER Tier 2 Cl	PR Batch 00001.04.2017 Call	623.17
		PR Batch 00001.04.2017 CalPERS EE Tier 2	PR Batch 00001.04.2017 Call	609.34
		PR Batch 00001.04.2017 CalPERS PEPRA	PR Batch 00001.04.2017 Call	3,495.19
		PR Batch 00001.04.2017 Pers Employer	PR Batch 00001.04.2017 Pers	11,520.67
		PR Batch 00001.04.2017 Survivor Benefit 1959	PR Batch 00001.04.2017 Surv	57.66
		PR Batch 00001.04.2017 CalPERS ER PEPRA	PR Batch 00001.04.2017 Call	3,665.77
Total for this ACH Check for Vendor CalPERS1:				29,053.41
ACH	EDD	Employment Development Dept.	04/05/2017	
		PR Batch 00001.04.2017 State Disability Insurat	PR Batch 00001.04.2017 Stat	156.89
		PR Batch 00001.04.2017 State Tax Withheld	PR Batch 00001.04.2017 Stat	7,200.12
		PR Batch 00001.04.2017 Unemployment Insurat	PR Batch 00001.04.2017 Unc	907.31
Total for this ACH Check for Vendor EDD:				8,264.32
ACH	EEASSOC	OCVCD Employee Association	04/05/2017	
		PR Batch 00001.04.2017 OCVCD	PR Batch 00001.04.2017 OC	870.00
Total for this ACH Check for Vendor EEASSOC:				870.00
ACH	ICMA	ICMA	04/05/2017	
		PR Batch 00001.04.2017 ICMA Loan 9	PR Batch 00001.04.2017 ICM	405.72
		PR Batch 00001.04.2017 ICMA Loan 8	PR Batch 00001.04.2017 ICM	223.83
		PR Batch 00001.04.2017 ICMA Loan 5	PR Batch 00001.04.2017 ICM	634.29
		PR Batch 00001.04.2017 ICMA Def Comp - EE	PR Batch 00001.04.2017 ICM	7,451.67
		PR Batch 00001.04.2017 ICMA Loan 2	PR Batch 00001.04.2017 ICM	965.03
		PR Batch 00001.04.2017 ICMA Def Comp - ER	PR Batch 00001.04.2017 ICM	5,030.00
		PR Batch 00001.04.2017 ICMA Loan 1	PR Batch 00001.04.2017 ICM	74.65

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for this ACH Check for Vendor ICMA:				14,785.19
ACH	IRS	Internal Revenue Service	04/05/2017	
		PR Batch 00001.04.2017 Fed Tax Withholding	PR Batch 00001.04.2017 Fed	24,300.13
		PR Batch 00001.04.2017 Medicare ER Match	PR Batch 00001.04.2017 Mec	3,241.91
		PR Batch 00001.04.2017 Medicare Withheld	PR Batch 00001.04.2017 Mec	3,241.91
Total for this ACH Check for Vendor IRS:				30,783.95
ACH	NATION	Nationwide Retirement Solutions	04/05/2017	
		PR Batch 00001.04.2017 NW Def Comp - ER	PR Batch 00001.04.2017 NW	1,605.00
		PR Batch 00001.04.2017 NW Def Comp - EE	PR Batch 00001.04.2017 NW	2,390.00
Total for this ACH Check for Vendor NATION:				3,995.00
ACH	TASC	Total Administrative Services Corp.	04/05/2017	
		PR Batch 00001.04.2017 TASC '17 DEP CARE	PR Batch 00001.04.2017 TAS	461.55
		PR Batch 00001.04.2017 TASC '17	PR Batch 00001.04.2017 TAS	1,780.73
Total for this ACH Check for Vendor TASC:				2,242.28
ACH	USB	U.S. Bank N.A. Minnesota	04/05/2017	
		PR Batch 00001.04.2017 Pub Agency Retire	PR Batch 00001.04.2017 Pub	911.70
Total for this ACH Check for Vendor USB:				911.70
20372	COLONIAL	Colonial Life & Accident Insurance Co	04/05/2017	
		PR Batch 00001.04.2017 Colonial Life Accident	PR Batch 00001.04.2017 Col	131.77
		PR Batch 00001.04.2017 Colonial Life Disability	PR Batch 00001.04.2017 Col	60.76
		PR Batch 00001.04.2017 Colonial Life Critical I	PR Batch 00001.04.2017 Col	36.08
Total for Check Number 20372:				228.61
20373	Guard	Guardian - Appleton	04/05/2017	
		PR Batch 00001.04.2017 Dental Benefit	PR Batch 00001.04.2017 Den	3,575.33
		PR Batch 00001.04.2017 Dental	PR Batch 00001.04.2017 Den	133.85
		PR Batch 00001.04.2017 Life Ins	PR Batch 00001.04.2017 Life	1,019.15
		PR Batch 00001.04.2017 Life AD&D Benefit	PR Batch 00001.04.2017 Life	1,310.07
		PR Batch 00001.04.2017 Short Term Disability	PR Batch 00001.04.2017 Sho	1,596.69
		PR Batch 00001.04.2017 AD&D	PR Batch 00001.04.2017 AD	57.10
		PR Batch 00001.04.2017 Long Term Disability	PR Batch 00001.04.2017 Lon	3,889.33
Total for Check Number 20373:				11,581.52
20374	VSP	Vision Service Plan	04/05/2017	
		PR Batch 00001.04.2017 Vision Benefit	PR Batch 00001.04.2017 Visi	996.57
		PR Batch 00001.04.2017 Vision	PR Batch 00001.04.2017 Visi	23.79
Total for Check Number 20374:				1,020.36
Total for 4/5/2017:				157,325.08
ACH	ARNOLD 03/28/17	Richard Arnold MVCAC ANNUAL CONFERENCE	04/13/2017	
Total for this ACH Check for Vendor ARNOLD:				96.52
ACH	BENNETT 2017-04-05	Stephen Bennett RESEARCH CONSULTATION	04/13/2017	
Total for this ACH Check for Vendor BENNETT:				500.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for this ACH Check for Vendor BENNETT:				500.00
ACH	FOGARTY 03/26-03/29/17	Carrie Fogarty MVCAC ANNUAL CONFERENCE	04/13/2017	170.79
Total for this ACH Check for Vendor FOGARTY:				170.79
ACH	JOZAN 2017-04	Martine Jozan-Work RESEARCH CONTRACT (APRIL)	04/13/2017	1,020.83
Total for this ACH Check for Vendor JOZAN:				1,020.83
ACH	KOGERMAN 03/26-03/29/17	Barbara D. Kogerman MVCAC ANNUAL CONFERENCE	04/13/2017	539.28
Total for this ACH Check for Vendor KOGERMAN:				539.28
ACH	PETT 03/26-03/29/17	Tawnia Pett MVCAC ANNUAL CONFERENCE	04/13/2017	12.89
Total for this ACH Check for Vendor PETT:				12.89
ACH	PRELESNK 03/26-03/29/17	Laura Krueger Prelesnik MVCAC ANNUAL CONFERENCE	04/13/2017	97.37
Total for this ACH Check for Vendor PRELESNK:				97.37
20375	ZEP 90002761917	Acuity Specialty Products, Inc. ZEP GLASS CLEANER & WAX (SHOP SUPP)	04/13/2017	203.41
Total for Check Number 20375:				203.41
20376	ADAPCO 109816 109818 110028 110029	ADAPCO, INC. BVA-2 Larvicide 275 GL TT Vectobac G (80 BAGS) Vectobac-G (80 Bags) Vectomax FG (40 Bags)	04/13/2017	7,301.14 8,930.32 8,930.32 14,615.63
Total for Check Number 20376:				39,777.41
20377	AGUINAGA 3-2017	X. Cecilia Aguinaga MARCH 2017 BOARD MEETING ATTENDAN	04/13/2017	100.00
Total for Check Number 20377:				100.00
20378	ALANS 692393 692396 692399	Alan's Lawn & Garden Center, Inc. CHAIN SAW CHAINS (SPECIAL SERVICES) 2 BACKPACK SPRAYERS (SPECIAL SERVIC REPLACEMENT PARTS FOR BACKPACK SI	04/13/2017	15.62 1,249.90 5.52
Total for Check Number 20378:				1,271.04
20379	AMBERWIC 47061	Amberwick Corporation DISPOSAL OF HAZARDOUS MATERIALS	04/13/2017	553.00
Total for Check Number 20379:				553.00
20380	ARIAS 03/26-03/29/17	Miguel Arias MVCAC ANNUAL CONFERENCE	04/13/2017	64.49
Total for Check Number 20380:				64.49

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
20381	AT T APR 1, 2017	AT T WHITE PAGE LISTING (APR)	04/13/2017	67.31
Total for Check Number 20381:				67.31
20382	AUBURN 05/17-05/18/17 05/17-05/18/17 05/17-05/18/17	Auburn University 2017 IMPORTED FIRE ANT & INVASIVE CO 2017 IMPORTED FIRE ANT & INVASIVE CO 2017 IMPORTED FIRE ANT & INVASIVE CO	04/13/2017	100.00 100.00 100.00
Total for Check Number 20382:				300.00
20383	BORNS 236	Irwin B. Bornstein FINANCIAL CONSULTING SERVICES (MAR	04/13/2017	718.75
Total for Check Number 20383:				718.75
20384	BRITO 03/28/17 04/12/17	Luis Brito MVCAC ANNUAL CONFERENCE SAFETY BOOT REIMBURSEMENT	04/13/2017	11.29 150.00
Total for Check Number 20384:				161.29
20385	BUI DAN 03/28/17	Danny Bui MVCAC ANNUAL CONFERENCE	04/13/2017	15.19
Total for Check Number 20385:				15.19
20386	CABELAS 62601629	CABELA'S INC. 2 PAIRS OF 2XL CHEST WADERS (SPECIAL	04/13/2017	234.93
Total for Check Number 20386:				234.93
20387	CDPH CE 05/18/17	Calif. Dept. of Public Health CE EXAM 05-18-17 (13)	04/13/2017	525.00
Total for Check Number 20387:				525.00
20388	CAGATE 95906	California Gate & Entry System MONTHLY PREVENTIVE MAINTENANCE (04/13/2017	123.75
Total for Check Number 20388:				123.75
20389	QLAN IN1002047	CBE Office Solutions ANNUAL SSL SECURITY CERTIFICATE	04/13/2017	149.99
Total for Check Number 20389:				149.99
20390	CDW-G HJW1773	CDW Government PLOTTER PHOTO PROOFING PAPER	04/13/2017	586.25
Total for Check Number 20390:				586.25
20391	CVMVCD 1522	Coachella Valley Mosquito & Vector Contr MOSQUITO FISH	04/13/2017	500.00
Total for Check Number 20391:				500.00
20392	COBURN 04/12/17	Mary-Joy Coburn Safety Boot Reimbursement	04/13/2017	121.21
Total for Check Number 20392:				121.21

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
20393	DELIRA A 03/26-03/29/17	Anthony De Lira MVCAC ANNUAL CONFERENCE	04/13/2017	52.57
Total for Check Number 20393:				52.57
20394	DINGMAN 03/28/17	Nathan Dingman MVCAC ANNUAL CONFERENCE	04/13/2017	14.52
Total for Check Number 20394:				14.52
20395	ECO 1228-7	Eco-Analysts CEQA- MARCH TASK FEES	04/13/2017	737.50
Total for Check Number 20395:				737.50
20396	RAPIDG 28156 28156	Eid Passport, Inc. RAPIDGATE PARTICIPANT RENEWAL FEE () RAPIDGATE PARTICIPANT RENEWAL FEE ()	04/13/2017	179.00 179.00
Total for Check Number 20396:				358.00
20397	ESELTINE 03/28/17	Matthew Eseltine MVCAC ANNUAL CONFERENCE	04/13/2017	96.30
Total for Check Number 20397:				96.30
20398	GK 1064449967 1064449968 1064449969 1064449969 1064449970 1064449971 1064449972 1064453834 1064453835 1064453836 1064453836 1064453837 1064453838 1064453839	G & K Services UNIFORMS - OPS SEASONALS FLOOR MATS UNIFORMS - VEH MAINT MAINT RAGS / SUPPLIES UNIFORMS - OPS UNIFORMS - LAB UNIFORMS - BLDG MAINT UNIFORMS - OPS SEASONALS FLOOR MATS MAINT RAGS / SUPPLIES UNIFORMS- VEH MAINT UNIFORMS - OPS UNIFORMS - LAB UNIFORMS - BLDG MAINT	04/13/2017	277.24 39.08 15.34 11.00 417.38 43.95 4.22 459.24 39.08 11.00 15.34 714.38 43.95 4.22
Total for Check Number 20398:				2,095.42
20399	GEIGER 3292008 3299376	Geiger REPELLANT WIPES MAG BUS CARDS	04/13/2017	3,968.70 8,728.19
Total for Check Number 20399:				12,696.89
20400	GONZALEZ 03/28/17	HECTOR GONZALEZ MVCAC ANNUAL CONFERENCE	04/13/2017	14.52
Total for Check Number 20400:				14.52
20401	GFS MAR-17	Governmental Financial Services ACCOUNTANT SERVICE (MAR)	04/13/2017	3,360.00
Total for Check Number 20401:				3,360.00
20402	GREENS 78394	Green's Discount Glass & Screens REPAIR & REPLACE WINDOW & VINYL (H	04/13/2017	455.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 20402:	455.00
20403	HARBOR 795751	Harbor Freight Tools GAS CAN & SUPPLIES FOR BOAT (SPECIAL)	04/13/2017	20.34
			Total for Check Number 20403:	20.34
20404	HARPER 03/01-03/31/17	Harper & Burns, LLP DISTRICT COUNSEL (MAR)	04/13/2017	4,313.20
			Total for Check Number 20404:	4,313.20
20405	HEARST C 03/28/17	Cory Hearst MVCAC ANNUAL CONFERENCE	04/13/2017	13.19
			Total for Check Number 20405:	13.19
20406	HILLS 58339	Hill's Bros. Lock & Safe, Inc. REKEY OF UNIT (HB#3 12912 & 12914)	04/13/2017	150.79
			Total for Check Number 20406:	150.79
20407	HOME DEP 0021237 0040064 0190883 0200508 0211286 1062432 1072996 1072996 1191611 2191531 2757277 3191469 4035367 4260375 5191954 7060668 8191063 9061778 9071783 9181924	Home Depot Credit Services Trap Building Supplies Lab Equip - Portable Doorbell w/Light Woodshop Tools Shelf Track Returned (#0021237) Parking Lot Repair Supplies Laundry Detergent Liquid Chlorine (2 EA) Fabrication Material/Outreach Booth Shelf Supplies/District Manager's Office Underbody Tool Box/2 EA (A4) IVM Office Construction Material (12892) FRF Supplies S-Biners (2 EA) General Cleaning Supplies (12886/12892) Batteries/Deodorant Dispensers IVM Office Construction Material (12892) Big Canyon Siphon Supplies Art Supplies IVM Office Paint Supplies	04/13/2017	361.10 43.07 31.24 321.79 -23.66 89.27 29.13 14.71 48.68 48.98 355.47 69.95 269.02 5.26 71.45 10.74 84.89 21.16 19.29 249.88
			Total for Check Number 20407:	2,121.42
20408	IRON NSN4750	Iron Mountain Records Mgmt, Inc. SHRED SVCS ORD #214062065	04/13/2017	69.13
			Total for Check Number 20408:	69.13
20409	HVAC 1002-171 1002-172	J & K Thomas Enterprises, Inc. HVAC MAINT AGREEMENT- QTR 2/2017 HVAC HBP MAINT AGREEMENT- QTR 2/20	04/13/2017	1,350.00 675.00
			Total for Check Number 20409:	2,025.00
20410	JAYS 0000219858	Jay's Catering CATERING FOR TYPHUS SYMPOSIUM	04/13/2017	450.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 20410:	450.00
20411	JUST 173978	JUST TIRES 4 TIRES (TRK# A2)	04/13/2017	571.57
			Total for Check Number 20411:	571.57
20412	KWEST 821749 821769	K'WEST Printing JOHN DREWS BUS CARDS KIDS HEADBANDS	04/13/2017	48.60 2,311.20
			Total for Check Number 20412:	2,359.80
20413	LIFE 71961621 71966724 71977666	Life Technologies MAGMAX TIP COMB & PLATE VARIOUS DETECTION PRIMERS TAQMAN PROBES	04/13/2017	923.26 296.69 626.46
			Total for Check Number 20413:	1,846.41
20414	LOPEZ O 03/28/17	Olga Lopez MVCAC ANNUAL CONFERENCE	04/13/2017	19.97
			Total for Check Number 20414:	19.97
20415	MVCAC 7328406 7328407	M.V.C.A.C. MVCAC CONF/LAB TECH INVASIVE SPEC. MVCAC CONF/LAB TECH INVASIVE SPEC.	04/13/2017	100.00 100.00
			Total for Check Number 20415:	200.00
20416	HASLER N6480963	MAIL FINANCE INC. 2ND QTR LEASE PMT (05/05/-08/04/17)	04/13/2017	566.36
			Total for Check Number 20416:	566.36
20417	MARTIN D 795608 795609	Daniel Martinez LANDSCAPE MAINT. (MAR-17) LANDSCAPE MAINT. HBP (MAR-17)	04/13/2017	400.00 175.00
			Total for Check Number 20417:	575.00
20418	MATAX 5934	MATAX LLC DISTRICT ASSESSMENT FEE / OCSF FY 16	04/13/2017	896.99
			Total for Check Number 20418:	896.99
20419	MCFADDEN 279281/5 279632/5	McFadden-Dale Industrial Hardware, LLC FAB. MATERIALS (SHOP) PARTS FOR UNDERGROUND SPRAY TRUC	04/13/2017	62.20 26.03
			Total for Check Number 20419:	88.23
20420	MORENO 03/28/17	Antonio J. Moreno MVCAC ANNUAL CONFERENCE	04/13/2017	15.60
			Total for Check Number 20420:	15.60
20421	MOREY 03/28/17	Nick Morey MVCAC ANNUAL CONFERENCE	04/13/2017	12.82

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 20421:	12.82
20422	NGUYEN 03/27-03/29/17	Kiet Nguyen MVCAC ANNUAL CONFERENCE	04/13/2017	298.42
			Total for Check Number 20422:	298.42
20423	OFFICE 2055926683	OFFICE DEPOT, INC. NEW TRUSTEE BINDER SUPPLIES	04/13/2017	149.22
			Total for Check Number 20423:	149.22
20424	OLIVAS 03/28/17	Teresa Olivas MVCAC ANNUAL CONFERENCE	04/13/2017	20.28
			Total for Check Number 20424:	20.28
20425	OC FIRE 298774	Orange County Fire Protection FIRE EXTINGUISHER SERV. CALL (ANNUA	04/13/2017	773.73
			Total for Check Number 20425:	773.73
20426	OREILLY 2837-445382 2837-446646 2837-446683 2837-447356 2837-447607 2837-448067 2837-448194 2837-448228 2837-449151 2837-449469 2837-449870 2837-449887 2837-449887 2837-451626 2837-451657 2837-452369 2837-452994 2837-453153 2837-454137 2837-457069	O'Reilly Auto Enterprises, LLC SEAT COVERS (TRK# 248/STOCK) COPPER PLUGS/PART (GOLF CARTS) 3 OIL FILTERS (STOCK) BULBS (STOCK PARTS) BATTERY (TRK# 245) MOTOR OIL (STOCK) & BATTERY (TRK# 2 CREDIT (ORIG. INVOICE# 2837-447607) BRAKE PADS & ROTORS (STOCK & TRK# 2 BRAKE PADS & ROTORS (TRK# 261) FLOOR MATS (TRK# 251) WELDING SUPPLIES (SHOP) SHOP SUPPLIES (SYRINGES) CREDIT (ORIG. INVOICE#2837-449870) BATTERY (TRK# 265) BATTERY (TRK# 230) STOCK PARTS & BRAKE CYL. (TRK# 232) BATTERY (TRK# 257) CREDIT (ORIG. INVOICE # 2837-452994) WHEEL ASSEMBLY (TRK# 232) BATTERY (TRK# 221))	04/13/2017	56.01 14.61 12.32 169.14 111.38 234.53 -18.00 211.28 124.04 32.31 64.55 17.22 -25.83 153.40 111.38 155.82 111.38 -18.00 93.09 113.49
			Total for Check Number 20426:	1,724.12
20427	ORVAC INV285421	ORVAC ELECTRONICS TRAP BUILDING SUPPLIES	04/13/2017	151.08
			Total for Check Number 20427:	151.08
20428	PR 10358896-00	P & R Paper Supply Company, Inc. JANITORIAL SUPP. (PAPER TOWELS & TOI	04/13/2017	472.42
			Total for Check Number 20428:	472.42
20429	PCMG R12983320101	PCMG, Inc. PRINTER FUSER KIT	04/13/2017	286.60
			Total for Check Number 20429:	286.60

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
20430	PETROP 03/26-03/29/17	Hester Petropoulos MVCAC ANNUAL CONFERENCE	04/13/2017	25.55
Total for Check Number 20430:				25.55
20431	PLUMMER 03/28/17	John Clark Plummer MVCAC ANNUAL CONFERENCE	04/13/2017	113.42
Total for Check Number 20431:				113.42
20432	PRAXAIR 76755452 76875040	Praxair Distribution, Inc DRY ICE (600 LBS) DRY ICE (600 LBS)	04/13/2017	446.04 446.04
Total for Check Number 20432:				892.08
20433	GG DISP 0676-002892784 0676-002893947	Republic Waste Svcs of So. Calif., LLC Disposal Services HBP - APR Disposal Services - APR	04/13/2017	702.32 446.35
Total for Check Number 20433:				1,148.67
20434	ROMO 03/28/17	Julie Romo MVCAC ANNUAL CONFERENCE	04/13/2017	19.80
Total for Check Number 20434:				19.80
20435	ROSS 03/28/17	Cynthia Ross MVCAC ANNUAL CONFERENCE	04/13/2017	96.52
Total for Check Number 20435:				96.52
20436	SABA 03/26-03/29/17	Mike Saba MVCAC ANNUAL CONFERENCE	04/13/2017	170.77
Total for Check Number 20436:				170.77
20437	SAMYS Q672378	Samy's Camera SANDBAGS	04/13/2017	206.56
Total for Check Number 20437:				206.56
20438	SAVAGE 03/28/17	John S. Savage MVCAC ANNUAL CONFERENCE	04/13/2017	16.26
Total for Check Number 20438:				16.26
20439	SCHORR 1654295 1655379	Schorr Metals FABRICATION MATERIAL (SHOP) BIG CANYON SIPHON SAFETY COVER	04/13/2017	3.02 51.54
Total for Check Number 20439:				54.56
20440	SHERWIN 3764-7 3855-3	Sherwin Williams SHOP PAINT SUPPLIES SHOP PAINT SUPPLIES	04/13/2017	85.22 66.29
Total for Check Number 20440:				151.51
20441	SMART 163373	Smart & Final Stores Corp DISTRICT SUPPLIES	04/13/2017	140.09

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 20441:	140.09
20442	SOKANARY 03/26-03/29/17	Sun Sokanary MVCAC ANNUAL CONFERENCE	04/13/2017	176.73
			Total for Check Number 20442:	176.73
20443	SCG 093111160090417	Southern Calif. Gas Co. NATURAL GAS	04/13/2017	14.30
			Total for Check Number 20443:	14.30
20444	SPARK 4117985040117	Sparkletts BOTTLED WATER SERVICE (MAR)	04/13/2017	136.18
			Total for Check Number 20444:	136.18
20445	SPEX S58092	SPEX SAMPLE PREP, LLC VIAL WITH CAP (20 HU)	04/13/2017	1,057.92
			Total for Check Number 20445:	1,057.92
20446	SBOE 24-300185 2016	State Board of Equalization STATE USE TAX 2016 (24-300185)	04/13/2017	3,491.00
			Total for Check Number 20446:	3,491.00
20447	STERI 3003785199	Stericycle, Inc. WASTE DISPOSAL (MAR)	04/13/2017	1,064.00
			Total for Check Number 20447:	1,064.00
20449	TARGET P10604107 P10606874 P10610555 P10610556	Target Specialty Products FIRE ANT BAIT (40 BAGS) ESTEEM RIFA BAIT (2 BAGS) RAT SNAP TRAPS (50 CASES) SIESTA RIFA BAIT (5 BAGS)	04/13/2017	8,919.97 439.87 761.80 981.88
			Total for Check Number 20449:	11,103.52
20450	OCREGNOT 02/01-02/28/17 03/14-03/15/17	The O. C. Register SUM OF NEW PURCHASING ORDINANCE PROJECT 2017 VIRTULIZATION RFP	04/13/2017	1,296.00 966.00
			Total for Check Number 20450:	2,262.00
20451	TT DEPOT 5600	The Technology Depot, Inc. 5 ADDITIONAL PHONES, EXT, MAILBOXES	04/13/2017	3,352.00
			Total for Check Number 20451:	3,352.00
20452	TCP 419848 419848 419848	Time Clock Plus EE Licenses Touch 400 Biometric Clock Hardware Support	04/13/2017	210.00 2,670.05 201.29
			Total for Check Number 20452:	3,081.34
20453	ULINE 85347945	Uline Shipping Supply Specialists SCOUT BALANCE SCALE	04/13/2017	446.84

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 20453:	446.84
20454	VERIZON 9782877713 9782877713 9782877713 9782877713 9782877713 9782877713 9782877713	Verizon Wireless Services LLC Bldg Maint Cellular Svc 2/27-03/26/17 IT Cellular Svc 2/27-03/26/17 Lab Cellular Svc 2/27-03/26/17 Exec Cellular Svc 2/27-03/26/17 Comm Cellular Svc 2/27-03/26/17 Ops Cellular Svc 2/27-03/26/17 Veh Maint Cellular Svc 2/27-03/26/17	04/13/2017	11.32 192.92 593.38 90.35 318.87 2,957.80 34.14
			Total for Check Number 20454:	4,198.78
20455	WESCO 69748	Western Scientific Co., Inc. MICROSCOPE MAINTENANCE	04/13/2017	1,225.00
			Total for Check Number 20455:	1,225.00
20456	WPA 4/28-04/30/17	World Pet Association, Inc. AMERICAN FAMILY PET EXPO	04/13/2017	700.00
			Total for Check Number 20456:	700.00
20457	XEROX 88697558 88697559 88761700	Xerox Corporation ADMIN COPIER LEASE (MAR) LAB COPIER LEASE (MAR) EXEC COPIER LEASE (MAR)	04/13/2017	293.39 241.08 328.64
			Total for Check Number 20457:	863.11
20458	ZAMORA 03/28/17	Dana Zamora-Bausa MVCAC ANNUAL CONFERENCE	04/13/2017	17.43
			Total for Check Number 20458:	17.43
			Total for 4/13/2017:	124,209.05
ACH	ICMA	ICMA PR Batch 00002.04.2017 ICMA Def Comp - EE PR Batch 00002.04.2017 ICMA Loan 9 PR Batch 00002.04.2017 ICMA Loan 8 PR Batch 00002.04.2017 ICMA Def Comp - ER PR Batch 00002.04.2017 ICMA Loan 2 PR Batch 00002.04.2017 ICMA Loan 5 PR Batch 00002.04.2017 ICMA Loan 1	04/18/2017 PR Batch 00002.04.2017 ICMA PR Batch 00002.04.2017 ICMA PR Batch 00002.04.2017 ICMA PR Batch 00002.04.2017 ICMA PR Batch 00002.04.2017 ICMA PR Batch 00002.04.2017 ICMA PR Batch 00002.04.2017 ICMA	7,251.67 405.72 223.83 4,890.00 965.03 634.29 74.65
			Total for this ACH Check for Vendor ICMA:	14,445.19
ACH	NATION	Nationwide Retirement Solutions PR Batch 00002.04.2017 NW Def Comp - ER PR Batch 00002.04.2017 NW Def Comp - EE	04/18/2017 PR Batch 00002.04.2017 NW PR Batch 00002.04.2017 NW	1,605.00 2,390.00
			Total for this ACH Check for Vendor NATION:	3,995.00
ACH	USB	U.S. Bank N.A. Minnesota PR Batch 00002.04.2017 Pub Agency Retire	04/18/2017 PR Batch 00002.04.2017 Pub	1,748.01
			Total for this ACH Check for Vendor USB:	1,748.01
ACH	EEASSOC	OCVCD Employee Association	04/18/2017	

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
		PR Batch 00002.04.2017 OCVCDEA	PR Batch 00002.04.2017 OC	870.00
		Total for this ACH Check for Vendor EEASSOC:		870.00
ACH	TASC	Total Administrative Services Corp.	04/18/2017	
		PR Batch 00002.04.2017 TASC '17 DEP CARE	PR Batch 00002.04.2017 TAS	461.55
		PR Batch 00002.04.2017 TASC '17	PR Batch 00002.04.2017 TAS	1,780.73
		Total for this ACH Check for Vendor TASC:		2,242.28
ACH	CalPERS	Calif. Public Employees' Retirement	04/18/2017	
		PR Batch 00002.04.2017 Kaiser OC	PR Batch 00002.04.2017 Kais	299.53
		PR Batch 00002.04.2017 Kaiser - Suppl Bene	PR Batch 00002.04.2017 Kais	1,199.08
		PR Batch 00002.04.2017 Perc Choice OC 2	PR Batch 00002.04.2017 Perc	113.42
		PR Batch 00002.04.2017 Blue Shield - Suppl Be	PR Batch 00002.04.2017 Blue	770.00
		PR Batch 00002.04.2017 Blue Shield LA	PR Batch 00002.04.2017 Blue	160.63
		PR Batch 00002.04.2017 Blue Shield OC	PR Batch 00002.04.2017 Blue	468.51
		PR Batch 00002.04.2017 Kaiser OC/2	PR Batch 00002.04.2017 Kais	152.67
		PR Batch 00002.04.2017 Pers PPO - Suppl Bene	PR Batch 00002.04.2017 Pers	633.46
		PR Batch 00002.04.2017 Blue Shield LA2	PR Batch 00002.04.2017 Blue	269.42
		PR Batch 00002.04.2017 Blue Shield OC 2	PR Batch 00002.04.2017 Blue	588.86
		PR Batch 00002.04.2017 Anthem HMO Select	PR Batch 00002.04.2017 Antl	331.50
		PR Batch 00002.04.2017 United Health Care	PR Batch 00002.04.2017 Unit	105.34
		PR Batch 00002.04.2017 Anthem HMO Select 2	PR Batch 00002.04.2017 Antl	72.31
		PR Batch 00002.04.2017 Pers Choice OC	PR Batch 00002.04.2017 Pers	239.93
		Total for this ACH Check for Vendor CalPERS:		5,404.66
ACH	EDD	Employment Development Dept.	04/18/2017	
		PR Batch 00002.04.2017 State Tax Withheld	PR Batch 00002.04.2017 Stat	6,317.18
		PR Batch 00002.04.2017 Unemployment Insur	PR Batch 00002.04.2017 Une	1,659.34
		PR Batch 00002.04.2017 State Disability Insur	PR Batch 00002.04.2017 Stat	284.54
		Total for this ACH Check for Vendor EDD:		8,261.06
ACH	IRS	Internal Revenue Service	04/18/2017	
		PR Batch 00002.04.2017 Medicare Withheld	PR Batch 00002.04.2017 Mec	3,255.54
		PR Batch 00002.04.2017 Fed Tax Withholding	PR Batch 00002.04.2017 Fed	22,408.23
		PR Batch 00002.04.2017 Medicare ER Match	PR Batch 00002.04.2017 Mec	3,255.54
		Total for this ACH Check for Vendor IRS:		28,919.31
ACH	STATE	STATE DISBURSEMENT UNIT	04/18/2017	
		PR Batch 00002.04.2017 CS Garnishment	PR Batch 00002.04.2017 CS	663.01
		Total for this ACH Check for Vendor STATE:		663.01
ACH	CalPERS1	CalPERS	04/18/2017	
		PR Batch 00002.04.2017 CalPERS ER PEPRA	PR Batch 00002.04.2017 Call	3,953.74
		PR Batch 00002.04.2017 CalPERS PEPRA	PR Batch 00002.04.2017 Call	3,769.74
		PR Batch 00002.04.2017 CalPERS ER Tier 2 Cl	PR Batch 00002.04.2017 Call	623.17
		PR Batch 00002.04.2017 CalPERS EE Tier 2	PR Batch 00002.04.2017 Call	609.34
		PR Batch 00002.04.2017 CalPERS EE Tier 1	PR Batch 00002.04.2017 Call	8,811.38
		PR Batch 00002.04.2017 Survivor Benefit 1959	PR Batch 00002.04.2017 Surv	58.59
		PR Batch 00002.04.2017 Pers Employer	PR Batch 00002.04.2017 Pers	11,177.88
		Total for this ACH Check for Vendor CalPERS1:		29,003.84
		Total for 4/18/2017:		95,552.36

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
20459	COLONIAL	Colonial Life & Accident Insurance Co	04/19/2017	
		PR Batch 00002.04.2017 Colonial Life Disabilit	PR Batch 00002.04.2017 Col	60.76
		PR Batch 00002.04.2017 Colonial Life Critical I	PR Batch 00002.04.2017 Col	36.08
		PR Batch 00002.04.2017 Colonial Life Accident	PR Batch 00002.04.2017 Col	131.77
			Total for Check Number 20459:	228.61
20460	Guard	Guardian - Appleton	04/19/2017	
		PR Batch 00002.04.2017 Life Ins	PR Batch 00002.04.2017 Life	898.99
		PR Batch 00002.04.2017 Life AD&D Benefit	PR Batch 00002.04.2017 Life	32.50
		PR Batch 00002.04.2017 Life Ins 2	PR Batch 00002.04.2017 Life	118.14
		PR Batch 00002.04.2017 DENTAL/2	PR Batch 00002.04.2017 DEP	83.95
		PR Batch 00002.04.2017 Dental Benefit	PR Batch 00002.04.2017 Den	90.09
		PR Batch 00002.04.2017 Dental	PR Batch 00002.04.2017 Den	49.85
		PR Batch 00002.04.2017 AD&D	PR Batch 00002.04.2017 AD&	57.10
		PR Batch 00002.04.2017 Long Term Disability	PR Batch 00002.04.2017 Lon	48.04
		PR Batch 00002.04.2017 Short Term Disability	PR Batch 00002.04.2017 Sho	19.38
			Total for Check Number 20460:	1,398.04
20461	VSP	Vision Service Plan	04/19/2017	
		PR Batch 00002.04.2017 Vision 2	PR Batch 00002.04.2017 Visi	17.98
		PR Batch 00002.04.2017 Vision	PR Batch 00002.04.2017 Visi	5.79
			Total for Check Number 20461:	23.77
			Total for 4/19/2017:	1,650.42
20462	AVALOS PP8 2017	Isabel L. Avalos PP8 Account / Poor Quality	04/20/2017	
				934.03
			Total for Check Number 20462:	934.03
			Total for 4/20/2017:	934.03
ACH	KOGERMAN 05/26-29/17	Barbara D. Kogerman MVCAC ANNUAL CONFERENCE	04/27/2017	
				78.01
			Total for this ACH Check for Vendor KOGERMAN:	78.01
ACH	BENNETT 1211950 0517	Stephen Bennett Retiree Medical Allowance (May '17)	04/27/2017	
				234.05
			Total for this ACH Check for Vendor BENNETT:	234.05
ACH	EDISON 5251937 0517	SUZANNE R. EDISON May '17 Medicare Premium Reimbursement	04/27/2017	
				242.00
			Total for this ACH Check for Vendor EDISON:	242.00
ACH	Goedhart 1241952 0517	Gerard Goedhart Retiree Medical Allowance (May '17)	04/27/2017	
				234.05
			Total for this ACH Check for Vendor Goedhart:	234.05
ACH	HEARST 2201947 0517	Michael Hearst Retiree Medical Allowance (May '17)	04/27/2017	
				434.05

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for this ACH Check for Vendor HEARST:				434.05
ACH	Huff 10121946 0517	Robert Huff Retiree Medical Allowance (May '17)	04/27/2017	234.05
Total for this ACH Check for Vendor Huff:				234.05
ACH	KELLER 851933 0517	JUSTINE KELLER May '17 Medicare Prem Reimbursement	04/27/2017	99.27
Total for this ACH Check for Vendor KELLER:				99.27
ACH	KOENIG 5281954 0517	Steve Koenig Retiree Medical Allowance (May '17)	04/27/2017	234.05
Total for this ACH Check for Vendor KOENIG:				234.05
ACH	MCCARTY 8231946 0517	Danny McCarty Retiree Medical Allowance (May '17)	04/27/2017	234.05
Total for this ACH Check for Vendor MCCARTY:				234.05
ACH	MONTANI 12311942 0517	Karen Montani May '17 Medicare Prem Reimbursement	04/27/2017	75.54
Total for this ACH Check for Vendor MONTANI:				75.54
ACH	PARSONS 5091949 0517	John Parsons Retiree Medical Allowance (May '17)	04/27/2017	234.05
Total for this ACH Check for Vendor PARSONS:				234.05
ACH	REES 6271929 0517	EARL REES May '17 Medicare Prem Reimbursement	04/27/2017	209.80
Total for this ACH Check for Vendor REES:				209.80
ACH	Rehders 5091948 0517	Renee Rehders Retiree Medical Allowance (May '17)	04/27/2017	234.05
Total for this ACH Check for Vendor Rehders:				234.05
ACH	Reynolds 711943 0517	Thomas Reynolds May '17 Medicare Prem Reimbursement	04/27/2017	46.12
Total for this ACH Check for Vendor Reynolds:				46.12
ACH	AGUINAGA 028/35 0417	X. Cecilia Aguinaga TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 SANTA ANA	100.00
Total for this ACH Check for Vendor AGUINAGA:				100.00
ACH	BERRY 006/35 0417	Stacy Berry TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 CYPRESS	100.00
Total for this ACH Check for Vendor BERRY:				100.00
ACH	BROTHERS 008/35 0417	Cheryl Brothers TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 FOUNTAIN VALLEY	100.00
Total for this ACH Check for Vendor BROTHERS:				100.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
ACH	DAVIS 004/35 0417	Michael Davis TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 BUENA PARK	100.00
Total for this ACH Check for Vendor DAVIS:				100.00
ACH	ETHANS 030/35 0417	Al Ethans TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 STANTON	100.00
Total for this ACH Check for Vendor ETHANS:				100.00
ACH	GENIS 005/35 0417	Sandra L. Genis TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 COSTA MESA	100.00
Total for this ACH Check for Vendor GENIS:				100.00
ACH	GOODMAN 014/35 0417	Marshall Goodman TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LA PALMA	100.00
Total for this ACH Check for Vendor GOODMAN:				100.00
ACH	GREEN C 024/35 0417	Craig S. Green TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 PLACENTIA	100.00
Total for this ACH Check for Vendor GREEN C:				100.00
ACH	HORNE 018/35 0417	Shari Lucas Horne TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LAGUNA WOODS	100.00
Total for this ACH Check for Vendor HORNE:				100.00
ACH	HUANG 034/35 0417	Peggy Huang TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 YORBA LINDA	100.00
Total for this ACH Check for Vendor HUANG:				100.00
ACH	HUPP 003/35 0417	Cecilia T. Hupp TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 BREA	100.00
Total for this ACH Check for Vendor HUPP:				100.00
ACH	JOSEPH 025/35 0417	April Josephson TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 RSM	100.00
Total for this ACH Check for Vendor JOSEPH:				100.00
ACH	KLOPFEN 010/35 0417	Stephanie L. Klopfenstein TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 GARDEN GROVE	100.00
Total for this ACH Check for Vendor KLOPFEN:				100.00
ACH	KOGERMAN 016/35 0417	Barbara D. Kogerman TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LAGUNA HILLS	100.00
Total for this ACH Check for Vendor KOGERMAN:				100.00
ACH	KRING 002/35 0417	Lucille Kring TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 ANAHEIM	100.00
Total for this ACH Check for Vendor KRING:				100.00
ACH	NELSON B 032/35 0417	William E. Nelson TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 VILLA PARK	100.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
Total for this ACH Check for Vendor NELSON B:				100.00
ACH	PATTER 027/35 0417	Pam Patterson TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 SAN JUAN CAP	100.00
Total for this ACH Check for Vendor PATER:				100.00
ACH	PEOTTER 022/35 0417	Scott Peotter TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 NEWPORT BEACH	100.00
Total for this ACH Check for Vendor PEOTTER:				100.00
ACH	TSUNODA 001/35 0417	Phillip B. Tsunoda TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 ALISO VIEJO	100.00
Total for this ACH Check for Vendor TSUNODA:				100.00
ACH	CALPERS 05/2017 05/2017 05/2017	Calif. Public Employees' Retirement RETIREE MEDICAL PREM - MAY 2017 ADMIN FEE - MAY 2017 RETIREE ALLOWANCE - MAY 2017	04/27/2017	7,518.00 225.60 774.40
Total for this ACH Check for Vendor CALPERS:				8,518.00
20463	LIVESCAN 028	A Livescan Center OC Inc. PRE-HIRE BACKGROUND (12)	04/27/2017	204.00
Total for Check Number 20463:				204.00
20464	ADAPCO 110204	ADAPCO, INC. BVA 2 Larvicide 275 GL Tote	04/27/2017	7,301.14
Total for Check Number 20464:				7,301.14
20465	APSCREEN 7110	APSCREEN, INC - TENANT SCREENING TENANT SCREENING (12896)	04/27/2017	60.00
Total for Check Number 20465:				60.00
20466	AT T FAX 04/07/2017	AT T SOUTH COUNTY LINE CHARGE PERIOD 4/	04/27/2017	63.42
Total for Check Number 20466:				63.42
20467	BELLPIPE 194782 194810	Bell Pipe & Supply THREAD SEAL (SHOP SUPPLIES) FABRICATION MATERIAL (A4)	04/27/2017	17.70 21.21
Total for Check Number 20467:				38.91
20468	CAGATE 96460 96595	California Gate & Entry System MONTHLY PREVENTIVE MAINTENANCE SERVICE CALL	04/27/2017	134.23 89.25
Total for Check Number 20468:				223.48
20469	costco 018175 018188 018359 041988 29083	Capital One National Association BOARD MEETING SUPPLIES OUTREACH SUPPLIES BOARD MEETING SUPPLIES DISTRICT SUPPLIES TV/BRACKET/MOUNTS (4 EA)	04/27/2017	34.85 10.76 8.99 285.99 5,324.90

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	70677	BOARD MEETING SUPPLIES		24.48
Total for Check Number 20469:				5,689.97
20470	QLAN IN1002123 IN1002124	CBE Office Solutions BACKUP SOFTWARE ANNUAL MAINTENA OFFSITE STORAGE BACKUP RECOVER	04/27/2017	1,368.00 933.00
Total for Check Number 20470:				2,301.00
20471	CHAMBERS 04/18/17	SCOTT CHAMBERS SAFETY BOOT REIMBURSEMENT	04/27/2017	150.00
Total for Check Number 20471:				150.00
20472	GG BUS 5/26-29/2017	City of Garden Grove GG STRAW BUS PERMIT	04/27/2017	1.00
Total for Check Number 20472:				1.00
20473	CONSUMER MAY 2018	Consumers Union of United States, Inc. SUBSCRIPTION RENEWAL (LS)	04/27/2017	26.00
Total for Check Number 20473:				26.00
20474	DRAKE 04/14/2017	John Drake SAFETY BOOT APPROVED REIMBURSEME	04/27/2017	140.04
Total for Check Number 20474:				140.04
20475	FM 4/2/2017 RH 4/2/2017 RH 4/2/2017BM 4/2/2017CM 4/2/2017COM 4/2/2017CP 4/2/2017FB 4/2/2017HL 4/2/2017HP 4/2/2017JD 4/2/2017JS 4/2/2017LA 4/2/2017LAB 4/2/2017LHS 4/2/2017LM 4/2/2017LN 4/2/2017LP 4/2/2017LS 4/2/2017MR 4/2/2017MV 4/2/2017PC 4/2/2017PRK 4/2/2017PS 4/2/2017R H 4/2/2017R J H 4/2/2017RC 4/2/2017RH 4/2/2017RH 4/2/2017RH 4/2/2017RJH	F M CREDIT CARD USFW CARLSBAD OFFICE MEETING VCJPA BREAKFAST MEETING (RH BK) MVCAC CONF HOTEL ROOM (CM MA) DIRECTOR OF COMMUNICATIONS RECRU BOARD MEETING SUPPLIES (03/16/17) FACEBOOK ADVERTISING HOBBY LOBBY PURCHASE MVCAC CONF HOTEL ROOM (HP MJC) MVCAC CONF HOTEL ROOM (JD) MVCAC CONF HOTEL ROOM (JS) LA TIMES ONLINE AMCA HOTEL ROOM (KN JC AS LK CF SS M MVCAC CONF HOTEL ROOM/ EXPENSES (C LUNCH MEETING (RH JD LK RC TEP) MVCAC QUARTERLY MTG FLIGHT/LN LABEL PROTECTORS ADMIN ERROR (LS) CAPIO MEMBERSHIP RENEWAL MVCAC QUATERLY MTG FLIGHT/HP MJC 5 GAL PESTICIDE CONTAINER UCI PARKING FEE POLO SHIRTS SACRAMENTO, CA EXPENSES(RH) ISDOC QUARTERLY LUNCHEON (RH BK) MVCAC CONF HOTEL ROOM/EXPENSES (F HR 9 COMMITTEE MEETING CAR RENTAL OAKLAND, CA (RH) SAN JOSE FLIGHT (RH) MVCAC CONFERENCE EXPENSES (RH)	04/27/2017	115.25 72.52 29.14 1,001.58 75.00 79.65 32.96 19.36 1,001.58 281.83 470.79 24.72 3,068.30 334.24 121.91 255.88 245.21 108.65 225.00 511.76 75.79 4.00 786.68 52.56 34.00 502.19 388.25 116.87 191.87 1,161.74

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	4/2/2017SAR	SOFTWARE ANNUAL RENEWAL		69.99
	4/2/2017TEP	MVCAC CONF HOTEL ROOM (TEP)		624.79
	4/2/2017TS	TRANSLATION SERVICES		5.45
Total for Check Number 20475:				12,089.51
20476	fedex 5-769-86190	Federal Express Corp. POSTAGE (CHEMSERVICE CHEMICALS)	04/27/2017	13.66
Total for Check Number 20476:				13.66
20477	FISHER 8942454	Fisher Scientific 50728273 Analytical Bal. Scale w/Automatic Ca	04/27/2017	1,450.23
Total for Check Number 20477:				1,450.23
20478	HILLS 58327 58482	Hill's Bros. Lock & Safe, Inc. REKEY SCISSOR GATE LOCKS (HBP 12892/ DUPLICATE SCISSOR GATE KEYS (5 EA)	04/27/2017	70.79 14.82
Total for Check Number 20478:				85.61
20479	JEN 03/28/17	Roland Jen MVCAC ANNUAL CONFERENCE	04/27/2017	112.43
Total for Check Number 20479:				112.43
20480	KENNEDY 16487	Ted B. Kennedy NETWORK CABLE INSTALL 12886 & 12892	04/27/2017	4,392.86
Total for Check Number 20480:				4,392.86
20481	KWEST 00821781 00821782	K'WEST Printing 52'X72' MOSQUITO BANNER PERF CARD "LION"	04/27/2017	129.60 429.84
Total for Check Number 20481:				559.44
20482	LHCOFC 5/5-7/17	La Habra Area Chamber of Commerce LA HABRA CITRUS FESTIVAL	04/27/2017	300.00
Total for Check Number 20482:				300.00
20483	LANDMARI 220782	Landmark Creations International, Inc. CUST. INFLATABLE MOSQUITO DOME 50"	04/27/2017	3,312.50
Total for Check Number 20483:				3,312.50
20484	MARTINEZ 03/26-29/17	Carlos Martinez MVCAC ANNUAL CONFERENCE	04/27/2017	158.53
Total for Check Number 20484:				158.53
20485	MCFADDEN 280485/5	McFadden-Dale Industrial Hardware, LLC FABRICATION MATERIAL (SHOP)	04/27/2017	61.96
Total for Check Number 20485:				61.96
20486	OCCP 62093465	Occupational Health Ctrs of CA PRE EMPLOYMENT PHYSICAL (24)	04/27/2017	1,829.00
Total for Check Number 20486:				1,829.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
20487	OFFICE 2057909770	OFFICE DEPOT, INC. FRF SUPPLIES	04/27/2017	64.13
Total for Check Number 20487:				64.13
20488	ORVAC INV288447	ORVAC ELECTRONICS TRAP BUILDING SUPPLIES	04/27/2017	208.37
Total for Check Number 20488:				208.37
20489	PELLET 5335	Pelletier Associates Inc ERGONOMIC EVALUATION PREVENTATIV	04/27/2017	520.00
Total for Check Number 20489:				520.00
20490	PRAXAIR 76895588 76928393	Praxair Distribution, Inc CO2 GAS (20 LBS EACH) DRY ICE (600 LBS)	04/27/2017	80.34 446.04
Total for Check Number 20490:				526.38
20491	PARS 37104	Public Agency Retirement Svcs ASSET BASED FEE (FEB)	04/27/2017	300.00
Total for Check Number 20491:				300.00
20492	SCHORR 1655549	Schorr Metals FABRICATION MATERIAL (SHOP)	04/27/2017	91.26
Total for Check Number 20492:				91.26
20493	SMART 054233	Smart & Final Stores Corp BOARD MEETING SUPPLIES	04/27/2017	180.00
Total for Check Number 20493:				180.00
20494	STAPLES 3333582233 3333910682 3334312659 3334312659 3334805695 3335145331 3335145331 3335145331 3335983829 3335983829 3335983829 3335983830	Staples Business Advantage LAB OFFICE SUPPLIES OPS OFFICE SUPPLIES OPS OFFICE SUPPLIES GENERAL STOCK SUPPLIES ADMIN OFFICE SUPPLIES GENERAL STOCK SUPPLIES LAB OFFICE SUPPLIES OPS OFFICE SUPPLIES GENERAL STOCK SUPPLIES COMM OFFICE SUPPLIES LAB OFFICE SUPPLIES COMM OFFICE SUPPLIES	04/27/2017	18.20 89.97 68.88 17.07 94.04 28.42 23.22 31.32 12.24 16.73 22.08 64.60
Total for Check Number 20494:				486.77
20495	DOJ 228011	State of California PRE-HIRE CRIMINAL BACKGROUND (12)	04/27/2017	588.00
Total for Check Number 20495:				588.00
20496	ABSO 7154022	STERLING PRE-EMPLOYMENT BACKGROUND SCREI	04/27/2017	66.29
Total for Check Number 20496:				66.29

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
20497	AMAZON	SYNCB/AMAZON	04/27/2017	
	021307400947	AMSCOPE MICROSCOPE		103.61
	050424275591	PLASTIC TRAVEL SOAP DISH (6 EA)		47.94
	071075617795	COTTON BATH TOWELS/BALLS/ROUNDS		72.67
	086699701657	DAIGGER DAI-T34-27-C ASST LABEL TAPE		26.96
	095792607194	HD AMERICAN FLAG 5X8		26.89
	124258492268	32" IPS MONITOR		237.24
	130946788970	INSPECT OF NORTH AMERICA BOOK		173.10
	131363161444	MICROWAVE		135.98
	140863804412	PORTABLE A/C UNIT		473.45
	188385397201	PORTABLE PLASTIC TRAVEL SOAP DISH (18.61
	192554633736	WIRELESS DOORBELL		25.62
	196697173796	NG BACKYARD GUIDE TO INSECTS & SPII		19.79
	214936818567	LABEL MAKER/ADJ CLIP ON FAN		68.84
	235331175254	OMAX DIGITAL MICROSCOPE CAMERA		386.82
	245564552083	EXTERNAL DVD DRIVE (2 EA)		53.98
	245564552083	SWIFTER KIT/REFILL		35.41
Total for Check Number 20497:				1,906.91
20498	TARGET PI0616068	Target Specialty Products Distance FAB 25 Lb Bag	04/27/2017	8,027.98
Total for Check Number 20498:				8,027.98
20499	JOY IV0025687 IV0025687	The Joy Factory, Inc. CWA217B aXtion Bold MP Case/iPad Air 2 Order Discount	04/27/2017	343.79 -47.97
Total for Check Number 20499:				295.82
20500	TOYOTAGG 167704 237513 243681	Toyota Place HEATER CORE REPLACEMENT (217) EVAPORATOR / MOTOR ASSEMBLY (217) REAR TAILGATE ASSEMBLY (258)	04/27/2017	2,042.58 732.54 479.72
Total for Check Number 20500:				3,254.84
20501	TRUCPAR 381568 382869 382952 382973 382990 382992 383010 383043 383084 383087 383099 383106 383234 383688 383697 383707 383742 383753 383768 383778 383785 383979	Truck & Auto Supply, Inc. FITTINGS (FAB PARTS/STOCK) BALL VALVES (A4/A25) INSULATED STUDS (A4/A25) BATTERY (RIFA GOLF CART) GAUGE / REGULATOR (A4) FABRICATION MATERIAL (SHOP) FABRICATION MATERIAL (SHOP) SAND PAPER (SHOP SUPPLIES) FITTINGS (FAB MATERIAL) BRACKETS/PARTS (A4) ELBOW / FAB PARTS (STOCK) ELBOW / PART (STOCK PARTS) FITTINGS (FAB MATERIAL) FAB MATERIAL (SHOP) SYNTHETIC OIL (STOCK/SHOP) SPLIT LOOM (FAB MATERIAL) FITTINGS (FAB PARTS/STOCK) FITTINGS (FAB PARTS/STOCK) BRACKETS (FAB MATERIAL) FAB MATERIAL FITTINGS (FAB PARTS/STOCK) SWITCHES (PARTS/STOCK)	04/27/2017	40.34 86.24 94.69 148.06 243.17 24.48 108.82 33.37 29.14 52.64 11.25 60.23 33.34 134.86 99.09 32.63 318.85 46.01 9.87 91.59 213.71 30.47

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	384045	FITTINGS (FAB MATERIAL)		57.65
	384073	LAB GENERATOR PART		774.79
	384354	FAB MATERIAL		151.92
	9380637	FITTINGS CREDIT		-175.63
Total for Check Number 20501:				2,751.58
20502	ULINE 85809345 85817803 85900099	Uline Shipping Supply Specialists 12 X16 POLYBAG 14 X 20 POLY BAG & SOAP DISPENSER 12 X 16 POLY BAG REFUND	04/27/2017	64.98 154.96 -51.72
Total for Check Number 20502:				168.22
20503	AL FLR 4/22/2017	Al Verduzco CARPET & COVE INSTALLATION (160 FT)	04/27/2017	1,552.00
Total for Check Number 20503:				1,552.00
20504	ABBE 0641935 0517	ROGER ABBE May '17 Medicare Prem Reimbursement	04/27/2017	46.12
Total for Check Number 20504:				46.12
20505	BOBBITT 1221947 0517	William Bobbitt Retiree Medical Allowance (May '17)	04/27/2017	234.05
Total for Check Number 20505:				234.05
20506	CAMPBELL 1211943 0517	JAMES CAMPBELL May '17 Medicare Prem Reimbursement	04/27/2017	99.27
Total for Check Number 20506:				99.27
20507	DAIKER 231946 0517	John Daiker May '17 - Medicare Prem Reimb	04/27/2017	230.80
Total for Check Number 20507:				230.80
20508	EVER 5081941 0517	GARY EVERINGHAM May'17 Medicare Prem Reimbursement	04/27/2017	104.90
Total for Check Number 20508:				104.90
20509	LACHANCE 120747 0517	Glenn LaChance May '17 Medicare Prem Reimbursement	04/27/2017	214.00
Total for Check Number 20509:				214.00
20510	LOUGHNER 8141947 0517	LINDA LOUGHNER May '17 Medicare Prem Reimbursement	04/27/2017	111.00
Total for Check Number 20510:				111.00
20511	NEWMAN 8301927 0517	ERLE NEWMAN May '17 RMR Premium Reimbursement	04/27/2017	304.45
Total for Check Number 20511:				304.45
20512	SIPE 1081951 0517	Russell Sipe Retiree Medical Allowance (May '17)	04/27/2017	234.05

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 20512:	234.05
20513	Velten 9171957 0517	Robert K. Velten Retiree Medical Allowance (May '17)	04/27/2017	234.05
			Total for Check Number 20513:	234.05
20514	CLARK 031/35 0417	Letitia Clark TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 TUSTIN	100.00
			Total for Check Number 20514:	100.00
20515	FITZGER 009/35 0417	Jennifer Fitzgerald TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 FULLERTON	100.00
			Total for Check Number 20515:	100.00
20516	GOMEZ 013/35 0417	James Gomez TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LA HABRA	100.00
			Total for Check Number 20516:	100.00
20517	ISEMAN 015/35 0417	Toni Iseman TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LAGUNA BEACH	100.00
			Total for Check Number 20517:	100.00
20518	JENNINGS 017/35 0417	John Mark Jennings TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LAGUNA NIGUEL	100.00
			Total for Check Number 20518:	100.00
20519	KUSUMOTC 020/35 0417	Warren Kusumoto TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LOS ALAMITOS	100.00
			Total for Check Number 20519:	100.00
20520	LECKNESS 021/35 0417	Dave Leckness TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 MISSION VIEJO	100.00
			Total for Check Number 20520:	100.00
20521	MASSA-LA 029/35 0417	Sandra Massa-Lavitt TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 SEAL BEACH	100.00
			Total for Check Number 20521:	100.00
20522	POSEY 011/35 0417	Mike Posey TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 HUNTINGTON BCH	100.00
			Total for Check Number 20522:	100.00
20523	VOIGTS 019/35 0417	Scott Voigts TRUSTEE-IN-LIEU APR '17 MTG	04/27/2017 LAKE FOREST	100.00
			Total for Check Number 20523:	100.00
20524	VSP 2721250002 0517 2721250002 0517	Vision Service Plan REINIG COBRA VISION PREM MAY '17 KOENIG COBRA VISION PREM MAY '17	04/27/2017	11.58 17.99

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 20524:	29.57
			Total for 4/27/2017:	77,636.64
			Report Total (212 checks):	457,307.58



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

May 18, 2017

AGENDA REPORT

AGENDA ITEM # E.3

Prepared By: Debi Kimball, Accounting Supervisor
Submitted By: Rick Howard, District Manager

Agenda Title:

Monthly Financial Report for April 2017

Recommended Action:

Receive and file.

Executive Summary:

Accept for inclusion as [Exhibit A](#), the Orange County Mosquito and Vector Control District Monthly Financial Report for April 2017.

Fiscal Impact:

Amount Requested \$ N/A

Sufficient Budgeted Funds Available:

Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item:

Exhibits:

[Exhibit A: Monthly Financial Report for April 2017](#)


Orange County Mosquito and Vector Control District
Monthly Financial Report
Month Ending April 30, 2017

Fund No.	Fund	Cash Balance 3/31/2017	Revenue	Expenditures	Transfers	Accrual Adjustment	Cash Balance 4/30/2017	Cash Balance 4/30/2016
10	Operating	8,261,187	4,204,020	793,743		(6,224)	11,665,240	9,565,989
20	Vehicle Replacement	527,326	1,012				528,338	655,887
30	Liability Reserve	459,353	881				460,234	457,021
40	Equipment Replacement	370,048	710				370,758	358,719
50	Emergency Vector Control	1,148,807	2,204				1,151,011	1,142,977
60	Facility Improvement	1,424,075	25,187	8,033			1,441,230	1,184,635
70	Habitat Remediation	185,740		73			185,667	186,658
75	Environmental Fund	4,910		738			4,173	4,939
90	Retiree Medical Insurance	69,197	2,268	12,850			58,615	72,033
95	Retirement Contingency	1,058,155	2,030				1,060,185	739,069
99	Payroll Clearing	144,188				160,879	305,067	216,996
		\$ 13,652,984	\$ 4,238,312	\$ 815,436	\$ -	\$ 154,655	\$ 17,230,516	\$ 14,584,923

Cash Reconciliation		
California LAIF	14,516,037	0.82%
O.C. Treasurer	1,631,619	0.85%
F&M Checking	863,347	
Payroll Checking	129,278	
F&M HBP	80,235	0.05%
Petty Cash - Checking	10,000	
Cash and Investments	\$ 17,230,516	

Note: The PARS OPEB Trust has a balance of \$2,970,149 as of 2/28/2017 (the most recent information available). These monies are held in an irrevocable trust and are to be used exclusively for retiree medical payments.


 Wendy Goodson
 Director of Administrative Services


 Debi Kimball
 Accounting Supervisor

Monthly Cash Flow

Month	Revenue	Expenditures	Transfers	Accrual Adjustment	Monthly Cash Flow	FY '15-'16 Comparison
July	\$ 36,304	\$ 1,511,897	\$ -	\$ (5,726)	\$ (1,481,319)	\$ (1,561,391)
August	\$ 48,955	\$ 1,092,890	\$ -	\$ 17,730	\$ (1,026,205)	\$ (887,164)
September	\$ 157,716	\$ 1,168,491	\$ -	\$ 206,921	\$ (803,854)	\$ (844,400)
October	\$ 70,575	\$ 746,597	\$ -	\$ (10,231)	\$ (686,253)	\$ (728,065)
November	\$ 1,563,549	\$ 750,114	\$ -	\$ (208,879)	\$ 604,556	\$ 244,842
December	\$ 5,461,273	\$ 854,135	\$ -	\$ (26,206)	\$ 4,580,932	\$ 4,070,508
January	\$ 627,771	\$ 760,134	\$ -	\$ (23,734)	\$ (156,097)	\$ (217,070)
February	\$ 51,502	\$ 726,678	\$ -	\$ (2,754)	\$ (677,929)	\$ (734,755)
March	\$ 876,671	\$ 1,099,233	\$ -	\$ 158,447	\$ (64,115)	\$ (108,703)
April	\$ 4,238,312	\$ 815,436	\$ -	\$ 154,655	\$ 3,577,531	\$ 3,125,085
May	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (395,227)
June	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (831,883)
Total YTD	\$ 13,132,628	\$ 9,525,603	\$ -	\$ 260,223	\$ 3,867,247	\$ 1,131,777

Revenues: 84% of Fiscal Year

Year to Date			
10-Operating Fund	Annual Budget	Actual	Percentage
Property Taxes	5,350,000	5,352,821	100.1%
1996 Benefit Assessment	1,550,000	1,491,178	96.2%
2004 Benefit Assessment	5,602,000	5,453,169	97.3%
Interest and Concessions	18,250	35,407	194.0%
Miscellaneous	10,000	15,764	157.6%
Pass thru Money	225,000	243,452	108.2%
Rent for Cell Sites	26,300	23,841	90.7%
VCJPA Pooled Services	50,000	138,452	276.9%
CDPH - CA State Grant	-	44,720	%
Charges for Services	64,000	26,732	41.8%
	\$ 12,895,550	\$ 12,825,536	99.5%

*The major distributions of property tax and benefit assessments occur in four installments: December, January, April, and May.

2016 Net Retrospective Adjustment Applied and Received / Not Budgeted Annual service levels vary and are invoiced after the fact.

No.	Other Funds	Budget	Actual	Percentage
20	Vehicle Replacement	2,200	2,777	126.2%
30	Liability Reserve	1,300	2,356	181.2%
40	Equipment Replacement	1,200	1,893	157.7%
50	Emergency Vector Control	3,200	5,892	184.1%
60	Facility Improvement	293,500	263,986	89.9%
90	Retiree Medical Insurance	158,000	24,936	15.8%
95	Retirement Contingency	2,500	5,254	210.2%
	Total Revenue	\$ 13,367,450	\$ 13,132,628	98.3%

Expenditures: 84% of Fiscal Year

No.	Program	Budget	Actual	Percentage
110	Trustees	50,750	37,787	74.5%
120	District Manager	338,660	293,370	86.6%
130	Legal Services	195,000	65,619	33.7%
140	Non-Departmental	433,850	339,291	78.2%
	Executive	\$ 1,018,260	\$ 736,067	72.3%
210	Administrative Services	781,990	513,071	65.6%
220	Insurance	496,350	667,182	134.4%
	Administrative Services	\$ 1,278,340	\$ 1,180,252	92.3%
310	Technical Services	1,547,540	1,194,311	77.2%
	Scientific Technical Services	\$ 1,547,540	\$ 1,194,311	77.2%
410	Field Operations	6,424,080	4,733,771	73.7%
430	Vehicle Maintenance	689,705	408,711	59.3%
440	Building Maintenance	179,325	140,904	78.6%
	Operations	\$ 7,293,110	\$ 5,283,386	72.4%
510	Public Information	862,110	460,067	53.4%
520	Information Technology	757,220	388,265	48.6%
530	Public Service	149,330	104,889	70.2%
	Public Information	\$ 1,768,660	\$ 933,221	52.8%
	Total Operating Fund Expenditures	\$ 12,905,910	\$ 9,327,237	72.3%
20	Vehicle Replacement	-	-	0.0%
30	Liability Reserve	-	-	0.0%
40	Equipment Replacement	-	-	0.0%
50	Emergency Vector Control	-	-	0.0%
60	Facility Improvement	442,100	52,379	11.8%
70	Habitat Remediation	1,000	868	86.8%
75	Environmental	-	7,893	0.0%
90	Retiree Medical Insurance	158,000	137,227	86.9%
95	Retirement Contingency	-	-	0.0%
	Total Other Funds	\$ 601,100	\$ 198,367	33.0%
	Total Expenditures	\$ 13,507,010	\$ 9,525,603	70.5%

* Discovery Cube Final Installment

* Annual Workers Comp, Liability & Property Insurance



BETTY T. YEE

California State Controller

LOCAL AGENCY INVESTMENT FUND
REMITTANCE ADVICE

Agency Name ORANGE CNTY VECTOR CNTRL DIST
Account Number

As of 04/14/2017, your Local Agency Investment Fund account has been
directly credited with the interest earned on your deposits for the quarter
ending 03/31/2017.

Earnings Ratio		.00002126194403179
Interest Rate		0.78%
Dollar Day Total	\$	1,046,575,063.74
Quarter End Principal Balance	\$	10,893,784.65
Quarterly Interest Earned	\$	22,252.22

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

www.treasurer.ca.gov/pmia-laif/laif.asp
May 04, 2017

ORANGE COUNTY VECTOR CONTROL DISTRICT

DIRECTOR OF ADMINISTRATIVE SERVICES
13001 GARDEN GROVE BLVD
GARDEN GROVE, CA 92843

PMIA Average Monthly Yields

Account Number:

Tran Type Definitions

April 2017 Statement

Effective Transaction Tran Confirm

Date	Date	Type	Number	Authorized Caller	Amount
4/14/2017	4/13/2017	QRD	1534928	SYSTEM	22,252.22
4/26/2017	4/25/2017	RD	1535993		3,600,000.00

Account Summary

Total Deposit:	3,622,252.22	Beginning Balance:	10,893,784.65
Total Withdrawal:	0.00	Ending Balance:	14,516,036.87



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

May 18, 2017

AGENDA REPORT

AGENDA ITEM # E.4

Prepared By: Rick Howard, District Manager
Submitted By: Rick Howard, District Manager

Agenda Title:

Federal Disaster Assistance – January 2017 Flooding Declaration (DR-4305)

Recommended Action:

That the Board of Trustees adopt Resolution No. 441 designating authorized representatives of the District to act on behalf of the District as it pertains to the Federal Emergency Management Agency’s declaration Number FEMA-DR4305.

Executive Summary:

As you are aware, California has endured more than five years of severe drought. This rainy season witnessed a significant improvement in overall drought conditions as California experienced record rainfall in many areas of the state, including Orange County.

While the rain was certainly welcome and it helped fill reservoirs and replenish groundwater supplies, it did bring with it significant flooding throughout the state. On March 16th, President Trump declared 16 California counties a federally declared disaster for damages incurred between January 18, 2017 and January 23, 2017. Orange County was included in that declaration. Because of the declaration, the Orange County Mosquito and Vector Control District (OCMVCD) is possibly eligible for financial assistance.

The OCMVCD has suffered financial losses as a result of the flooding. Those losses include work efforts in the Santiago Canyon Watershed and parts of Huntington Beach where significant amounts of standing water have necessitated larviciding helicopter treatments in those areas. To date, the District has, or is expected to, treat those areas through June due to the significant amount of water that has accumulated.

FEMA has a specified set of requirements that must occur in order to be deemed eligible for disaster reimbursement. They are as follows:

REQUIREMENT

STATUS

Notice on Interest (NOI)
List of Projects (Preliminary)
Resolution Designating Authorized Representative
OES Project Application

Pending Submittal until Meeting with FEMA May 11, 2017
Submitted to FEMA May 9, 2017
May 18, 2017 (Current Board Action)
To be submitted after FEMA Inspections complete

Staff recommends adoption of Resolution 441.

Fiscal Impact:

Amount Requested \$ N/A

Sufficient Budgeted Funds Available:

Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item

N/A

Exhibits:

[Exhibit A: Resolution No. 441](#)

RESOLUTION NO. 441

**A RESOLUTION OF THE BOARD OF TRUSTEES
OF THE ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
DESIGNATING AUTHORIZED REPRESENTATIVES OF THE DISTRICT TO ACT ON
BEHALF OF THE DISTRICT AS IT PERTAINS TO THE FEDERAL EMERGENCY
MANAGEMENT AGENCY'S DECLARATION NUMBER FEMA-4305-DR PERTAINING
TO THE JANUARY 2017 WINTER STORMS**

WHEREAS, the OCMVCD is tasked with protecting the public health from mosquito borne disease; and

WHEREAS, the OCMVCD's ongoing ability to combat mosquito borne diseases using both ground and aerial treatments is beneficial to the public health and safety of Orange County; and

WHEREAS, beginning on January 18, 2017 and concluding on January 23, 2017, Orange County experienced severe winter storms and urban flooding; and

WHEREAS, On March 16th, President Trump declared 16 California counties a federally declared disaster for damages incurred due to flooding, and

WHEREAS, Orange County Mosquito and Vector Control District is eligible for financial assistance for suffered financial losses as a result of the flooding; and

WHEREAS, losses include work efforts in the Santiago Canyon Watershed and parts of Huntington Beach where significant amounts of standing water have necessitated larviciding helicopter treatments in those areas; and

WHEREAS, it is necessary to designate three District employees to act on behalf of the District in coordinating responses to FEMA-4305-DR.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Orange County Mosquito and Vector Control District that:

SECTION 1. Rick Howard, District Manager
Wendy Goodson, Director of Administrative Services
Amber Semrow, Biologist

are hereby authorized to execute for and in behalf of the Orange County Mosquito and Vector Control District this application and to file said application with the California Office of Emergency Services for the purposes of obtaining certain federal financial assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the Natural Disaster Assistance Act for flooding which occurred during January 2017.

PASSED, APPROVED, and ADOPTED by the Board of Trustees of the Orange County Mosquito and Vector Control District at its regular meeting thereof held on the 18th day of May 2017, at 13001 Garden Grove Blvd., Garden Grove, California, 92843.

Barbara D. Kogerman, President

I hereby certify that the foregoing Resolution was duly adopted by the Board of Trustees of the Orange County Mosquito and Vector Control District at a regularly scheduled meeting, held on May 18, 2017:

Cheryl Brothers, Secretary

APPROVED AS TO FORM:

Alan R. Burns, District Counsel

F. BUSINESS AND ACTION ITEMS

1. ADOPTION OF FISCAL YEAR 2017-18 OPERATING, CAPITAL, AND REVENUE BUDGETS (EXHIBIT A, B)
2. ADOPT RESOLUTIONS NO. 442 AND 443, RESPECTIVELY, OF INTENTION TO LEVY ASSESSMENTS FOR FISCAL YEAR 2017-18 FOR THE ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT, VECTOR SURVEILLANCE AND CONTROL ASSESSMENT DISTRICT (DISTRICT NO. 1); AND THE MOSQUITO, FIRE ANT AND DISEASE CONTROL ASSESSMENT (DISTRICT NO 2). PRELIMINARILY APPROVING THE ENGINEER'S REPORTS FOR DISTRICT NO. 1 AND DISTRICT NO. 2 AND PROVIDING NOTICE OF PUBLIC HEARINGS FOR DISTRICT NO. 1 AND DISTRICT NO. 2 (EXHIBIT A, B, C, D)



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

May 18, 2017

AGENDA REPORT

AGENDA ITEM # F.1

Prepared By: Julie Matsumoto, Financial Services Consultant, Wendy Goodson, Director of Administrative Services

Submitted By: Rick Howard, District Manager

Agenda Title:

Adoption of FY 2017-18 Operating, Capital, and Revenue Budgets

Recommended Action:

Adopt Resolution No. 442 Adopting the FY 2017-18 Operating, Capital, and Revenue Budgets

Executive Summary:

The Fiscal Year 2017-18 preliminary Orange County Mosquito and Vector Control District's (OCMVCD) budget was distributed to Trustees at the April 20, 2017 Board meeting. The Budget and Finance Committee was also presented the budget at their April and May meetings and budget workshops took place on May 9 and May 11.

The Fiscal Year 2017-18 Revenue, Operating and Capital budget for the OCMVCD is balanced where revenues meet expenditures. This year's budget is the first time that the District has implemented a two-year budget, providing a "forward look" forecast into the next fiscal year (2018-19). Only the first year of the two-year budget is adopted, while the second year provides a forecast for the subsequent fiscal year.

For the coming fiscal year, revenues in the amount of \$14.3M are anticipated. Ad-Valorem revenues represent \$5.6M, while the two assessment districts per parcel fee will remain at current year levels of \$1.92 and \$6.72, respectively. The two districts are expected to generate a combined \$7.2M.

The preliminary budget is essentially "status-quo" and does not include any new programs or significant operational area changes for FY 2017-18. However, the draft budget does include the continuation of those new programs that rolled out this fiscal year, including the *Aedes* Response and West Nile Strike Teams, expansion of the underground storm drain teams, and the implementation of the education and outreach program.

The West Nile Virus and *Aedes* Response teams, consisting of 2 and 6 teams of two seasonal employees each, visited over 26,000 households in 2016 providing site inspections and critical public information and prevention materials. The teams are cross trained and can switch from *Aedes* deterrence to West Nile virus prevention and education depending on the need. The use of these teams proved crucial in 2016 in assisting in messaging the dangers of mosquitoes and the importance of disease prevention. Additionally, the teams also assist regular full-time staff when disease-positive mosquito and/or human cases have been identified. The teams provide immediate "boots on the ground" in support of the District's overall mission.

-Continued-

Underground storm drain systems (USDS) are known to harbor and breed large numbers of mosquitoes. These subterranean systems represent the single largest breeding sources of mosquitoes throughout the District. The USDS teams were expanded from 2 to 6 this fiscal year, shortening route times from weeks to days. The District is also working with individual cities to alert them to the mosquitoes lurking underground, and we remain hopeful that these efforts will result in the identification of additional breeding sources that were previously unknown to staff.

This fiscal year the District funded a limited term Education Coordinator position for a period of two years. This program offers collaborative work with District staff and school districts to promote the District’s “Shared Responsibility” message towards educating younger members of the public on vectors and vector-borne diseases. This position and corresponding program has exceeded expectations, and it is recommended that the “limited term” status be removed. From the time the position was filled in October, the education program has proven to be beneficial, reaching over 2,200 students at 22 schools in 11 cities countywide. Additionally, it is recommended to expand this program with the addition of a seasonal (part time) outreach staff member to help support the education program.

In March 2017, the District was notified that a grant in the amount of \$225,000 had been awarded by the federal government as a part of the \$1.1 Billion Zika Funding spending authorization. This grant is specifically aimed at combatting, educating and preventing the dangers of the Zika virus and other disease threats vectored by invasive mosquitoes. This grant was instrumental in the District’s ability to continue to fund into FY 2017-18 the *Aedes* door-to-door teams, as well as additional outreach efforts and equipment and supplies aimed at *Aedes* mosquito control. The period covered by the grant is April 1, 2017 through July 31, 2018.

New Outreach Initiatives

After the 2016 mosquito season, staff assembled a year-end working group aimed at obtaining input and recommendations from all levels of the organization – essentially a comprehensive look back at mosquito control operations, functions and efforts undertaken by the District over the past number of years. The result of those meetings was the establishment of the High Risk 9. The HR9 are those 9 cities in the county that account for more than 75% of all West Nile cases reported in the county since 2004. This new initiative engaged all 9 cities and aims to leverage OCMVCD’s efforts with those of the individual cities. Staff has met with all 9 cities and will continue to work collaboratively to utilize media and electronic outreach, obtain information on their respective USDS’s, and to offer review of development and BMP plans that may result in the harborage and mosquito breeding sources.

The following chart identifies the source of funds for FY 2017-18:

Funding Sources Fiscal Year 2017-18		
	Amount	% of Total
Revenues - All Funds:		
Ad Valorem Property Tax	\$ 5,631,000	39.0%
1996 Benefit Assessment	1,551,000	11.0%
2004 Benefit Assessment	5,669,600	40.0%
Pass Through Money	400,000	3.0%
Rental Income	301,600	2.0%
Reimbursements	274,000	2.0%
Grants	138,000	1.0%
Interest Revenue	113,500	1.0%
Miscellaneous Items	100,000	1.0%
Subtotal Revenues	14,178,700	100.0%
Project re-budgeted from FY 2016-17	115,000	
FY 2017-18 Total Sources	\$ 14,293,700	

-Continued-

The District's expenditure budget is proposed to be \$14,293,700, which represents a 5.8% increase over the current fiscal year, primarily the result of increases in salaries and wages and the addition of two new proposed positions.

The preliminary budget is fiscally responsible as expenditures are fully funded by anticipated revenue sources, with no need to draw from any reserve fund. More importantly, this expenditure budget provides the District with the resources needed to fulfill the District's mission of providing the public with a high level of protection from vectors and vector-borne diseases. The following charts summarize proposed expenditures:

All Funds	FY 2016-17 Budget	FY 2016-17 Estimated	FY 2017-18 Proposed
Personnel	\$ 8,853,710	\$ 8,530,400	\$ 9,671,100
Maintenance & Operations	3,798,100	3,671,500	3,812,600
Capital Outlay	855,200	539,500	810,000
TOTAL	\$ 13,507,010	\$ 12,741,400	\$ 14,293,700
			CHANGE 5.8%

Consistent with prior years, personnel costs make up approximately 70% of the District's total operating expenditures. For FY 2016-17, the District's staff was comprised of 63 regular full-time employees which was augmented with seasonal and extra help employees. The District is proposing to increase the number of regular full-time employees from 63 to 65 during FY 2017-18 with the addition of two new full-time positions to provide support to existing operations. Proposed new staff include a position to manage and oversee the seasonal employees hired by the District each year and the addition of an Information Technology (IT) Manager.

- Supervisory responsibilities for seasonal employees currently falls to three individuals, and a position is proposed to oversee the day-to-day assignments of the seasonal teams.
- The entire District's (IT) function is managed by two members of the staff, an IT Analyst and an IT Coordinator. As the District has transitioned from outsourcing IT responsibilities to integrating and managing most IT functions in-house, the need for additional IT support is critical. The District has eliminated contracts more than \$110,000 by consolidating these efforts.

The fully burdened cost of District full-time, seasonal, and extra help employees totals \$9,671,100 and includes the costs for two new proposed employees. The preliminary budget also proposes to eliminate the pay differential within the Director classification. The differential in pay has proven to be a disadvantage when recruiting staff into these high-level management positions.

For a more comprehensive assessment of the preliminary budget, the year in review, and programs moving forward, please refer to the Budget Transmittal Letter which is included as an attachment to this report as well as within the budget document itself.

Fiscal Impact:

Amount Requested \$14,293,700

Sufficient Budgeted Funds Available:

Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item

Budget and Finance Committee meetings in April, May
Budget Workshops May 9 and 11

Exhibits:

[Exhibit A: Preliminary FY 2017-18 Budget and FY 2018-19 Budget Forecast](#)

[Exhibit B: Resolution 442 Adopting Annual Operating Budget for Fiscal Year 2017-18](#)

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LILLY SIMMERING

DATE: May 18, 2017
TO: President Barbara Kogerman
Members of the Board of Trustees
FROM: Rick Howard, District Manager *RH*
RE: Fiscal Year 2017-18 Budget Transmittal

I am pleased to submit the FY 2017-18 Annual Budget for the Orange County Mosquito and Vector Control District (OCMVCD). The FY 2017-18 Budget fully funds District operations in accordance with the District's Mission Statement and Values:

The mission of the Orange County Mosquito and Vector Control District is to provide the citizens of Orange County with the highest level of protection from vectors and vector-borne diseases. As per its mission statement and values in achieving its mission, the Orange County Mosquito and Vector Control District shall:

Be proactive in response to current and future vector threats.

Respond effectively and courteously to the needs of the public.

Inform and educate the public about the shared responsibility of vector control.

Utilize the most effective and safest methods available for the control of vectors.

Provide vector control services in the most cost-effective manner.

The OCMVCD has been historically perceived as a leader in the vector control industry. Many mosquito and vector control districts throughout the state have looked to the OCMVCD for entomological and operational leadership throughout the District's 70-year history, and for good reason. This District has pioneered and implemented several strategies and surveillance techniques that have become standard industry practices. The introduction and continuing use of the underground storm drain system (USDS) treatment vehicles, a full-service laboratory (one of only a handful in the state) with state of the art Polymerase Chain Reaction (PCR) capabilities for mosquito-borne disease surveillance and flea-borne typhus testing, and the invention pioneering use in 1986 of the Reiter/Cummings Gravid Trap are just a few of the many technological advances that have originated from Orange County Mosquito and Vector Control. As a county-wide agency, it serves the public by having an integrated program encompassing rat, mosquito, fly, and red-imported fire ant control without duplication of services among other Orange County agencies, unlike many other vector control districts.

"An Independent Special District Serving Orange County Since 1947"

The mission of the Orange County Mosquito and Vector Control District is to provide the citizens of Orange County with the highest level of protection from vectors and vector-borne diseases.

It is important that as an agency tasked with protecting the public's health, the District continue to push the envelope and explore new and emerging industry technologies. The presence of West Nile virus in 2004 as well as the introduction of invasive *Aedes* mosquitoes in 2015 have demanded that District staff prioritize functions and maximize resources. The phrase, "because that's the way we've always done it," does not mean we can't consider new ideas, develop new strategies and technologies or improve upon our processes and successes. The District's environmental footprint, public outreach efforts, and education program are critical in making sure that the shared-responsibility message becomes second nature for residents countywide.

Grand Jury Report

After a very thorough investigation, the Orange County Civil Grand Jury on April 18, 2017 released a report titled, "*Is Orange County Ready for Zika? It Takes a Village to Handle Mosquito-Borne Viruses.*" The Jury investigated all aspects of District operations and noted that in order to continue to fight the battle against mosquitoes and mosquito borne disease, more must be done. The Grand Jury report encouraged cities and the County of Orange to collaborate with the District to help mitigate breeding sites under their respective control. The report also encouraged the OCMVCD Board of Trustees to consider maximizing its taxing ceiling.

Over the past year, the District has taken great strides in these as well as several other operational areas. The following represent a few of the many highlights that have occurred over the past fiscal year.

Governance, Legislative Policy and Board of Trustees

Communications staff developed and rolled out the weekly Vector update e-newsletter. This newsletter was created in response to the public and Board's desire to be provided more immediate and direct information related to disease control, prevention and other District activities.

Additionally, and in direct response to the public's concerns regarding public notifications associated with aerial adulticide operations, I brought to the Board last April a *Board Policy* that specifically outlines steps to be taken if the decision to conduct an aerial adulticide campaign is launched. This outreach policy is comprehensive in its scope and it is not discretionary for staff. Its aim specifically directs targeted outreach and messaging to the broader community.

The recent establishment of the Board's Legislative Committee will now allow the District to take more formal positions related to pending legislation. I believe that this will allow the District to have a larger presence in the County as it relates to matters of vector control, governance, and special districts, in general.

This year, more and more Board members have availed themselves to vector related educational opportunities. Vector control is a very technical industry that requires extensive state mandated continuing education for technical staff. I encourage the Board to continue to take advantage of the many vector-related educational opportunities that take place throughout the year.

Administrative

There are many policies and procedures in place at the District that require a top-to-bottom assessment to ensure that they are compliant with current law and meet industry best practices. The first manner of business was to confirm that the District's fiscal policies, procedures and

internal controls conform to those requirements. The Board reviewed and updated the District's Investment Policy, Purchasing Policy, Credit Card procedure, and Travel Policy. All remaining District policies will be reviewed and those that require updates will make their way to the Board for approval, including a policy for guidelines on targeted reserve balances.

From a staffing perspective, I am pleased to report that the staff is now reaching the end of the first year of a three-year labor agreement. This agreement provides labor stability and financial security for staff for the three-year period covered by the agreement.

Two major outreach initiatives have been established in my time as District Manager. The first was the expansion of the *Aedes* Response and the creation of the West Nile Virus Strike Teams. These Door-to-Door (D2D) teams reached over 25,000 Orange County homes in 2016 and conveyed the District's messages. Funding for both D2D programs is included in this year's budget. The District received federal grant funds to fund the *Aedes* D2D team through July 2018.

The second major initiative was the creation of the High Risk 9 outreach program. This program focuses on those 9 cities where residents are most likely to experience high West Nile disease transmission.

During staff's 2016 debrief and year in review analysis, it became apparent that as *Aedes* mosquitoes continue their march through Orange County and residents continue to be infected with West Nile virus, that we, as a District, do not have the resources to unilaterally fight the bite battle. The product of that debrief resulted in the evolution of the HR9 initiative. The HR9 evolved from 14 years of data collection and analysis that provides a future look at disease probabilities in the highest risk areas of the county.

In March 2017, District staff rolled out the HR9, and with the support of the Trustees in those cities, have individually met with representatives of all 9 cities. The message is comprehensive and is intended to guide the conversation towards shared responsibility and working collaboratively together. The goal is to leverage District and city resources in a variety of areas including messaging, media, USDS maintenance, and BMP design and long term upkeep. Other mosquito and vector control districts have either launched or are in the process of evaluating programs of their own based upon our example.

Communications

The Communications Department took great strides in 2016 and into 2017 to provide greater value in its messaging. The public asked for and Communications delivered on a variety of fronts, including the updated website and launch of a mobile web site; the implementation of the weekly eAlerts (for mosquito season) which is distributed to over 1,900 recipients (residents, local officials, and partner agencies), and growing; and developed Invasive *Aedes* educational materials in multiple languages (English, Spanish, Vietnamese, Korean, and Mandarin).

Additionally, the launch of the Public Outreach and Education Program kicked off in 2016. With the Education Coordinator leading the way, the District has educated over 2,000 students in 22 schools in 11 cities, and counting. This program was initially budgeted as a limited term two-year position. I recommend that the "limited term" status be removed, transitioning this position, and program, into a full-time operation of the District.

Also in 2016 the District installed the first of many mosquito education interpretive displays at the Santa Ana Zoo. While the display has had its share of issues (weather/rain related), it is effective

in messaging the danger of mosquitoes and the need to take precautions. Additional displays are planned to be installed soon.

The world's first 18' inflatable mosquito, and soon to be delivered 8' baby sister, provide a measurable and visible message. These tools will provide the public with a series of educational venues that can be used for large community events, or in the case of the smaller mosquito, pop-up displays at various locations throughout the District. The giant inflatable mosquito has garnered significant interest.

From an operational standpoint, and probably the biggest achievement to come out of the Communications Department was Information Technology's in-house development of the Field Management System. This recently developed tool allows for staff to input, track, and maintain a complete database system for every property, pool, and breeding site treated by the district on mobile devices such as iPads and iPhones. This development was a huge improvement for the District, and resulted in significant cost savings over the previous system that was owned and managed by an outside third party vendor.

Scientific and Technical Services

To say that the lab has been busy is an understatement! Besides the efforts that you would be most familiar; the Lake Forest Elementary School mite matter and its resolution; trapping and testing for mosquitoes with WNV and other disease; and developing heat maps for all of us to visually experience a West Nile virus outbreak, the lab has been busy with many other related activities.

Lab staff provide critical assistance to all other facets of the District, be it spatial data for Operations, information to help determine messaging originating from Communications, and data for Board information and consideration. It all starts in the lab.

Over the past year, the lab has been involved in a number of issues, including the establishment of invasive *Aedes* mosquito trapping routes for surveillance; conducted 31 travel-related Zika case investigations; collected adult invasive *Aedes aegypti* mosquitoes from multiple locations in the County to be tested by the State for insecticide resistance; finalized the District's "DRAFT Response Plan for Invasive *Aedes* Mosquitoes and the Diseases They Vector (Zika/dengue/chikungunya/yellow fever)"; and set traps at 1,305 different locations in the County, resulting in approximately 3,000 gravid trap-nights and 2,884 CO₂-baited trap-nights for mosquito surveillance.

The lab increased the number of underground trapping locations from 24 to 48, creating a total of 210 underground trap locations and they tested over 5,000 mosquito pools and detected 448 WNV-positive samples.

As noted above, lab staff also investigated and solved the mite infestation at Lake Forest Elementary School. This issue resulted in the District receiving positive world-wide publicity for our efforts in resolving this mystery.

Operations

In April 2017, the District was notified that we have been awarded a federal Zika grant in the amount of \$225,000. A significant portion of those funds are earmarked to maintain the District's *Aedes* Response Team from April 1, 2017 through July 31 2018.

The District's ability to effectively treat known mosquito breeding sources in a manner that meets all regulatory requirements is the primary focus of Operations and field personnel.

Due to the expansion from four to six Underground Storm Drain System (USDS) teams, Operations improved cycle time to 10 days or less for underground storm drain and gutter route treatments District wide.

Financial Information Overview

The budget proposed for FY 2017-18 is structurally balanced whereby funding sources equal expenditures. Total fund balance at June 30, 2018 is expected to be \$14.23 million; a decline of \$115,000 due to re-budgeting the parking lot paving project from the current year. The expected fund balance at June 30, 2017 is estimated to be \$14.34 million.

Following is a discussion of expected fund balances and proposed revenues and expenditures:

Fund Balances

At the end of FY 2017-18, the District's Fund Balances are projected to total \$14,227,189, as follows:

FUND BALANCE FISCAL YEAR 2017-18								
Fund No.	Fund Name	2015-16 Actual Balance	2016-17 Estimated Balance	2017-18 Proposed Revenues	2017-18 Proposed Expenditures	2017-18 Proposed Transfers	2017-18 Proposed Balance	Net (Use of)/ Addition to Reserves
10	Operating	\$ 8,055,430	\$ 8,910,680	\$13,671,200	\$ 13,572,200	\$(2,223,500)	\$ 6,786,180	\$(2,124,500)
20	Vehicle Replacement	525,561	630,261	20,000	-	650,000	1,300,261	670,000
30	Liability Reserve	457,878	462,078	4,500	-	-	466,578	4,500
40	Equipment Replacement	368,865	374,065	3,500	-	128,000	505,565	131,500
50	Emergency Vector Control	1,145,120	1,156,520	11,500	-	-	1,168,020	11,500
60	Facilities Improvement	1,197,186	1,378,986	286,500	547,500	945,500	2,063,486	684,500
70	Habitat Remediation	186,536	186,536	-	-	-	186,536	-
75	Environmental Fund	12,064	12,064	-	-	-	12,064	-
90	Retiree Medical Insurance	168,668	168,668	174,000	174,000	-	168,668	-
95	Retirement Contingency	1,054,931	1,062,331	7,500	-	500,000	1,569,831	507,500
		\$13,172,239	\$14,342,189	\$14,178,700	\$14,293,700	\$ -	\$14,227,189	\$ (115,000)

The District's operating fund is expected to end the fiscal year with a targeted fund balance of \$6.8 million, equal to 50 percent of the fund's FY 2017-18 budgeted expenditures. Accumulated amounts in excess of this \$6.8 million are proposed to be transferred to the following reserve funds:

- \$650,000 to the vehicle reserve fund to achieve a funded balance of approximately 85%
- \$128,000 to the equipment fund to achieve a funded balance of approximately 85%

- \$945,500 to the facilities improvement fund to achieve a funded balance of approximately 85%
- \$500,000 to the retirement contingency fund to fund for a potential amount due as a result of the triennial true-up with OCERS

During FY 2017-18, a fund balance reserve policy for consideration to identify ideal target levels for each of the District's funds will be presented for further consideration.

Revenue

Total projected revenue for FY 2017-18 is \$14,178,700. The District's largest sources of revenue are property tax and two benefit assessment districts. Together, these three revenue sources account for \$12.8 million, or 91% of all FY 2017-18 revenues.

Ad Valorem Property Tax: Staff projects a 3.5% increase in FY 2017-18 revenues, resulting in anticipated revenues of \$5.6 million.

Assessment District No. 1: This assessment provides funding for vector control and disease surveillance services and related capital, operational, and administrative expenses. The rates of the annual assessments levied in connection with Assessment District No. 1 have remained unchanged since 1996 (\$1.92 per Benefit Unit). For FY 2017-18, Assessment District No. 1 is anticipated to yield \$1.6 million.

Assessment District No. 2: This assessment was established in 2004 and is known as the Mosquito, Fire Ant, and Disease Control Assessment and may be used to fund new and enhanced vector-control programs. The initial maximum assessment rate balloted and established by the voters in FY 2004-05, was \$5.42 per Single Family Equivalent unit (SFE). The authority granted by the voter-approved ballot includes an annual adjustment to the maximum authorized assessment rate equal to the annual change in the Consumer Price Index for the Los Angeles area, not to exceed 3%. Because of higher property tax revenues and grants, the District is able to keep the Assessment District No. 2 rate at the FY 2016-17 rate of \$6.72 per benefit unit. This levy is \$0.54 less than the maximum allowable assessment rate of \$7.26. For FY 2017-18, Assessment District No. 2 is anticipated to yield \$5.7 million.

The following chart shows the historical levy by fiscal year.

Assessment District #2

FY	CPI History	Maximum Authorized Assessment Rate	Actual/ Proposed Assessment Rate Levied
2004-05	N/A	\$5.42	\$5.42
2005-06	3.66%	\$5.58	\$5.30
2006-07	5.42%	\$5.75	\$5.25
2007-08	3.20%	\$5.92	\$5.14
2008-09	3.92%	\$6.10	\$5.10
2009-10	-0.09%	\$6.28	\$5.06
2010-11	1.76%	\$6.46	\$5.02
2011-12	1.80%	\$6.58	\$5.02
2012-13	2.09%	\$6.72	\$5.02
2013-14	1.95%	\$6.85	\$5.02
2014-15	0.77%	\$6.90	\$5.02
2015-16	-0.05%	\$6.89	\$6.02
2016-17	3.10%	\$7.10	\$6.72
2017-18	2.11%	\$7.26	\$6.72 PROPOSED

If authorized by the Board of Trustees as a part of this budget, the public hearing and vote to approve the proposed Assessment District #2 rate for FY 2017-18 of \$6.72 shall take place at the June 2017 Board of Trustees meeting.

Expenditures

For FY 2017-18, the Budget Expenditure Summary is as follows:

All Funds	FY 2016-17 Budget	FY 2016-17 Estimated	FY 2017-18 Proposed
Personnel	\$ 8,853,710	\$ 8,530,400	\$ 9,671,100
Maintenance & Operations	3,798,100	3,671,500	3,812,600
Capital Outlay	855,200	539,500	810,000
TOTAL	\$ 13,507,010	\$ 12,741,400	\$ 14,293,700
			CHANGE 5.8%

Operating Expenditures

The primary objective when putting together the District's operating budget is to allocate resources in a manner that continues to support the highest level of protection from vectors and vector-borne diseases to the citizens of Orange County. The proposed FY 2017-18 budget continues the program enhancements which were begun in FY 2016-17, including the *Aedes* Response Team, the West Nile Virus Strike Team, expansion of the underground storm drain teams, and the implementation of the education and outreach programs. The District found these programs to be effective in support of the overall mission of protecting the public's health from vector-borne diseases.

Operating expenditures are separated into the categories of Personnel and Maintenance & Operations costs. These proposed operating expenditures are discussed in more detail below.

Personnel:

Personnel costs make up approximately 70% of the District's total operating expenditures. During FY 2016-17 the District authorized 63 regular full-time employees and \$1.67 million of salaries for seasonal and extra-help staff. The FY 2017-18 Proposed Budget includes 65 regular full-time employees and \$1.74 million of salaries for seasonal and extra help staff. The fully burdened cost for all District personnel, including regular full-time, seasonal and extra help is \$9,671,100.

The personnel costs include all amounts which changed as a result of finalizing the 3-year Memorandum of Understanding between the District and the Orange County Mosquito and Vector Control District Employees' Association. Additionally, the costs of two proposed new full-time positions are included. Proposed new staff include 1) a position to manage and oversee the seasonal employees hired each year 2) and a position of Information Technology (IT) Manager to manage the District's IT needs as it continues to transition from outsourcing IT responsibilities to integrating and managing most IT functions in-house.

Maintenance and Operations Expenditures:

Executive Department

The executive department proposes reduced operations costs of \$198,100, mainly as a result of the completion of the Discovery Cube exhibit and reductions in anticipated legal fees. The total proposed operations budget for the executive department is \$509,400. As previously mentioned, the District's Trustees are making use of opportunities to attend vector conferences and meetings, resulting in a budget increase of \$11,000 for Executive Department conferences and meetings.

Administrative Services Department

Operations costs budgeted for administrative services are proposed to be \$994,950. These costs are proposed to remain at approximately the same level as in the prior year with the exception of insurance costs which are anticipated to increase by \$215,000 over FY 2016-17. As a result of recent workers' compensation claims, the workers' compensation premium for FY 2017-18 is expected to increase by \$175,000 over the FY 2016-17 budgeted amount. In addition, general liability and property insurances are expected to increase by \$40,000.

Scientific Technical Services Department

To combat the high WNV infection rate and introduction of the invasive *Aedes* mosquito species, the estimated supplies and operations cost for heightened mosquito and disease surveillance in FY 2017-18 is projected to be \$234,000, an increase of \$3,200 (1.4%) over FY 2016-17. The increase is a result of the need to run tests for additional diseases on each batch of mosquitoes offset by reductions in the planned cost of contracted research.

Operations Department

Total maintenance and operating costs for the operations department are budgeted to be \$1.3 million, an increase of \$83,000 over the prior year. The majority of the department's maintenance and operations costs are for fuel and pesticides, and those are budgeted to remain at the FY 2016-17 budgeted amounts of \$200,000 and \$650,000, respectively. The two largest changes are helicopter service charges of \$55,000 (to perform larviciding treatments where access is limited) and \$39,000 for digital mapping charges.

Communications Department

The Communications Department is responsible for communication with the public as well as internal communication in the form of Information Technology (IT). Overall, the department's maintenance and operations costs are proposed to decrease by a net amount of \$93,400. In FY 2016-17, the District implemented plans for enhanced public education about the habits and dangers of existing and invasive mosquitoes. The FY 2017-18 budget proposes to continue the education and outreach programs and increase operational costs by a net of \$20,000. This increase encompasses a proposed \$75,000 reduction for vector awareness advertising and replacing that cost with a \$95,000 increase for public relations services.

The IT division is transitioning from outsourcing IT responsibilities to integrating and managing most IT functions in-house. For FY 2017-18, contracts of more than \$110,000 have been eliminated by bringing IT management in-house. As a result, the maintenance and operations cost of IT functions are expected to decrease by \$114,000.

Facilities Improvement Fund

Operating expenditures total \$32,500 for FY 2017-18, a decrease of \$40,000 from the prior year which reflects an anticipated reduction of non-capital repairs and maintenance of the Haster Business Park facilities.

Retiree Medical Insurance

The most recent GASB 43 & 45 actuarial valuation of the District's retiree health insurance program reported that retiree medical costs continue to be fully funded within the trust fund established in previous years. As a result, it is recommended that the District continue to collect reimbursement from the Retiree Medical Trust for all District-funded costs incurred until the next valuation. As a result, FY 2017-18 expenditures of \$174,000 are expected to be fully reimbursed by a combination of retirees and the Retiree Medical Trust account.

Capital Outlay

Total capital outlay costs are proposed to be \$810,000 in FY 2017-18 including Operating Fund and Facility Improvement Fund expenditures.

Operating Fund: Total operating fund capital outlay costs are proposed to be \$295,000 for FY 2017-18 and include the following items to be acquired:

- Administrative Services items totaling \$10,000 for enhancements to filing systems and new printing and scanning equipment.
- Laboratory items totaling \$10,000 for additional testing equipment.
- Vehicles totaling \$160,000: Three trucks with shells, 2 hybrid vehicles, and one golf cart.
- Replacement and enhancement of surveillance cameras at District facilities totaling \$50,000.
- Computer and IT replacements and upgrades totaling \$65,000.

Facility Improvement Fund: Total Facility Improvement Fund capital outlay costs are proposed to be \$515,000 and include the following:

- \$115,000 to repave the parking lot at the main District facilities. This work was originally budgeted to happen during FY 2016-17, but due to time constraints, the work will not be completed by June 30, 2017. The \$115,000 is being re-budgeted in FY 2017-18.
- New HVAC for the Haster Business Park units totaling \$200,000.
- New roof for Haster Business Park facility totaling \$200,000.

Conclusion

As is customary, staff will continue to monitor revenues and expenditures throughout the fiscal year and will make recommendations on modifications as necessary to ensure the District is able to provide quality services while maintaining a balanced budget.

The proposed FY 2017-18 budget is balanced, where revenues meet expenditures and addresses the many challenges facing the District, including escalating WNV cases and introduction of invasive *Aedes* mosquito species. District staff is committed to achieving its mission of protecting the health of all those living, working and playing in Orange County.

It is without a doubt that District employees are its greatest asset and most effective outreach resource. Staff takes pride in protecting the health of everyone who lives, works and plays in Orange County.

RH/jm

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Fund Balance Sheet

		FISCAL YEAR 2017-18						
Fund No.	Fund Name	2015-16 Actual Balance	2016-17 Estimated Balance	2017-18 Proposed Revenues	2017-18 Proposed Expenditures	2017-18 Proposed Transfers	2017-18 Proposed Balance	Net (Use of)/ Addition to Reserves
10	Operating	\$ 8,055,430	\$ 8,910,680	\$ 13,671,200	\$ 13,572,200	\$ (2,223,500)	\$ 6,786,180	\$ (2,124,500)
20	Vehicle Replacement	525,561	630,261	20,000	-	650,000	1,300,261	670,000
30	Liability Reserve	457,878	462,078	4,500	-	-	466,578	4,500
40	Equipment Replacement	368,865	374,065	3,500	-	128,000	505,565	131,500
50	Emergency Vector Control	1,145,120	1,156,520	11,500	-	-	1,168,020	11,500
60	Facilities Improvement	1,197,186	1,378,986	286,500	547,500	945,500	2,063,486	684,500
70	Habitat Remediation	186,536	186,536	-	-	-	186,536	-
75	Environmental Fund	12,064	12,064	-	-	-	12,064	-
90	Retiree Medical Insurance	168,668	168,668	174,000	174,000	-	168,668	-
95	Retirement Contingency	1,054,931	1,062,331	7,500	-	500,000	1,569,831	507,500
		\$ 13,172,239	\$ 14,342,189	\$ 14,178,700	\$ 14,293,700	\$ -	\$ 14,227,189	\$ (115,000)

		FISCAL YEAR 2018-19						
Fund No.	Fund Name	2016-17 Estimated Balance	2017-18 Proposed Balance	2018-19 Proposed Revenues	2018-19 Proposed Expenditures	2018-19 Proposed Transfers	2018-19 Proposed Balance	Net (Use of)/ Addition to Reserves
10	Operating	\$ 8,910,680	\$ 6,786,180	\$ 13,796,900	\$ 13,665,400	\$ (85,000)	\$ 6,832,680	\$ 46,500
20	Vehicle Replacement	630,261	1,300,261	5,000	-	38,000	1,343,261	43,000
30	Liability Reserve	462,078	466,578	4,500	-	-	471,078	4,500
40	Equipment Replacement	374,065	505,565	3,500	-	5,000	514,065	8,500
50	Emergency Vector Control	1,156,520	1,168,020	11,500	-	-	1,179,520	11,500
60	Facilities Improvement	1,378,986	2,063,486	286,500	233,100	42,000	2,158,886	95,400
70	Habitat Remediation	186,536	186,536	-	-	-	186,536	-
75	Environmental Fund	12,064	12,064	-	-	-	12,064	-
90	Retiree Medical Insurance	168,668	168,668	177,000	177,000	-	168,668	-
95	Retirement Contingency	1,062,331	1,569,831	7,500	500,000	-	1,077,331	(492,500)
		\$ 14,342,189	\$ 14,227,189	\$ 14,292,400	\$ 14,575,500	\$ -	\$ 13,944,089	\$ (283,100)

All Funds: Source and Use of Funds

BUDGET FOR FISCAL YEAR 2017-18

<u>Use of Funds</u>	<u>Personnel</u>	<u>Maintenance & Operations</u>	<u>Capital Outlay</u>	<u>Total</u>
Expenditures:				
Operating Fund				
Executive	\$ 338,710	\$ 509,400	\$ -	\$ 848,110
Administrative Services	527,760	994,950	10,000	1,532,710
Scientific Technical Services	1,348,310	234,000	10,000	1,592,310
Operations	6,454,420	1,324,950	160,000	7,939,370
Communications	1,001,900	542,800	115,000	1,659,700
Vehicle Replacement Fund	-	-	-	-
Liability Reserve Fund	-	-	-	-
Equipment Replacement Fund	-	-	-	-
Emergency Vector Control Fund	-	-	-	-
Facilities Improvement Fund	-	32,500	515,000	547,500
Habitat Remediation Fund	-	-	-	-
Environmental Fund	-	-	-	-
Retiree Medical Insurance Fund	-	174,000	-	174,000
Retirement Contingency Fund	-	-	-	-
Total Use of Funds	\$ 9,671,100	\$ 3,812,600	\$ 810,000	14,293,700
Sources of Funds				
Revenues				14,178,700
Re-budget from FY 2016-17: parking lot paving				115,000
Total Funding Sources				14,293,700
Net (Use of)/Addition to Reserves				\$ -

PROJECTION FOR FISCAL YEAR 2018-19

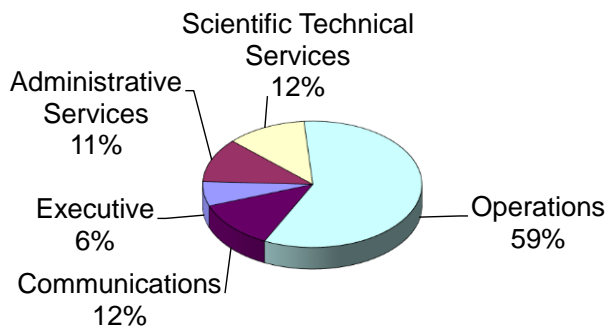
<u>Use of Funds</u>	<u>Personnel</u>	<u>Maintenance & Operations</u>	<u>Capital Outlay</u>	<u>Total</u>
Expenditures:				
Operating Fund				
Executive	\$ 346,910	\$ 491,450	\$ -	\$ 838,360
Administrative Services	541,710	975,250	5,000	1,521,960
Scientific Technical Services	1,380,010	229,000	10,000	1,619,010
Operations	6,600,200	1,319,950	160,000	8,080,150
Communications	1,125,020	410,900	70,000	1,605,920
Vehicle Replacement Fund	-	-	-	-
Liability Reserve Fund	-	-	-	-
Equipment Replacement Fund	-	-	-	-
Emergency Vector Control Fund	-	-	-	-
Facilities Improvement Fund	-	33,100	200,000	233,100
Habitat Remediation Fund	-	-	-	-
Environmental Fund	-	-	-	-
Retiree Medical Insurance Fund	-	177,000	-	177,000
Retirement Contingency Fund	-	500,000	-	500,000
Total Use of Funds	\$ 9,993,850	\$ 4,136,650	\$ 445,000	14,575,500
Sources of Funds				
Revenues				14,292,400
Total Funding Sources				14,292,400
Net (Use of)/Addition to Reserves				\$ (283,100)

Operating Fund Expenditure Summary

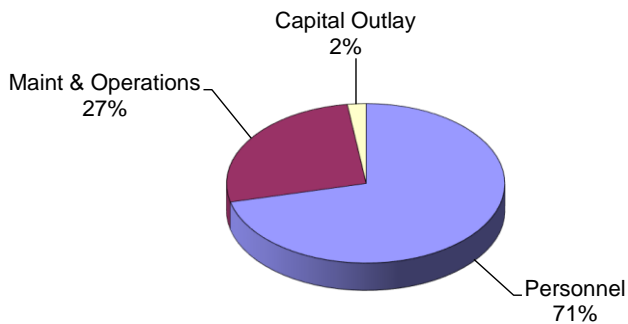
FY 2017-18	Executive	Administrative Services	Scientific Technical Services	Operations	Communications	Operating Fund Total	Percent of Total
Personnel	\$ 338,710	\$ 527,760	\$ 1,348,310	\$ 6,454,420	\$ 1,001,900	\$ 9,671,100	71%
Maint & Operations	509,400	994,950	234,000	1,324,950	542,800	3,606,100	27%
Capital Outlay	-	10,000	10,000	160,000	115,000	295,000	2%
	\$ 848,110	\$ 1,532,710	\$ 1,592,310	\$ 7,939,370	\$ 1,659,700	\$ 13,572,200	100%
Percent of Total	6%	11%	12%	58%	12%	99%	

FY 2018-19	Executive	Administrative Services	Scientific Technical Services	Operations	Communications	Operating Fund Total	Percent of Total
Personnel	\$ 346,910	\$ 541,710	\$ 1,380,010	\$ 6,600,200	\$ 1,125,020	\$ 9,993,850	73%
Maint & Operations	491,450	975,250	229,000	1,319,950	410,900	3,426,550	25%
Capital Outlay	-	5,000	10,000	160,000	70,000	245,000	2%
	\$ 838,360	\$ 1,521,960	\$ 1,619,010	\$ 8,080,150	\$ 1,605,920	\$ 13,665,400	100%
Percent of Total	6%	11%	12%	59%	12%	100%	

**Expenditures By Department
FY 2017-18**



**Expenditures By Category
FY 2017-18**



Operating Fund Expenditure Summary

BY DEPARTMENT AND EXPENDITURE TYPE

FISCAL YEAR 2017-18				
	Personnel	Maintenance & Operations	Capital Outlay	Total
Executive				
Trustees	\$ -	\$ 54,950	\$ -	\$ 54,950
District Manager	338,710	44,650	-	383,360
Legal Services	-	130,000	-	130,000
Non-Departmental	-	279,800	-	279,800
sub-total	<u>338,710</u>	<u>509,400</u>	<u>-</u>	<u>848,110</u>
Administrative Services				
Administrative Services	527,760	282,450	10,000	820,210
Insurance	-	712,500	-	712,500
sub-total	<u>527,760</u>	<u>994,950</u>	<u>10,000</u>	<u>1,532,710</u>
Scientific Technical Services	1,348,310	234,000	10,000	1,592,310
Operations				
Field Operations	5,977,200	967,700	-	6,944,900
Vehicle Maintenance	321,940	292,500	160,000	774,440
Building Maintenance	155,280	64,750	-	220,030
sub-total	<u>6,454,420</u>	<u>1,324,950</u>	<u>160,000</u>	<u>7,939,370</u>
Communications				
Public Information	492,180	320,900	15,000	828,080
Information Technology	354,700	221,000	100,000	675,700
Public Service	155,020	900	-	155,920
sub-total	<u>1,001,900</u>	<u>542,800</u>	<u>115,000</u>	<u>1,659,700</u>
Total Operating Expenditures	<u>\$ 9,671,100</u>	<u>\$ 3,606,100</u>	<u>\$ 295,000</u>	<u>13,572,200</u>

FISCAL YEAR 2018-19				
	Personnel	Maintenance & Operations	Capital Outlay	Total
Executive				
Trustees	\$ -	\$ 57,500	\$ -	\$ 57,500
District Manager	346,910	41,650	-	388,560
Legal Services	-	130,000	-	130,000
Non-Departmental	-	262,300	-	262,300
sub-total	<u>346,910</u>	<u>491,450</u>	<u>-</u>	<u>838,360</u>
Administrative Services				
Administrative Services	541,710	243,450	5,000	790,160
Insurance	-	731,800	-	731,800
sub-total	<u>541,710</u>	<u>975,250</u>	<u>5,000</u>	<u>1,521,960</u>
Scientific Technical Services	1,380,010	229,000	10,000	1,619,010
Operations				
Field Operations	6,108,600	962,700	-	7,071,300
Vehicle Maintenance	332,670	292,500	160,000	785,170
Building Maintenance	158,930	64,750	-	223,680
sub-total	<u>6,600,200</u>	<u>1,319,950</u>	<u>160,000</u>	<u>8,080,150</u>
Communications				
Public Information	519,500	232,700	10,000	762,200
Information Technology	444,840	177,300	60,000	682,140
Public Service	160,680	900	-	161,580
sub-total	<u>1,125,020</u>	<u>410,900</u>	<u>70,000</u>	<u>1,605,920</u>
Total Operating Expenditures	<u>\$ 9,993,850</u>	<u>\$ 3,426,550</u>	<u>\$ 245,000</u>	<u>13,665,400</u>

Capital Outlay Summary

	2017-18 Budget
Operating Fund	
Executive	\$ -
Administrative Services	
Laserfiche Desktop Scanner	\$ 2,000
Desktop Printer	1,500
(2) Open Shelf Filing Systems / PR & AP	6,500
	<u>10,000</u>
	\$ 10,000
Scientific Technical Services	
Plate Reader	\$ 10,000
Operations	
(3) 4 x 2 Chevrolet Colorado Trucks	\$ 75,600
(3) Camper Shells	6,800
(2) Hybrid Vehicles	65,000
Golf Cart with Enclosure	12,600
	<u>160,000</u>
	\$ 160,000
Communications	
Inflateable Mosquito - Small	\$ 10,000
Vehicle Wrap	5,000
(5) Meraki Access Points	3,000
(15) Replacement PCs	25,000
(2) Replacement MACs	7,000
(7) Replacement Servers	15,000
Security Cameras	50,000
	<u>115,000</u>
	\$ 115,000
Operating Fund Total	<u><u>\$ 295,000</u></u>
Facility Improvement Fund	
Repaving of District Parking Lot	\$ 115,000
New Roof / HBP	200,000
HVAC re: New Roof / HBP	200,000
	<u>515,000</u>
Facilities Improvement Fund	<u><u>\$ 515,000</u></u>
Total Capital Outlay	<u><u>\$ 810,000</u></u>

Personnel Summary

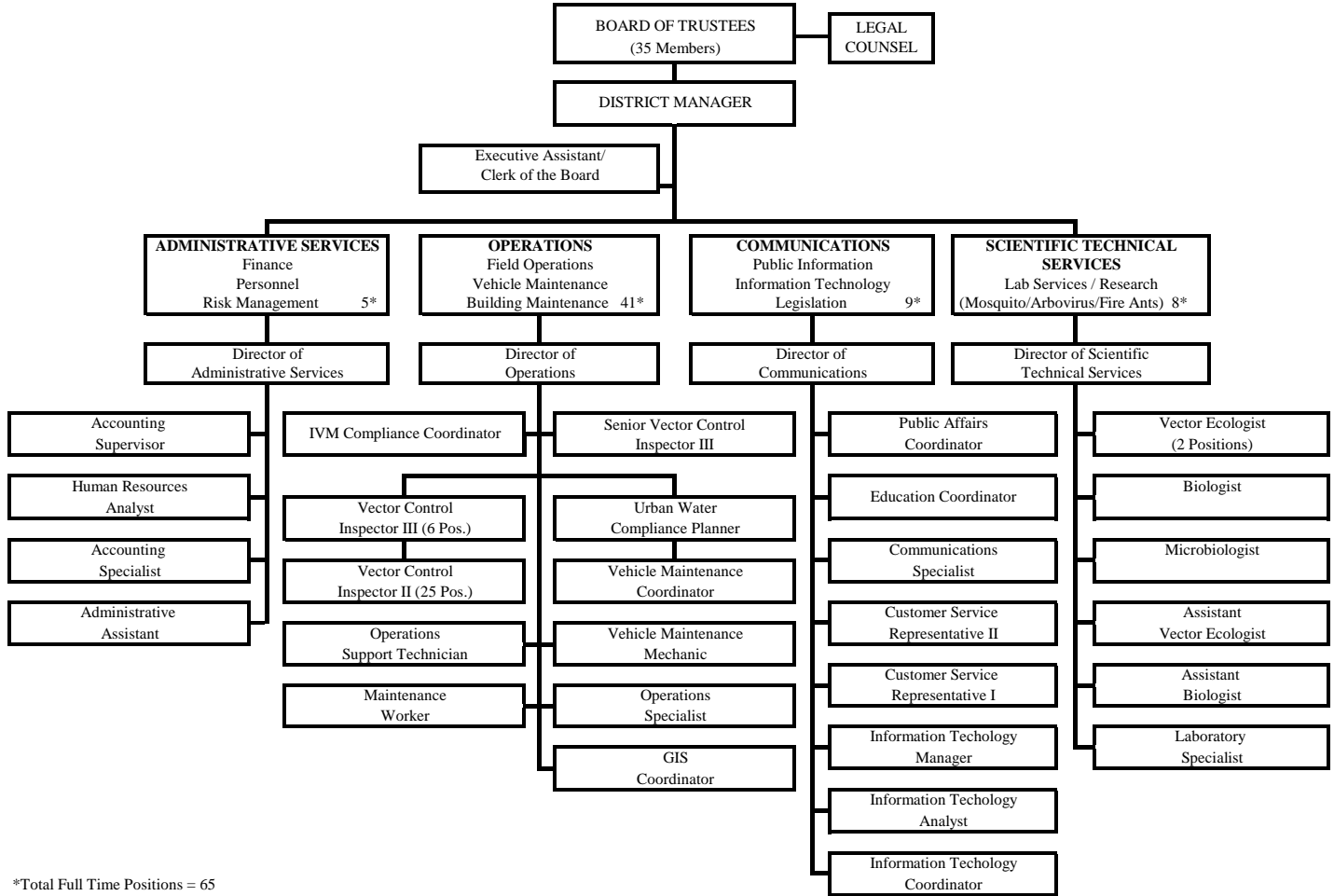
R a n g e	2014-15	2015-16	2016-17	2017-18	2018-19
	Actual	Actual	Actual	Budget	Budget
<u>Full-Time Staff (Full-Time Equivalent)</u>					
	District Manager	1	1	1	1
A-58	Executive Assistant/Clerk of the Board	1	1	1	1
A-63	Director of Administrative Services	1	1	1	1
A-53	Accounting Supervisor	1	1	1	1
A-44	Accounting Specialist	1	1	1	1
A-36	Administrative Assistant	0	1	1	1
A-44	Human Resources Specialist	1	0	0	0
A-52	Human Resources Analyst	0	1	1	1
A-65	Director of Scientific Technical Services	1	1	1	1
A-58	Biologist	1	1	1	1
A-58	Vector Ecologist	2	2	2	2
A-53	Assistant Biologist	1	1	1	1
A-53	Assistant Vector Ecologist	1	1	1	1
A-53	Microbiologist	1	1	1	1
A-44	Laboratory Specialist	1	1	1	1
A-65	Director of Operations	1	1	1	1
A-58	IVM Compliance Coordinator	0	0	1	1
A-58	Urban Water Compliance Planner	0	0	1	1
A-58	Senior Vector Control Inspector III	1	1	1	1
A-55	Vector Control Inspector III	6	6	6	6
A-50	Vector Control Inspector II	21	22	24	25
A-33	Vector Control Inspector I	0	0	0	0
A-55	GIS Coordinator	1	1	1	1
A-44	Operations Specialist	1	1	1	1
A-36	Operations Support Technician	1	1	1	1
A-55	Vehicle Maintenance Coordinator	1	1	1	1
A-50	Vehicle Maintenance Mechanic	1	1	1	1
A-48	Maintenance Worker	1	1	1	1
A-63	Director of Communications	1	1	1	1
A-53	Education Coordinator	0	0	1	1
A-53	Public Affairs Coordinator	1	1	1	1
A-59	Information Technology Manager	0	0	0	1
A-59	Information Technology Analyst	0	1	1	1
A-50	Information Technology Coordinator	1	1	1	1
A-48	Information Technology Technician	0	0	0	1
A-44	Communications Specialist	1	1	1	1
A-33	Customer Service Representative I	1	1	1	1
A-36	Customer Service Representative II	1	1	1	1
	Total Full-time Employees	55	58	63	65
<u>Seasonal/Extra Help Employees (number of hires)</u>					
	Operations Department (Note 1)	51	57	75	61
	Technical Services Department	15	15	15	15
	Communications Department	0	0	0	1
	Total Seasonal/Extra Help Employees	66	72	90	77

Note 1: FY 2016/17 budgeted increase for seasonal/extra help hires was to create new teams for WNV, Aedes, and underground treatments. FY 2017/18 had a budgeted decrease in the number of seasonal employees hired, but each seasonal employee is expected to work a higher number of hours resulting in approximately the same number of total seasonal hours worked.

Orange County Mosquito and Vector Control District

Organizational Chart

July 1, 2017



*Total Full Time Positions = 65

Revenues

Fund No.	Fund	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted	FY 2016-17 Estimate	FY 2017-18 Proposed	FY 2018-19 Projected
Operating Fund							
10.4100	Property Tax	\$ 4,968,327	\$ 5,286,671	\$ 5,350,000	\$ 5,437,400	\$ 5,631,000	\$ 5,829,000
10.4105	1996 Benefit Assessment	1,526,885	1,535,496	1,550,000	1,540,200	1,551,000	1,564,000
10.4106	2004 Benefit Assessment	4,134,186	4,987,441	5,602,000	5,626,400	5,669,600	5,713,300
10.4200	Interest	17,043	34,244	18,250	68,400	70,000	70,000
10.4300	Miscellaneous	91,533	19,997	10,000	15,000	15,000	15,000
10.4305	Pass Thru Money	365,460	382,843	225,000	385,000	400,000	400,000
10.4310	Rent for Cell Sites	38,580	66,654	26,300	28,300	26,600	26,600
10.4315	VCJPA Pooled Services	88,388	137,846	50,000	138,450	100,000	100,000
10.4320	Grants	-	-	-	121,000	138,000	9,000
10.45XX	Charges for Services	90,025	67,083	64,000	65,000	70,000	70,000
Total Operating Fund		11,320,427	12,518,275	12,895,550	13,425,150	13,671,200	13,796,900
Vehicle Replacement							
20.4200	Interest	1,886	3,195	2,200	4,700	5,000	5,000
20.4400	Sale of Vehicles	17,325	7,105	-	-	15,000	-
Total Vehicle Replacement Fund		19,211	10,300	2,200	4,700	20,000	5,000
Liability Reserve							
30.4200	Interest	1,198	2,119	1,300	4,200	4,500	4,500
Equipment Replacement							
40.4200	Interest	1,030	1,750	1,200	3,200	3,500	3,500
Emergency Vector Control							
50.4200	Interest	2,577	5,020	3,200	11,400	11,500	11,500
Facilities Improvement							
60.4100	Property Leases	329,426	337,246	290,000	290,000	275,000	275,000
60.4200	Interest	2,542	5,227	3,500	11,400	11,500	11,500
Total Facilities Improvement Fund		331,968	342,473	293,500	301,400	286,500	286,500
Retiree Medical Insurance							
90.4150	Retiree Medical Insurance	25,914	28,238	30,000	30,000	32,000	34,000
90.4151	PARS Trust Reimbursement	111,905	105,997	128,000	123,900	142,000	143,000
Total Retiree Medical Insurance Fund		137,819	134,235	158,000	153,900	174,000	177,000
Retirement Contingency							
95.4200	Interest	2,103	3,998	2,500	7,400	7,500	7,500
Grand Total All Funds		\$ 11,816,333	\$ 13,018,170	\$ 13,357,450	\$ 13,911,350	\$ 14,178,700	\$ 14,292,400

Department: Executive

Departmental Programs
Trustees
District Manager
Legal Services
Non-Departmental

Department Overview

The Orange County Mosquito and Vector Control District is a special district organized in 1947. The District is governed by a 35 member Board of Trustees representing the 34 cities of Orange County and the County at large. The Board of Trustees is the legislative body of the District and is responsible for the policies of the District and general oversight of the District's operations and performance. The Board of Trustees has seven standing committees: Executive; Policy and Personnel; Budget and Finance; Building, Property and Equipment; Operations; Public Relations; and Nuisance Abatement.

The District Manager is appointed by the Board of Trustees and serves at its pleasure. The District Manager is the Chief Executive Officer of the District. The District Manager appoints all Department Heads and is responsible for overseeing the daily operations of the District. The District Manager is assisted by an Executive Assistant/Clerk of the Board. The Executive Assistant/Clerk of the Board is responsible for the preparation of the agenda for the Trustee Board meetings and the maintaining of all official District documents and records. In addition, the Executive Assistant/Clerk of the Board provides general clerical support to the Board and District Manager.

The District Counsel advises the Board of Trustees on all matters of law in the conduct of District affairs. District Counsel prepares resolutions and contracts for consideration by the Board of Trustees. In addition, District Counsel reviews all legal documents and represents the District in matters involving litigation.

Budget Summary	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ 317,750	\$ 410,723	\$ 310,760	\$ 321,710	\$ 338,710	\$ 346,910
Maintenance & Operations	1,039,105	835,433	707,500	556,100	509,400	491,450
Capital Outlay	71,632	1,080	-	-	-	-
Total Expenditures	\$ 1,428,487	\$ 1,247,236	\$ 1,018,260	\$ 877,810	\$ 848,110	\$ 838,360
Percentage Change		-12.7%	-18.4%	-13.8%	-16.7%	-1.1%

Personnel Summary	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Full-time Positions						
District Manager	1	1	1	1	1	1
Executive Assistant / Clerk of the Board	1	1	1	1	1	1
	2	2	2	2	2	2

Department:	Executive
Program:	Trustees
Program No.:	10.110

Budget Summary

	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance & Operations	43,289	41,353	50,750	51,750	54,950	57,500
Capital Outlay	-	-	-	-	-	-
Total Expenditures	\$ 43,289	\$ 41,353	\$ 50,750	\$ 51,750	\$ 54,950	\$ 57,500

Fund:	Operating
Department:	Executive
Program:	Trustees
Program No.:	10.110

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.110.7001	Supplies/Division Expense	\$ 3,454	\$ 4,850	\$ 3,000	\$ 4,000	\$ 4,200	\$ 4,500
10.110.7902	Trustee-in-Lieu	36,800	35,900	42,000	42,000	42,000	42,000
10.110.7906	Training	-	-	750	750	750	1,000
10.110.7907	Conferences & Meetings	3,035	603	5,000	5,000	8,000	10,000
		\$ 43,289	\$ 41,353	\$ 50,750	\$ 51,750	\$ 54,950	\$ 57,500
Total Trustees		\$ 43,289	\$ 41,353	\$ 50,750	\$ 51,750	\$ 54,950	\$ 57,500

Department:	Executive
Program:	District Manager
Program No.:	10.120

Budget Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ 317,750	\$ 410,723	\$ 310,760	\$ 321,710	\$ 338,710	\$ 346,910
Maintenance & Operations	15,771	18,368	27,900	29,650	44,650	41,650
Capital Outlay	-	-	-	-	-	-
Total Expenditures	\$ 333,522	\$ 429,091	\$ 338,660	\$ 351,360	\$ 383,360	\$ 388,560

Personnel Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
Full-time Positions	Actual	Actual	Adopted	Estimate	Proposed	Projected
District Manager	1	1	1	1	1	1
Executive Assistant / Clerk of the Board	1	1	1	1	1	1
	2	2	2	2	2	2

Fund:	Operating
Department:	Executive
Program:	District Manager
Program No.:	10.120

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Personnel</i>							
10.120.6001	Salaries - Regular	\$ 237,125	\$ 244,126	\$ 245,000	\$ 245,000	\$ 262,000	\$ 270,000
10.120.6101	Comp Time Payout	2,073	4,400	-	-	1,300	1,300
10.120.6102	Vacation Payout	5,500	28,279	4,680	4,680	-	-
10.120.6103	Sick Leave Payout	2,695	64,792	2,600	2,600	2,600	2,600
10.120.6209	Unemployment Insurance	868	1,302	1,310	870	870	870
10.120.6210	Medicare & FICA	3,870	5,223	3,900	3,900	4,000	4,000
10.120.6212	Retirement	25,957	22,465	20,500	20,500	21,000	21,000
10.120.6220	Health Insurance	16,413	18,728	18,000	21,300	22,000	22,000
10.120.6230	Dental Insurance	836	904	-	1,200	1,400	1,400
10.120.6240	Life Insurance	485	493	560	560	560	560
10.120.6245	LTD Insurance	2,089	2,003	2,050	2,300	2,100	2,100
10.120.6250	Vision Insurance	139	104	-	80	200	200
10.120.6260	Accidental Death & Dismemberment	59	64	80	80	80	80
10.120.6269	Short Term Disability	-	-	-	560	1,000	1,000
10.120.6275	Deferred Compensation	8,840	7,440	7,280	7,280	7,600	7,800
10.120.6290	Auto Allowance	10,800	10,400	4,800	10,800	12,000	12,000
		\$ 317,750	\$ 410,723	\$ 310,760	\$ 321,710	\$ 338,710	\$ 346,910

Department:	Executive
Program:	District Manager
Program No.:	10.120

Fund:	Operating
Department:	Executive
Program:	District Manager
Program No.:	10.120

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.120.7001	Supplies/Division Expense	\$ 731	\$ 1,713	\$ 600	\$ 1,800	\$ 2,000	\$ 2,000
10.120.7003	Minor Office Equipment	866	216	500	500	800	800
10.120.7006	Postage	555	477	2,500	500	500	500
10.120.7019	Publications	-	3	1,000	100	100	100
10.120.7022	Public Relations	1,440	298	1,000	-	500	500
10.120.7110	Cellular Service	542	1,182	800	1,250	1,250	1,250
10.120.7901	Employee Appreciation	5,232	9,220	10,000	14,000	20,000	15,000
10.120.7906	Training	13	-	1,500	1,500	1,500	1,500
10.120.7907	Conferences & Meetings	6,391	5,259	10,000	10,000	18,000	20,000
		\$ 15,771	\$ 18,368	\$ 27,900	\$ 29,650	\$ 44,650	\$ 41,650
<i>Capital Outlay</i>							
10.120.8100	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total District Manager		\$ 333,522	\$ 429,091	\$ 338,660	\$ 351,360	\$ 383,360	\$ 388,560

Department:	Executive
Program:	Legal Services
Program No.:	10.130

Budget Summary							
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19	
	Actual	Actual	Adopted	Estimate	Proposed	Projected	
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance & Operations	137,889	190,221	195,000	102,500	130,000	130,000	
Capital Outlay	-	-	-	-	-	-	-
Total Expenditures	\$ 137,889	\$ 190,221	\$ 195,000	\$ 102,500	\$ 130,000	\$ 130,000	

Fund:	Operating
Department:	Executive
Program:	Legal Services
Program No.:	10.130

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.130.7507	District Counsel	\$ 63,733	\$ 111,824	\$ 100,000	\$ 60,000	\$ 75,000	\$ 75,000
10.130.7508	Labor Counsel	50,839	49,166	65,000	40,000	50,000	50,000
10.130.7514	Professional Services	23,317	29,231	30,000	2,500	5,000	5,000
		\$ 137,889	\$ 190,221	\$ 195,000	\$ 102,500	\$ 130,000	\$ 130,000
<i>Total Legal Services</i>		\$ 137,889	\$ 190,221	\$ 195,000	\$ 102,500	\$ 130,000	\$ 130,000

Department:	Executive
Program:	Non-Departmental
Program No.:	10.140

Budget Summary		2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance & Operations		842,155	585,491	433,850	372,200	279,800	262,300
Capital Outlay		71,632	1,080	-	-	-	-
Total Expenditures		\$ 913,787	\$ 586,571	\$ 433,850	\$ 372,200	\$ 279,800	\$ 262,300

Fund:	Operating
Department:	Executive
Program:	Non-Departmental
Program No.:	10.140

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Maintenance & Operations							
10.140.7001	Supplies/Division Expense	\$ 6,236	\$ 8,363	\$ 6,800	\$ 6,800	\$ 7,000	\$ 7,000
10.140.7005	Household Expense	9,243	11,875	10,000	10,000	10,500	10,500
10.140.7006	Postage	191	(137)	750	200	300	300
10.140.7026	Disaster Preparedness	140	1,435	17,800	21,500	15,000	15,000
10.140.7120	Telephone	37,577	40,550	45,000	32,000	35,000	35,000
10.140.7210	Electricity	54,753	63,223	65,000	60,000	65,000	65,000
10.140.7220	Natural Gas	2,474	1,110	5,500	1,000	1,000	1,000
10.140.7230	Water	4,481	3,746	5,000	3,000	3,000	3,500
10.140.7325	Settlement/Claims Paid	100,000	-	-	-	-	-
10.140.7403	Lease & Rental of Equipment	9,213	9,703	10,500	10,500	10,500	12,000
10.140.7406	Security Alarm Expense	1,015	1,605	1,300	1,000	1,300	1,500
10.140.7410	Refuse Disposal	5,704	5,318	6,200	6,200	6,200	6,500
10.140.7514	Professional Services	65,962	41,362	15,000	10,000	10,000	20,000
10.140.7520	Records Retention & Disposal	-	17,488	35,000	20,000	50,000	20,000
10.140.7522	District Mgr Discretionary M & O	-	8,636	35,000	10,000	35,000	35,000
10.140.7530	Exhibit Development	525,000	350,000	150,000	150,000	-	-
10.140.7903	Memberships	20,166	21,214	25,000	30,000	30,000	30,000
		\$ 842,155	\$ 585,491	\$ 433,850	\$ 372,200	\$ 279,800	\$ 262,300
Capital Outlay							
10.140.8100	Equipment	\$ 71,632	\$ 1,080	\$ -	\$ -	\$ -	\$ -
		\$ 71,632	\$ 1,080	\$ -	\$ -	\$ -	\$ -
Total Non-Departmental		\$ 913,787	\$ 586,571	\$ 433,850	\$ 372,200	\$ 279,800	\$ 262,300

Department: Administrative Services

Departmental Programs

Administrative Services
Insurance

Department Overview

The Administrative Services Department provides various support functions for the District. Administrative Services is responsible for Finance and Budget, Human Resources, Risk Management (Insurance) and Payroll. Financial responsibilities include developing and monitoring the annual budget; preparing monthly financial statements, accounts payables and receivables; administering petty cash; deferred compensation programs; managing fixed assets inventories; and ensuring compliance with government accounting requirements and standards.

Human Resources coordinates the recruitment and hiring of District staff; administers employee benefits; coordinates employee relations and unemployment issues; maintains employee files; processes District vehicle incident claims; and administers the District's Personnel and Salary Resolution.

Insurance activities involve processing, resolving, and settling claims against the District, as well as claims the District has against others. The District is a member of a self-insurance pool (Vector Control Joint Powers Authority) made up of approximately 40 other California vector control districts. This organization helps administer and manage employment, workers compensation, liability, collision, property, and other claims against the District.

Budget Summary

	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Personnel	\$ 415,373	\$ 454,255	\$ 517,740	416,330	527,760	541,710
Maintenance & Operations	629,444	704,648	750,600	935,170	994,950	975,250
Capital Outlay	9,360	69,584	10,000	11,000	10,000	5,000
Total Expenditures	\$ 1,054,178	\$ 1,228,487	\$ 1,278,340	\$ 1,362,500	\$ 1,532,710	\$ 1,521,960
Percentage Change		16.5%	4.1%	6.6%	19.9%	-0.7%

Personnel Summary

	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Full-time Positions						
Director of Administrative Services	1	1	1	1	1	1
Accounting Supervisor	1	1	1	1	1	1
Accounting Specialist	1	1	1	1	1	1
Administrative Assistant	0	1	1	1	1	1
Human Resources Specialist	1	0	0	0	0	0
Human Resources Analyst	0	1	1	1	1	1
	4	5	5	5	5	5

Department:	Administrative Services
Program:	Administrative Services
Program No.:	10.210

Budget Summary						
	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Personnel	\$ 415,373	\$ 454,255	\$ 517,740	\$ 416,330	\$ 527,760	\$ 541,710
Maintenance & Operations	195,110	251,610	254,250	267,970	282,450	243,450
Capital Outlay	9,360	69,584	10,000	11,000	10,000	5,000
Total Expenditures	\$ 619,843	\$ 775,449	\$ 781,990	\$ 695,300	\$ 820,210	\$ 790,160

Personnel Summary						
	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Full-time Positions						
Director of Administrative Services	1	1	1	1	1	1
Accounting Supervisor	1	1	1	1	1	1
Accounting Specialist	1	1	1	1	1	1
Administrative Assistant	0	0	1	1	1	1
Human Resources Specialist	1	1	0	0	0	0
Human Resources Analyst	0	0	1	1	1	1
	4	4	5	5	5	5

Fund:	Operating
Department:	Administrative Services
Program:	Administrative Services
Program No.:	10.210

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
	Personnel						
10.210.6001	Salaries - Regular	\$ 313,958	\$ 325,458	\$ 385,000	\$ 296,500	\$ 408,000	\$ 421,000
10.210.6002	Extra Help/Seasonal	-	3,525	5,000	-	-	-
10.210.6004	Bilingual Pay	624	624	630	960	1,250	1,250
10.210.6007	Carpool Incentive Pay	160	-	260	-	-	-
10.210.6101	Comp Time Payout	4,196	8,853	6,000	15,000	6,000	6,000
10.210.6102	Vacation Payout	4,489	13,256	4,500	5,200	3,300	3,400
10.210.6103	Sick Leave Payout	-	-	-	-	-	-
10.210.6209	Unemployment Insurance	1,736	3,271	2,200	2,200	2,200	2,200
10.210.6210	Medicare and FICA	4,807	5,336	6,050	6,050	6,700	6,900
10.210.6212	Retirement	31,731	28,538	32,500	26,000	31,000	32,000
10.210.6220	Health Insurance	32,623	42,870	47,500	43,500	35,000	34,000
10.210.6230	Dental Insurance	967	4,123	-	4,000	3,500	3,500
10.210.6240	Life Insurance	878	990	1,150	950	1,110	1,110
10.210.6245	LTD Insurance	3,009	3,028	3,800	3,000	3,600	3,600
10.210.6250	Vision Insurance	367	697	-	700	800	800
10.210.6260	Accidental Death & Dismemberment	108	126	150	150	150	150
10.210.6269	Short Term Disability	-	-	-	700	1,500	1,500
10.210.6275	Deferred Compensation	10,920	10,360	18,200	10,220	18,850	19,500
10.210.6290	Auto Allowance	4,800	3,200	4,800	1,200	4,800	4,800
		\$ 415,373	\$ 454,255	\$ 517,740	\$ 416,330	\$ 527,760	\$ 541,710

Department:	Administrative Services
Program:	Administrative Services
Program No.:	10.210

Fund:	Operating
Department:	Administrative Services
Program:	Administrative Services
Program No.:	10.210

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.210.7001	Supplies/Division Expense	\$ 3,028	\$ 4,453	\$ 4,000	\$ 3,000	\$ 3,000	\$ 3,000
10.210.7003	Minor Office Equipment	88	6,935	1,000	1,000	1,000	1,000
10.210.7006	Postage	971	1,014	1,100	1,000	1,000	1,000
10.210.7007	Printing Costs	1,370	767	1,600	1,600	1,500	1,500
10.210.7018	Employee Physicals & First Aid	13,440	19,712	22,500	22,500	24,000	24,000
10.210.7020	HR Recruitment Expense	8,304	16,339	15,000	15,000	18,000	18,000
10.210.7021	Auto Incident Administration	10	-	100	100	100	100
10.210.7022	Public Relations	417	130	200	100	200	200
10.210.7110	Cellular Service	144	125	150	70	150	150
10.210.7504	Auditing Contract	11,725	13,681	13,600	13,600	15,000	15,000
10.210.7511	Software Maintenance	15,251	15,959	30,000	30,000	20,000	20,000
10.210.7514	Professional Services	51,247	80,043	60,000	75,000	90,000	50,000
10.210.7701	Administrative Fees	8,669	8,810	9,500	9,500	10,000	10,000
10.210.7702	Assessment Expense	27,446	27,703	30,000	30,000	30,000	30,000
10.210.7703	Taxes & Assessments	5,986	12,586	9,000	10,000	10,000	11,000
10.210.7704	Tax Collections Charge	36,705	34,560	42,500	42,500	42,500	42,500
10.210.7903	Memberships	964	1,295	2,500	2,500	2,500	2,500
10.210.7904	Tuition Reimbursement	-	483	-	-	-	-
10.210.7905	Mileage Reimbursement	-	-	-	-	-	-
10.210.7906	Training	783	647	1,500	500	1,500	1,500
10.210.7907	Conferences & Meetings	8,563	6,368	10,000	10,000	12,000	12,000
		\$ 195,110	\$ 251,610	\$ 254,250	\$ 267,970	\$ 282,450	\$ 243,450
<i>Capital Outlay</i>							
10.210.8100	Equipment	\$ 9,360	\$ 69,584	\$ 10,000	\$ 11,000	\$ 10,000	\$ 5,000
		\$ 9,360	\$ 69,584	\$ 10,000	\$ 11,000	\$ 10,000	\$ 5,000
Total Administrative Services		\$ 619,843	\$ 775,449	\$ 781,990	\$ 695,300	\$ 820,210	\$ 790,160

Department:	Administrative Services
Program:	Insurance
Program No.:	10.220

Budget Summary	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance & Operations	434,335	453,038	496,350	667,200	712,500	731,800
Capital Outlay	-	-	-	-	-	-
Total Expenditures	\$ 434,335	\$ 453,038	\$ 496,350	\$ 667,200	\$ 712,500	\$ 731,800

Fund:	Operating
Department:	Administrative Services
Program:	Insurance
Program No.:	10.220

Account Number	Expenditure Classification	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimate	Proposed	Projected
<i>Maintenance & Operations</i>							
10.220.7310	Workers Compensation	\$ 278,084	\$ 292,515	\$ 325,000	\$ 462,550	\$ 500,000	\$ 500,000
10.220.7320	General Liability	107,771	109,796	115,000	136,670	140,000	150,000
10.220.7330	Property Insurance & Admin Costs	27,530	26,273	30,000	45,130	46,000	50,000
10.220.7340	Earthquake Insurance	20,950	23,240	25,000	21,570	25,000	30,000
10.220.7360	Group Fidelity Premium	-	1,214	1,350	1,280	1,500	1,800
Total Insurance		\$ 434,335	\$ 453,038	\$ 496,350	\$ 667,200	\$ 712,500	\$ 731,800

Department: Scientific Technical Services

Departmental Programs

Scientific Technical Services

Department Overview

The Department of Scientific Technical Services conducts routine surveillance for several mosquito-borne diseases (West Nile virus, St. Louis encephalitis, and Western Equine encephalomyelitis), rodent-borne diseases (hantavirus and bubonic plague), tick-borne diseases (Lyme Borreliosis and Rocky Mountain spotted fever), and small mammal-reservoired diseases (murine and flea-borne typhus) throughout Orange County. The Department's environmental biologists develop vector minimization guidelines for other governmental regulatory agencies, make assessments of potential vector-producing sites as the result of residential development projects, monitor Best Management Practice (BMP) wetland usage, and oversees mosquito fish production and distribution. Additionally, Scientific Technical Services personnel proactively investigate re-emerging and emerging public health threats, such as Chagas' disease, Pacific Coast Tick Fever, and the introduction of new pests (brown widow spider, bark scorpion, and invasive Aedes mosquito species). Staff members also provide technical assistance to the Operations Department, specimen identification services, and advice for the public on pests and vector-borne diseases.

Budget Summary

	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Personnel	\$ 1,110,908	\$ 1,184,088	\$ 1,265,750	\$ 1,213,440	\$ 1,348,310	\$ 1,380,010
Maintenance & Operations	173,169	225,131	230,790	223,880	234,000	229,000
Capital Outlay	-	19,303	51,000	55,000	10,000	10,000
Total Expenditures	\$ 1,284,077	\$ 1,428,522	\$ 1,547,540	\$ 1,492,320	\$ 1,592,310	\$ 1,619,010
Percentage Change		11.2%	8.3%	-3.6%	2.9%	1.7%

Personnel Summary

	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Full-time Positions						
Director of Scientific Technical Services	1	1	1	1	1	1
Biologist	1	1	1	1	1	1
Vector Ecologist	2	2	2	2	2	2
Assistant Biologist	1	1	1	1	1	1
Assistant Vector Ecologist	1	1	1	1	1	1
Microbiologist	1	1	1	1	1	1
Laboratory Specialist	1	1	1	1	1	1
	8	8	8	8	8	8

Department:	Scientific Technical Services
Program:	Technical Services
Program No.:	10.310

Budget Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ 1,110,908	\$ 1,184,088	\$ 1,265,750	\$ 1,213,440	\$ 1,348,310	\$ 1,380,010
Maintenance & Operations	173,169	225,131	230,790	223,880	234,000	229,000
Capital Outlay	-	19,303	51,000	55,000	10,000	10,000
Total Expenditures	\$ 1,284,077	\$ 1,428,522	\$ 1,547,540	\$ 1,492,320	\$ 1,592,310	\$ 1,619,010

Personnel Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
Full-time Positions	Actual	Actual	Adopted	Estimate	Proposed	Projected
Director of Scientific Technical Services	1	1	1	1	1	1
Biologist	1	1	1	1	1	1
Vector Ecologist	2	2	2	2	2	2
Assistant Biologist	1	1	1	1	1	1
Assistant Vector Ecologist	1	1	1	1	1	1
Microbiologist	1	1	1	1	1	1
Laboratory Specialist	1	1	1	1	1	1
	8	8	8	8	8	8

Fund:	Operating
Department:	Scientific Technical Services
Program:	Technical Services
Program No.:	10.310

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Personnel</i>							
10.310.6001	Salaries - Regular	\$ 662,780	\$ 681,922	\$ 710,000	\$ 695,000	\$ 764,000	\$ 779,000
10.310.6002	Extra Help/Seasonal	212,705	256,959	300,000	265,000	307,000	307,000
10.310.6003	Overtime	1,643	646	-	100	500	500
10.310.6004	Bilingual Pay	624	624	630	650	630	630
10.310.6007	Carpool Incentive Pay	520	520	520	540	520	520
10.310.6101	Comp Time Payout	5,626	6,358	12,500	12,500	16,500	17,000
10.310.6102	Vacation Payout	5,690	5,046	4,500	4,500	5,000	5,200
10.310.6103	Sick Leave Payout	1,298	2,286	2,580	1,400	2,700	2,700
10.310.6209	Unemployment Insurance	10,190	12,608	11,500	11,500	10,500	12,000
10.310.6210	Medicare & FICA	15,098	14,407	15,800	15,800	16,500	17,000
10.310.6212	Retirement	68,642	69,211	69,300	69,300	68,000	69,500
10.310.6220	Health Insurance	88,039	95,574	96,000	92,000	101,400	113,000
10.310.6230	Dental Insurance	2,867	3,255	-	5,800	6,000	6,200
10.310.6240	Life Insurance	2,017	1,932	1,850	1,850	2,050	2,050
10.310.6245	LTD Insurance	6,337	6,348	6,350	6,800	7,600	7,300
10.310.6250	Vision Insurance	471	420	-	1,000	1,000	1,000
10.310.6260	Accidental Death & Dismemberment	241	252	300	300	310	310
10.310.6269	Short Term Disability	-	-	-	1,600	3,100	3,100
10.310.6275	Deferred Compensation	21,320	21,320	29,120	23,000	30,200	31,200
10.310.6290	Auto Allowance	4,800	4,400	4,800	4,800	4,800	4,800
		\$ 1,110,908	\$ 1,184,088	\$ 1,265,750	\$ 1,213,440	\$ 1,348,310	\$ 1,380,010

Department:	Scientific Technical Services
Program:	Technical Services
Program No.:	10.310

Fund:	Operating
Department:	Scientific Technical Services
Program:	Technical Services
Program No.:	10.310

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.310.7001	Supplies/Division Expense	\$ 3,002	\$ 2,068	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
10.310.7003	Minor Office Equipment	217	3,200	1,000	1,000	1,000	1,000
10.310.7004	Uniforms	3,334	3,058	6,000	6,500	6,500	6,500
10.310.7006	Postage	716	735	2,000	2,000	2,000	2,000
10.310.7008	Micro Lab	33,233	45,621	40,000	54,500	55,000	55,000
10.310.7009	Field Lab	11,531	23,439	30,000	30,000	40,000	40,000
10.310.7010	Environmental Biology	10,546	20,936	28,000	28,000	30,000	30,000
10.310.7011	Disease Surveillance	2,578	3,529	7,000	2,500	-	-
10.310.7012	General Lab Supplies	44,023	39,478	35,000	35,000	40,000	40,000
10.310.7017	Protective Equipment	521	590	1,000	1,000	1,000	1,000
10.310.7019	Publications	1,358	1,280	1,500	2,100	2,000	2,000
10.310.7110	Cellular Service	3,613	5,327	6,000	6,500	6,500	6,500
10.310.7401	Equipment Repair	6,242	9,817	5,500	4,000	4,000	4,000
10.310.7403	Lease & Rental of Equipment	1,928	3,083	2,000	3,500	4,500	4,500
10.310.7503	Contract & Applied Research	28,682	45,520	35,000	25,500	15,000	15,000
10.310.7516	Permits and Licenses	247	327	6,000	300	1,000	1,000
10.310.7801	Toll Road Transponders	540	630	540	630	700	700
10.310.7903	Memberships	1,486	1,401	1,750	1,750	1,800	1,800
10.310.7906	Training	413	499	-	600	500	500
10.310.7907	Conferences & Meetings	18,961	14,593	20,000	16,000	20,000	15,000
		\$ 173,169	\$ 225,131	\$ 230,790	\$ 223,880	\$ 234,000	\$ 229,000
<i>Capital Outlay</i>							
10.310.8100	Equipment	\$ -	\$ 19,303	\$ 51,000	\$ 55,000	\$ 10,000	\$ 10,000
		\$ -	\$ 19,303	\$ 51,000	\$ 55,000	\$ 10,000	\$ 10,000
Total Technical Services		\$ 1,284,077	\$ 1,428,522	\$ 1,547,540	\$ 1,492,320	\$ 1,592,310	\$ 1,619,010

Department: Operations

Departmental Programs

Field Operations
 Vehicle Maintenance
 Building Maintenance

Department Overview

The Operations Department is organized into three divisions:

Field Operations - This division's primary responsibility is to control mosquitos, rats, red imported fire ants, and flies. Inspectors safely, efficiently, and effectively use biorational materials to protect the public from vector-borne disease and discomfort.

Vehicle Maintenance - This Division is responsible for scheduled maintenance, repair, and replacement of District vehicles, and the fabrication of equipment used on District vehicles.

Building Maintenance - This division is responsible for the maintenance and repair of District facilities.

Budget Summary

	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Personnel	\$ 4,510,396	\$ 5,013,560	\$ 5,951,210	\$ 5,772,780	\$ 6,454,420	\$ 6,600,200
Maintenance & Operations	1,002,262	1,203,058	1,241,900	1,267,750	1,324,950	1,319,950
Capital Outlay	51,577	156,143	100,000	181,400	160,000	160,000
Total Expenditures	\$ 5,564,235	\$ 6,372,761	\$ 7,293,110	\$ 7,221,930	\$ 7,939,370	\$ 8,080,150
Percentage Change		14.53%	14.44%	-0.98%	8.86%	1.77%

Personnel Summary

Full-time Positions	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
Director of Operations	1	1	1	1	1	1
IVM Compliance Coordinator	0	0	1	1	1	1
Urban Water Compliance Planner	0	0	1	1	1	1
Senior Vector Control Inspector III	1	1	1	1	1	1
Vector Control Inspector III	6	6	6	6	6	6
Vector Control Inspector II	22	22	24	24	25	25
GIS Coordinator	0	1	1	1	1	1
Operations Specialist	1	1	1	1	1	1
Operations Support Technician	1	1	1	1	1	1
Vehicle Maintenance Coordinator	1	1	1	1	1	1
Vehicle Maintenance Mechanic	1	1	1	1	1	1
Maintenance Worker	1	1	1	1	1	1
	35	36	40	40	41	41

Department:	Operations
Program:	Field Operations
Program No.:	10.410

Budget Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ 4,164,208	\$ 4,660,356	\$ 5,516,830	\$ 5,346,600	\$ 5,977,200	\$ 6,108,600
Maintenance & Operations	726,766	930,524	907,250	953,000	967,700	962,700
Capital Outlay	-	24,585	-	35,000	-	-
Total Expenditures	\$ 4,890,974	\$ 5,615,465	\$ 6,424,080	\$ 6,334,600	\$ 6,944,900	\$ 7,071,300

Personnel Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
Full-time Positions	Actual	Actual	Adopted	Estimate	Proposed	Projected
Director of Operations	1	1	1	1	1	1
IVM Compliance Coordinator	0	0	1	1	1	1
Urban Water Compliance Planner	0	0	1	1	1	1
Senior Vector Control Inspector III	1	1	1	1	1	1
Vector Control Inspector III	6	6	6	6	6	6
Vector Control Inspector II	22	22	24	24	25	25
GIS Coordinator	0	1	1	1	1	1
Operations Specialist	1	1	1	1	1	1
	31	32	36	36	37	37

Fund:	Operating
Department:	Operations
Program:	Field Operations
Program No.:	10.410

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Personnel</i>							
10.410.6001	Salaries - Regular	\$ 2,419,769	\$ 2,550,944	\$ 2,859,050	\$ 2,800,000	\$ 3,144,000	\$ 3,261,000
10.410.6002	Extra Help/Seasonal	690,803	867,921	1,296,000	1,100,000	1,350,000	1,350,000
10.410.6003	Overtime	9,332	560	500	500	500	500
10.410.6004	Bilingual Pay	3,744	4,344	4,400	5,000	5,000	5,000
10.410.6007	Carpool Incentive Pay	1,360	2,320	2,080	1,200	1,200	1,200
10.410.6101	Comp Time Payout	132,483	189,836	159,300	159,300	170,000	180,000
10.410.6102	Vacation Payout	20,844	49,799	35,000	28,000	30,000	30,000
10.410.6103	Sick Leave Payout	6,576	7,379	7,000	7,300	7,000	7,000
10.410.6209	Unemployment Insurance	37,395	47,418	48,400	48,400	43,500	44,600
10.410.6210	Medicare & FICA	46,550	53,981	64,100	64,100	71,000	73,000
10.410.6212	Retirement	280,441	271,360	295,900	300,000	309,900	312,000
10.410.6220	Health Insurance	369,880	455,411	569,300	611,000	599,000	591,000
10.410.6230	Dental Insurance	11,194	11,772	-	27,000	30,000	30,000
10.410.6240	Life Insurance	5,376	7,099	7,700	10,500	11,000	11,000
10.410.6245	LTD Insurance	23,652	24,681	27,200	30,000	33,000	35,000
10.410.6250	Vision Insurance	2,947	2,915	-	6,800	7,000	7,200
10.410.6260	Accidental Death & Dismemberment	460	926	1,100	1,100	1,200	1,200
10.410.6269	Short Term Disability	-	-	-	6,600	12,000	12,000
10.410.6275	Deferred Compensation	96,600	107,290	135,000	135,000	147,100	152,100
10.410.6290	Auto Allowance	4,800	4,400	4,800	4,800	4,800	4,800
		\$ 4,164,208	\$ 4,660,356	\$ 5,516,830	\$ 5,346,600	\$ 5,977,200	\$ 6,108,600

Department:	Operations
Program:	Field Operations
Program No.:	10.410

Fund:	Operating
Department:	Operations
Program:	Field Operations
Program No.:	10.410

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.410.7001	Supplies/Division Expense	\$ 18,368	\$ 18,404	\$ 20,000	20,000	20,000	20,000
10.410.7003	Minor Office Equipment	176	6,378	4,500	4,500	4,500	4,500
10.410.7004	Uniforms	21,938	28,896	31,200	42,200	42,200	42,200
10.410.7006	Postage	1,019	58	150	150	150	150
10.410.7014	Pesticides	561,689	567,900	640,000	640,000	650,000	650,000
10.410.7016	Rat Bait Station Supplies	6,537	3,042	10,000	6,000	6,000	6,000
10.410.7017	Protective Equipment	17,902	32,509	31,000	31,000	31,000	31,000
10.410.7110	Cellular Service	15,514	36,217	35,000	41,200	41,200	41,200
10.410.7325	Settlement/Claims Paid	-	173,000	-	-	-	-
10.410.7401	Equipment Repair	944	59	1,000	1,000	1,000	1,000
10.410.7505	Contractual Services PCO	11,900	3,670	35,000	15,800	20,000	15,000
10.410.7506	Team Building	-	-	1,000	1,000	1,000	1,000
10.410.7513	Helicopter Service	-	-	10,000	55,000	55,000	55,000
10.410.7515	Aerial Surveillance	56,028	34,724	32,000	32,000	32,000	32,000
10.410.7605	Digital Map Products	-	-	25,000	39,250	39,250	39,250
10.410.7801	Toll Road Transponders	2,220	3,562	3,200	3,200	3,200	3,200
10.410.7903	Memberships	26	65	200	200	200	200
10.410.7904	Tuition Reimbursement	233	194	500	2,500	2,500	2,500
10.410.7906	Training	111	1,638	1,000	1,500	1,500	1,500
10.410.7907	Conferences & Meetings	12,161	11,208	16,500	16,500	17,000	17,000
10.410.7990	Project Abatement	-	9,000	10,000	-	-	-
		\$ 726,766	\$ 930,524	\$ 907,250	953,000	\$ 967,700	\$ 962,700
<i>Capital Outlay</i>							
10.410.8100	Equipment	\$ -	\$ 24,585	\$ -	35,000	\$ -	-
		\$ -	\$ 24,585	\$ -	35,000	\$ -	-
Total Field Operations		\$ 4,890,974	\$ 5,615,465	\$ 6,424,080	\$ 6,334,600	\$ 6,944,900	\$ 7,071,300

Department:	Operations
Program:	Vehicle Maintenance
Program No.:	10.430

Budget Summary	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ 227,085	\$ 232,701	\$ 305,205	\$ 289,780	\$ 321,940	\$ 332,670
Maintenance & Operations	231,029	230,281	284,500	257,500	292,500	292,500
Capital Outlay	51,577	131,558	100,000	146,400	160,000	160,000
Total Expenditures	\$ 509,691	\$ 594,540	\$ 689,705	\$ 693,680	\$ 774,440	\$ 785,170

Personnel Summary	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Full-time Positions						
Vehicle Maintenance Coordinator	1	1	1	1	1	1
Vehicle Maintenance Mechanic	1	1	1	1	1	1
Operations Support Technician	1	1	1	1	1	1
	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>

Fund:	Operating
Department:	Operations
Program:	Vehicle Maintenance
Program No.:	10.430

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
	<i>Personnel</i>						
10.430.6001	Salaries - Regular	\$ 161,797	\$ 163,861	\$ 214,000	\$ 195,000	\$ 226,000	\$ 232,100
10.430.6006	Personal Tool Allowance	780	1,260	800	1,560	1,560	1,560
10.430.6007	Carpool Incentive	-	-	-	260	520	260
10.430.6101	Comp Time Payout	10,741	8,936	7,500	10,000	6,000	8,000
10.430.6102	Vacation Payout	1,570	4,693	2,500	4,700	4,800	4,900
10.430.6209	Unemployment Insurance	868	868	1,350	950	1,310	1,310
10.430.6210	Medicare & FICA	2,516	2,564	3,500	3,500	3,600	3,600
10.430.6212	Retirement	18,080	16,284	20,000	18,600	19,000	19,600
10.430.6220	Health Insurance	22,240	24,720	41,800	41,800	42,200	44,000
10.430.6230	Dental Insurance	236	297	-	620	1,100	1,100
10.430.6240	Life Insurance	441	414	650	650	650	650
10.430.6245	LTD Insurance	1,589	1,552	2,100	2,100	2,200	2,200
10.430.6250	Vision Insurance	172	58	-	350	700	700
10.430.6260	Accidental Death & Dismemberment	54	54	85	90	90	90
10.430.6269	Short Term Disability	-	-	-	500	900	900
10.430.6275	Deferred Compensation	6,000	7,140	10,920	9,100	11,310	11,700
		<u>\$ 227,085</u>	<u>\$ 232,701</u>	<u>\$ 305,205</u>	<u>\$ 289,780</u>	<u>\$ 321,940</u>	<u>\$ 332,670</u>

Department:	Operations
Program:	Vehicle Maintenance
Program No.:	10.430

Fund:	Operating
Department:	Operations
Program:	Vehicle Maintenance
Program No.:	10.430

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
	<i>Maintenance & Operations</i>						
10.430.7001	Supplies/Division Expense	\$ 17,885	\$ 21,549	\$ 13,000	\$ 13,000	\$ 13,000	\$ 13,000
10.430.7004	Uniforms	968	1,277	700	1,700	1,700	1,700
10.430.7110	Cellular Service	113	27	300	300	300	300
10.430.7401	Equipment Repair	3,283	1,466	6,500	6,500	6,500	6,500
10.430.7802	Fuel	153,049	138,303	200,000	165,000	200,000	200,000
10.430.7803	Vehicle Parts	54,956	65,632	58,000	65,000	65,000	65,000
10.430.7804	Garage Equipment	775	1,057	5,000	5,000	5,000	5,000
10.430.7805	District Vehicle Wash	-	970	1,000	1,000	1,000	1,000
		\$ 231,029	\$ 230,281	\$ 284,500	\$ 257,500	\$ 292,500	\$ 292,500
	<i>Capital Outlay</i>						
10.430.8100	Equipment	\$ 51,577	\$ 131,558	\$ 100,000	\$ 146,400	\$ 160,000	\$ 160,000
		\$ 51,577	\$ 131,558	\$ 100,000	\$ 146,400	\$ 160,000	\$ 160,000
Total Vehicle Maintenance		\$ 509,691	\$ 594,540	\$ 689,705	\$ 693,680	\$ 774,440	\$ 785,170

Department:	Operations
Program:	Building Maintenance
Program No.:	10.440

Budget Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel	\$ 119,103	\$ 120,503	\$ 129,175	\$ 136,400	\$ 155,280	\$ 158,930
Maintenance & Operations	44,467	42,253	50,150	57,250	64,750	64,750
Capital Outlay	-	-	-	-	-	-
Total Expenditures	\$ 163,571	\$ 162,756	\$ 179,325	\$ 193,650	\$ 220,030	\$ 223,680

Personnel Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
Full-time Positions	Actual	Actual	Adopted	Estimate	Proposed	Projected
Maintenance Worker	1	1	1	1	1	1

Fund:	Operating
Department:	Operations
Program:	Building Maintenance
Program No.:	10.440

Account Number	Expenditure Classification	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimate	Proposed	Projected
Personnel							
10.440.6001	Salaries - Regular	\$ 71,096	\$ 71,859	\$ 71,000	\$ 74,000	\$ 75,300	\$ 77,500
10.440.6002	Extra Help/Seasonal	17,053	17,239	25,000	25,000	40,000	40,000
10.440.6101	Comp Time Payout	-	-	1,400	1,400	1,500	1,500
10.440.6102	Vacation Payout	-	-	-	-	-	-
10.440.6103	Sick Leave Payout	818	818	825	850	1,000	1,000
10.440.6209	Unemployment Insurance	868	868	900	870	1,400	1,400
10.440.6210	Medicare & FICA	1,258	1,289	1,400	1,400	1,550	1,650
10.440.6212	Retirement	7,940	7,195	7,350	7,600	7,500	7,600
10.440.6220	Health Insurance	15,480	16,680	16,680	20,000	21,000	22,000
10.440.6230	Dental Insurance	-	-	-	260	600	600
10.440.6240	Life Insurance	221	207	250	250	210	250
10.440.6245	LTD Insurance	702	681	700	750	700	800
10.440.6250	Vision Insurance	-	-	-	180	400	400
10.440.6260	Accidental Death & Dismemberment	27	27	30	30	30	30
10.440.6269	Short Term Disability	-	-	-	170	290	300
10.440.6275	Deferred Compensation	3,640	3,640	3,640	3,640	3,800	3,900
		\$ 119,103	\$ 120,503	\$ 129,175	\$ 136,400	\$ 155,280	\$ 158,930

Department:	Operations
Program:	Building Maintenance
Program No.:	10.440

Fund:	Operating
Department:	Operations
Program:	Building Maintenance
Program No.:	10.440

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimate	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.440.7001	Supplies/Division Expense	\$ 230	\$ 1,644	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
10.440.7002	Construction Supplies	6,077	1,456	4,000	4,000	4,000	4,000
10.440.7003	Minor Equipment	107	-	200	200	200	200
10.440.7004	Uniforms	301	516	350	350	350	350
10.440.7025	Equipment Rental	43	-	500	500	500	500
10.440.7110	Cellular Service	97	10	100	100	100	100
10.440.7401	Equipment Repair	-	38	100	100	100	100
10.440.7402	Facility Repair & Maintenance	14,433	16,388	15,000	15,000	15,000	15,000
10.440.7407	A/C & Heating Services	5,797	10,993	8,500	15,000	15,000	15,000
10.440.7408	Plumbing Services	9,433	1,078	5,000	5,000	5,000	5,000
10.440.7411	Building Security	2,276	4,470	9,000	9,000	12,000	12,000
10.440.7501	Landscape Contract	4,800	4,800	5,000	5,000	6,000	6,000
10.440.7514	Professional Services	874	860	1,400	2,000	5,500	5,500
		\$ 44,467	\$ 42,253	\$ 50,150	\$ 57,250	\$ 64,750	\$ 64,750
Total Building Maintenance		\$ 163,571	\$ 162,756	\$ 179,325	\$ 193,650	\$ 220,030	\$ 223,680

Department: Communications

Departmental Programs

Public Outreach
 Information Technology
 Public Service

Department Overview

The Communications Department is organized into three divisions:

Public Outreach - The role of this division is education; staff works to engage the residents of Orange County in the shared responsibility of vector control. The Outreach staff also builds awareness of the District and its responsibilities. Public Outreach staff is responsible for education that is required of all certified staff. This division is also responsible for building and maintaining strong education of not only the public, but District staff as well. Maintains continuing relationships with elected officials at all levels of government.

Information Technology - This Division is responsible for incorporating the effective use of current technology. The division is also responsible for training staff to use this technology to provide the highest level of service to the public.

Public Service - This division is often the first, and sometimes the only, contact the public has with the Orange County Mosquito and Vector Control District.

Budget Summary

	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
Personnel	\$ 465,351	\$ 642,326	\$ 808,250	\$ 806,140	\$ 1,001,900	\$ 1,125,020
Maintenance & Operations	300,276	334,962	636,210	495,100	542,800	410,900
Capital Outlay	55,552	31,415	324,200	212,100	115,000	70,000
Total Expenditures	\$ 821,180	\$ 1,008,703	\$ 1,768,660	\$ 1,513,340	\$ 1,659,700	\$ 1,605,920
Percentage Change		22.8%	75.3%	-14.4%	-6.2%	-3.2%

Personnel Summary

	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
Full-time Positions						
Director of Communications	1	1	1	1	1	1
Education Coordinator	0	0	1	1	1	1
Public Affairs Coordinator	1	1	1	1	1	1
Information Technology Manager	0	0	0	0	1	1
Information Technology Analyst	0	1	1	1	1	1
Information Technology Coordinator	1	1	1	1	1	1
Information Technology Technician	0	0	0	0	0	1
Communications Specialist	1	1	1	1	1	1
Customer Service Representative I	1	1	1	1	1	1
Customer Service Representative II	1	1	1	1	1	1
	6	7	8	8	9	10

Department:	Communications
Program:	Public Information
Program No.:	10.510

Budget Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimated	Proposed	Projected
Personnel	\$ 225,883	\$ 309,533	\$ 435,210	\$ 406,270	\$ 492,180	\$ 519,500
Maintenance & Operations	88,652	117,882	299,900	195,800	320,900	232,700
Capital Outlay	2,456	5,031	127,000	60,000	15,000	10,000
Total Expenditures	\$ 316,992	\$ 432,446	\$ 862,110	\$ 662,070	\$ 828,080	\$ 762,200

Personnel Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
Full-time Positions	Actual	Actual	Adopted	Estimated	Proposed	Projected
Director of Communications	1	1	1	1	1	1
Communications Specialist	1	1	1	1	1	1
Education Coordinator	0	0	1	1	1	1
Public Affairs Coordinator	1	1	1	1	1	1
	3	3	4	4	4	4

Fund:	Operating
Department:	Communications
Program:	Public Information
Program No.:	10.510

Account Number	Expenditure Classification	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimated	Proposed	Projected
Personnel							
10.510.6001	Salaries - Regular	\$ 173,465	\$ 231,048	\$ 315,000	\$ 290,000	\$ 372,500	\$ 389,000
10.510.6002	Extra Help/Seasonal	-	2,146	25,000	15,000	40,000	40,000
10.510.6003	Overtime	-	9	-	200	-	-
10.510.6005	Art Design Pay	-	-	-	-	-	-
10.510.6101	Comp Time Payout	6,031	6,318	6,500	6,500	6,200	7,100
10.510.6102	Vacation Payout	-	3,376	-	-	-	-
10.510.6103	Sick Leave Payout	677	1,114	900	1,600	-	-
10.510.6209	Unemployment Insurance	1,302	1,436	1,750	2,170	1,750	1,750
10.510.6210	Medicare & FICA	2,950	4,044	4,900	5,000	5,800	6,200
10.510.6212	Retirement	14,581	18,549	24,500	24,500	24,000	25,000
10.510.6220	Health Insurance	15,690	24,530	33,480	36,300	15,000	23,000
10.510.6230	Dental Insurance	-	-	-	420	900	900
10.510.6240	Life Insurance	432	690	900	900	900	900
10.510.6245	LTD Insurance	1,415	2,124	2,800	3,000	3,000	3,000
10.510.6250	Vision Insurance	137	559	-	700	900	900
10.510.6260	Accidental Death & Dismemberment	83	90	120	120	120	120
10.510.6269	Short Term Disability	-	-	-	500	1,230	1,230
10.510.6275	Deferred Compensation	4,320	9,100	14,560	14,560	15,080	15,600
10.510.6290	Auto Allowance	4,800	4,400	4,800	4,800	4,800	4,800
		\$ 225,883	\$ 309,533	\$ 435,210	\$ 406,270	\$ 492,180	\$ 519,500

Department:	Communications
Program:	Public Information
Program No.:	10.510

Fund:	Operating
Department:	Communications
Program:	Public Information
Program No.:	10.510

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.510.7001	Supplies/Division Expense	\$ 2,145	\$ 2,730	\$ 25,000	\$ 10,000	\$ 15,000	\$ 15,000
10.510.7002	Art Supplies	181	587	500	500	300	300
10.510.7003	Minor Office Equipment	88	78	1,000	1,000	1,000	1,000
10.510.7004	Uniforms	-	959	1,000	1,000	1,000	1,000
10.510.7006	Postage	376	303	500	500	500	500
10.510.7007	Printing Costs	42,427	59,055	50,000	50,000	65,000	65,000
10.510.7019	Publications	627	3,420	1,000	1,000	500	500
10.510.7022	Public Relations - Contract Services	18,088	-	-	15,200	95,000	10,000
10.510.7023	Promotional Supplies	2,465	14,854	7,000	10,000	10,000	10,000
10.510.7110	Cellular Service	2,194	2,136	2,500	4,200	4,200	3,500
10.510.7401	Equipment Repair	-	-	500	500	500	500
10.510.7514	Professional Services	-	4,280	35,000	35,000	20,000	20,000
10.510.7602	Outreach Event Fees	5,149	4,054	5,300	5,300	5,300	5,300
10.510.7603	Vector Awareness Advertising	80	-	150,000	40,000	75,000	75,000
10.510.7606	Multi-Media Production	1,395	3,336	1,500	2,500	2,500	2,500
10.510.7903	Memberships	225	-	500	500	500	500
10.510.7905	Mileage Reimbursement	-	11	100	100	100	100
10.510.7906	Training	17	973	1,000	1,000	5,000	5,000
10.510.7907	Conferences & Meetings	6,122	8,286	10,000	10,000	12,000	12,000
10.510.7908	Continuing Education	7,075	12,820	7,500	7,500	7,500	5,000
		\$ 88,652	\$ 117,882	\$ 299,900	\$ 195,800	\$ 320,900	\$ 232,700
<i>Capital Outlay</i>							
10.510.8100	Equipment	\$ 2,456	\$ 5,031	\$ 127,000	\$ 60,000	\$ 15,000	\$ 10,000
		\$ 2,456	\$ 5,031	\$ 127,000	\$ 60,000	\$ 15,000	\$ 10,000
Total Public Information		\$ 316,992	\$ 432,446	\$ 862,110	\$ 662,070	\$ 828,080	\$ 762,200

Department:	Communications
Program:	Information Technology
Program No.:	10.520

Budget Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimated	Proposed	Projected
Personnel	\$ 98,697	\$ 186,877	\$ 225,410	\$ 255,680	\$ 354,700	\$ 444,840
Maintenance & Operations	211,572	217,066	334,610	297,600	221,000	177,300
Capital Outlay	53,096	25,527	197,200	152,100	100,000	60,000
Total Expenditures	\$ 363,365	\$ 429,470	\$ 757,220	\$ 705,380	\$ 675,700	\$ 682,140

Personnel Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
Full-time Positions	Actual	Actual	Adopted	Estimated	Proposed	Projected
Information Technology Analyst	0	1	1	1	1	1
Information Technology Coordinator	1	1	1	1	1	1
	1	2	2	2	2	2

Fund:	Operating
Department:	Communications
Program:	Information Technology
Program No.:	10.520

Account Number	Expenditure Classification	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimated	Proposed	Projected
<i>Personnel</i>							
10.520.6001	Salaries - Regular	\$ 75,057	\$ 143,739	\$ 163,000	\$ 185,000	\$ 264,000	\$ 340,000
10.520.6002	Extra-Help/Seasonal	-	-	15,000	17,000	17,000	-
10.520.6101	Comp Time Payout	491	1,836	3,000	3,000	5,400	6,600
10.520.6102	Vacation Payout	1,440	2,160	1,500	2,160	1,200	1,200
10.520.6103	Sick Leave Payout	299	673	-	510	-	-
10.520.6209	Unemployment Insurance	434	1,302	870	1,310	1,740	1,740
10.520.6210	Medicare & FICA	1,158	2,305	2,600	2,900	4,400	5,500
10.520.6212	Retirement	8,379	11,833	14,100	16,000	19,500	24,300
10.520.6220	Health Insurance	6,679	14,293	16,080	17,000	25,000	43,000
10.520.6230	Dental Insurance	91	339	-	580	900	1,300
10.520.6240	Life Insurance	221	379	420	420	650	830
10.520.6245	LTD Insurance	741	1,334	1,500	1,700	2,300	3,100
10.520.6250	Vision Insurance	41	54	-	80	200	250
10.520.6260	Accidental Death & Dismemberment	27	50	60	60	100	120
10.520.6269	Short Term Disability	-	-	-	400	1,000	1,300
10.520.6275	Deferred Compensation	3,640	6,580	7,280	7,560	11,310	15,600
		\$ 98,697	\$ 186,877	\$ 225,410	\$ 255,680	\$ 354,700	\$ 444,840

Department:	Communications
Program:	Information Technology
Program No.:	10.520

Fund:	Operating
Department:	Communications
Program:	Information Technology
Program No.:	10.520

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
10.520.7001	Supplies/Division Expense	\$ 12,315	\$ 18,717	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000
10.520.7003	Minor Office Equipment	2,654	5,331	6,500	6,500	6,000	6,000
10.520.7024	Computer Software	18,947	23,668	70,500	50,000	41,700	29,000
10.520.7110	Cellular Service	305	312	1,500	1,500	1,800	1,800
10.520.7401	Equipment Repair	-	581	1,000	1,000	1,000	1,000
10.520.7505	IT Recovery	11,987	11,196	14,400	14,400	25,000	5,000
10.520.7510	Computer Consultant	55,763	52,783	53,510	40,000	31,000	20,000
10.520.7511	Software License	109,170	104,308	160,700	160,700	85,000	85,000
10.520.7904	Tuition Reimbursement	-	-	1,500	-	3,000	3,000
10.520.7905	Mileage Reimbursement	-	37	500	-	500	500
10.520.7906	Training	352	-	3,000	2,000	3,000	3,000
10.520.7907	Conferences & Meeting	78	133	3,500	3,500	5,000	5,000
		\$ 211,572	\$ 217,066	\$ 334,610	\$ 297,600	\$ 221,000	\$ 177,300
<i>Capital Outlay</i>							
10.520.8100	Equipment	\$ 53,096	\$ 25,527	\$ 197,200	\$ 152,100	\$ 100,000	\$ 60,000
		\$ 53,096	\$ 25,527	\$ 197,200	\$ 152,100	\$ 100,000	\$ 60,000
Total Information Technology		\$ 363,365	\$ 429,470	\$ 757,220	\$ 705,380	\$ 675,700	\$ 682,140

Department:	Communications
Program:	Public Service
Program No.:	10.530

Budget Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimated	Proposed	Projected
Personnel	\$ 140,771	\$ 145,916	\$ 147,630	\$ 144,190	\$ 155,020	\$ 160,680
Maintenance & Operations	51	14	1,700	1,700	900	900
Capital Outlay	-	857	-	-	-	-
Total Expenditures	\$ 140,823	\$ 146,787	\$ 149,330	\$ 145,890	\$ 155,920	

Personnel Summary						
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
Full-time Positions	Actual	Actual	Adopted	Estimated	Proposed	Projected
Customer Service Representative I	1	1	1	1	1	1
Customer Service Representative II	1	1	1	1	1	1
	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>

Fund:	Operating
Department:	Communications
Program:	Public Service
Program No.:	10.530

Account Number	Expenditure Classification	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimated	Proposed	Projected
	<i>Personnel</i>						
10.530.6001	Salaries - Regular	\$ 96,717	\$ 101,914	\$ 98,500	\$ 98,500	\$ 108,000	\$ 112,000
10.530.6004	Bilingual Pay	624	624	630	630	630	630
10.530.6007	Carpool Incentive	580	520	520	260	-	-
10.530.6101	Comp Time Payout	1,891	1,825	2,000	2,200	2,600	2,700
10.530.6102	Vacation Payout	288	739	750	750	800	800
10.530.6103	Sick Leave Payout	436	-	500	-	500	500
10.530.6209	Unemployment Insurance	944	1,400	870	870	870	870
10.530.6210	Medicare & FICA	1,546	1,640	1,600	1,600	1,900	2,000
10.530.6212	Retirement	11,252	8,729	8,750	8,750	7,800	8,000
10.530.6220	Health Insurance	22,428	24,914	24,800	25,900	22,000	23,000
10.530.6230	Dental Insurance	2,001	1,959	-	1,500	600	600
10.530.6240	Life Insurance	561	443	420	420	420	420
10.530.6245	LTD Insurance	1,174	935	950	990	900	900
10.530.6250	Vision Insurance	263	216	-	160	-	-
10.530.6260	Accidental Death & Dismemberment	68	58	60	60	60	60
10.530.6269	Short Term Disability	-	-	-	200	400	400
10.530.6275	Deferred Compensation	-	-	7,280	1,400	7,540	7,800
		\$ 140,771	\$ 145,916	\$ 147,630	\$ 144,190	\$ 155,020	\$ 160,680

Department:	Communications
Program:	Public Service
Program No.:	10.530

Fund:	Operating
Department:	Communications
Program:	Public Service
Program No.:	10.530

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
	<i>Maintenance & Operations</i>						
10.530.7001	Supplies/Division Expense	\$ 51	\$ 14	\$ 500	\$ 500	\$ 500	\$ 500
10.530.7003	Minor Office Equipment	-	-	200	200	200	200
10.530.7906	Training	-	-	1,000	1,000	200	200
10.530.7907	Conferences & Meetings	-	-	-	-	-	-
		\$ 51	\$ 14	\$ 1,700	\$ 1,700	\$ 900	\$ 900
	<i>Capital Outlay</i>						
10.530.8100	Equipment		\$ 857	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ 857	\$ -	\$ -	\$ -	\$ -
Total Public Service		\$ 140,823	\$ 146,787	\$ 149,330	\$ 145,890	\$ 155,920	\$ 161,580

Other Funds

Other Funds

Facilities Improvement Fund
 Habitat Remediation Fund
 Environmental Fund
 Retiree Medical Insurance Fund
 Retirement Contingency Fund

Description

The Orange County Mosquito and Vector Control District Other Funds are special funds used for specific purposes or operations.

Budget Summary

	2014-15		2015-16		2016-17		2016-17		2017-18		2018-19	
	Actual		Actual		Adopted		Estimated		Proposed		Projected	
Maintenance & Operations	\$ 212,041	\$	540,872	\$	231,100	\$	193,500	\$	206,500	\$	710,100	
Capital Outlay	113,741		38,218		370,000		80,000		515,000		200,000	
Total Expenditures	\$ 325,782	\$	579,090	\$	601,100	\$	273,500	\$	721,500	\$	910,100	

Fund:	Facilities Improvement
Program:	Facilities Improvement
Program No.:	60.000

Budget Summary							
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19	
	Actual	Actual	Adopted	Estimated	Proposed	Projected	
Maintenance & Operations - District	\$ 11,289	\$ 1,197	\$ 5,000	\$ 5,000	\$ -	\$ -	
Maintenance & Operations - HBP	69,751	63,076	67,100	34,600	32,500	33,100	
Capital Outlay	113,741	38,218	370,000	80,000	515,000	200,000	
Total Expenditures	\$ 194,781	\$ 102,491	\$ 442,100	\$ 119,600	\$ 547,500	\$ 233,100	

Fund:	Facilities Improvement
Program:	Facilities Improvement
Program No.:	60.000

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
60.000.7520	Facility Improvement	\$ 11,289	\$ 1,197	\$ 5,000	\$ 5,000		
		\$ 11,289	\$ 1,197	\$ 5,000	\$ 5,000	\$ -	\$ -
<i>Haster Business Park Expenditures:</i>							
60.600.7500	Property Management	8,148	23,687	5,000	2,000	2,000	2,000
60.600.7501	Repairs & Maintenance	30,675	14,125	35,000	3,000	5,000	5,000
60.600.7504	A/C & Heating Services	5,511	5,583	5,500	5,500	5,500	6,000
60.600.7505	Landscape & Lot Maintenance	2,249	2,100	2,500	3,000	3,000	3,000
60.600.7508	Refuse Disposal	8,451	8,510	8,500	9,000	9,000	9,000
60.600.7510	HBP Utilities	2,910	3,465	4,000	2,200	2,200	2,300
60.600.7550	Tenant Improvements	6,305	-	1,000	-	-	-
60.600.7560	Bad Debt / Write Off	-	-	-	4,200	-	-
60.600.7561	Move-In Incentive	-	-	-	-	-	-
60.600.7703	Property Taxes	5,502	5,606	5,600	5,700	5,800	5,800
		\$ 69,751	\$ 63,076	\$ 67,100	\$ 34,600	\$ 32,500	\$ 33,100
<i>Capital Outlay</i>							
60.000.8100	Equip & Improvements - District	\$ 109,741	\$ 24,667	\$ 365,000	\$ 80,000	\$ 515,000	\$ 200,000
60.600.8100	Equipment & Improvements- HBP	4,000	13,551	5,000	-	-	-
		\$ 113,741	\$ 38,218	\$ 370,000	\$ 80,000	\$ 515,000	\$ 200,000
Total Facilities Improvement		\$ 194,781	\$ 102,491	\$ 442,100	\$ 119,600	\$ 547,500	\$ 233,100

Fund:	Habitat Remediation Fund
Program:	Habitat Remediation Fund
Program No.:	70.000

Budget Summary	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
	Actual	Actual	Adopted	Estimated	Proposed	Projected
Maintenance & Operations	\$ 7,692	\$ 195	\$ 1,000	\$ -	\$ -	\$ -
Total Expenditures	\$ 7,692	\$ 195	\$ 1,000	\$ -	\$ -	\$ -

Fund:	Habitat Remediation Fund
Program:	Habitat Remediation Fund
Program No.:	70.000

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
	<i>Maintenance & Operations</i>						
70.000.7505	Habitat Remediation Contracts	\$ 7,692	\$ 195	\$ 1,000			
Total Habitat Remediation Fund		\$ 7,692	\$ 195	\$ 1,000	\$ -	\$ -	\$ -

Fund:	Environmental Fund
Program:	Environmental Fund
Program No.:	75.000

Budget Summary		2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimated	Proposed	Projected
Maintenance & Operations		\$ -	\$ 25,334	\$ -	\$ -	\$ -	\$ -
Total Expenditures		\$ -	\$ 25,334	\$ -	\$ -	\$ -	\$ -

Fund:	Environmental Fund
Program:	Environmental Fund
Program No.:	75.000

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
75.000.7525	CEQA Permit Fees	\$ -	\$ 25,334	\$ -	\$ -	\$ -	\$ -
75.000.7526	NPDES Assessment	-	-	-	-	-	-
Total Environmental Fund		\$ -	\$ 25,334	\$ -	\$ -	\$ -	\$ -

Fund:	Retiree Medical Insurance
Program:	Retiree Medical Insurance
Program No.:	90.000

Budget Summary							
	2014-15	2015-16	2016-17	2016-17	2017-18	2018-19	
	Actual	Actual	Adopted	Estimated	Proposed	Projected	
Maintenance & Operations	\$ 123,309	\$ 136,596	\$ 158,000	\$ 153,900	\$ 174,000	\$ 177,000	
Total Expenditures	\$ 123,309	\$ 136,596	\$ 158,000	\$ 153,900	\$ 174,000	\$ 177,000	

Fund:	Retiree Medical Insurance
Program:	Retiree Medical Insurance
Program No.:	90.000

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
	<i>Maintenance & Operations</i>						
90.000.7350	Medicare Premium Reimbursement	\$ 20,146	\$ 21,138	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000
90.000.7352	Retiree Medical Allowance	14,561	26,344	36,000	41,900	52,000	55,000
90.000.7355	Health Insurance Premiums	88,602	89,114	100,000	90,000	100,000	100,000
		\$ 123,309	\$ 136,596	\$ 158,000	\$ 153,900	\$ 174,000	\$ 177,000
Total Retiree Medical Insurance		\$ 123,309	\$ 136,596	\$ 158,000	\$ 153,900	\$ 174,000	\$ 177,000

Fund:	Retirement Contingency
Program:	Retirement Contingency
Program No.:	95.000

Budget Summary		2014-15	2015-16	2016-17	2016-17	2017-18	2018-19
		Actual	Actual	Adopted	Estimated	Proposed	Projected
Maintenance & Operations		\$ -	\$ 314,474	\$ -	\$ -	\$ -	\$ 500,000
Total Expenditures		\$ -	\$ 314,474	\$ -	\$ -	\$ -	\$ 500,000

Fund:	Retirement Contingency
Program:	Retirement Contingency
Program No.:	95.000

Account Number	Expenditure Classification	2014-15 Actual	2015-16 Actual	2016-17 Adopted	2016-17 Estimated	2017-18 Proposed	2018-19 Projected
<i>Maintenance & Operations</i>							
95.000.7001	O.C. Retirement System (OCERS)	\$ -	\$ 314,474	\$ -	\$ -	\$ -	\$ 500,000
		\$ -	\$ 314,474	\$ -	\$ -	\$ -	\$ 500,000
Total Retirement Contingency		\$ -	\$ 314,474	\$ -	\$ -	\$ -	\$ 500,000

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
4100	Property Tax	4,679,375	4,968,327	5,286,671	5,350,000	5,437,400	5,631,000	5,829,000
4105	1996 Benefit Assessment	1,530,353	1,526,885	1,535,496	1,550,000	1,540,200	1,551,000	1,564,000
4106	2004 Benefit Assessment	4,122,414	4,134,186	4,987,441	5,602,000	5,626,400	5,669,600	5,713,300
4200	Interest	16,363	17,043	34,244	18,250	68,400	70,000	70,000
4300	Miscellaneous	1,676	91,533	19,997	10,000	15,000	15,000	15,000
4305	Pass Thru Money	298,450	365,460	382,843	225,000	385,000	400,000	400,000
4310	Rent for Cell Site	36,151	38,580	66,654	26,300	28,300	26,600	26,600
4315	VCJPA Pooled Services	35,696	88,388	137,846	50,000	138,450	100,000	100,000
4320	State Grant Revenue	-	-	-	-	121,000	138,000	9,000
4502	California State Commisioner	7,883	14,269	7,661	8,000	8,000	8,000	8,000
4504	Irvine Ranch Water District	27,478	35,875	29,148	30,000	14,000	19,000	19,000
4505	Orange County Sanitation Distr	1,739	1,697	834	1,000	1,000	1,000	1,000
4507	University of California - Irv	68,670	24,132	14,787	10,000	18,000	18,000	18,000
4508	U.S. Weapons Marsh	9,776	9,558	8,865	10,000	18,000	18,000	18,000
4509	Misc Services Invoiced	3,785	4,494	5,788	5,000	6,000	6,000	6,000
Total Revenue		10,839,809	11,320,427	12,518,275	12,895,550	13,425,150	13,671,200	13,796,900
Salaries & Benefits		(6,510,617)	(6,819,779)	(7,704,952)	(8,853,710)	(8,530,400)	(9,671,100)	(9,993,850)
Maintenance & Operations		(2,205,037)	(3,144,218)	(3,303,232)	(3,567,000)	(3,478,000)	(3,606,100)	(3,426,550)
Capital Outlay		(328,860)	(188,121)	(277,525)	(485,200)	(459,500)	(295,000)	(245,000)
Total Expenditures		(9,044,514)	(10,152,118)	(11,285,709)	(12,905,910)	(12,467,900)	(13,572,200)	(13,665,400)
REVENUES VS EXPENDITURES		1,795,295	1,168,309	1,232,566	(10,360)	957,250	99,000	131,500
Transfers In		383,400	177,098	157,085	348,000	348,000	-	-
Transfers Out		(1,195,000)	(1,130,000)	(679,474)	(450,000)	(450,000)	(2,223,500)	(85,000)
NET INCOME		983,695	215,407	710,177	(112,360)	855,250	(2,124,500)	46,500

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
	Personnel							
6001	Salaries - Regular	(3,994,848)	(4,211,766)	(4,514,871)	(5,060,550)	(4,879,000)	(5,623,800)	(5,881,600)
6002	Extra Help / Seasonal	(824,452)	(920,560)	(1,147,790)	(1,666,000)	(1,422,000)	(1,754,000)	(1,737,000)
6003	Overtime	(362)	(10,975)	(1,215)	(500)	(800)	(1,000)	(1,000)
6004	Bilingual Pay	(4,550)	(5,616)	(6,216)	(6,290)	(7,240)	(7,510)	(7,510)
6005	Art Pay	(1,200)	-	-	-	-	-	-
6006	Tool Allowance	(720)	(780)	(1,260)	(800)	(1,560)	(1,560)	(1,560)
6007	Carpool Incentive Pay	(2,460)	(2,620)	(3,360)	(3,380)	(2,260)	(2,240)	(1,980)
6101	Comp Time Payout	(86,999)	(163,532)	(228,362)	(198,200)	(209,900)	(215,500)	(230,200)
6102	Vacation Payout	(57,756)	(39,821)	(107,348)	(53,430)	(49,990)	(45,100)	(45,500)
6103	Sick Leave Payout	(43,829)	(12,799)	(77,062)	(14,405)	(14,260)	(13,800)	(13,800)
6209	Unemployment Insurance	(53,038)	(54,606)	(70,473)	(69,150)	(69,140)	(64,140)	(66,740)
6210	Medicare & FICA	(71,377)	(79,754)	(90,789)	(103,850)	(104,250)	(115,450)	(119,850)
6212	Retirement	(607,324)	(467,002)	(454,164)	(492,900)	(491,250)	(507,700)	(519,000)
6220	Health Insurance	(477,503)	(589,472)	(717,720)	(863,640)	(908,800)	(882,600)	(915,000)
6230	Dental Insurance	(13,249)	(18,193)	(22,649)	-	(41,380)	(45,000)	(45,600)
6240	Life Insurance	(10,268)	(10,631)	(12,647)	(13,900)	(16,500)	(17,550)	(17,770)
6245	LTD Insurance	(38,186)	(40,708)	(42,686)	(47,450)	(50,640)	(55,400)	(58,000)
6250	Vision Insurance	(3,541)	(4,537)	(5,023)	-	(10,050)	(11,200)	(11,450)
6260	Accidental Death & Dismemberment	(1,287)	(1,127)	(1,647)	(1,985)	(1,990)	(2,140)	(2,160)
6269	Short Term Disability	-	-	-	-	(11,230)	(21,420)	(21,730)
6275	Deferred Comp Benefit	(145,894)	(155,280)	(172,870)	(233,280)	(211,760)	(252,790)	(265,200)
6280	Cafeteria Plan	(41,282)	-	-	-	-	-	-
6290	Auto Allowance	(30,492)	(30,000)	(26,800)	(24,000)	(26,400)	(31,200)	(31,200)
	Total Personnel	(6,510,617)	(6,819,779)	(7,704,952)	(8,853,710)	(8,530,400)	(9,671,100)	(9,993,850)

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
	Maintenance & Operations							
7001	Supplies / Division Expense	(67,668)	(67,446)	(84,505)	(94,400)	(80,600)	(86,200)	(86,500)
7002	Art & Construction Supplies	(2,054)	(6,258)	(2,043)	(4,500)	(4,500)	(4,300)	(4,300)
7003	Minor Office Equipment	(3,044)	(4,197)	(22,138)	(14,900)	(14,900)	(14,700)	(14,700)
7004	Uniforms	(22,955)	(26,540)	(34,706)	(39,250)	(51,750)	(51,750)	(51,750)
7005	Household Expense	(8,860)	(9,243)	(11,875)	(10,000)	(10,000)	(10,500)	(10,500)
7006	Postage	(5,355)	(3,826)	(2,450)	(7,000)	(4,350)	(4,450)	(4,450)
7007	Printing Costs	(27,271)	(43,796)	(59,822)	(51,600)	(51,600)	(66,500)	(66,500)
7008	Micro Lab	(25,696)	(33,233)	(45,621)	(40,000)	(54,500)	(55,000)	(55,000)
7009	Field Lab	(4,930)	(11,531)	(23,439)	(30,000)	(30,000)	(40,000)	(40,000)
7010	Environmental Biology	(12,314)	(10,546)	(20,936)	(28,000)	(28,000)	(30,000)	(30,000)
7011	Disease Surveillance	(3,848)	(2,578)	(3,529)	(7,000)	(2,500)	-	-
7012	General Lab Supplies	(30,207)	(44,023)	(39,478)	(35,000)	(35,000)	(40,000)	(40,000)
7014	Pesticides	(437,930)	(561,689)	(567,900)	(640,000)	(640,000)	(650,000)	(650,000)
7016	Rat Bait Station Supplies	(43,711)	(6,537)	(3,042)	(10,000)	(6,000)	(6,000)	(6,000)
7017	Protective Equipment	(26,824)	(18,423)	(33,099)	(32,000)	(32,000)	(32,000)	(32,000)
7018	Employee Physicals & First Aid	(12,426)	(13,440)	(19,712)	(22,500)	(22,500)	(24,000)	(24,000)
7019	Publications	(2,616)	(1,985)	(4,703)	(3,500)	(3,200)	(2,600)	(2,600)
7020	HR Recruitment Expense	(9,981)	(8,304)	(16,339)	(15,000)	(15,000)	(18,000)	(18,000)
7021	Auto Incident Administration	(32)	(10)	-	(100)	(100)	(100)	(100)
7022	Public Relations	(33,828)	(19,946)	(428)	(1,200)	(15,300)	(95,700)	(10,700)
7023	Promotional Supplies	(3,753)	(2,465)	(14,854)	(7,000)	(10,000)	(10,000)	(10,000)
7024	Computer Software	(1,793)	(18,947)	(23,668)	(70,500)	(50,000)	(41,700)	(29,000)
7025	Equipment Rental	-	(43)	-	(500)	(500)	(500)	(500)
7026	Disaster Preparedness Supplies	(1,544)	(140)	(1,435)	(17,800)	(21,500)	(15,000)	(15,000)
7110	Cellular Service	(7,116)	(22,521)	(45,336)	(46,350)	(55,120)	(55,500)	(54,800)
7120	Telephone	(31,952)	(37,577)	(40,550)	(45,000)	(32,000)	(35,000)	(35,000)
7210	Electricity	(56,035)	(54,753)	(63,223)	(65,000)	(60,000)	(65,000)	(65,000)
7220	Natural Gas	(2,449)	(2,474)	(1,110)	(5,500)	(1,000)	(1,000)	(1,000)
7230	Water	(4,021)	(4,481)	(3,746)	(5,000)	(3,000)	(3,000)	(3,500)
7310	Workers Compensation	(221,061)	(278,084)	(292,515)	(325,000)	(462,550)	(500,000)	(500,000)
7320	General Liability	(126,438)	(107,771)	(109,796)	(115,000)	(136,670)	(140,000)	(150,000)
7325	Settlement/Claims Paid	-	(100,000)	(173,000)	-	-	-	-
7330	Property Insurance & Admin Cos	(32,256)	(27,530)	(26,273)	(30,000)	(45,130)	(46,000)	(50,000)
7340	Earthquake Insurance	(26,154)	(20,950)	(23,240)	(25,000)	(21,570)	(25,000)	(30,000)

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
7360	Group Fidelity Premium	-	-	(1,214)	(1,350)	(1,280)	(1,500)	(1,800)
7401	Equipment Repair	(9,650)	(10,470)	(11,961)	(14,600)	(13,100)	(13,100)	(13,100)
7402	Facility Repair & Maintenance	(7,800)	(14,433)	(16,388)	(15,000)	(15,000)	(15,000)	(15,000)
7403	Rents & Leases of Equipment	(11,465)	(11,141)	(12,786)	(12,500)	(14,000)	(15,000)	(16,500)
7406	Security Alarm Expense	(1,105)	(1,015)	(1,605)	(1,300)	(1,000)	(1,300)	(1,500)
7407	A/C & Heating Services	(7,514)	(5,797)	(10,993)	(8,500)	(15,000)	(15,000)	(15,000)
7408	Plumbing Services	(21,973)	(9,433)	(1,078)	(5,000)	(5,000)	(5,000)	(5,000)
7410	Refuse Disposal	(6,091)	(5,704)	(5,318)	(6,200)	(6,200)	(6,200)	(6,500)
7411	Building Security	(1,568)	(2,276)	(4,470)	(9,000)	(9,000)	(12,000)	(12,000)
7501	Landscape Contract	(4,800)	(4,800)	(4,800)	(5,000)	(5,000)	(6,000)	(6,000)
7503	Contract & Applied Research	(45,410)	(28,682)	(45,520)	(35,000)	(25,500)	(15,000)	(15,000)
7504	Auditing Contract	(12,525)	(11,725)	(13,681)	(13,600)	(13,600)	(15,000)	(15,000)
7505	Contractual Services PCO	(21,123)	(11,900)	(3,670)	(35,000)	(15,800)	(20,000)	(15,000)
7505	IT Recovery	(12,782)	(11,949)	(11,196)	(14,400)	(14,400)	(25,000)	(5,000)
7506	Team Building	-	-	-	(1,000)	(1,000)	(1,000)	(1,000)
7507	District Counsel	(74,031)	(63,733)	(111,824)	(100,000)	(60,000)	(75,000)	(75,000)
7508	Labor Counsel	(7,677)	(50,839)	(49,166)	(65,000)	(40,000)	(50,000)	(50,000)
7510	Computer Consultant	(42,268)	(55,763)	(52,783)	(53,510)	(40,000)	(31,000)	(20,000)
7511	Software Maintenance	(84,461)	(124,421)	(120,267)	(190,700)	(190,700)	(105,000)	(105,000)
7513	Helicopter Service	-	-	-	(10,000)	(55,000)	(55,000)	(55,000)
7514	Professional Services	(50,284)	(141,401)	(155,776)	(141,400)	(124,500)	(130,500)	(100,500)
7515	Aerial Surveillance	(22,816)	(56,028)	(34,724)	(32,000)	(32,000)	(32,000)	(32,000)
7516	Permits and Licenses	(97)	(247)	(327)	(6,000)	(300)	(1,000)	(1,000)
7520	Records Retention & Disposal	-	-	(17,488)	(35,000)	(20,000)	(50,000)	(20,000)
7522	District Mgr Discretionary M & O	-	-	(8,636)	(35,000)	(10,000)	(35,000)	(35,000)
7530	Exhibit Development	-	(525,000)	(350,000)	(150,000)	(150,000)	-	-
7602	Outreach Event Fees	(2,863)	(5,149)	(4,054)	(5,300)	(5,300)	(5,300)	(5,300)
7603	Vector Awareness Advertising	-	(80)	-	(150,000)	(40,000)	(75,000)	(75,000)
7605	Digital Map Products	(26,250)	-	-	(25,000)	(39,250)	(39,250)	(39,250)
7606	Multi-Media Production	(1,503)	(1,395)	(3,336)	(1,500)	(2,500)	(2,500)	(2,500)
7701	Investment Administrative Fees	(8,442)	(8,669)	(8,810)	(9,500)	(9,500)	(10,000)	(10,000)
7702	Assessment Expense	(29,099)	(27,446)	(27,703)	(30,000)	(30,000)	(30,000)	(30,000)
7703	Taxes & Assessments	(6,436)	(5,986)	(12,586)	(9,000)	(10,000)	(10,000)	(11,000)
7704	Tax Collection Charge	(40,585)	(36,705)	(34,560)	(42,500)	(42,500)	(42,500)	(42,500)
7801	Toll Road Transponders	(2,748)	(2,760)	(4,192)	(3,740)	(3,830)	(3,900)	(3,900)

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2016-17	FY 2017-18	FY 2018-19
		Actual	Actual	Actual	Adopted Budget	Estimated	Budget	Projected
7802	Fuel	(154,902)	(153,048)	(138,303)	(200,000)	(165,000)	(200,000)	(200,000)
7803	Vehicle Accessories	(47,806)	(54,956)	(65,632)	(58,000)	(65,000)	(65,000)	(65,000)
7804	Garage Equipment	(3,652)	(775)	(1,057)	(5,000)	(5,000)	(5,000)	(5,000)
7805	District Vehicle Wash	(677)	-	(970)	(1,000)	(1,000)	(1,000)	(1,000)
7901	Employee Events	(7,726)	(5,232)	(9,220)	(10,000)	(14,000)	(20,000)	(15,000)
7902	Trustee-in-Lieu	(35,500)	(36,800)	(35,900)	(42,000)	(42,000)	(42,000)	(42,000)
7903	Memberships	(23,550)	(22,867)	(23,975)	(29,950)	(34,950)	(35,000)	(35,000)
7904	Tuition Reimbursement	(599)	(233)	(677)	(2,000)	(2,500)	(5,500)	(5,500)
7905	Mileage Reimbursement	-	-	(48)	(600)	(100)	(600)	(600)
7906	Training	(4,694)	(1,688)	(3,757)	(9,750)	(8,850)	(13,950)	(14,200)
7907	Conferences & Meetings	(56,378)	(55,310)	(46,450)	(75,000)	(71,000)	(92,000)	(91,000)
7908	Continuing Education	(10,065)	(7,075)	(12,820)	(7,500)	(7,500)	(7,500)	(5,000)
7990	Project Abatement	-	-	(9,000)	(10,000)	-	-	-
	Total Maintenance & Operations	(2,205,037)	(3,144,218)	(3,303,232)	(3,567,000)	(3,478,000)	(3,606,100)	(3,426,550)
8100	Equipment	(328,860)	(188,121)	(277,525)	(485,200)	(459,500)	(295,000)	(245,000)
	Total Capital Outlay	(328,860)	(188,121)	(277,525)	(485,200)	(459,500)	(295,000)	(245,000)
Fund 10 General Fund								
	Total Revenue	10,839,809	11,320,427	12,518,275	12,895,550	13,425,150	13,671,200	13,796,900
	Total Personnel	(6,510,617)	(6,819,779)	(7,704,952)	(8,853,710)	(8,530,400)	(9,671,100)	(9,993,850)
	Total Maintenance & Operations	(2,205,037)	(3,144,218)	(3,303,232)	(3,567,000)	(3,478,000)	(3,606,100)	(3,426,550)
	Total Capital Outlay	(328,860)	(188,121)	(277,525)	(485,200)	(459,500)	(295,000)	(245,000)
	Summary of Expenditures	(9,044,514)	(10,152,118)	(11,285,709)	(12,905,910)	(12,467,900)	(13,572,200)	(13,665,400)
	Transfers In	383,400	177,098	157,085	348,000	50,000	-	-
	Transfers Out	(1,195,000)	(1,130,000)	(679,474)	(450,000)	-	(2,223,500)	(85,000)
FUND 10	Net (Use of) Addition to Reserves	983,695	215,407	710,177	(112,360)	1,007,250	(2,124,500)	46,500

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
Fund 20 Vehicle Replacement								
4200	Interest	1,121	1,886	3,195	2,200	4,700	5,000	5,000
4300	Vehicle (Loss) Reimbursement	-	17,325	-	-	-	-	-
4400	Sale of Vehicles	13,209	-	7,105	-	-	15,000	-
5100	Transfers In	500,000	-	-	200,000	-	650,000	38,000
5200	Transfers Out	(146,400)	(24,098)	(131,558)	(100,000)	-	-	-
	Revenue & Transfers In Total	514,330	19,211	10,300	202,200	4,700	670,000	43,000
	Expense & Transfers Out Total	(146,400)	(24,098)	(131,558)	(100,000)	-	-	-
FUND 20	Net (Use of) Addition to Reserves	367,930	(4,887)	(121,258)	102,200	4,700	670,000	43,000
Fund 30 Liability Reserve								
Acct #	Description							
4200	Interest	1,152	1,198	2,119	1,300	4,200	4,500	4,500
5100	Transfers In	145,000	75,000	50,000	50,000	-	-	-
5200	Transfers Out	(205,000)	(100,000)	-	(50,000)	(50,000)	-	-
	Revenue & Transfers In Total	146,152	76,198	52,119	51,300	4,200	4,500	4,500
	Expense & Transfers Out Total	(205,000)	(100,000)	-	(50,000)	(50,000)	-	-
FUND 30	Net (Use of) Addition to Reserves	(58,848)	(23,802)	52,119	1,300	(45,800)	4,500	4,500
Fund 40 Equipment Replacement								
Acct #	Description							
4200	Interest	864	1,030	1,750	1,200	3,200	3,500	3,500
5100	Transfers In	50,000	55,000	35,000	200,000	-	128,000	5,000
5200	Transfers Out	(32,000)	(53,000)	(25,527)	(198,000)	-	-	-
	Revenue & Transfers In Total	50,864	56,030	36,750	201,200	3,200	131,500	8,500
	Expense & Transfers Out Total	(32,000)	(53,000)	(25,527)	(198,000)	-	-	-
FUND 40	Net (Use of) Addition to Reserves	18,864	3,030	11,223	3,200	3,200	131,500	8,500
Fund 50 Emergency Vector								
Acct #	Description							
4200	Interest	2,240	2,577	5,020	3,200	11,400	11,500	11,500
5100	Transfers In	-	-	250,000	-	-	-	-
5200	Transfers Out	-	-	-	-	-	-	-
	Revenue & Transfers In Total	2,240	2,577	255,020	3,200	11,400	11,500	11,500
	Expense & Transfers Out Total	-	-	-	-	-	-	-
FUND 50	Net (Use of) Addition to Reserves	2,240	2,577	255,020	3,200	11,400	11,500	11,500

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
Fund 70 Habitat Remediation								
Acct #	Description							
7505	Habitat Remediation Contracts	(5,576)	(7,692)	(195)	(1,000)	-	-	-
5100	Transfers In	-	-	-	-	-	-	-
5200	Transfers Out	-	-	-	-	-	-	-
	Revenue & Transfers In Total	-	-	-	-	-	-	-
	Expense & Transfers Out Total	(5,576)	(7,692)	(195)	(1,000)	-	-	-
FUND 70	Net (Use of) Addition to Reserves	(5,576)	(7,692)	(195)	(1,000)	-	-	-
Fund 75 Environmental								
Acct #	Description							
7525	CEQA Permit Fees	30,000	30,000	(25,334)	-	-	-	-
7526	NPDES Assessment	-	-	-	-	-	-	-
5100	Transfers In	-	-	30,000	-	-	-	-
5200	Transfers Out	-	-	-	-	-	-	-
	Revenue & Transfers In Total	-	-	30,000	-	-	-	-
	Expense & Transfers Out Total	30,000	30,000	(25,334)	-	-	-	-
FUND 75	Net (Use of) Addition to Reserves	30,000	30,000	4,666	-	-	-	-
Fund 90 Retiree Medical								
Acct #	Description							
4150	Retiree Medical	53,997	25,914	28,238	30,000	30,000	32,000	34,000
4151	PARS Trust Reimbursement	(95,610)	137,819	105,997	128,000	123,900	142,000	143,000
7350	Medicare Premium Reimbursement	(18,176)	(20,146)	(21,138)	(22,000)	(22,000)	(22,000)	(22,000)
7352	Retiree Medical Allowance	(8,844)	(14,561)	(26,344)	(36,000)	(41,900)	(52,000)	(55,000)
7355	Health Insurance Premium	(101,615)	(88,602)	(89,114)	(100,000)	(90,000)	(100,000)	(100,000)
7360	GASB 45	-	-	-	-	-	-	-
5100	Transfers In	-	-	-	-	-	-	-
5200	Transfers Out	-	-	-	-	-	-	-
	Revenue & Transfers In Total	(41,613)	163,733	134,235	158,000	153,900	174,000	177,000
	Expense & Transfers Out Total	(128,635)	(123,309)	(136,596)	(158,000)	(153,900)	(174,000)	(177,000)
FUND 90	Net (Use of) Addition to Reserves	(170,248)	40,424	(2,361)	-	-	-	-

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
<i>Fund 95 Retirement Cont.</i>								
Acct #	Description							
4200	Interest	432	880	3,998	2,500	7,400	7,500	7,500
7001	O.C. Retirement System	(500,000)	-	(314,474)	-	-	-	(500,000)
5100	Transfers In	500,000	1,000,000	314,474	-	-	500,000	-
5200	Transfers Out	-	-	-	-	-	-	-
	Revenue & Transfers In Total	500,432	1,000,880	318,472	2,500	7,400	507,500	7,500
	Expense & Transfers Out Total	(500,000)	-	(314,474)	-	-	-	(500,000)
FUND 95	Net (Use of) Addition to Reserves	432	1,000,880	3,998	2,500	7,400	507,500	(492,500)
OTHER FUNDS TOTAL								
	Revenues	1,172,405	1,318,629	836,896	618,400	184,800	1,499,000	252,000
	Expenditures	(987,611)	(278,099)	(633,684)	(507,000)	(203,900)	(174,000)	(677,000)
	Net (Use of) Addition to Reserves	184,794	1,040,530	203,212	111,400	(19,100)	1,325,000	(425,000)

**ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
FISCAL YEARS 2014 THRU 2019
REVENUE AND EXPENDITURES**

Acct #	Description	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Adopted Budget	FY 2016-17 Estimated	FY 2017-18 Budget	FY 2018-19 Projected
FUND 60 FACILITIES IMPROVEMENT								
4100	Rental Income	323,448	329,426	337,246	290,000	290,000	275,000	275,000
4200	Interest	1,710	2,542	5,227	3,500	11,400	11,500	11,500
7500	Property Management Services	(1,764)	(8,148)	(23,687)	(5,000)	(2,000)	(2,000)	(2,000)
7501	HBP Repairs & Maintenance	(19,666)	(30,675)	(14,125)	(35,000)	(3,000)	(5,000)	(5,000)
7504	A/C & Heating	(2,666)	(5,511)	(5,583)	(5,500)	(5,500)	(5,500)	(6,000)
7505	Landscape & Lot Maintenance	(2,350)	(2,248)	(2,100)	(2,500)	(3,000)	(3,000)	(3,000)
7508	Refuse Disposal	(7,768)	(8,451)	(8,510)	(8,500)	(9,000)	(9,000)	(9,000)
7510	HBP Utilities	(3,644)	(2,910)	(3,465)	(4,000)	(2,200)	(2,200)	(2,300)
7520	Facility Improvement	(14,713)	-	(1,197)	(5,000)	(5,000)	-	-
7550	Tenant Improvements	-	(6,305)	-	(1,000)	-	-	-
7560	Bad Debt / Write Off	-	-	-	-	(4,200)	-	-
7703	Property Taxes	(5,446)	(5,501)	(5,606)	(5,600)	(5,700)	(5,800)	(5,800)
8100	Equip & Improvements - District	(60,196)	(11,289)	(24,667)	(365,000)	(80,000)	(515,000)	(200,000)
8100	Equipment - HBP	(14,239)	(109,741)	(13,551)	(5,000)	-	-	-
Total Revenues		325,158	331,968	342,473	293,500	301,400	286,500	286,500
Personnel		-	-	-	-	-	-	-
Maintenance & Operations		(58,017)	(69,749)	(64,273)	(72,100)	(39,600)	(32,500)	(33,100)
Capital Outlay		(74,435)	(121,030)	(38,218)	(370,000)	(80,000)	(515,000)	(200,000)
Total Expenditures		(132,452)	(190,779)	(102,491)	(442,100)	(119,600)	(547,500)	(233,100)
Transfers In		-	-	-	-	-	945,500	42,000
Transfers Out		-	-	-	-	-	-	-
FUND 60	Net (Use of) Addition to Reserves	192,706	141,189	239,982	(148,600)	181,800	684,500	95,400
GRAND TOTAL ALL FUNDS								
Revenue & Transfers In Total		12,720,772	13,148,122	13,854,729	14,155,450	13,961,350	16,402,200	14,377,400
Expense & Transfers Out Total		(11,359,577)	(11,750,996)	(12,701,358)	(14,305,010)	(12,791,400)	(16,517,200)	(14,660,500)
Net (Use of) Addition to Reserves		1,361,195	1,397,126	1,153,371	(149,560)	1,169,950	(115,000)	(283,100)

RESOLUTION NO. 442
A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT
ADOPTING THE ANNUAL OPERATING BUDGET
FOR FISCAL YEAR 2017-18

WHEREAS, the District Manager has prepared and submitted a proposed annual operating budget for Fiscal Year 2017-18; and,

WHEREAS, the Board of Trustees has reviewed the proposed budget in detail.

NOW, THEREFORE, the Board of Trustees of the Orange County Mosquito and Vector Control District does hereby RESOLVE as follows:

SECTION 1. That the Board of Trustees of the Orange County Mosquito and Vector Control District does hereby approve and adopt the Fiscal Year 2017-18 Operating, Capital and Revenue budgets for all operational functions in the amount of \$13,483,700, \$810,000, and \$14,178,700, respectively.

SECTION 2. That the FY 2017-18 Operating, Capital and Revenue Budget Document is incorporated herein and is made a part of this Resolution.

SECTION 3. The Board Secretary shall certify the adoption of this Resolution.

PASSED, APPROVED, and ADOPTED by the Board of Trustees of the Orange County Mosquito and Vector Control District at its regular meeting thereof held on the 18th Day of May, 2017, at 13001 Garden Grove Blvd., Garden Grove, California, 92843.

Barbara D. Kogerman, President

I hereby certify that the foregoing Resolution was duly adopted by the Board of Trustees of the Orange County Mosquito and Vector Control District at a regularly scheduled meeting, held on May 18, 2017:

Cheryl Brothers, Secretary

APPROVED AS TO FORM:

Alan R. Burns, District Counsel



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

May 18, 2017

AGENDA REPORT

AGENDA ITEM # F.2

Prepared By: Rick Howard, District Manager

Submitted By: Rick Howard, District Manager

Agenda Title:

Adopt Resolutions No. 443 and No. 444, respectively, of Intention to Levy Assessments for Fiscal Year 2017-18 for the Orange County Mosquito and Vector Control District, Vector Surveillance and Control Assessment District (District No. 1); and the Mosquito, Fire Ant and Disease Control Assessment (District No. 2), Preliminarily Approving the Engineer's Reports for District No. 1 and District No. 2 and Providing Notice of Public Hearings for District No. 1 and District No. 2.

Recommended Action:

That the Board of Trustees:

(1) Adopt Resolution No. 443 Stating the Intention of the Board to Levy the Vector Surveillance and Control Assessment (District No. 1) for Fiscal Year 2017-18, and Setting a Time and Place for a Hearing Regarding Such Levy, preliminarily approving the Engineer's Report for District No. 1; and providing for notice of the public hearings to be set for June 15, 2017 for the proposed continuation of the assessments for District No. 1.

(2) Adopt Resolution No. 444 Stating the Intention of the Board to Levy the Mosquito, Fire Ant and Disease Control Assessment (District No. 2) for Fiscal Year 2017-18, and Setting a Time and Place for a Hearing Regarding Such Levy, preliminarily approving the Engineer's Report for District No. 2; and providing for notice of the public hearings to be set for June 15, 2017 for the proposed continuation of the assessments for District No. 2.

Executive Summary:

On April 20, 2017, the Board adopted Resolution No. 439 directing the preparation of engineer's reports for the Orange County Mosquito and Vector Control District, Vector Surveillance and Control Assessment District #1 ([Exhibit A](#)), and the Mosquito, Fire Ant and Disease Control Assessment #2 ([Exhibit B](#)).

Separate updated Engineer's Reports for District No. 1 and District No. 2 have been prepared by SCI Consulting Group, the District's assessment engineer and assessment administration firm. The Engineer's Reports ("Reports") establish the basis and justification for the continued levy of assessments for FY 2017-18. The Reports have been updated based on the engineer's findings regarding special and general benefit and other assessment engineering determinations. These enhancements and revisions to the Reports do not modify the underlying assessment methodology or basis for either assessment.

The proposed assessment for District No. 1 for FY 2017-18 is \$1.92 per benefit unit. The total amount of revenues that would be generated by the assessments in FY 2017-18 is approximately \$1,551,073. The assessment rate for District No. 1 for FY 2017-18 is not proposed to increase from the assessment rate in fiscal year 2016-17.

-Continued-

The assessment for District No. 2 included a voter approved annual increase to the maximum authorized assessment rate equal to the Los Angeles Area Consumer Price Index (“CPI”), not to exceed 3 percent per year without a further vote or balloting process. The change in the CPI in 2016 was 2.11 percent. Therefore, the maximum authorized assessment rate for FY 2017-18 that could be levied without additional voter approval is \$7.26 per single family equivalent benefit unit (EBU).

The District’s proposed budget results in a proposed assessment rate for District No. 2 for FY 2017-18 of \$6.72 per EBU. This is the same rate as was set for last year’s assessment and represents a zero change per single-family equivalent benefit unit. This proposed rate is also \$0.54 per/EBU below the maximum authorized assessment rate of \$7.26/EBU.

The estimated Program costs for FY 2017-18 include the continuation of the West Nile Virus Strike Team and the Aedes Response Team. The total amount of revenues that would be generated by the assessments in FY 2017-18 at the proposed rate of \$6.72 is approximately \$5,677,670.

The following table summarizes the maximum authorized assessment rate and annual revenue from each District since fiscal year 2004-05.

FY	CPI History	Uncaptured Excess	Maximum Authorized Assessment Rate District #2	Actual/ Proposed Assessment Rate Levied District #2	Actual/ Proposed Assessment Revenues District #2	Actual/ Proposed Assessment Revenues District #1
2004-05	N/A		\$5.42	\$5.42	\$4,306,278	\$1,488,270
2005-06	3.66%	0.66%	\$5.58	\$5.30	\$4,263,642	\$1,489,599
2006-07	5.42%	3.09%	\$5.75	\$5.25	\$4,264,509	\$1,501,507
2007-08	3.20%	3.28%	\$5.92	\$5.14	\$4,196,517	\$1,505,044
2008-09	3.92%	4.20%	\$6.10	\$5.10	\$4,180,451	\$1,510,567
2009-10	-0.09%	1.11%	\$6.28	\$5.06	\$4,162,307	\$1,514,335
2010-11	1.76%	0.00%	\$6.46	\$5.02	\$4,114,124	\$1,511,186
2011-12	1.80%	0.00%	\$6.58	\$5.02	\$4,124,774	\$1,509,144
2012-13	2.09%	0.00%	\$6.72	\$5.02	\$4,125,205	\$1,508,529
2013-14	1.95%	0.00%	\$6.85	\$5.02	\$4,139,470	\$1,539,529
2014-15	0.77%	0.00%	\$6.90	\$5.02	\$4,134,001	\$1,528,684
2015-16	-0.05%	0.00%	\$6.89	\$6.02	\$5,007,779	\$1,543,010
2016-17	3.10%	0.10%	\$7.10	\$6.72	\$5,648,762	\$1,546,807
2017-18	2.11%	2.21%	\$7.26	\$6.72	\$5,677,670	\$1,551,073

Final assessment amounts submitted to the County Auditor-Controller may be different than the preliminary amounts listed for the Engineer's Reports.

The Public Hearing will be held at 3:00 p.m., June 15, 2017. A notice of the hearing would be given by publishing a notice once, at least ten (10) days prior to the date of the hearing, in both the Orange County Register and the Los Angeles Times. At the Public Hearing, after receiving public testimony, the Board could take final action on setting the rates of assessment and collection of the assessments for fiscal year 2017-18.

Fiscal Impact:

Amount Requested \$ N/A

Sufficient Budgeted Funds Available:

Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item:

Adoption of Resolution 439 directing preparation of Engineer’s Report – April 20, 2017
 Adoption of FY 2017-18 Revenue, Operating and Capital Program Budget – May 18, 2017

Exhibits:

Exhibit A: Engineer's Report for Assessment District No. 1

Exhibit B: Engineer's Report for Assessment District No. 2

Exhibit C: Resolution 443 Stating the Intention of the Board to Levy the Vector Surveillance and Control Assessment (District No. 1) for FY 2017-18 and Setting a Time and Place for a Hearing Regarding Such Levy

Exhibit D: Resolution 444 Stating the Intention of the Board to Levy the Mosquito, Fire Ant, and Disease Control Assessment (District No. 2) for FY 2017-18 and Setting a Time and Place for a Hearing Regarding Such Levy



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

**VECTOR SURVEILLANCE AND CONTROL ASSESSMENT DISTRICT
(ASSESSMENT DISTRICT No. 1)**

PRELIMINARY ENGINEER'S REPORT

FISCAL YEAR 2017-18

MAY 2017

PURSUANT TO THE CALIFORNIA GOVERNMENT CODE AND HEALTH AND SAFETY CODE

ENGINEER OF WORK:
SCIConsultingGroup
4745 MANGELS BOULEVARD
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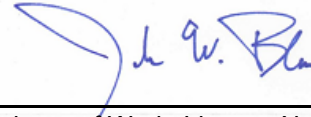
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CERTIFICATES

1. The undersigned respectfully submits the enclosed Engineer's Report.



Engineer of Work, License No. C052091

2. I, District Manager for the Orange County Mosquito and Vector Control District, County of Orange, California, hereby certify that the enclosed Engineer's Report, together with the Assessment and Assessment Diagram thereto attached, was filed and recorded with me on _____, 2017.

District Manager, Orange County Mosquito and Vector Control District

3. I, District Manager for the Orange County Mosquito and Vector Control District, County of Orange California, hereby certify that the Assessment in this Engineer's Report was approved and confirmed by the Board of Trustees on _____, 2017 by Resolution No. _____.

District Manager, Orange County Mosquito and Vector Control District

4. I, District Manager for the Orange County Mosquito and Vector Control District, County of Orange, California, hereby certify that a Copy of the Assessment and Assessment Diagram was filed in the office of the County Auditor of the County of Orange, California, on _____, 2017.

District Manager, Orange County Mosquito and Vector Control District

INTRODUCTION

The Orange County Mosquito and Vector Control District (“District”) is a public health agency dedicated to providing vector control and disease surveillance services in Orange County. The District, which is an independent special district, was created in 1947 in accordance with local authority provided by the Mosquito Abatement Act of 1915 and further supported by the California Health and Safety Codes and is overseen by a Board of Trustees (the “Board”) comprised of 35 members, each appointed by their city of residence (34), with one member representing the County.

Historically, the District relied on ad valorem property tax revenue to fund its activities. However, with the adoption of Proposition 13 in 1978, this funding stream was reduced. Moreover, the District (like all local governments in California) effectively lost its ability to adjust its property tax rate to fully fund operating expenses and maintain the ability to respond to service requests.

The Vector Surveillance and Control Assessment (“Assessment District No. 1”) is an annual assessment for vector control services that was established in fiscal year 1991-92, prior to Proposition 218 and, therefore, is exempted from the procedures and approval process established for assessments by Proposition 218.

Assessment District No. 1 provides an additional source of funding for the District’s vector control and disease surveillance services and related capital, operational and administrative expenses. The rates of the annual assessments levied in connection with Assessment District No. 1 have been unchanged since 1996 (\$1.92 per Benefit Unit).

As used within this Report, the following terms are defined:

“Vector” means any animal capable of transmitting the causative agent of human disease or capable of producing human discomfort or injury, including, but not limited to, mosquitoes, flies, mites, ticks, other arthropods, and small mammals and other vertebrates (Health and Safety Code Section 2002(k)).

“Vector Control” shall mean any system of public improvements or services that is intended to provide for the surveillance, prevention, abatement, and control of vectors as defined in subdivision (k) of Section 2002 of the Health and Safety Code and a pest as defined in Section 5006 of the Food and Agricultural Code (Government Code Section 53750(l)).

This Engineer’s Report (“Report”) incorporates and utilizes the benefit determinations, assessment apportionment methodology and other provisions contained within the engineer’s report prepared by Harris and Associates that originally established the assessments. Reference is hereby made to this original engineer’s report for further details.

GENERAL DESCRIPTION OF PROPOSED SERVICES

The District's purpose and mission is to protect the public health, safety and welfare by providing vector education and control services to property and citizens of Orange County. The services (the "Services") to be funded by the assessments are for the following purposes:

1. To fund vector control operations;
2. To protect the community from known vectors and vector-borne diseases;
3. To fund vector surveillance and disease control programs;
4. To fund related capital improvement and operational services; and
5. To fund administrative costs related to the Services or the assessments.

ASSESSMENT

WHEREAS, the Orange County Mosquito and Vector Control District Board of Trustees directed the undersigned Engineer of Work to prepare and file a report presenting an estimate of costs of Services, a diagram for an assessment district and an assessment of the estimated costs of Services, and the special benefit conferred thereby, upon all assessable parcels within the District as depicted in the Assessment Diagram included in this report;

NOW, THEREFORE, the undersigned in accordance with the provisions of the California Government Code and the Health and Safety Code and the order of the Board of Trustees, hereby make the following determination of an assessment to cover the portion of the estimated cost of said Services, and the costs and expenses incidental thereto to be paid by the Orange County Mosquito and Vector Control District.

The total estimated expenditures for vector surveillance and control services to be funded by revenue from the Assessment for FY 2017-18 are \$1,551,073.

The boundaries of the District are contiguous with the boundaries of Orange County. The lines and dimensions of each lot or parcel with the District are shown on the maps of the Assessor of the County of Orange and are incorporated herein by reference.

I hereby place opposite the Assessor Parcel Number for each parcel or lot within the Assessment Roll, the proposed amount of the Vector Surveillance and Control Assessment for the fiscal year 2017-18 for each parcel or lot of land within the said County in accordance to the method of assessment apportionment established in the original engineer's report used to establish the assessments.

The total Benefit Units assigned to each parcel are as follows:

FIGURE 1 - ASSIGNED BENEFIT UNITS

Improvement Category	Number of Parcels	Total Assigned Benefit Units	% of Total Benefit Units
Single Family Residential (SFR)	556,300	553,377.40	68.50%
Residential Condominium	157,540	56,241.78	6.96%
Multi-Family Residential (MFR)	25,918	92,527.26	11.45%
Commercial Uses	22,556	57,517.80	7.12%
Commercial Condominium	3,169	646.48	0.08%
Industrial Uses	10,578	35,066.07	4.34%
Industrial Condominium	2,255	1,449.06	0.18%
Rural Uses	1,488	9,607.42	1.19%
Miscellaneous Uses	289	117.91	0.01%
Vacant SFR	8,872	452.47	0.06%
Vacant MFR	454	83.35	0.01%
Vacant Commercial	2,020	515.10	0.06%
Vacant Industrial	738	248.41	0.03%
Exempt	145,453	-	0.00%
Total	937,630	807,850.52	100.00%

Therefore the total assessment to be raised from Assessment District No. 1 is calculated as follows:

$$\$1.92 \text{ per Benefit Unit} \times 807,850.52 \text{ Benefit Units} = \$1,551,073$$

Dated: May 3, 2017



Engineer of Work

By John W. Bliss
 John W. Bliss, License No. C052091

METHOD OF ASSESSMENT

The method used for apportioning the assessment is based upon the proportional special benefits to be derived by the properties over and above general benefits conferred on real property or to the public at large.

BENEFIT FACTORS

In order to allocate the proposed assessments, the Engineer begins by identifying the types of special benefit arising from the aforementioned mosquito control services and that would be provided to property. These types of special benefit are as follows:

- Reduced mosquito and vector populations on property and as a result enhanced desirability, utility, usability and functionality of property in the District
- Increased safety of property in the District
- Reduction in the risk of new diseases and infections on property in the District
- Protection of economic activity on property in the District
- Protection of the District's agriculture, tourism, and business industries
- Reduced risk of nuisance and liability on property in the District

The Services funded by the assessments provide a clear and direct advantage to property in the District over and above what otherwise would be received by property in the District and, therefore, are a special benefit to property in the District. The District includes only those properties that may request and/or receive direct Services, that are located within the scope of the vector surveillance area, that are located within flying or traveling distance of potential vector sources monitored by the District, and that benefit from a reduction in the amount of vectors reaching and impacting the property as a result of the enhanced vector surveillance and control. The Assessment Diagram included in this report shows the boundaries of the District.

METHOD OF ASSESSMENT

The methodology for spreading the benefit assessment portion of the cost of providing vector surveillance and control services to each lot or parcel is based on the type of use of each property. To establish the special benefit to the individual parcels within the District a Benefit Unit (BU) system is utilized. Each parcel of land is assigned Benefit Units in proportion to the estimated benefit the parcel receives from vector control services relative to the other types of parcels within the District and based on the parcel's land use.

BASIC FORMULA:

$$\text{(Equivalent Dwelling Units) x (Benefit Factor) = Benefit Units}$$

In order to allocate benefit fairly between the parcels, an Equivalent Dwelling Unit (EDU) methodology is proposed which equates different residential and non-residential land uses

to each other, thereby allowing a uniform method of assessment. After EDU's are assigned to each parcel, a Benefit Factor is applied to control for varying levels of benefit to property from vector control services and facilities.

The EDU method uses the single family home as the basic unit of apportionment. A single family home represents one EDU. Every other land use is converted to EDU's as described below. The ratio of the typical area of a specific land use to the typical single family home area is the EDU rate for that land use. Vacant, rural and miscellaneous uses are further reduced by a factor of 10 due to the low utilization and development density on the parcels.

FIGURE 2 - EDU FACTOR PER IMPROVEMENT CATEGORY

Improvement Category	Average Size (acres)	EDU Factor per Parcel
Single Family Residential	0.20	1.00
Residential Condominium	0.07	0.35
Multi-Family Residential (MFR)	0.70	3.50
Commercial Uses	1.00	5.00
Commercial Condominium	0.08	0.40
Industrial Uses	1.30	6.50
Industrial Condominium	0.25	1.25
Rural Uses	25.30	12.65
Miscellaneous Uses	1.60	0.80
Vacant SFR	0.20	0.10
Vacant MFR	0.70	0.35
Vacant Commercial	1.00	0.50
Vacant Industrial	1.30	0.65

Because the benefit to property varies depending on the type of land use of the property, the Benefit Factor is applied to the formula for each property. Residential properties are assigned 1.0 Benefit Factors because the properties are designed for habitation and the proposed Services benefit both the property itself and promote habitation of the property. Commercial, Industrial, Rural, Vacant, and other Miscellaneous properties are assigned 0.50 Benefit Factors because the properties are not designed for habitation so any habitation benefits conferred are not inherited by these property types.

Figure 3 summarizes the total Benefit Units (BU) assigned to each property type based on assigned equivalent dwelling units and the benefit factor:

FIGURE 3 - BENEFIT UNIT AND ASSESSMENT RATE PER IMPROVEMENT CATEGORY

	EDU	Benefit	Total	Assessment
Improvement Category	Factor	Factor	Benefit Units	@ \$1.92/BU
Single Family Residential (SFR)	1.00	1.00	1.00	\$1.92
Residential Condominium	0.35	1.00	0.35	\$0.67
Multi-Family Residential (MFR)	3.50	1.00	3.50	\$6.72
Commercial Uses	5.00	0.50	2.50	\$4.80
Commercial Condominium	0.40	0.50	0.20	\$0.38
Industrial Uses	6.50	0.50	3.25	\$6.24
Industrial Condominium	1.25	0.50	0.63	\$1.20
Rural Uses	12.65	0.50	6.33	\$12.14
Miscellaneous Uses	0.80	0.50	0.40	\$0.77
Vacant SFR	0.10	0.50	0.05	\$0.10
Vacant MFR	0.35	0.50	0.18	\$0.34
Vacant Commercial	0.50	0.50	0.25	\$0.48
Vacant Industrial	0.65	0.50	0.33	\$0.62

PROPERTY DESCRIPTIONS

The land use explanations are as follows:

SINGLE-FAMILY RESIDENTIAL: Properties with improvement values and designated with a Property Use Code description of 1, per the Orange County Assessor's Roll.

RESIDENTIAL CONDOMINIUM: Defined as improved properties with a Property Use Code description of 1, per the Orange County Assessor's Roll, and are in Assessor's map books 930 through 939.

MULTI-FAMILY RESIDENTIAL: Defined as improved properties with a Property Use Code description of 2, per the Orange County Assessor's Roll.

COMMERCIAL USES: Defined as improved properties with a Property Use Code description of 3, per the Orange County Assessor's Roll.

COMMERCIAL CONDOMINIUM: Defined as improved properties with a Property Use Code description of 3, per the Orange County Assessor's Roll, and are in Assessor's map books 930 through 939.

INDUSTRIAL USES: Defined as improved properties with a Property Use Code description of 4, per the Orange County Assessor's Roll.

INDUSTRIAL CONDOMINIUM: Defined as improved properties with a Property Use Code description of 4, per the Orange County Assessor's Roll, and are in Assessor's map books 930 through 939.

RURAL USES: Defined as properties with a Property Use Code description of 5, per the Orange County Assessor's Roll.

MISCELLANEOUS USES: Defined as properties with a Property Use Code description of 6, per the Orange County Assessor's Roll.

VACANT SFR: Defined as properties with no improvement value and a Property Use Code description of 1, per the Orange County Assessor's Roll.

VACANT MFR: Defined as properties with no improvement value and a Property Use Code description of 2, per the Orange County Assessor's Roll.

VACANT COMMERCIAL: Defined as properties with no improvement value and a Property Use Code description of 3, per the Orange County Assessor's Roll.

VACANT INDUSTRIAL: Defined as properties with no improvement value and a Property Use Code description of 4, per the Orange County Assessor's Roll.

EXEMPT: Exempted from the assessment would be any parcel owned by a public agency or within the area of public streets and other public properties, utility easements, right-of-way, public schools, public parks, and common areas, and parcels identified by the County as Wholly Exempt. Timeshare parcels, per previous OCMVCD policy, have also been exempted from assessment.

DURATION OF ASSESSMENT

The duration of the Vector Surveillance and Control Assessment must be set by the District as required by the Code. It is proposed that the Assessment be levied for fiscal year 2017-18 and for every fiscal year thereafter so long as the vectors remain in existence.

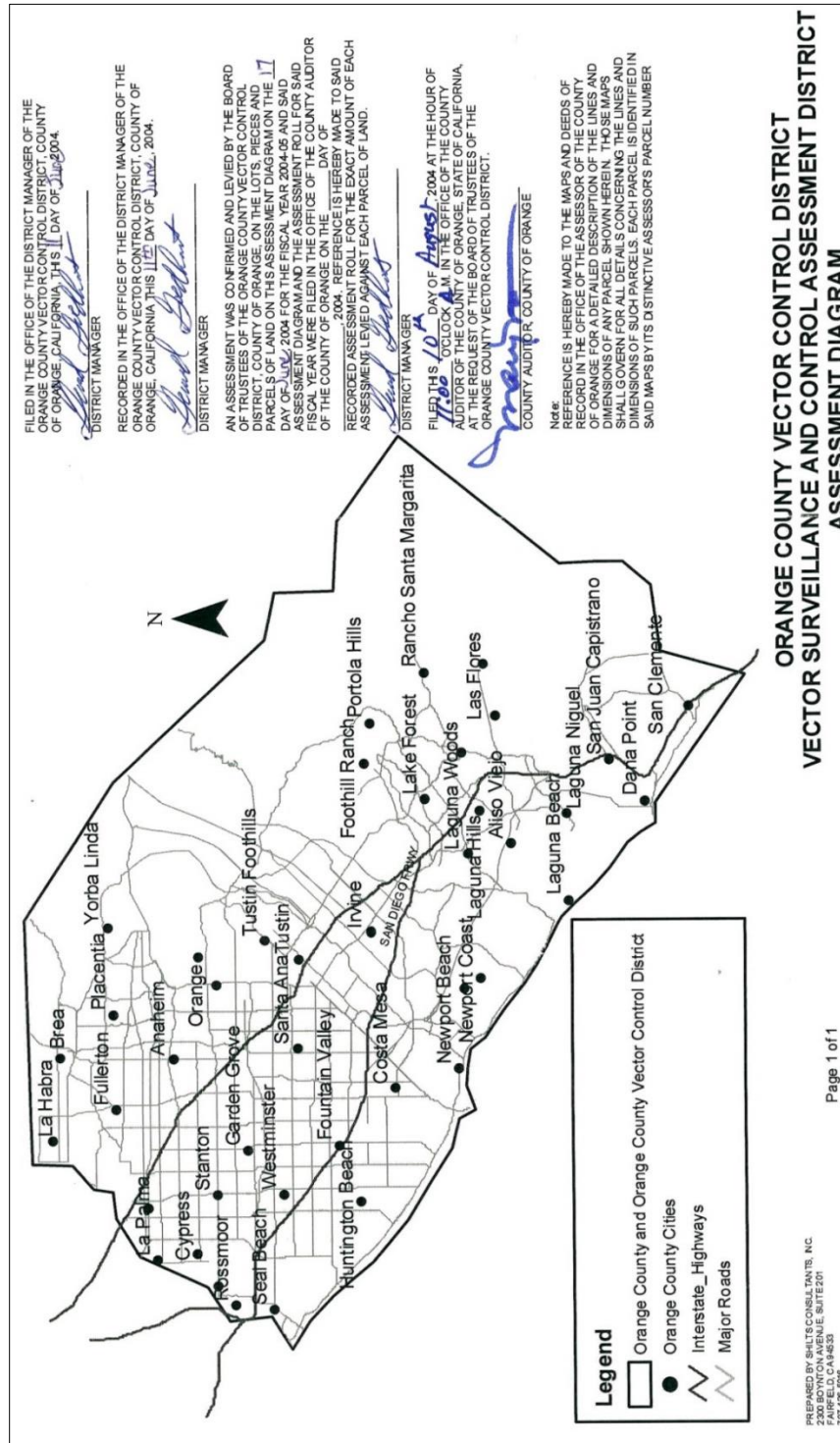
APPEALS AND INTERPRETATION

Any property owner who feels that the assessment levied on the subject property is in error as a result of incorrect information being used to apply the foregoing method of assessment, may file a written appeal with District Manager of the Orange County Mosquito and Vector Control District or his or her designee. Any such appeal is limited to correction of an assessment during the then current Fiscal Year or, if before July 1, the upcoming fiscal year. Upon the filing of any such appeal, the District Manager or his or her designee will promptly review the appeal and any information provided by the property owner. If the District Manager or his or her designee finds that the assessment should be modified, the appropriate changes shall be made to the assessment roll. If any such

changes are approved after the assessment roll has been filed with the County of Orange for collection, the District Manager or his or her designee is authorized to refund to the property owner the amount of any approved reduction. Any dispute over the decision of the District Manager, or his or her designee, shall be referred to the Board of Trustees. The decision of the Board shall be final.


ASSESSMENT DIAGRAM

The proposed assessment district includes all properties within the boundaries of Orange County Mosquito and Vector Control District and is displayed on the following Assessment Diagram.



ASSESSMENT ROLL FOR FISCAL YEAR 2017-18

Reference is hereby made to the Assessment Roll in and for the Assessment District on file in the office of the District Manager for the Orange County Mosquito and Vector Control District, as said Assessment Roll is too voluminous to be bound with this Engineer's Report.



**ORANGE COUNTY MOSQUITO AND VECTOR
CONTROL DISTRICT**
**MOSQUITO, FIRE ANT & DISEASE CONTROL ASSESSMENT DISTRICT
(ASSESSMENT DISTRICT No. 2)**

PRELIMINARY ENGINEER'S REPORT

FISCAL YEAR 2017-18

MAY 2017

PURSUANT TO THE GOVERNMENT CODE, HEALTH AND SAFETY CODE AND ARTICLE
XIIID OF THE CALIFORNIA CONSTITUTION

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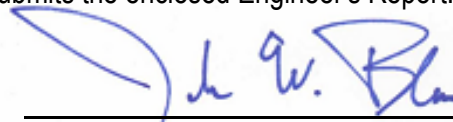
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CERTIFICATES

1. The undersigned respectfully submits the enclosed Engineer's Report.



Engineer of Work, License No. C052091

2. I, District Manager for the Orange County Mosquito and Vector Control District, County of Orange, California, hereby certify that the enclosed Engineer's Report, together with the Assessment and Assessment Diagram thereto attached, was filed and recorded with me on _____, 2017.

District Manager, Orange County Mosquito and Vector Control District

3. I, District Manager for the Orange County Mosquito and Vector Control District, County of Orange California, hereby certify that the Assessment in this Engineer's Report was approved and confirmed by the Board of Trustees on _____, 2017 by Resolution No. _____.

District Manager, Orange County Mosquito and Vector Control District

4. I, District Manager for the Orange County Mosquito and Vector Control District, County of Orange, California, hereby certify that a Copy of the Assessment and Assessment Diagram was filed in the office of the County Auditor of the County of Orange, California, on _____, 2017.

District Manager, Orange County Mosquito and Vector Control District

INTRODUCTION

OVERVIEW

The Orange County Mosquito and Vector Control District (“District” or “OCMVCD”) is a public health agency dedicated to providing all properties in Orange County with vector control and disease surveillance services. The District is an independent special district created in 1947 in accordance with local authority provided by the Mosquito Abatement Act of 1915 and further supported by the California Health and Safety Codes. The District is overseen by a Board of Trustees (“Board”) comprised of 35 members, each appointed by their city of residence (34), with one member representing the County.

The District is dedicated to the control of mosquitoes, rats, flies, Red Imported Fire Ants (RIFA), and other vectors, and provides this service throughout the 798 square miles of Orange County (answering approximately 20,000 service requests per year and performing vector control services on known sources throughout the County). The District also conducts countywide surveillance programs for vector-borne diseases. A summary of current District services are as follows:

- Mosquito control and inspections
- Rodent and fly control
- Surveillance for vector-borne diseases
- Property owner and resident service requests
- Mosquitofish for backyard fish ponds and other appropriate habitats
- Presentations to schools and civic groups, public outreach, and educational programs

ASSESSMENT FORMATION

In 2004, the District found itself dealing with (1) a dramatic increase in service requests, (2) the emergence of new mosquito-borne diseases such as West Nile virus, (3) the State transfer of 48% of District property tax to the Education Revenue Augmentation Fund (ERAF), (4) the District’s limited funding sources, and (5) the loss of State funding for the Red Imported Fire Ant (RIFA) control program. In response, the District proposed a local benefit assessment to provide improved mosquito, vector and disease control services and to restore the Red Imported Fire Ant control program for property in the County (“Assessment Area”) as a supplement to existing revenue sources. This assessment is named the Mosquito, Fire Ant and Disease Control Assessment (“Assessment” or “Assessment District No. 2”).

On April 15, 2004, the Board of Trustees authorized the initiation of proceedings for a benefit assessment to provide local funding for its mosquito, fire ant, vector and disease control services. In May of 2004, the District conducted an assessment ballot proceeding pursuant to the requirements of Article XIII D of the California Constitution (“The Taxpayer’s Right to Vote on Taxes Act”) and the Health and Safety Code. During this ballot proceeding, property owners in the County were provided with a notice and ballot for the

proposed special assessment. A 45-day period was provided for balloting and a public hearing was conducted in July 2004. At the public hearing, all ballots returned within the 45-day balloting period were tabulated.

It was determined at the public hearing that 66.16% of the weighted ballots returned were in support of the assessment. Since the assessment ballots submitted in opposition to the proposed assessments did not exceed the assessment ballots submitted in favor of the assessments (with each ballot weighted by the proportional financial obligation of the property for which ballot was submitted), the District gained the authority to approve the levy of the assessments for fiscal year 2004-05 and future years. The authority granted by the ballot proceeding includes an annual adjustment in the maximum authorized assessment rate equal to the annual change in the Consumer Price Index for the Los Angeles Area, not to exceed 3%.

In each subsequent year for which the Assessments will be levied, the District directs the preparation of an Engineer's Report, budgets and assessments for the upcoming fiscal year. The Assessment was presented to property owners in 2004 as having an annual rate of \$5.42 per single family residential parcel (subject to annual inflation adjustment and with proportionately higher and lower rates for other parcel types). However, each year during its annual proceedings, the Board has levied the assessment at less than the full approved rate, when accounting for increases allowed for in the annual Consumer Price Increase adjustment.

As used within this Report and the benefit assessment ballot proceeding, the following terms are defined:

“Vector” means any animal capable of transmitting the causative agent of human disease or capable of producing human discomfort or injury, including, but not limited to, mosquitoes, flies, mites, ticks, other arthropods, and small mammals and other vertebrates (Health and Safety Code Section 2002(k)).

“Vector Control” shall mean any system of public improvements or services that is intended to provide for the surveillance, prevention, abatement, and control of vectors as defined in subdivision (k) of Section 2002 of the Health and Safety Code and a pest as defined in Section 5006 of the Food and Agricultural Code (Government Code Section 53750(l)).

The District operates under the authority of the Mosquito Abatement and Vector Control Law of the State of California. Following are excerpts from the Mosquito Abatement and Vector Control District Law of 2002, codified in the Health and Safety Code, Section 2000, *et seq.* which serve to summarize the State Legislature’s findings and intent with regard to mosquito abatement and other vector control services:

2001. (a) *The Legislature finds and declares all of the following:*

(1) *California's climate and topography support a wide diversity of biological organisms.*

(2) *Most of these organisms are beneficial, but some are vectors of human disease pathogens or directly cause other human diseases such as hypersensitivity, envenomization, and secondary infections.*

(3) *Some of these diseases, such as mosquitoborne viral encephalitis, can be fatal, especially in children and older individuals.*

(4) *California's connections to the wider national and international economies increase the transport of vectors and pathogens.*

(5) *Invasions of the United States by vectors such as the Asian tiger mosquito and by pathogens such as the West Nile virus underscore the vulnerability of humans to uncontrolled vectors and pathogens.*

(b) *The Legislature further finds and declares:*

(1) *Individual protection against the vectorborne diseases is only partially effective.*

(2) *Adequate protection of human health against vectorborne diseases is best achieved by organized public programs.*

(3) *The protection of Californians and their communities against the discomforts and economic effects of vectorborne diseases is an essential public service that is vital to public health, safety, and welfare.*

(4) *Since 1915, mosquito abatement and Vector Control Districts have protected Californians and their communities against the threats of vectorborne diseases.*

(c) *In enacting this chapter, it is the intent of the Legislature to create and continue a broad statutory authority for a class of special districts with the power to conduct effective programs for the surveillance, prevention, abatement, and control of mosquitoes and other vectors.*

(d) *It is also the intent of the Legislature that mosquito abatement and Vector Control Districts cooperate with other public agencies to protect the public health, safety, and welfare. Further, the Legislature encourages local communities and local officials to adapt the powers and procedures provided by this chapter to meet the diversity of their own local circumstances and responsibilities.*

Further the Health and Safety Code, Section 2082 specifically authorizes the creation of benefit assessments for vector control, as follows:

(a) *A district may levy special benefit assessments consistent with the requirements of Article XIID of the California Constitution to finance vector control projects and programs.*

This Engineer's Report ("Report") was prepared by SCI Consulting Group ("SCI") to describe the vector control services that are funded by the assessment ("Services"), to establish the estimated costs for those Services, to determine the special benefits and general benefits received by property from the Services, and to apportion the assessments to lots and parcels within the District based on the estimated special benefit each parcel receives from the Services funded by the benefit assessment.

GENERAL DESCRIPTION OF THE DISTRICT AND SERVICES

The assessments from Assessment District No. 2 provide, in whole or in part, funding for the following services and programs (“Services”):

RED IMPORTED FIRE ANT PROGRAM

A native of South America, this fire ant was first introduced in the southeastern United States in the 1930s and eventually found its way to California and into Orange County. The Red Imported Fire Ant (RIFA) is a fairly recent addition to the list of vectors that threaten Orange County. No other invasive species represents a greater risk in the County. RIFA threat to public health is to the one or two percent of the population that is allergic to fire ant venom. The health threat to most people involves the prospect of serious stinging incidents. In addition to the direct health and safety issues, fire ants threaten our natural environment, recreational facilities, and our outdoor living style.

While the response to property service calls and treatment of RIFA may be concentrated in different areas of the County from one year to the next due to shifts in RIFA populations, RIFA is found and treated throughout the County. The Red Imported Fire Ant program, funded largely by Assessment District No. 2 includes, but is not limited to:

- A multipart treatment protocol, which, in addition to responding to individual property RIFA infestations, includes implementation of neighborhood treatments if a neighborhood is found to be infested.
- Dedicated OCMVCD staffing and materials to conduct ongoing visual surveys of Orange County properties, as well as organized bait surveys to locate properties infested with RIFA.
- Tracking and logging of all work regarding RIFA.

MOSQUITO CONTROL PROGRAMS

District staff controls mosquitoes throughout the year, and Assessment District No. 2 has allowed the District (i) to provide more frequent monitoring and treatment of common source locations including new sources resulting from environmental regulations for water quality, and (ii) to more rapidly respond to property owner calls. Such rapid response is essential to the control of this vector. By partially funding the District’s Mosquito Control Programs, Assessment District No. 2 has allowed the District to:

- Maintain existing service request response capacity, and expand the number of local service areas in the County from 16 to 20, each with a dedicated OCMVCD Vector Control Inspector. Creating these additional local service areas has reduced the overall response time for service requests by 40% (reducing the average response time from 2 days to 1.2 days), and allows the inspectors to be more familiar with local vector issues, thereby increasing the effectiveness of controlling mosquitoes across the County.

- Be more effective in mosquito control by targeting the developing aquatic stages of the mosquito life cycle whenever possible through more frequent attention and treatment of street gutters and storm drains throughout the County. The cycle time for treating street gutters has been reduced from an average of 12 days to less than 10 days, making mosquito production in street gutters all but impossible.
- Implement additional treatment strategies directed at adult mosquitoes where the physical nature of the property makes larval control ineffective. These areas are where OCMVCD staff controls the adult mosquito population by using truck-mounted foggers and other adulticiding techniques.
- Proactively address standing water on properties, such as neglected pools, ponds and detention basins, which if left untreated can impact all surrounding properties. The OCMVCD conducts aerial surveillance over various parts of the County to locate as many of these out-of-service pools as possible. These identified areas of standing water are treated and stocked with mosquito fish. The OCMVCD's capacity to hold and rear mosquito fish has also been expanded to meet the increased demand for low-cost, long-term biological control (i.e., non-insecticidal method) of mosquito production.
- Develop equipment specifically designed to treat mosquito larvae and resting adults in underground storm drains, as well as the staffing necessary to operate this specialized equipment throughout the County.
- Expand technical services that include the purchase of equipment and development of in-house staffing to test blood and tissue samples that previously had to be sent to outside laboratories, including the State of California. Test results are now available within hours instead of weeks at a cost reduction of approximately 75%. In fact, the cost savings has been such that the initial equipment was paid for in less than two years. These test results are critical for focusing resources against high-priority elevated vector populations that carry the West Nile virus or other diseases.

VECTOR SURVEILLANCE

Assessment District No. 2 allows the OCMVCD to provide year-round monitoring of multiple vectors including mosquitoes, ticks, and rodents, and to identify infestations and increased vector populations that carry diseases such as encephalitis, dog heartworm, malaria, plague, hantavirus, and Lyme disease. Since the arrival of West Nile virus in 2003, the OCMVCD has increased the number of mosquito trapping sites in the County and speed of mosquito-borne disease testing.

As part of the proactive vector surveillance program, the OCMVCD has expanded the use of Geographic Information System (GIS) technology within its operational and laboratory functions to provide detailed information of vector breeding and treatment sites. GIS technology, along with enhanced communication systems, has allowed for more precise pesticide applications, and less time needed to respond and locate vector problem areas. These improvements provide OCMVCD with highly-focused vector monitoring and vector-borne disease surveillance and control programs.

OTHER SERVICES

Other services and activities provided by the OCMVCD, but *not funded* by Assessment District No. 2, include the following services and programs:

RODENT CONTROL

Since 1975, OCMVCD has had the primary responsibility for protecting properties and people in the County from the damage and public health threat (e.g., rat bite fever, bubonic plague, flea-borne typhus, filth diseases) represented by rats. The primary strategy employed by staff is education combined with engagement of the public. The only effective way to reduce rodent populations is to reduce the environmental factors that support them. While OCMVCD employees, in response to property owner calls, will place bait tubes and set traps to address existing rat infestations, the majority of the inspector's efforts are focused on showing the property owner how to make their property less attractive to rats. Rat control is largely a request for service issue; expanding the number of local service areas and number of inspectors has reduced the response time to properties and ultimately provides better rodent control for all properties in the County.

EMERGING DISEASE SURVEILLANCE

Vector-borne diseases are a major international public health problem. Vectors and their disease agents move readily across borders and can arise suddenly in new areas that do not have any natural limitations or immunity within new hosts. Some examples of these in the U.S. are two recently introduced mosquito-borne diseases, West Nile virus and dengue fever. The OCMVCD monitors vector populations and their diseases and coordinates with other local and statewide health care agencies to stay at the forefront of emerging threats. This multifaceted approach and ongoing monitoring for new and emerging public health threats, such as the Asian tiger mosquito, dengue fever, resurgence of West Nile virus, bubonic plague, and flea-borne typhus, has enabled the OCMVCD to keep these threats to low levels as a result of increased suppression and vigilance.

MISCELLANEOUS VECTORS

These programs include: surveillance for Lyme disease, bubonic plague, flea-borne typhus, Hantavirus, Rocky Mountain spotted fever, Chagas' disease, and other re-emerging diseases, and monitoring of black fly, midge, tick, and other vector populations.

COMMUNITY EDUCATION

Public awareness and partnership in vector control issues is critical to the effectiveness of the programs and services provided by the OCMVCD. Staff provides presentations, educational materials and workshops to the community, including schools and civic groups. News releases are issued, as appropriate, to keep property owners and the public informed about any threats resulting from vectors and vector-borne disease. Community education efforts are focused on (i) teaching property owners and occupants how to maintain their properties in a manner that reduces the risk of infestations and elevated vector populations, (ii) teaching property owners and occupants to identify dangerous vectors, and (iii) teaching property owners and occupants to respond to infestations and

elevated vector populations. Ultimately, these education efforts increase the value of OCMVCD's other services by (i) reducing the number of vector populations (and service calls), (ii) permitting OCMVCD to respond earlier in the life-cycle of elevated vector populations, and (iii) reducing the severity of increased vector populations. Thus, these education efforts leverage the results of OCMVCD's services.

SUMMARY OF SERVICES

The Services listed above are funded by Assessment District No. 2, Assessment District No. 1, and other funding sources (such as ad valorem taxes, interests, pass thru moneys, rent for cell sites, Vector Control Joint Powers Agency (VCJPA) pooled services, charges for services, and other miscellaneous revenues), as indicated in Figure 1, below:

FIGURE 1 – DIVISION OF COSTS

DESCRIPTION	Total OCMVCD Budgeted Expenses	Expenses Funded by Other Revenues		District No. 2 Expenses	% of Total
			% of Total		
Red Imported Fire Ant Program	\$ 1,767,722	\$ 517,774	29%	\$ 1,249,948	71%
Mosquito Control Programs	6,716,153	2,944,361	44%	3,771,792	56%
Vector Surveillance	1,364,387	598,148	44%	766,239	56%
Rodent Control	1,692,114	1,692,114	100%	-	0%
Emerging Disease Surveillance	314,858	314,858	100%	-	0%
Miscellaneous Vectors	419,811	419,811	100%	-	0%
Community Education	1,297,154	1,297,154	100%	-	0%
Total Budget Allocation	\$ 13,572,200	\$ 7,784,221	57%	\$ 5,787,979	43%

The Total Budget Allocation amount of \$5,787,979 for District No. 2 includes the amount to be assessed on the tax roll, \$5,677,670, plus the amount of \$110,309 as shown in Figure 2, which will be contributed by OCMVCD from other revenue sources to offset any special benefits on non-taxable publicly owned property, property used for educational purposes, non-profit properties, etc.

ESTIMATE OF COST

FIGURE 2 – ESTIMATE OF COST

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT			
Mosquito, Fire Ant and Disease Control Assessment (Assessment District No. 2)			
Estimate of Cost			
Fiscal Year 2016-17			
<i>Description</i>	<i>Cost</i>		
Vector Control Services and Related Expenditures			
Operations, Materials, and Supplies	3,606,100		
Personnel / Administration	9,671,100		
Capital Equipment and Fixed Assets	295,000		
Total Services and Operation	\$13,572,200		
Less:			
District Contribution for General Benefits and Other Services ¹	(\$7,874,221)		
District Contribution for Non-Assessed Parcels ²	(\$110,309)		
(16,415 SFEs x \$6.72 = \$110,309)			
Net Cost of Vector Control Services and Related Expenditures	\$5,587,670		
Incidental Costs			
County Collection, Levy Administration, and Other Incidentals ³	\$90,000		
Total Vector Control Services and Incidental Expenses	\$5,677,670		
(Net Amount to be Assessed)			
Budget Allocation to Property	Total	Assessment	Total
	SFE Units ⁴	per SFE	Assessment
	844,891.37	\$6.72	\$5,677,670

NOTES TO ESTIMATE OF COST:

1. District Contribution for General Benefits: As determined in the following section, at least 11% of the cost of the Services must be funded from sources other than the Assessment District No. 2 assessments to cover any general benefits from the Services. Therefore, out of the total cost of Services of \$13,572,200 the District must contribute at least \$1,492,942 from sources other than the assessments. The District will contribute over \$7,874,221 which is well over the estimated general benefits.
2. Publicly owned property, property used for educational purposes, and non-profit properties, are allocated benefits according to the method of assessment described in the following Section. However, since many of these properties are considered non-taxable and/or provide a public function, the District funds the assessed special benefits for these properties from ad valorem revenue and other sources.
3. Incidental Costs includes County collection charges, assessment administration costs, and allowance for uncollectible assessments.
4. SFE Units means Single Family Equivalent benefit units. See method of assessment in the following Section for further definition.

METHOD OF ASSESSMENT

INTRODUCTION

This section of the Report explains how this assessment satisfies the requirements of Article XIID of the California Constitution (Proposition 218); describes the benefits to be derived from the Services provided for property in the District, and the methodology used to apportion the total assessment to properties within the Assessment Area.

PROPOSITION 218 REQUIREMENTS

Section 4 of Article XIID of the California Constitution (adopted in 1996 as part of Proposition 218) imposes three major requirements upon special assessments.

REQUIREMENT 1:

Only special benefits are assessable, and an agency shall separate the general benefits from the special benefits conferred on a parcel.

Properties within Assessment District No. 2 receive numerous special benefits from the Services. Special benefits are “particular and distinct benefit[s] over and above general benefits conferred on real property located in the district or to the public at large.” Assessments can only be levied based on the *special benefit* to property, and the assessments cannot pay for *general benefits*.

Most of the Services funded by Assessment District No. 2 are provided directly on or proximate to properties within the Assessment District, either upon the request of the owner or occupant, or in response to OCMVCD surveillance efforts. Property owners are not charged an additional service charge when they receive these services.

Special Benefits include:

- a. Reduction of vector populations on the parcel.
- b. Reduction of the risk of elevated vector populations on the parcel.
- c. Abatement of dangerous, unhealthful, and/or unsightly conditions on the parcel.
- d. Prevention and/or reduction of the property damage on the parcel.

Further, when the Services are provided at a specific location, nearby parcels also realize special benefit from the Services. This is because an infestation of RIFA or an elevated concentration of other vectors, once established on a parcel, will often spread to neighboring parcels. Thus, the Services reduce the risk of infestation or elevated vector concentration even on parcels that do not specifically request services. As infestations or elevated vector concentrations can damage property and can produce dangerous, unhealthful, and unsightly conditions on property, the reduction of the risk of such infestation or high vector population is itself a special benefit.

Vector control is most efficiently implemented across areas larger than a single parcel. If the OCMVCD did not provide the Services, these properties would be less safe, and less functional, and property owners would often need to obtain services in another way in order to maintain the owner's ability to safely and healthfully use their property. Both the OCMVCD's surveillance and treatment approach and the service request approach provide similar special benefits by eliminating or reducing the spread of elevated vector populations to property.

While community education programs are available to the general public, the purpose of these programs is to promote awareness of the dangers associated with vectors, as well as to provide education to property owners and occupants about how to reduce and/or prevent elevated vector populations. Primarily focused on topics of interest to property owners and occupants, these public education efforts enlist property owners, occupants, and others as participants in the OCMVCD's surveillance efforts and enhance the District's ability to serve property within the District. Therefore, these education programs enhance the effectiveness of the OCMVCD's other programs, and provide similar special benefits to property.

It should be noted that while Services may be provided to reduce vector populations on specific properties, these Services also prevent the spread to other properties. The Services are delivered at thousands of points throughout the County and are delivered to any parcel upon request. Such Services are collectively part of an indivisible program that generates special benefits throughout the OCMVCD.

Without the funding provided by Assessment District No. 2, the OCMVCD would not be able to service properties at the current level. Indeed, a major factor leading to the creation of Assessment District No. 2 was a desire to restore, for the benefit of properties in the District, the Red Imported Fire Ant Program, which was threatened by the loss of state funding. Thus, the portion of OCMVCD's services that are funded by Assessment District No. 2 all constitute special benefits conferred on the parcels. The OCMVCD takes pride in the positive impacts upon public health that are a result of reduced vector populations on parcels in the OCMVCD as this is a measure of the success it has in rapidly responding to vectors and creating value for property owners in the District. However, Assessment District No. 2 funded Services are specifically intended for assessed parcels and the general public health benefits are a collateral result produced by the special benefits of the reduction of vector populations on property.

Several programs of the OCMVCD (such as rodent control, emerging disease surveillance, and miscellaneous vectors) are not funded by the Assessment District No. 2 assessment. Therefore, no effort was made to determine the special benefits of these programs in this Engineer's Report.

Separation and Quantification of Special and General Benefit

Although the primary purpose of the OCMVCD's Red Imported Fire Ant, Mosquito, and Disease Surveillance programs is to specially benefit properties throughout the District Boundaries, these programs do generate some relatively minor general benefits.

General Benefits include:

- General Scientific Benefits (to the public at large)
- General Educational Benefits (to the public at large)
- General Regional Vector Reduction (proximate, and just outside of District boundaries)

Scientific benefits result from analyses and reporting of vector data that is used by vector ecologists at the State level to learn how vectors spread and are best controlled. Educational general benefits are the side effect of public education activities that, while geared towards owners and occupants of parcels in the District, incidentally provide general health education to members of the public, or incidentally serve some property owners outside of the District. Regional vector reduction benefits occur when the reduction of vector populations inside OCMVCD's service area reduces vector populations just outside the District. Arguably, all three of these benefits are really only secondary consequences of the special benefits generated by OCMVCD's programs. Furthermore, it is arguable that these general benefits enhance the value of the assessment-funded programs to property – as, for example, the programs are made more effective by the results of the scientific work supported by data provided by the assessment-funded programs. However, for the purpose of this Engineer's Report, they will be treated as identified general benefits to be supported by non-assessment revenues. This treatment lends an element of conservatism to this Report's analysis of special benefit.

Calculation of General Benefits from Scientific and Educational Services:

Approximately 2.5% of the overall District budget is dedicated to scientific work enjoyed by the District and shared with the overall community. To be extremely conservative, and to account for future fluctuations in budget allocations for scientific funding, 100% of this activity will be modeled as general benefit. Further, to increase this conservative approach, this portion will be rounded up to 3%.

Likewise, the Community Education Program generates some general benefits. Though these programs are geared towards educating Orange County property owners and property occupants regarding the proper care of their property, the general public is permitted to participate in most of these activities. Furthermore, some portion of the curricula of these programs regards public health issues and medical treatments associated with vector-borne disease. Approximately 9% of the overall District budget is dedicated to the Community Education services enjoyed by the District and shared with the overall community. The District estimates that approximately one quarter of these costs are for programs and services for public health issues, medical treatments, and other general services to people that are indirect general benefit that will not be funded by

Assessment District No. 2. To be extremely conservative, and to account for future fluctuations in budget allocations for community education funding, 100% of this activity will be modeled as general benefit.

Calculation of General Benefit from Regional Vector Reduction:

The mosquito potential outside the District is based on studies of mosquito dispersal from their breeding sources. Mosquitoes can travel up to two miles, on average, so this destination range is used. Based on studies of mosquito flight ranges, relative to parcels in the District, average concentration of mosquitoes from the Unprotected Areas on properties within two miles of the Assessment Area is calculated to be less than 50%.¹ This relative vector population reduction factor within the destination range is combined with the number of parcels outside the Assessment Area and within the destination range to measure this general benefit and is calculated as follows:

Criteria:

Mosquitoes may fly up to 2 MILES from their breeding source.

81,659 parcels within 2 miles of, but outside of the District, may receive some mosquito and disease protection benefit

50% portion of relative benefit that is received

888,770 Parcels in the District

Calculations:

Total Benefit = 81,659 parcels * 50% = 40,829 parcels equivalents

Percentage of overall parcel equivalents = 40,829 / 888,770 = 5 %

Therefore, for the overall benefits provided by the Services to the Assessment Area, it is determined that 5% of the benefits is received by the parcels within two miles of the Assessment Area boundaries.

Summary of General Benefits

Using a sum of the measures of general benefit for the public at large and land outside the District, we find that approximately 11% of the benefits conferred by the Assessment may be general in nature and should be funded by sources other than the Assessment.

¹ Tietze, Noor S., Stephenson, Mike F., Sidhom, Nader T. and Binding, Paul L., "Mark-Recapture of *Culex erythrothorax* in Santa Cruz County, California", Journal of the American Mosquito Control Association, 19(2):134-138, 2003.

General Benefit Calculation

3%	(General Scientific)
+ 3%	(General Educational)
+ 5%	(General Regional)
= 11%	(Total General Benefit)

The assessment's total budget for mosquito, RIFA and vector abatement, disease control, and fixed asset equipment is \$13,572,200. Of this total budget amount, the District will contribute \$7,874,221 of the total operating budget from sources other than the assessments from Assessment District No. 2. This contribution by the District equates to over 59% of the total budget, and constitutes significantly more than the 11% amount attributable to the general benefits from the Assessment Area's Services.

REQUIREMENT 2:

An agency which proposes to levy an assessment shall identify all parcels which will have a special benefit conferred upon them and upon which an assessment will be imposed.

The services funded by the assessment are provided by the OCMVCD throughout Orange County. The OCMVCD responds to service requests made with respect to any Orange County location, and seeks to prevent or mitigate all vector-related threats occurring anywhere in the County. The number of services provided on any specific parcel can be expected to vary from year to year. However, because vectors, if left unchecked, rapidly spread from parcel to parcel, every parcel in the County benefits from the Services provided by the OCMVCD. Even if no service calls are made with respect to a specific parcel, the parcel benefits from the eradication of threats that would reach the parcel if the OCMVCD were not providing its Services. Services are available to each parcel at all times, and the OCMVCD has determined that, over time, all parts of the County will have a need for Services.² Furthermore, it would be impossible for the OCMVCD to respond to service requests if the OCMVCD did not maintain its staffing and response infrastructure on a continuous basis. Thus, all parcels benefit each year from the availability of Services.

² An analysis of service calls within the OCMVCD service area over recent years indicates mosquito related calls and service points are spread throughout the entire County with marginally higher concentrations of those activities being provided in and around areas of developed properties. Red Imported Fire Ant related calls tend to be more concentrated in certain areas of the County than are mosquito related activities. Red Imported Fire Ant calls and treatment sites are still found throughout the County and the concentration of service points fluctuates from one year to the next, indicating that there is no substantial difference in the Services or availability of Services being provided through Assessment District No. 2 that would suggest any measurable differences in benefit for any particular area of the County.

For purposes of Proposition 218, the parcels that are conferred a special benefit in connection with Assessment District No. 2 are identified as all parcels within the County. The assessment does not fund Services provided outside of Orange County. The word "parcel," for the purposes of this Engineer's Report, refers to an individual property assigned its own Assessor's Parcel Number (APN) by the Orange County Assessor's Office. The Orange County Auditor/Controller uses Assessor's Parcel Numbers and specific Fund Numbers to identify properties to be assessed on the tax roll for the special benefit assessments. Treatment of public and tax-exempt parcels not listed in the Assessor's roll is discussed below.

REQUIREMENT 3:

The proportionate special benefit derived by each identified parcel shall be determined in relationship to the entirety of the cost of the property related Service being provided. No assessment shall be imposed on any parcel which exceeds the reasonable cost of the proportional special benefit conferred on that parcel.

To assess benefits equitably it is necessary to calculate each property's relative share of the special benefits conferred by the funded Service. The Single Family Equivalent (SFE) method of assessment apportionment establishes a basic unit (base value) of benefit and then calculates the benefit derived by each assessed parcel as a multiple (or a fraction) of the basic unit.

For the purposes of this Engineer's Report, an SFE is the quantum of benefit derived from the funded program by a single family home on an average sized residential parcel. Thus, the "benchmark" property (the single family home on an average sized residential parcel) derives one SFE of benefit.

RESIDENTIAL PROPERTIES

Certain residential properties in the Assessment Area that contain a single residential dwelling unit are assigned one Single Family Equivalent or 1.0 SFE. Traditional houses, zero-lot line houses, and townhomes are included in this category of single family residential property.

Properties with more than one residential unit are designated as multi-family residential properties. These properties, along with condominiums, benefit from the Services in proportion to the number of dwelling units that occupy each property, the average number of people who reside in each property, and the average size of each property in relation to a single family home in Orange County. This Report analyzed Orange County population density factors from the 2000 US Census (the most recent data available when Assessment District No. 2 was established) as well as average dwelling unit size for each property type. After determining the Population Density Factor and Square Footage Factor for each property type, an SFE rate is generated for each residential property structure, as indicated in Figure 3 below. These factors were chosen to reflect that larger, more

populated dwelling units can anticipate to benefit more from services than smaller, less populated dwelling units — the consequences of an elevated vector population to a property and the property owner are largely determined by the extent of the development that can be damaged (or made less usable) by the elevated vector population and by the number of inhabitants that can be affected by the health hazards, safety hazards, and general inconvenience.

The SFE factor of 0.52 per dwelling unit for multifamily residential properties applies to such properties with 20 or fewer units. Properties in excess of 20 units typically offer on-site management, monitoring and other control services that tend to offset some of the benefits provided by the vector control district. Therefore the benefit for properties in excess of 20 units is determined to be 0.52 SFE per unit for the first 20 units and 0.10 SFE per each additional unit in excess of 20 dwelling units.

FIGURE 3 - RESIDENTIAL ASSESSMENT FACTORS

	Total Population	Occupied Households	Persons per Household	Population Density Equivalent	Sq Ft Factor	Proposed SFE Rate
Single Family Residential	1,590,349	479,900	3.31	1.00	x 1.00	= 1.00
Condominium	310,251	120,133	2.58	0.78	x 0.77	= 0.60
Multi-Family Residential	831,266	304,788	2.73	0.82	x 0.63	= 0.52
Mobile Home on Separate Lot	70,337	29,541	2.38	0.72	x 0.57	= 0.41

Source: 2000 Census, Orange County and property dwelling size information from the Orange County Assessor.

COMMERCIAL/INDUSTRIAL PROPERTIES

The commercial and industrial properties are generally open and operated for more limited times, relative to residential properties. Therefore, the relative hours of operation can be used as a measure of benefits, since residents and employees also provide a measure of the relative benefit to property. Again, this is because the consequences of an elevated vector population to a property and the property owner are largely determined by the extent of the development that can be damaged (or made less usable) by the elevated vector population and by the number of inhabitants that can be affected by the health hazards, safety hazards, and general inconvenience. Since commercial and industrial properties are typically open and occupied by employees approximately one-half the time of residential properties, it is reasonable to assume that commercial land uses receive one-half of the special benefit on a land area basis relative to single family residential property.

The average size of a single family home with 1.0 SFE factor in Orange County is 0.20 acres. Therefore, a commercial property with 0.20 acres receives one-half the relative benefit, or a 0.50 SFE factor.

The SFE values for various commercial and industrial land uses are further defined by using average employee densities because the special benefit factors described previously are also related to the average number of people who work at commercial/industrial properties.

To determine employee density factors, this Report utilizes the findings from the San Diego Association of Governments Traffic Generators Study (the "SANDAG Study") because these findings were approved by the State Legislature which determined the SANDAG Study to be a good representation of the average number of employees per acre of land area for commercial and industrial properties. As determined by the SANDAG Study, the average number of employees per acre for commercial and industrial property is 24. As presented in Figure 4, the SFE factors for other types of businesses are determined relative to their typical employee density in relation to the average of 24 employees per acre of commercial property.

Commercial and industrial properties in excess of 5 acres generally involve uses that are more land intensive relative to building areas and number of employees (lower coverage ratios). As a result, the benefit factors for commercial and industrial property land area in excess of 5 acres is determined to be the SFE rate per fifth acre for the first 5 acres and the relevant SFE rate per each additional acre over 5 acres. Institutional properties that are used for residential, commercial or industrial purposes are also assessed at the appropriate residential, commercial or industrial rate.

The following Figure 4 lists the benefit assessment factors for business properties.

FIGURE 4 - COMMERCIAL / INDUSTRIAL BENEFIT ASSESSMENT FACTORS

Type of Commercial / Industrial Land Use	Average Employees Per Acre ¹	SFE Units per Fraction Acre ²	SFE Units per Acre Over 5 Acres ³
Commercial	24	0.500	0.50
Office	68	1.420	1.42
Shopping Center	24	0.500	0.50
Industrial	24	0.500	0.50
Self Storage or Parking Lot	1	0.021	0.02
Agriculture	0.05	0.002	0.002

¹ Source: San Diego Association of Governments Traffic Generators Study.

² The SFE factors for commercial and industrial parcels indicated above are applied to each fifth acre of land area or portion thereof. (Therefore, the minimum assessment for any assessable parcel in these categories is the SFE Units listed herein.)

³ The SFE factors for commercial and industrial parcels indicated above are applied to each acre of land area or portion thereof that is greater than five (5) acres. (This SFE Factor is in addition to the SFE Factor calculated for the first five acres based on each fifth of an acre.)

VACANT PROPERTIES

The benefit to vacant (undeveloped) properties is determined to be proportional to the corresponding benefits for similar type developed properties. Undeveloped properties benefit less from funded activities than developed properties, since there are no structures on the parcel that can be damaged (or made less usable) by elevated vector populations, and since such parcels are not heavily used in a manner likely to be disrupted by elevated vector populations. Consequently, each vacant (undeveloped) parcel is assigned 0.50 SFE, which is half the benefit of the "benchmark" property (the single family home).

OTHER PROPERTIES

Article XIID stipulates that publicly owned properties must be assessed unless there is clear and convincing evidence that those properties receive no special benefit from the assessment.

Publicly owned property and property used for educational purposes, such as schools, as well as non-profit uses such as churches, hospitals or other institutions, are allocated benefits according to the method of assessment described above. However, since many of these properties are considered non-taxable and/or provide a public function, the District funds the assessed special benefits for these properties from ad valorem revenue and other sources. Thus, it is not necessary to assess these parcels or to increase assessments on other parcels to reflect services to these public and tax-exempt parcels, for services to them are funded with non-assessment revenues.

Miscellaneous, small and other parcels such as roads, right-of-way parcels, and common areas typically do not generate significant numbers of employees, residents, customers or guests and have limited economic value. These miscellaneous parcels receive minimal benefit from the Services and are assessed an SFE benefit factor of 0. Services on such parcels are not provided to benefit those parcels, but to benefit inhabited parcels near them. This is to say, for example, the District treats street gutters not to enhance the value or utility of gutters, but to protect human use of property near those gutters which would be adversely affected by the growth of vectors there.

DURATION OF ASSESSMENT

The Assessment was levied for fiscal year 2005-06 and every year thereafter, so long as mosquitoes and vectors remain in existence, and the Orange County Mosquito and Vector Control District requires funding from the Assessment for its Services. As noted previously, the Assessment and the duration of the Assessment were approved by property owners in an assessment ballot proceeding. The Assessment will be levied annually after the Orange County Mosquito and Vector Control District Board of Trustees approves an annually updated Engineer's Report, budget for the Assessment, Services to be provided, and other specifics of the Assessment. In addition, the District Board of Trustees must hold an annual public hearing to continue the Assessment.

APPEALS AND INTERPRETATION

Any property owner who feels that the assessment levied on the subject property is in error as a result of incorrect information being used to apply the foregoing method of assessment, may file a written appeal with the District Manager of the Orange County Mosquito and Vector Control District, or his or her designee. Any such appeal is limited to correction of an assessment during the then current Fiscal Year or, if before July 1, the upcoming fiscal year. Upon the filing of any such appeal, the District Manager, or his or her designee, will promptly review the appeal and any information provided by the property owner. If the District Manager, or his or her designee, finds that the assessment should be modified, the appropriate changes shall be made to the assessment roll. If any such changes are approved after the assessment roll has been filed with the County of Orange for collection, the District Manager, or his or her designee, is authorized to refund to the property owner the amount of any approved reduction. Any dispute over the decision of the District Manager, or his or her designee, shall be referred to the Board of Trustees. The decision of the Board shall be final.

ASSESSMENT OF SERVICE COSTS

As required by the California Constitution, the proportionate special benefit derived by each parcel within the Assessment District No. 2 and its corresponding assessment obligation shall be determined in relationship to the entirety of the total cost of providing enhanced level of service programs and activities provided by the OCMVCD. The following formulas are used to calculate each parcel's Levy Amount (proportional assessment obligation):

Step 1: The first step is to determine the costs that will be assessed. As has been noted, Assessment District No. 2 funds only a portion of the total cost of OCMVCD. Other funding sources (i) fully fund certain activities provided by the OCMVCD, (ii) fund the identified cost of general benefits of activities that are partially funded by OCMVCD, and (iii) fund a portion of the special benefits of partially funded activities (because the OCMVCD's contribution from other funds far exceeds the identified general benefits of these activities).

Total Assessed Costs = Total Budget – Expenditures from Other Funding Sources

Step 2: Each parcel's proportional special benefit is calculated based on the Single Family Equivalent units rationale previously discussed:

Parcel's Assigned SFEs = Parcel's SFE Factor x (Acreage or Units)

Step 3: The total number of Single Family Equivalent units for Assessment District No. 2 is determined by the sum of all individual SFE(s) applied to parcels that receive a special benefit from the Services. An assessment amount per SFE (Assessment Rate) is established by taking the Total Special Benefit Costs, and dividing that amount by the total number of SFE(s).

Assessment Rate per SFE = Total Assessed Costs / Total Assigned SFEs

Step 4: This Assessment Rate is then applied back to each parcel's individual SFE to determine the parcel's proportionate benefit and assessment obligation.

Parcel Levy Amount = Assessment Rate per SFE x Parcel's Assigned SFEs

Step 5: Those properties which are identified as non-taxable and/or provide a public function for which the OCMVCD will pay their proportional assessment obligation are identified. The total amount of these assessments (District Contribution for Non-Assessed Parcels) is deducted from the Total Amount to Be Levied to derive the balance to levy (Net Amount to Be Assessed on Tax Roll).

Total Amount to Be Levied – District Contribution for Non-Assessed Parcels =
Net Amount to Be Assessed on Tax Roll

ASSESSMENT

WHEREAS, the Orange County Mosquito and Vector Control District Board of Trustees directed the undersigned Engineer of Work to prepare and file a report presenting an estimate of costs of Services, a diagram for an assessment district and an assessment of the estimated costs of Services, and the special and general benefit conferred thereby, upon all assessable parcels within the District as depicted in the Assessment Diagram included in this report;

NOW, THEREFORE, the undersigned in accordance with the provisions of Article XIID of the California Constitution, the Government Code and the Health and Safety Code and the order of the Board of Trustees, hereby make the following determination of an assessment to cover the portion of the estimated cost of the Services, and the costs and expenses incidental thereto to be paid by the Orange County Mosquito and Vector Control District.

The District has evaluated and estimated the costs of extending and providing the Services to the Assessment Area. The estimated costs are summarized in Figure 2 and detailed in Figure 5, below.

The amount to be paid for the services and improvements and the expenses incidental thereto, to be paid by the Orange County Mosquito and Vector Control District for the fiscal year 2017-18 is generally as follows:

FIGURE 5 - SUMMARY COST ESTIMATE (FY 2017-18 BUDGET)

Description	Cost
Vector Control Services and Related Expenditures	\$13,572,200
Incidental Expenses	\$90,000
District Contribution for General Benefits / Other Services	(\$7,874,221)
Total Amount to Be Levied as Special Benefit	\$5,787,979
Calculated Assessment Rate FY 2017-18	\$6.72
Total Single Family Equivalent Units (<i>Non-Assessed Parcels</i>)	16,415.00
District Contribution for Non-Assessed Parcels	(\$110,309)
Net Amount to Be Assessed on Tax Roll	\$5,677,670
Total Single Family Equivalent Units (SFEs)	861,306.37
Total Single Family Equivalent Units (<i>Non-Assessed Parcels</i>)	16,415.00
Total Single Family Equivalent Units (<i>Assessed Parcels</i>)	844,891.37
Applied Assessment Rate FY 2017-18	\$6.72

An Assessment Diagram is hereto attached and made a part hereof showing the exterior boundaries of the Assessment Area. The distinctive number of each parcel or lot of land is its Assessor Parcel Number appearing on the Assessment Roll.

I do hereby determine and apportion the net amount of the cost and expenses of the Services, including the costs and expenses incidental thereto, upon the parcels and lots of land within the District, in accordance with the special benefits to be received by each parcel or lot, from the Services, and more particularly set forth in the this Engineer's Report.

The assessment determination is made upon the parcels or lots of land within the District in proportion to the special benefits to be received by the parcels or lots of land, from the Services.

The assessment will be annually reviewed and adjusted. The amount of the adjustment will be tied to the annual change in the Consumer Price Index for the Los Angeles-Riverside-Orange County Area ("CPI"), with a maximum annual adjustment not to exceed 3%. In the event that the annual change in the CPI exceeds 3%, any percentage change in excess of 3% can be cumulatively reserved as the "Unused CPI" and can be added to the annual change in the CPI for years in which the CPI change is less than 3%. The maximum authorized assessment rate is equal to the maximum assessment rate in the first fiscal year the assessment was levied adjusted annually by the minimum of 1) 3%, or 2) the change in the CPI plus any Unused CPI as described above. The initial maximum assessment rate balloted and established in Fiscal Year 2004-05 was \$5.42.

Based on the preceding annual adjustments, the maximum assessment rate for Fiscal Year 2016-17 was \$7.10. The annual change in the CPI from January 2016 to January 2017 for All Urban Consumers in the Los Angeles-Riverside-Orange County Area as reported by the United States Department of Labor, Bureau of Labor and Statistics was 2.11% and the unused CPI carried forward from the previous fiscal year is 0.10%. Therefore, the maximum authorized assessment rate for Fiscal Year 2017-18 has been increased by 2.21%, from \$7.10 to \$7.26 per Single Family Equivalent unit (SFE). However, the estimate of cost and budget in this Engineer's Report supports assessments for Fiscal Year 2017-18 at the rate of \$6.72 per SFE unit, which is \$0.54 per SFE unit below the maximum authorized assessment rate, and \$1.30 higher than the original balloted rate of \$5.42 approved in 2004-05.

Each parcel or lot of land is described in the Assessment Roll by reference to its parcel number as shown on the Assessor's Maps of the County of Orange for the fiscal year 2017-18. For a more particular description of the property, reference is hereby made to the deeds and maps on file and of record in the office of the County Recorder of the County of Orange.

I hereby place opposite the Assessor Parcel Number for each parcel or lot within the Assessment Roll, the amount of the assessment for the fiscal year 2017-18 for each parcel or lot of land within the Mosquito, Fire Ant and Disease Control Assessment Area.³

Dated: May 3, 2017

Engineer of Work



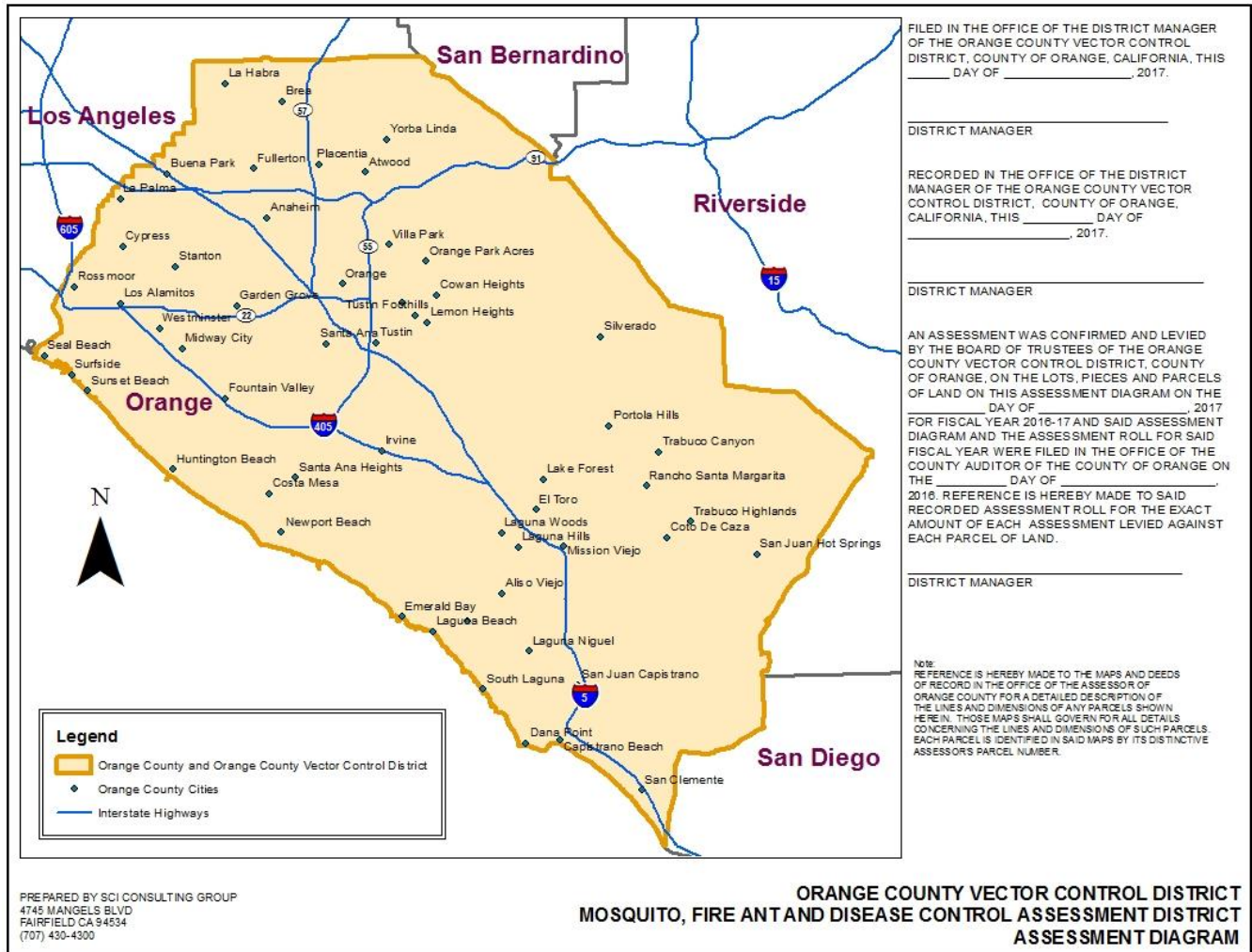
A handwritten signature in blue ink that reads "John W. Bliss". The signature is written in a cursive style and is positioned to the right of the seal.

By _____
John W. Bliss, License No. C052091

³ Each parcel has a uniquely calculated assessment based on the estimated level of special benefit to the property as determined in accordance with this Engineer's Report.

ASSESSMENT DIAGRAM

The assessment district area includes all properties within the boundaries of Orange County Mosquito and Vector Control District and is displayed on the following Assessment Diagram.



ASSESSMENT ROLL

Reference is hereby made to the Assessment Roll in and for the Assessment District on file in the office of the District Manager for the Orange County Mosquito and Vector Control District, as the Assessment Roll is too voluminous to be bound with this Report.

RESOLUTION NO. 443

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT**

**STATING THE INTENTION OF THE BOARD TO LEVY THE
VECTOR SURVEILLANCE AND CONTROL ASSESSMENT (DISTRICT NO. 1)
FOR FISCAL YEAR 2017-18 AND SETTING A TIME AND PLACE
FOR A HEARING REGARDING SUCH LEVY**

WHEREAS, Health & Safety Code Section 2082 authorizes the District to levy special benefit assessments to finance vector control projects and programs; and

WHEREAS, pursuant to this authorization, the District annually levies its "Vector Surveillance and Control Assessment" (the "Assessment"); and

WHEREAS, by prior resolution, the Board of Trustees designated SCI Consulting Group (the "Engineer") as Engineer of Work for the Fiscal Year 2017-18 levy of the Assessment and directed the Engineer to prepare the report with respect to this levy; and

WHEREAS, the Engineer has filed with the Board a report entitled "Orange County Mosquito and Vector Control District, Vector Surveillance and Control Assessment 2017-18 Engineer's Annual Levy Report" (the "Report"), which is on file in the District's offices and available for public inspection; and

WHEREAS, the Board desires to hold a public hearing on the Fiscal Year 2017-18 levy of the Assessment as set forth in the Report.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Orange County Mosquito and Vector Control District that:

SECTION 1. The Board hereby preliminarily approves the Report and declares its intention to levy the Assessment for Fiscal Year 2017-18 as set forth in the Report.

SECTION 2. The programs to be funded by the Assessments are generally described as mosquito and vector control services provided throughout Orange County (the "Program"). The total estimated cost of the Program is \$13,572,200. This estimate includes costs that are not funded by the Assessments, but will be funded by other available funds of the District.

SECTION 3. Estimated Program costs funded through the Assessment District No. 1 Assessment for Fiscal Year 2017-18 are \$1,551,073. This cost results in a proposed assessment rate of \$1.92 per benefit unit for Fiscal Year 2017-18.

SECTION 4. The Assessments are proposed to be levied for Fiscal Year 2017-18 at rates not exceeding the rates levied for Fiscal Year 2016-17. The rate of the Assessment District No. 1 Assessment has been unchanged since the adoption of Article XIII D of the California Constitution by the voters in 1996 as part of Proposition 218. As such, the rate complies with the "grandfather" requirements of Section 5(a) of Article XIII D and of Health & Safety Code Section 2084.

SECTION 5. Notice is hereby given that on June 15, 2017, at the hour of three o'clock p.m. at the Orange County Mosquito and Vector Control District Office located at 13001 Garden Grove Blvd.,

Garden Grove, California, 92843 the Board will hold a public hearing to consider the ordering of the Program, and the levy of the Assessments for Fiscal Year 2017-18.

SECTION 6. SCI Consulting Group shall cause a notice of the hearing to be given by publishing a notice once, at least ten (10) days prior to the date of the hearing above specified, in the Orange County Register and the Los Angeles Times, both of which are newspapers circulated in the District.

The foregoing Resolution was PASSED and ADOPTED by the Board of Trustees of the Orange County Mosquito and Vector Control District at a regular meeting thereof held on May 18, 2017, at 13001 Garden Grove Blvd., Garden Grove, California, 92843.

PASSED, APPROVED, and ADOPTED by the Board of Trustees of the Orange County Mosquito and Vector Control District at its regular meeting thereof held on the 18th day of May 2017, at 13001 Garden Grove Blvd., Garden Grove, California, 92843.

Barbara D. Kogerman, President

I hereby certify that the foregoing Resolution was duly adopted by the Board of Trustees of the Orange County Mosquito and Vector Control District at a regularly scheduled meeting, held on May 18, 2017:

Cheryl Brothers, Secretary

APPROVED AS TO FORM:

Alan R. Burns, District Counsel

RESOLUTION NO. 444

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT**

**STATING THE INTENTION OF THE BOARD TO LEVY
THE MOSQUITO, FIRE ANT AND DISEASE CONTROL ASSESSMENT
(DISTRICT NO. 2) FOR FISCAL YEAR 2017-18
AND SETTING A TIME AND PLACE FOR A HEARING REGARDING SUCH LEVY**

WHEREAS, Health & Safety Code Section 2082 authorizes the District to levy special benefit assessments to finance vector control projects and programs; and

WHEREAS, pursuant to this authorization, the District annually levies its "Mosquito, Fire Ant, and Disease Control Assessment" (the "Assessment"); and

WHEREAS, by prior resolution, the Board of Trustees designated SCI Consulting Group (the "Engineer") as Engineer of Work for the Fiscal Year 2017-18 levy of the Assessment and directed the Engineer to prepare the report with respect to this levy; and

WHEREAS, the Engineer has filed with the Board a report entitled "Orange County Mosquito and Vector Control District, Mosquito, Fire Ant & Disease Control Assessment 2017-18 Engineer's Annual Levy Report" (the "Report"), which is on file in the District's offices and available for public inspection; and

WHEREAS, the Board desires to hold a public hearing on the Fiscal Year 2017-18 levy of the Assessment as set forth in the Reports.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Orange County Mosquito and Vector Control District that:

SECTION 1. The Board hereby preliminarily approves the Report and declares its intention to levy the Assessment for Fiscal Year 2017-18 as set forth in the Report.

SECTION 2. The programs to be funded by the Assessments are generally described as mosquito and vector control services provided throughout Orange County (the "Program"). The total estimated cost of the Program is \$13,572,200. This estimate includes costs that are not funded by the Assessments, but will be funded by other available funds of the District.

SECTION 3. Estimated Program costs funded through the Assessment District No. 2 Assessment for Fiscal Year 2017-18 are \$5,677,670. This cost results in a proposed assessment rate of \$6.72 per single-family equivalent benefit unit for Fiscal Year 2017-18.

SECTION 4. The Assessments are proposed to be levied for Fiscal Year 2017-18 at rates not exceeding the rates levied for Fiscal Year 2016-17. The rate of the Assessment District No. 2 Assessment was adopted by the Board in 2004 by its Resolution No. 274 following notice, hearing, balloting and protest proceedings conducted pursuant to Section 4 of Article XIID and applicable state law.

SECTION 5. Resolution No. 274 authorized annual rate adjustments to the Assessment District No. 2 Assessment equal to the change in the Los Angeles Area Consumer Price Index ("CPI"), but not to exceed 3% (three percent) per year. The change in the CPI from January 2016 to January 2017 was 2.11%. Consequently, the maximum rate authorized under Resolution No. 274 is \$7.26 per single family equivalent benefit unit. The levy of the Assessment District No. 2 Assessment at any rate of \$7.26 or less per single family equivalent benefit unit does not constitute an "increase" of the rate requiring notice, hearing, balloting and protest proceedings pursuant to Article XIID.

SECTION 6. Notice is hereby given that on June 15, 2017, at the hour of three o'clock p.m. at the Orange County Mosquito and Vector Control District Office located at 13001 Garden Grove Blvd., Garden Grove, California, 92843 the Board will hold a public hearing to consider the ordering of the Program, and the levy of the Assessments for Fiscal Year 2017-18.

SECTION 7. SCI Consulting Services shall cause a notice of the hearing to be given by publishing a notice once, at least ten (10) days prior to the date of the hearing above specified, in the Orange County Register and the Los Angeles Times, both of which are newspapers circulated in the District.

PASSED, APPROVED, and ADOPTED by the Board of Trustees of the Orange County Mosquito and Vector Control District at its regular meeting thereof held on the 18th day of May 2017, at 13001 Garden Grove Blvd., Garden Grove, California, 92843.

Barbara D. Kogerman, President

I hereby certify that the foregoing Resolution was duly adopted by the Board of Trustees of the Orange County Mosquito and Vector Control District at a regularly scheduled meeting, held on May 18, 2017:

Cheryl Brothers, Secretary

APPROVED AS TO FORM:

Alan R. Burns, District Counsel

G. INFORMATIONAL ITEMS

1. **STAFF PRESENTATION: SENIOR STAFF WILL GIVE AN UPDATE OF VECTOR ACTIVITY IN ORANGE COUNTY**
2. **DISCUSS OC GRAND JURY REPORT ENTITLED “IS ORANGE COUNTY READY FOR ZIKA? IT TAKES A VILLAGE TO HANDLE MOSQUITO-BORNE VIRUSES”**
3. **ANNUAL REPORT OF EXPENSE REIMBURSEMENTS FOR 2016 (EXHIBIT A)**
4. **ANNUAL HEALTH BENEFIT BROKER FEES AND COMMISSION DISCLOSURE**
5. **REPORT OF DISTRICT ACTIVITIES**



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

May 18, 2017

AGENDA REPORT

AGENDA ITEM # G.3

Prepared By: Wendy Goodson, Director of Administrative Services
Submitted By: Rick Howard, District Manager

Agenda Title:

Annual Report of Expense Reimbursements for 2016

Recommended Action:

Receive and file.

Executive Summary:

In compliance with Government Code Section 53065.5, each special district must annually disclose any reimbursement paid by the District within the immediately preceding fiscal year of at least \$100 for each individual charge for service or product received. "Individual charge" includes, but is not limited to, one meal, lodging for one day, transportation, or a registration fee paid to any employee or member of the governing body of the district.

Fiscal Impact:

Amount Requested \$ N/A

Sufficient Budgeted Funds Available:

Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item:

Exhibits:

[Exhibit A: Annual Report of Expense Reimbursements from January 1, 2016 through December 31, 2016.](#)

Orange County Mosquito and Vector Control District
Annual Report of Expense Reimbursements
Individual Charges of at least \$100 for
January 1, 2016 through December 31, 2016

TRUSTEE/EMPLOYEE NAME	STATUS	AMOUNT	REIMBURSEMENT DESCRIPTION	REIMBURSEMENT DATE
Pacific, Tina	Employee	249.52	CALPELRA Annual Conference	01/07/2016
Koenig, Steve	Employee	150.00	Safety Boot Reimbursement	01/21/2016
Stoddard, Jodie	Employee	114.30	Laserfiche Conference	01/21/2016
Levy, Leslie	Employee	150.00	Safety Boot Reimbursement	02/03/2016
Mudge, Bill	Employee	150.00	Safety Boot Reimbursement	02/18/2016
Savage, John	Employee	149.99	Safety Boot Reimbursement	02/18/2016
De Lira, Simon	Employee	150.00	Safety Boot Reimbursement	03/02/2016
Krueger, Laura	Employee	219.49	AMCA Annual Meeting	03/02/2016
Sipe, Russell	Employee	140.40	Safety Boot Reimbursement	03/16/2016
Krueger, Laura	Employee	564.19	MVCAC Annual Meeting	03/31/2016
Coburn, Mary Joy	Employee	100.25	AMCA Conference	04/14/2016
Arias, Miguel	Employee	140.40	Safety Boot Reimbursement	05/11/2016
Garcia, Francisco	Employee	149.95	Safety Boot Reimbursement	05/11/2016
Ross, Cynthia	Employee	463.20	Fire Ant Conference	05/19/2016
Gonzalez, Hector	Employee	150.00	Safety Boot Reimbursement	05/25/2016
Drake, John	Employee	193.50	Spring 2016 Tuition Reimbursement	06/08/2016
Drake, John	Employee	150.00	Safety Boot Reimbursement	06/08/2016
Miller, David	Employee	150.00	Safety Boot Reimbursement	06/08/2016
Drake, John	Employee	550.46	NCUE Invasive Fire Ant Conference	06/08/2016
Bui, Danny	Employee	140.40	Safety Boot Reimbursement	06/22/2016
Niewola, Urszula	Employee	150.00	Safety Boot Reimbursement	06/22/2016
Ross, Cynthia	Employee	167.75	Fire Ant Conference	06/22/2016
Nguyen, Kiet	Employee	150.00	Safety Boot Reimbursement	06/30/2016
Torres, Jose	Employee	150.00	Safety Boot Reimbursement	08/03/2016
De Lira, Anthony	Employee	115.00	Business Writing Class Reimbursement	08/18/2016
Drews, John	Employee	150.00	Safety Boot Reimbursement	08/31/2016
Morgan, Timothy J.	Employee	145.80	Safety Boot Reimbursement	09/14/2016
Bausa, Roland	Employee	147.15	Safety Boot Reimbursement	09/14/2016
Cavileer, Raymond	Employee	150.00	Safety Boot Reimbursement	09/14/2016
De Lira, Anthony	Employee	150.00	Safety Boot Reimbursement	09/14/2016
Plummer, John Clark	Employee	150.00	Safety Boot Reimbursement	09/14/2016
Rodriguez, Pino	Employee	136.87	Safety Boot Reimbursement	09/14/2016
Eseltine, Matthew	Employee	150.00	Safety Boot Reimbursement	10/12/2016
Reisinger, Caroline	Employee	150.00	Safety Boot Reimbursement	10/12/2016
Morey, Nick	Employee	150.00	Safety Boot Reimbursement	10/26/2016
Pacific, Tina	Employee	720.54	NEOGOV Annual Conference	10/26/2016
Coburn, Mary Joy	Employee	245.04	CSDA 2016 Conference	10/26/2016
Gonzalez, Hector	Employee	150.00	Safety Boot Reimbursement	10/27/2016
Drake, John	Employee	120.00	Qualified Applicator License Renewal	11/23/2016
Cassidy, Charlie	Employee	150.00	Safety Boot Reimbursement	12/08/2016
Pett, Tawnia	Employee	136.00	CSDA Clerk of the Board Conference	12/08/2016



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

May 18, 2017

AGENDA REPORT

AGENDA ITEM # G.4

Prepared By: Wendy Goodson, Director of Administrative Services
Submitted By: Rick Howard, District Manager

Agenda Title:

Annual Health Benefit Broker Fees and Commission Disclosure

Recommended Action:

Receive and file.

Executive Summary:

As required by Section 1367.08 of the California Health and Safety Code and Section 10604.5 of the California Insurance Code, the District must disclose any group health insurance premiums, fees and commissions paid to all agents, provider and brokers.

Agents/Brokers of Record

Medical Broker/Administrator	Non-Medical Broker
California Public Employee Retirement Services (CalPERS) 400 Q Street Sacramento, CA 94229-2714	Wells Fargo Insurance Services 21250 Hawthorne Blvd., Suite 600 Torrance, CA 90503

Summary Services Provided

CalPERS administers and negotiates rates and coverage for all District medical plans. Services provided by CalPERS includes: plan design, negotiating with medical and pharmaceutical carriers, developing and printing plan summaries, outlines and brochures, billing, claims processing, hosting an online database for enrollments and changes, participant appeals and grievances, website design and maintenance, and free workshops/seminars for employers, employees, and retirees.

All non-medical health plans which include vision, dental, long-term disability, accidental death & dismemberment, and life insurance benefits are brokered by Wells Fargo Insurance Services. Services provided by Wells Fargo Insurance Services includes: plan design options, negotiating rates and benefits with carriers, legal and compliance updates and advice, open enrollment support, assistance with claims processing and resolution, and various analysis upon request.

Summary of Fees/Commissions

The premiums and fees include both the employer and employee paid cost.

Plan Year	Broker/Administrator	Coverage	Premiums	Total Fees/ Commissions	% of Fees to Premiums
2016	CalPERS	Medical	\$687,531	\$2,131*	.31%
2016	Wells Fargo Insurance Services	Dental, Vision, Long Term Disability, Life Insurance	\$124,888	\$11,553	.09%

*Effective July 1, 2016, the CalPERS Board of Administration set the Public Employees' Medical and Hospital Care Act (PEMHCA) administrative fee to 0.31 percent. The administrative fee was 0.33 percent for January 1 – June 30, 2016. The administrative fee is calculated on total active and total retired health premiums each month. Health plans offered, covered benefits, monthly rates, and co-payments are determined by the CalPERS Board, which reviews health plan contracts annually.

Fiscal Impact:

Amount Requested \$ N/A

Sufficient Budgeted Funds Available:

Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item:

Exhibits:

Vector of the Month-Mosquitoes of Orange County

Orange County supports a unique assemblage of mosquitoes represented among common and rare species. Several are known for their historical involvement with the classical transmission of encephalitis and malaria to humans. The following text presents a brief synopsis of the commonly occurring mosquito species currently known from the county.

***Culex quinquefasciatus*:** The southern house mosquito is the species responsible for a majority of the District's mosquito abatement services and related control activities. Females are active nearly year around in the more sheltered areas of the county and will frequently enter houses to seek blood. Larvae are commonly associated with all types of "urban waters" held in sources ranging from swimming pools to flower pots. This species serves as our primary vector of both West Nile (WNV) and St. Louis encephalitis (SLE) viruses.

***Culex tarsalis*:** The western encephalitis mosquito is considered by most mosquito biologists to be the principal encephalitis vector throughout much of its range in North America. It is our primary vector of western equine encephalitis (WEE) virus and primary/secondary vector of WNV and St. Louis encephalitis (SLE) virus. Adults are active during the spring, summer, and fall. Though more common in less developed areas, breeding occurs throughout the county in association with most types of clean, standing water sources in channels and marshes.

***Culex erythrorhax*:** The tule mosquito is a distinctive reddish-colored species associated with coastal and inland permanent wetlands, particularly the San Joaquin Marsh. Although females do not disperse far from breeding sources to bite, their often painful bite is usually followed by a severe local reaction. The tule mosquito overwinters as mature larvae, unlike most *Culex* species that overwinter as adult females. Emergence occurs as early as late

February with continuous breeding extending well into the fall during favorable years. This species has been found naturally infected with WNV, WEE, and SLE, but is considered a less competent vector of these mosquito-borne diseases.

***Culex stigmatosoma*:** This close relative of *Culex tarsalis* is sometimes referred to as the foul water mosquito as a consequence of its breeding habits in association with either stagnant or polluted waters. Females are on the wing throughout the county from spring to early fall, seldom bite humans, and only rarely enter homes. This species has been demonstrated to be an efficient vector of WNV and St. Louis encephalitis (SLE) virus, and thus, represents an important link in the maintenance of these viruses in birds.

***Aedes squamiger*:** The California salt marsh mosquito is a late winter and early spring species that breeds in coastal wetlands flooded by seasonal rainfall. Larvae usually occur in rainwater filled depressions in association with pickleweed and salt grass. It is an extremely aggressive day and dusk biter with the capacity to disperse long distances to obtain a blood meal. Bolsa Chica populations have been found naturally infected with a California group (CE) encephalitis (Morro Bay) virus. The potential impact of this virus on residents inhabiting coastal areas is unknown.

***Aedes taeniorhynchus*:** This summer species is sometimes called the dark salt marsh mosquito because of its highly contrasting black and white coloration. Larvae develop in upland pickleweed flats

that are flooded by high tides. It is an aggressive biter during the day and at dusk, and can be troublesome to coastal residents living near breeding sources.

Culiseta incidens: The cool weather mosquito is most often encountered from February through June. It is found throughout the county in association with a variety of larval habits that include rainwater pools, artificial containers, and ornamental ponds. Although this mosquito is not considered a major pest, females will occasionally enter homes or bite residents outdoors near breeding sources.

Anopheles hermsi: This spring, summer, and fall mosquito is found sporadically throughout the county in association with breeding sources containing floating mats of filamentous algae. As a competent vector of human malaria, this species has been involved with the autochthonous (indigenous) transmission of this disease in San Diego County. Malaria transmission is possible in Orange County if residents are bitten by females that have been infected as a consequence of feeding on either a resident or transient experiencing a typical relapse.

Culiseta inornata: The impressive large winter mosquito is encountered during the cooler months of the year. Larvae develop in all types of natural sources. Abundant larval populations occur in association with *Ae. squamiger* in salt marsh habitats. At times, this species can be locally troublesome to coastal residents. Elsewhere, this species has been involved with the transmission of a number of mosquito-borne encephalitides: WEE, SLE, and CE (Jamestown Canyon) viruses.

Culiseta particeps: Similar to *Culiseta inornata*, this distinctive species with scale patches on the wings usually breeds during the cooler months of the year. Larvae occur in shaded alga-laden pools along foothill streams both inland and near the coast.

***Aedes washinoi* (formerly *Ae. increpitus*)**: *Aedes washinoi* occurs along the coast and sporadically inland where it can be locally annoying to residents following wet winters. Larvae develop in fresh water located in the upland portions of salt marshes and in floodwater sections of coastal and inland streams.

Anopheles franciscanus: On the wing during the spring, summer, and fall, this species is found at a limited number of sites within the county. It breeds in sources supporting abundant algal-growths and floating mats of vegetation. This species seldom bites humans and does not experimentally transmit human malaria in the laboratory.

Aedes aegypti* & *Aedes albopictus: These invasive mosquito species are primarily associated with urban areas, and can be found breeding in natural and small artificial water sources, such flower pots. They are active during the day and readily take blood meals indoors and outdoors. These species can transmit yellow fever, dengue, chikungunya, and zika to people; and dog heartworm to dogs.

The World's Deadliest Animal Lives in Your Backyard

By Keith Sharon, Orange County Register, April 27 - 28, 2017



Southern house mosquito larvae in the lab (left) at the Orange County Mosquito and Vector Control District office in Garden Grove on Wednesday, April 26, 2017. (Photo by Mark Rightmire, Orange County Register/SCNG)

The blood-lusting killers attack in the darkest hours, after you've gone to bed or early in the morning. If they were zombies or vampires, you would fear them. But these killers, which are very real, don't get the respect or caution they deserve. Consider this: Since 2014, these creatures have passed along the potentially deadly West Nile virus to 1,311 people in Los Angeles, Orange, Riverside and San Bernardino counties. How would you react if that number were connected to the phrases "mountain lion attacks" or "shark bites?"

A day in the life of a vector control officer: It's not all just mosquitoes

Mosquitoes are the world's deadliest animals, according to the World Health Organization. And, over the next few months, Southern California insect experts are bracing for a massive, region-wide mosquito attack. Heavy rains during winter and spring washed away a key natural predator (the tiny gambusia fish), so mosquitoes have been reproducing "unchecked" according to Orange County Vector Ecologist Laura Krueger. The rains left standing water everywhere, and that's where the larvae from this unchecked mosquito reproduction are deposited.

You do not want nearby mosquitoes — disease-carrying blood suckers — to practice free love. But when they do, you rely on people like Lesly Saba, a Vector Control Inspector, to eradicate their offspring. Ask what she does for a living, and she will say it succinctly: "I am a mosquito killer," said Saba, one of 19 killer/inspectors in Orange County. And, of the coming season, Saba adds this: "We need to get revved up."

Bugs don't know borders

In Los Angeles County, inspectors say their mosquito trap counts have doubled in recent weeks. "The winter and spring storms have been a concern," said Levy Sun, public information officer for Greater Los Angeles County Vector Control District. Levy said he is particularly concerned about the San Fernando Valley where a hot summer will allow the West Nile virus to replicate faster in

the mosquitoes who carry it. In Riverside County, vector experts are particularly concerned about a recently arrived invasive mosquito, *Aedes aegypti*, which carries yellow fever and the Zika virus.

“The *Aedes* mosquito prefers to breed in very small amounts of water in or around homes,” said Dottie Merki, Public Information Officer with the Riverside Department of Health. “We educate (residents) to look for anywhere water is pooling such as upturned bottle caps, toys, tarps etc.”

On the front lines of this mosquito battle, Saba, 28, wears a long-sleeve shirt even though she can't remember the last time she was bitten. She and her team are good at what they do. In 2014, there were nine West Nile deaths in Orange County. That number dropped to eight the following year, then one last year. West Nile cases overall dropped in the county from 280 in 2014 to 36 last year.

Saba gives some of the credit to the inch-long gambusia. “That fish,” she said, “is my weapon of choice.” The gambusias, said Vector communications specialist Patrick McCaffrey, “are saving Orange County in a big way. This is nature at work.”

Saba spends her days driving through Orange County neighborhoods, bringing with her a bucket with thousands of tiny gambusias. When she finds pools of standing water — sometimes in a public place, sometimes in a backyard — she dumps the gambusias and they start eating the mosquitoes.

Vector Control estimates there are 7,200 unfiltered or poorly maintained swimming pools in Orange County. They are called “green” pools, which is a euphemism. Really, Saba said, they're brown or black pools. Such pools are disgusting, and when mosquitoes see them they lay eggs on the surface of the standing water. If that water moves, the larvae drown and the mosquitoes don't reproduce. If it doesn't move, the larvae survive. Lately, a lot of that water hasn't moved.

Bug detectives

Saba spent a recent morning in Orange, pouring tiny fish into two backyard fountains. The homeowner says his daughter had been bitten by a mosquito, so Saba checks the grounds very closely. This time, the mosquitoes escape. But she'll remember this place, and check it again soon.

Back in the lab, Krueger is talking about her concerns. “This was the wettest winter since 2010,” Krueger said. “We're most concerned about the *Culex tarsalis* (mosquito), which carries West Nile and can fly 15 miles.” She wants Orange County residents to know what she knows. One way to track the disease is through dead birds. If you see a fresh, whole dead bird, Krueger wants you to call (714) 971-2421 ext. 117 to give a report.

Mosquitoes move the virus from birds to people. In 2016, Krueger and her team in the lab tested more than 500 birds.

At Vector Control, they also go after fire ants, flies and rats. But none pose the same risks as mosquitoes. The county has no programs to stop fleas, ticks or bees; there are no public agencies dedicated to eradicating spiders or snakes. The pursuit of mosquitoes takes up 70 percent of Vector Control's time. “It's a never-ending job,” Saba said.

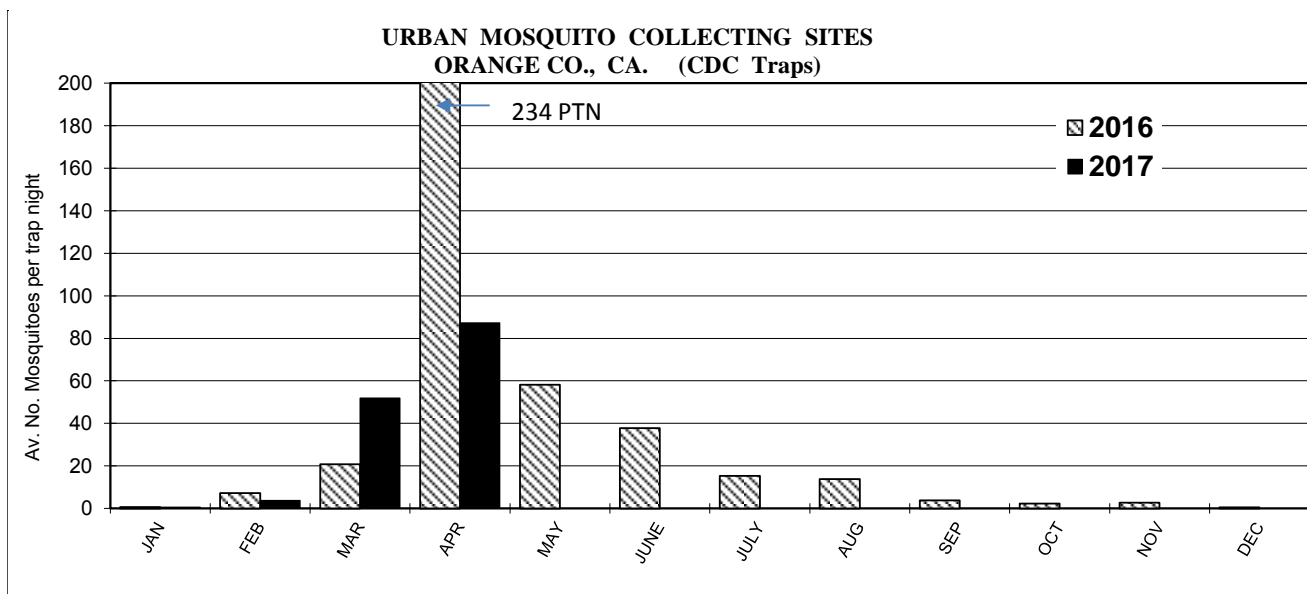
VECTOR ECOLOGY PROGRAM REPORT
April 1 to April 30, 2017

By
Robert F. Cummings, Director of Scientific Technical Services
Sokanary Sun, Laboratory Specialist
Kiet Nguyen, Assistant Vector Ecologist
Amber Semrow, Biologist
Laura Krueger, Vector Ecologist
Tim Morgan, Vector Ecologist

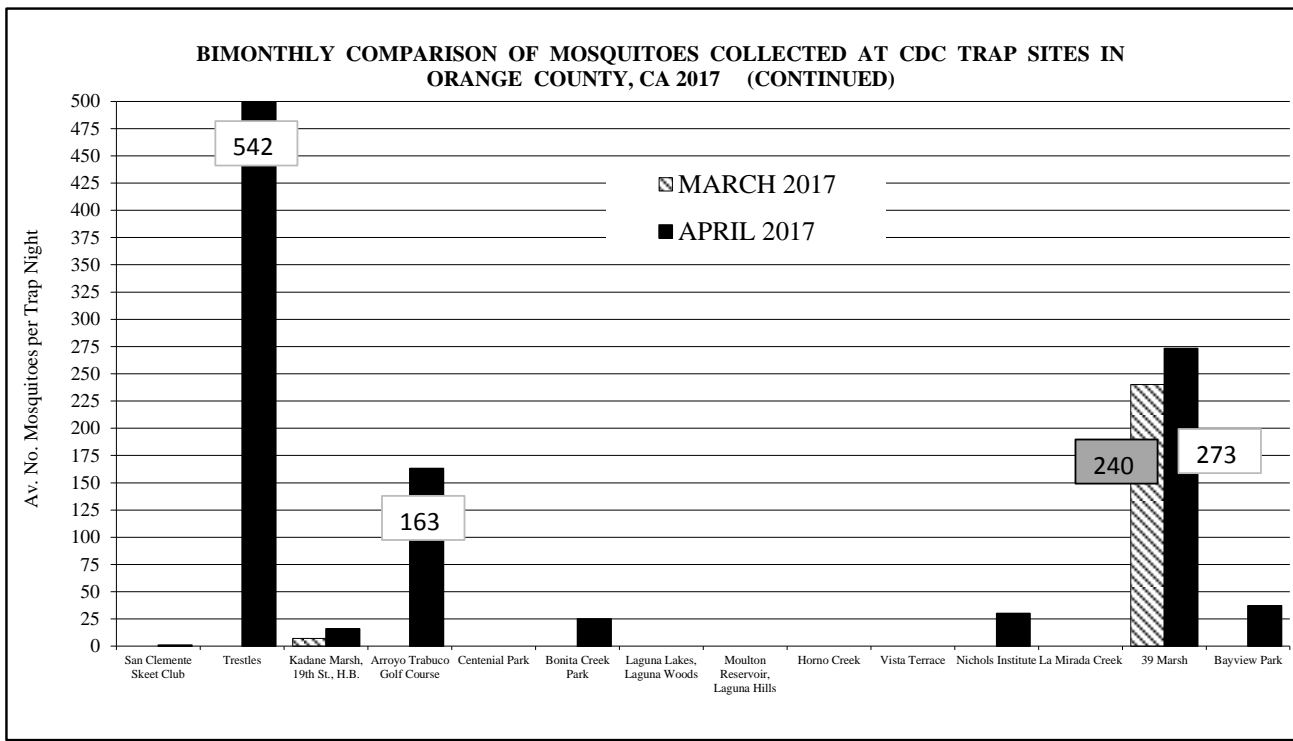
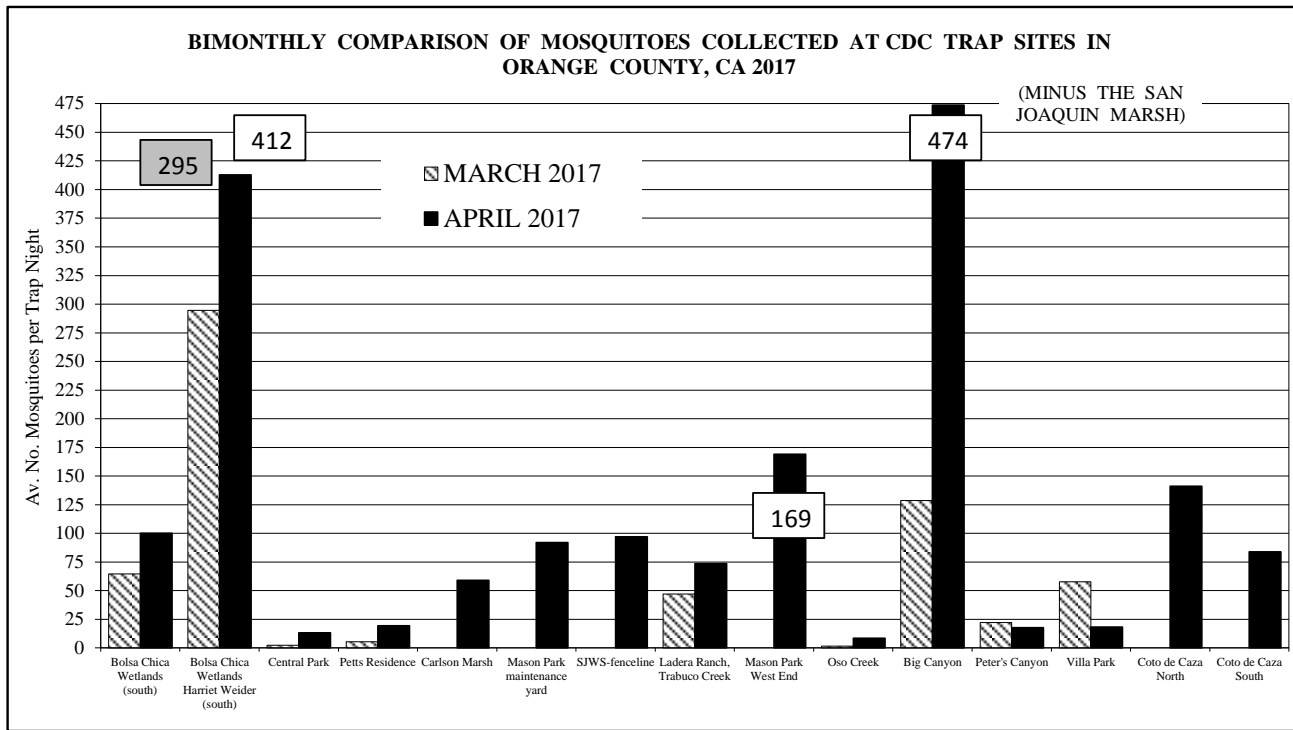
MOSQUITO TRAPPING
Mosquitoes/CDC/C0₂ Traps

During the month of April, CDC trap counts increased in the urban and wetlands areas, compared to the previous month, as a result of rising daily temperatures. Thirty-five (35) routine CDC traps were operated for a total of 85 trap-nights during the month of April. The proportion and amount of mosquitoes captured by species is as follows: the southern house mosquito, *Culex quinquefasciatus*, 15.2% (251 males, 1621 females); the encephalitis mosquito, *Culex tarsalis*, 14% (14 males, 1710 females); *Culex erythrothorax*, the Tule mosquito, 65.6% (19 males, 8029 females), and the Cool Weather mosquito, *Culiseta incidens*, was 3.1% (2 males, 378 females). The total number of mosquitoes collected from CDC traps, across all species, was 12276 (295 males and 11981 females). The average number of mosquitoes collected in CDC traps per trap night (ptn) for urban sites was 87.3. Traps placed in urban wetlands averaged 161.5 ptn (some significant sites are: **39 Marsh** (Huntington Beach), **Bolsa Chica Wetlands** (Huntington Beach), **Big Canyon** (Newport Beach), and **Trestles** (San Clemente)).

Bold lettering signifies primary producers.



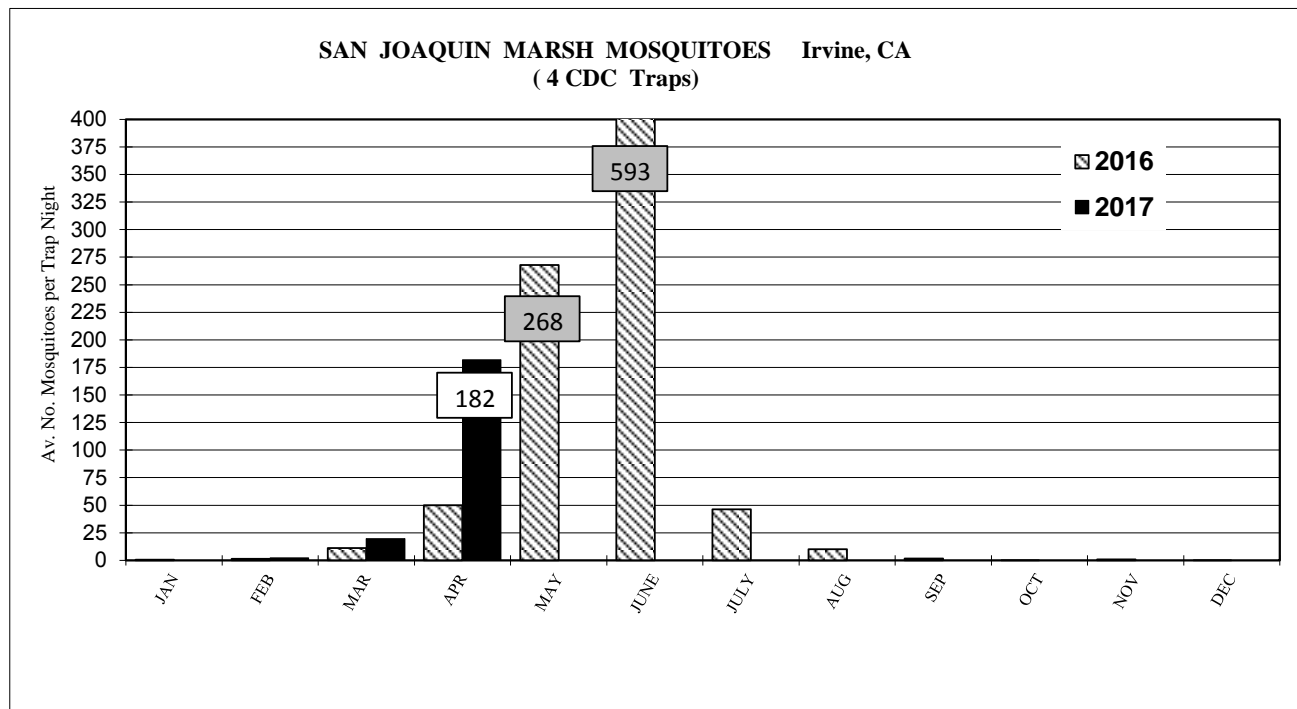
Mosquito Trapping (continued)



MOSQUITO SAMPLES TESTED FOR WEST NILE VIRUS

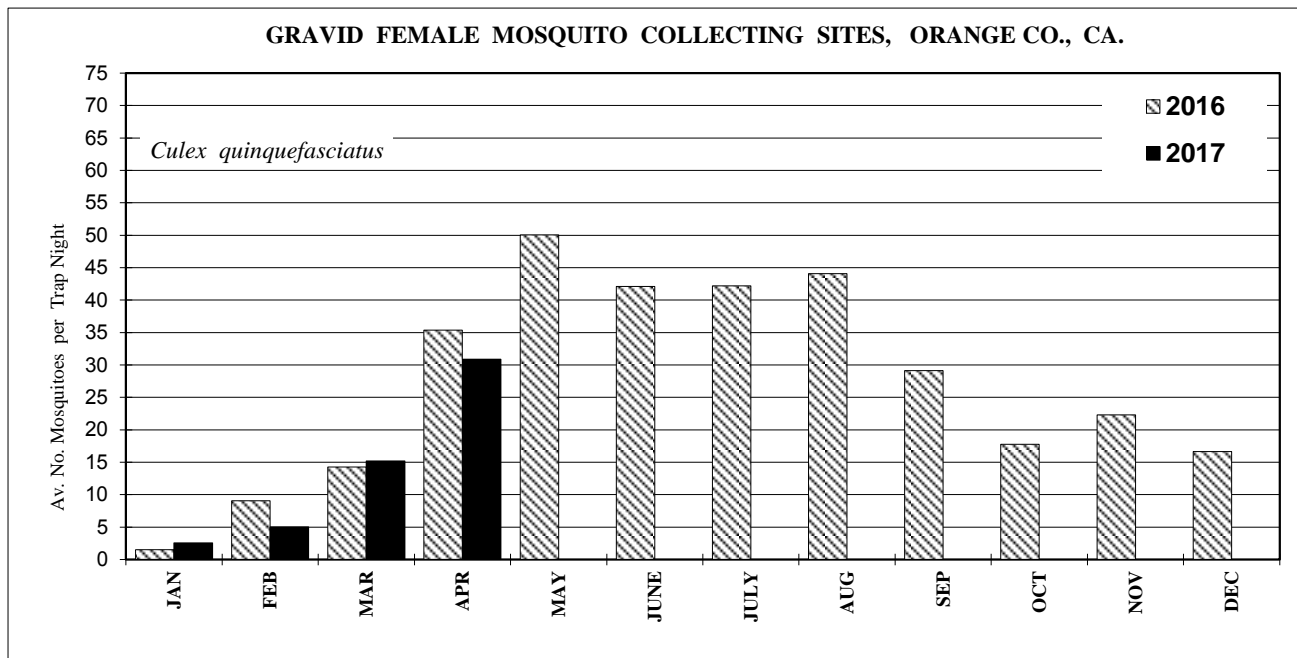
In total, 427 mosquito batches (pools) were collected by OCMVCD during April, 2017. The pools were collected from 27 cities. Of those tested (425), no samples were positive for West Nile (WN), Saint Louis encephalitis (SLE), or Western equine encephalomyelitis (WEE) viruses. Currently, the mosquito infection rate (MLE method) is zero (MLE = 0). (CDC & CDPH considers an epidemic threshold to be an infection rate greater than 5.0)

Mosquito Trapping (continued)

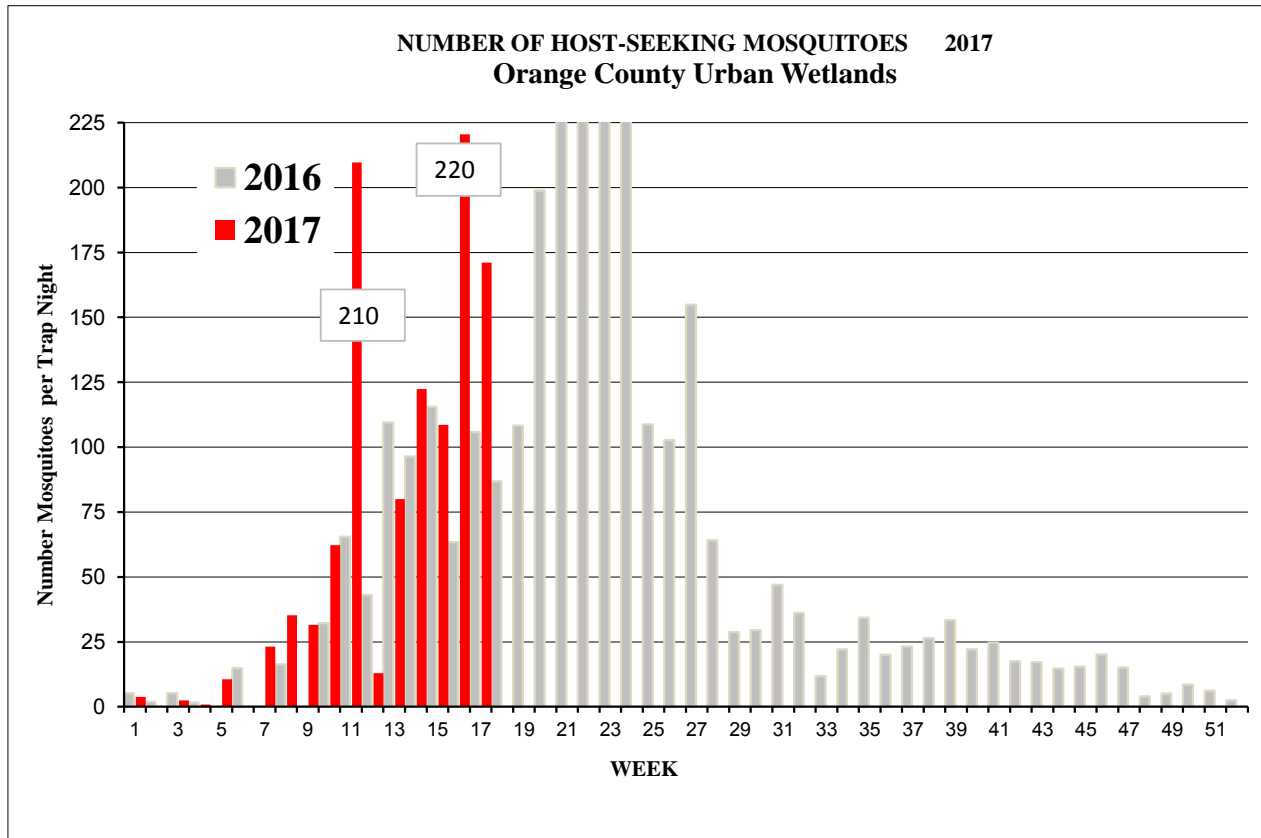
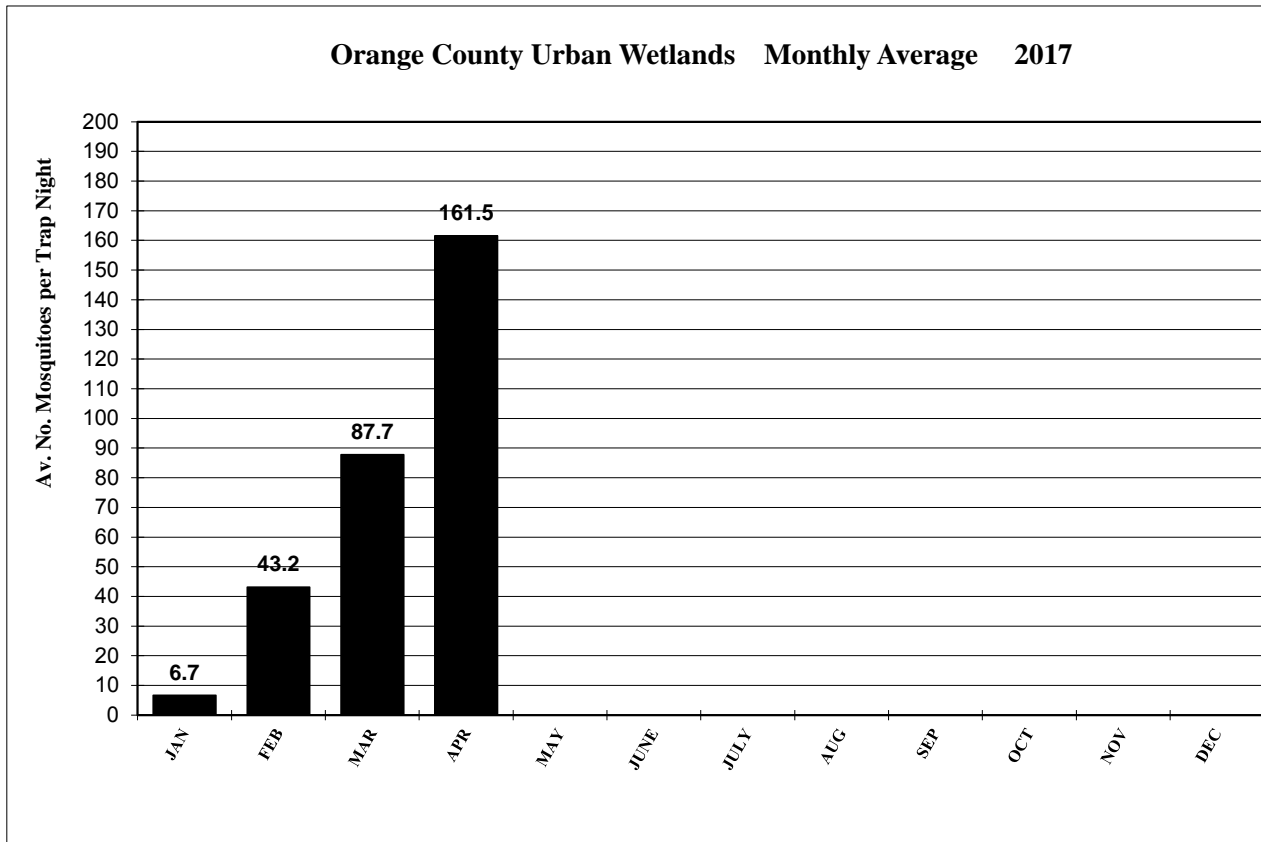


Mosquitoes/Gravid Traps

During April, 2017, the number of gravid female *Culex quinquefasciatus* averaged 30.9 ptn. These mosquitoes were collected weekly from 23 routine trap sites for a sum of 80 trap-nights, and a total of 237 males and 2470 females. Counts ranged from 2 to 95 mosquitoes ptn from all sites that were sampled. Highest counts ptn (in descending order) were from: 21st & Alona (Santa Ana), Anaheim Cemetery (Anaheim), Modjeska Park (Anaheim), and Craig Park (Fullerton). These sites have been previously positive for WNV since introduction of the virus to Orange County in 2004. The total number of mosquitoes collected for the month was 2936 (257 males and 2679 females) for all species.



Mosquito Trapping (continued)

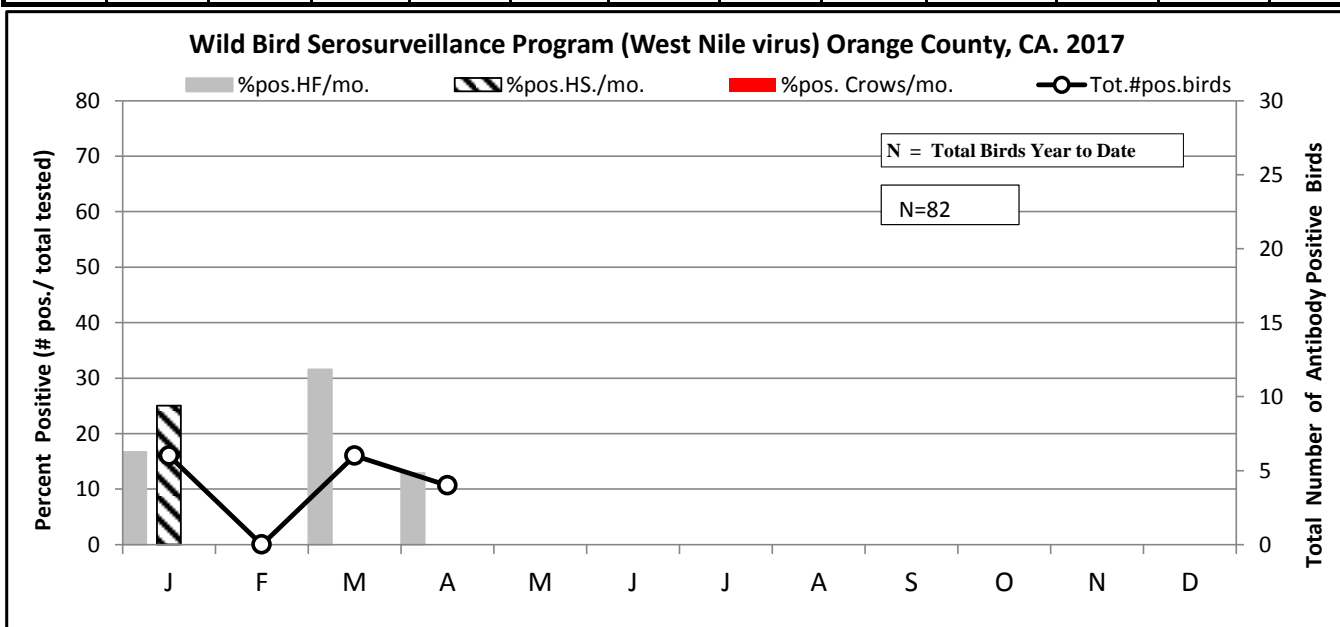


Wild Bird Surveillance (SLE/WEE/WNV) Program

The District received 35 reports of dead birds in April. Twenty-nine dead birds were collected, and of those, 25 were sampled and tested for WNV. Of those tested, no birds were found positive for WNV. So far this year, the laboratory has detected 1 WNV-positive dead bird (January). Last year at this time, the District detected no WNV positive dead birds. The dead bird program continues to test all dead birds submitted by the public and animal care facilities throughout the county.

During April, 31 live wild birds (all house finches) were collected and tested for WNV antibodies. Four house finches (12.9%) tested positive for WNV antibodies. No other species were collected in the month of April.

Month	1st time plus previously positive birds			Graph and table have been updated for WNV positives								
	Tot. birds tested	Tot.#pos.birds	%pos.for WNV	Tot.HF coll./mo.	Tot.HS coll./mo.	Tot. Crows coll/mo	#pos.HF/mo.	#pos.HS/mo.	#pos.Crows/mo	%pos.HF/mo.	%pos.HS/mo.	%pos.Crows/mo.
J	32	6	18.8	24	8	0	4	2	0	16.7	25.0	0
F	0	0	0.0	0	0	0	0	0	0	0.0	0.0	0
M	19	6	31.6	37	0	0	6	0	0	31.6	0.0	0
A	31	4	12.9	31	0	0	1	0	0	12.9	0.0	0
M												
J												
J												
A												
S												
O												
N												
D												
YTD	82	16	19.5	92	8	0	11	2	0	12.0	25.0	0.0



Wild Bird Surveillance (WNV) Program (cont'd)

CUMMULATIVE TOTAL NUMBER OF DEAD BIRDS TESTED AT OCMVCD AS OF APRIL 30, 2017									
Location	Apr	Apr POS	YTD	YTD POS	Location	Apr	Apr POS	YTD	YTD POS
Aliso Viejo					Los Alamitos			1	
Anaheim	4		13		Midway City				
Anaheim Hills					Mission Viejo			1	
Brea	1		1		Modjeska Canyon				
Buena Park					Newport Beach	1		1	
Cerritos					Orange	2		10	
Corona del Mar					Placentia	2		3	
Costa Mesa					Portola Hills				
Coto de Caza			1		Rancho Sta. Margarita			2	
Cypress	1		2		Rossmoor				
Dana Point					San Clemente	1		2	
Foothill Ranch					San Juan Capistrano			2	
Fountain Valley			2		Santa Ana			1	
Fullerton	1		1		San Juan Hot Springs				
Garden Grove	1		3		Seal Beach	2		2	
Huntington Beach	2		7		Silverado Canyon	2		2	
Irvine	3		14	1	Stanton				
La Habra	1		2		Trabuco Canyon				
La Palma					Tustin			1	
Ladera Ranch					Unincorp., O.C.				
Laguna Beach			1		Unincorp., Ortega Hwy.				
Laguna Hills			1		Villa Park				
Laguna Niguel					Westminster				
Laguna Woods					Yorba Linda	1		1	
Lake Forest			1		Other				
					TOTAL	25	0	78	1

Bird Species	Apr	Apr POS	YTD	YTD POS	Bird Species	Apr	Apr POS	YTD	YTD POS
American crow	4		20	1	Mourning Dove	6		8	
American kestrel					Northern mockingbird				
Barn Owl			3		Red-Shouldered hawk	1		2	
Common raven			1		Red-tailed hawk	2		5	
Cooper's hawk			6		Rock pigeon			2	
Great horned owl			1		Swainson's thrush				
House finch	2		3		Western bluebird	1		2	
House sparrow	2		4		Other*	6		18	
Lesser goldfinch	1		3						
					TOTAL	25	0	78	1

*Includes all other bird species that were not frequently collected (≤ 5 for the year)

West Nile Virus Program (cont'd)

So far, there have been no human WNV cases reported in Orange County. There was one WNV human case reported in California (Kings County) for the month of April.

CALIFORNIA ARBOVIRUS SURVEILLANCE TESTING SUMMARIES 2017								
Month of Apr				Year to Date				
	No. Tested	SLE Pos.	WEE Pos.	WNV Pos.	No. Tested	SLE Pos.	WEE Pos.	WNV Pos.
HUMANS		0	0	1		0	0	1
EQUINES	0	0	0	0	0	0	0	0
DEAD BIRDS	50	0	0	0	116	0	0	3
MOSQUITO POOLS (RT-PCR and RAMP tests)	2,494	0	0	0	3,983	0	0	0
CHICKENS								
California	240	0	0	0	304	0	0	0
Orange Co.	0	0	0	0	0	0	0	0

TICK-BORNE DISEASE SURVEILLANCE

The District collects ticks for tick-borne disease surveillance, such as Lyme disease and Pacific Coast tick fever. In April, ticks have been collected from 5 sites in the following cities [Garden Grove (1), Laguna Beach (1), Orange (2), and San Clemente (1)]. All collected ticks, year to date, have not yet been tested.

FLEA-BORNE TYPHUS SURVEILLANCE

There have been no flea-borne typhus cases reported to OCMVCD for investigation in 2017.

DISEASE SURVEILLANCE & EMERGENCY PLANNING

Emergency Risk Rating

The current WNV Risk Rating for Orange County has been risen slightly due to a recent dead bird infection detected in the neighboring county of San Diego. Mosquito abundance scored average; however, the County's average mosquito abundance is conducive to WNV transmission. The risk of WNV transmission for April was rated as "Normal", indicating a relatively low risk level for WNV transmission in the County (Risk Rating = 2.4) at this time.

WEATHER INFORMATION, April, 2017

Highest Max Temp (F°): 90

Lowest Min Temp (F°): 44

Average Temp (F°):

-High: 75.9

-Low: 50.3

-Overall: 63.1

Total Precipitation (inches): 0.00

Five Year Average (2012-2016) for the Month of April

Average Temp (F°):

-High: 74

-Low: 54

-Overall: 64

MOSQUITO FISH- *Gambusia affinis*

There were approximately 7,000 *Gambusia affinis* planted in multiple source types including ponds and pools during the month of April 2017.

The cumulative total of *Gambusia affinis* planted in various sources from January 1 to April 30, 2017 was approximately 25,000.

PROJECT EVALUATIONS

Two vector control evaluations were completed for submitted projects in April 2017.

1) Irvine Ranch Water District Professional Center Water Quality Management Plan in Irvine

2) New Horizon School in Irvine

CUMMULATIVE TOTAL NO. OF DETECTED INAVSIVE <i>AEDES</i> (adults and larvae) AT OCMVCD AS OF APRIL 30, 2017					
Location	Apr	YTD	Location	Apr	YTD
Aliso Viejo			Los Alamitos		
Anaheim	0	1	Midway City		
Anaheim Hills			Mission Viejo		
Brea			Modjeska Canyon		
Buena Park	0	2	Newport Beach		
Cerritos			Orange		
Corona del Mar			Placentia		
Costa Mesa			Portola Hills		
Coto de Caza			Rancho Sta. Margarita		
Cypress			Rossmoor		
Dana Point			San Clemente		
Foothill Ranch			San Juan Capistrano		
Fountain Valley			Santa Ana	0	3
Fullerton			San Juan Hot Springs		
Garden Grove			Seal Beach		
Huntington Beach			Silverado Canyon		
Irvine			Stanton		
La Habra	0	1	Trabuco Canyon		
La Palma			Tustin		
Ladera Ranch			Unincorp., O.C.		
Laguna Beach			Unincorp., Ortega Hwy.		
Laguna Hills			Villa Park		
Laguna Niguel			Westminster		
Laguna Woods			Yorba Linda		
Lake Forest			Other		
			TOTAL	0	7

***Aedes aegypti* and *Aedes albopictus* and Zika Virus Surveillance.**

The District conducted intensive adult and larval surveillance for *Aedes aegypti* and *Aedes albopictus* mosquitoes in response to last year's travel-acquired Zika virus cases, and is on-going in known infestation areas throughout the County. Year-to-date, the District has received two travel-acquired Zika virus cases from OC Health Care (March). Both cases are residents of La Habra and are under investigation. During 2016, OCMVCD investigated 31 travel-acquired Zika infections in Orange County.

Orange County Mosquito and Vector Control District West Nile Virus Risk Assessment, April 2017

Table 1. WNV Surveillance Factor	Assessment Value	Benchmark	Value	
1. Environmental Condition Favorable environmental conditions in Orange County for virus multiplication/transmission. Considers temperature for prior 1 or 2 week period.	1	Average daily temperature $\leq 56^{\circ}\text{F}$		
	2	Average daily temperature $57 - 65^{\circ}\text{F}$	2	
	3	Average daily temperature $66 - 72^{\circ}\text{F}$		
	4	Average daily temperature $73 - 79^{\circ}\text{F}$		
	5	Average daily temperature $> 79^{\circ}\text{F}$		

			<i>Cx quinq</i>	<i>Cx tarsalis</i>
2. Abundance of adult <i>Culex quinquefasciatus</i> or <i>Culex tarsalis</i> Area wide average of adult mosquitoes the last 5 years = mosquitoes/trap night by month.	1	Vector abundance very low ($\leq 50\%$)		
	2	Vector abundance below average (51 - 90%)		
	3	Vector abundance average (91 - 150%)	3	
	4	Vector abundance above average (151 - 300%)		
	5	Vector abundance well above average ($> 300\%$)		
3. Infection rate (MLE) in variable pool sizes of <i>Culex quinquefasciatus</i> and <i>Culex tarsalis</i> mosquitoes. Considers pooled data for prior 1 or 2 week period.	1	MLE = 0	1	
	2	MLE $\geq 0.001 - 1.0$		
	3	MLE = 1.1 - 2.0		
	4	MLE = 2.1 - 5.0		
	5	MLE > 5.0		
4. Dead Bird Infection Number of birds that have tested positive (recent infections only) for WNV during the prior 30 days.	1	No WNV positive dead birds in Southern California		
	2	One or more WNV positive dead birds in neighboring county	2	
	3	One WNV positive dead bird in Orange County		
	4	Multiple WNV positive dead birds in broad region of Orange County		
	5	Multiple clusters of WNV positive dead birds in specific regions of Orange County		
5. Seroprevalence of WNV in free-ranging birds WNV antibody-positive/total sampled biweekly.	2	$> 30\%$ seroprevalence		
	3	21 - 30% seroprevalence		
	4	11 - 20% seroprevalence	4	
	5	$< 10\%$ seroprevalence		
6. Human Infections Do not include this factor in calculations if no cases are detected in region	3	One or more human infections in neighboring county		
	4	One or more human infections in Orange County		
	5	Multiple human infections in specific region of Orange County		

		<i>Cx quinq</i>	<i>Cx tarsalis</i>
Response Level / Average Rating: Normal Season (1.0 to 2.5) Elevated Risk (2.6 to 4.0) High Risk (4.1 to 5.0)	TOTAL	12	
	AVERAGE	2.4	

H. PRESIDENT'S REPORT AND TRUSTEE COMMENTS

I. DISTRICT MANAGER'S REPORT – DISCUSSION AND POSSIBLE ACTION

J. DISTRICT LEGAL COUNSEL REPORT – DISCUSSION AND POSSIBLE ACTION

CLOSING

K. CORRESPONDENCE – DISCUSSION AND POSSIBLE ACTION NONE

L. FUTURE AGENDA ITEMS

M. ADJOURNMENT

- 1. ADJOURN TO THE NEXT REGULAR MEETING OF JUNE 15, 2017 STARTING AT 3:00 P.M. AT THE ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT OFFICES, 13001 GARDEN GROVE BLVD., GARDEN GROVE, CA 92843**

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

MEETING CALENDAR

MEETING

LOCATION

DATE

AMCA Washington Conference	Washington DC	May 15-17, 2017
CSDA Legislative Days	Sacramento, CA	May 15-17, 2017
Imported Fire Ant and Invasive Ant Conference	Mobile, Alabama	May 16-18, 2017