



Coachella Valley Mosquito
and
Vector Control District

43420 Trader Place
Indio, CA 92201
Phone (760) 342-8287
www.cvmvcd.org

Board of Trustees Meeting

Tuesday, June 11, 2019

6:00 p.m.

AGENDA

Assistance for those with disabilities: If you have a disability and need accommodation to participate in the meeting, please call the Clerk of the Board at (760) 342-8287 for assistance so the necessary arrangements can be made.

1. **Call to Order** – Doug Hassett, President
2. **Pledge of Allegiance**
3. **Roll Call**
4. **Motion to Excuse Absences**
5. **Confirmation of Agenda**

Public Comments

Those wishing to address the Board should complete a Public Comment Card and provide it to the Clerk of the Board.

Non-Agenda Items: Persons wishing to address the Board on subjects other than those scheduled are requested to do so at this time. When addressing the Board, please come to the podium and give your name and address for the record. In order to conduct a timely meeting, a three-minute time limit per person has been established. California Government Code Section 54950 prohibits the Board from taking action on a specific item until it appears on the agenda.

Agenda Items: Comments should be made when the agenda item is called. Each presentation is limited to no more than three minutes.

6. Public Comments

7. Recognition

- A. Approval of Resolution 2019-05 in recognition of Carlos Hernandez, for his 25 years of service to the District – **Doug Hassett, President (Pg. 5)**

8. Presentations

- A. General Manager's Report – **Jeremy Wittie, MS, General Manager**
- B. Integrated Vector Management Program Update – **Jennifer Henke, M.S., Laboratory Manager, Roberta Dieckmann, Field Supervisor, and Jill Oviatt, M.C.D.M., Public Information Manager.**
- C. IT Security and Strategy – **Edward Prendez, Information Technology Manager**

9. Board Reports

- A. President's Report – **President Hassett**
 - Executive Committee Oral Report and Minutes for May 31, 2019 **(Pg. 9)**
- B. Finance Committee Oral Report and Minutes – **Treasurer Weightman**
 - Budget Workshop Minutes for May 14, 2019 **(Pg. 11)**
 - Finance Committee Minutes for May 14, 2019 **(Pg. 12)**

10. Items of General Consent

The following items are routine in nature and may be approved by one blanket motion upon unanimous consent. Any member of the Board or the public may request an item be pulled from Items of General Consent for separate discussion.

- A. Minutes for May 14, 2019, Board Meeting **(Pg.15)**
- B. Correspondence **(Pg. 20)**
- C. Approval of expenditures for May 15, 2019 to June 11 **(Pg. 23)**
- D. Informational Items:
 - Financials **(Pg. 24)**
 - District Travel **(Pg. 32)**
 - Board Business Log **(Pg. 33)**
- E. Department Reports **(Pg.36)**
- F. Approval for purchase of additional mosquito control products for the fiscal year 2018-19, in an amount not to exceed \$24,000 from Fund 7800.01.500.028 – **Budgeted; Funds Available –Jeremy Wittie, MS, General Manager (Pg. 63)**

11. Old Business

- G. Approval to enter into an agreement with Onyx Paving in an amount not to exceed \$494,000 for completion of the District's Thermal facility asphalt paving and landscaping improvements from the Thermal Facility Remediation Fund **Budgeted; Funds Available – Jeremy Wittie, MS, General Manager (Pg. 65)**

12. New Business

- A. Discussion and/or approval of Resolution 2019-06 Adopting FY 2019-20 Budget – **David I’Anson, Administrative Finance Manager (Pg. 67)**
- B. Discussion and/or approval of Resolution 2019-07 intention to levy assessments for fiscal year 2019-20, preliminary approval of engineer's report, and providing for notice of hearing for the CVMVCD mosquito, fire ant, and disease surveillance and vector control assessment – **David I’Anson, Administrative Finance Manager (Pg. 79)**
- C. Discussion of the survey results regarding the Board of Trustees meeting time – **Jeremy Wittie, MS, General Manager (Pg. 85)**
- H. Discussion and/or approval of a suggested donation of \$5,000 to the American Mosquito Control Association Mosquito Research Foundation from fund 8510.01.600.000, Research Projects – **Jennifer A. Henke, M.S. Laboratory Manager and ad hoc Research Committee – Budgeted; Funds Available (Pg. 86)**

13. Trustee Comments, Requests for Future Agendas Items, Travel, and/ or Staff Actions

The Board may not legally take action on any item presented at this time other than to direct staff to investigate a complaint or place an item on a future agenda unless (1) by a majority vote, the Board determines that an emergency situation exists, as defined by Government Code Section 54956.5, or (2) by a two-thirds vote, the board determines that the need for action arose subsequent to the agenda being posted as required by Government Code Section 54954.2(a). Each presentation is limited to no more than three minutes.

14. Adjournment

At the discretion of the Board, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.
 All public records relating to an agenda item on this agenda are available for public inspection at the time the record is distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 43420 Trader Place, Indio, California.

Certification of Posting

I certify that on June 7, 2019, I posted a copy of the foregoing agenda near the regular meeting place of the Board of Trustees of the Coachella Valley Mosquito & Vector Control District and on the District’s website, said time being at least 72 hours in advance of the meeting of the Board of Trustees (Government Code Section 54954.2)
 Executed at Indio, California, on June 7, 2019.

Graciela Morales, Clerk of the Board

SECTION

7



RECOGNITION

	<p>Coachella Valley Mosquito and Vector Control District</p> <p>Staff Report</p>	<p>June 11, 2019</p>
<p>Agenda Item: Recognition</p> <p>Approval of Resolution 2019-05 in recognition of Carlos Hernandez for his 25 years of service to the District – Doug Hassett, Board President</p>		
<p>Background:</p> <p>Carlos Hernandez began his employment at the District on May 30, 1994, as a Utility Worker. He has since been promoted to Jr. Mosquito Technician in 1997 and to Vector Control Technician II on December 6, 2001. Carlos has demonstrated an extraordinary commitment and dedication to the District and the citizens of the Coachella Valley.</p>		
<p>Staff Recommendation:</p> <p>Staff recommends approval of Resolution 2019-05 in recognition of Carlos Hernandez for his 25 years of service to the District.</p>		
<p>Attachment: Resolution 2019-05.</p>		

RESOLUTION NO. 2019-05

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
COACHELLA VALLEY MOSQUITO AND VECTOR
CONTROL DISTRICT IN RECOGNITION OF CARLOS
HERNANDEZ'S TWENTY-FIVE (25) YEARS OF SERVICE
TO THE DISTRICT**

WHEREAS, the Coachella Valley Mosquito and Vector Control District ("District") was established in 1928 as an independent special district by the Riverside County Board of Supervisors with the mission of reducing the risk of disease transmission by mosquitoes and other vectors and the protection of residents and visitors of the Coachella Valley; and

WHEREAS, Carlos Hernandez was hired as a Utility Worker on May 30, 1994, promoted to Jr. Mosquito Technician in 1997, and promoted again to Vector Control Technician II on December 6, 2001; and

WHEREAS, Carlos Hernandez has consistently demonstrated ability, enthusiasm, and dedication to the District; and

WHEREAS, Carlos Hernandez's work and dedication to eye gnat control, mosquito surveillance and control, rodent control, and Red Imported Fire Ant control has contributed to protecting the public health of the Coachella Valley; and

WHEREAS, Carlos Hernandez has served the District with continuous, faithful, and loyal service for twenty-five (25) years.

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

Section 1. Recitals.

The recitals set forth above are true and correct.

Section 2. Recognition of Service.

That Carlos Hernandez is hereby recognized upon his twenty-five (25) year anniversary for his outstanding contributions and dedication to the District and the citizens of the Coachella Valley.

Section 3. Effective Date.

This Resolution shall take effect upon its adoption.

Section 4. Certification.

The Clerk of the Board shall certify as to the adoption of this Resolution and shall cause the same to be processed in the manner required by law.

PASSED, ADOPTED AND APPROVED, this 11th day of June, 2019.

**Doug Hassett, President
Board of Trustees**

ATTEST:

Graciela Morales, Clerk of the Board

APPROVED AS TO FORM:

Lena D. Wade, General Counsel

REVIEWED:

Jeremy Wittie, MS, General Manager

SECTION

9



BOARD REPORTS

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Executive Committee Meeting Minutes

TIME: 9:00 a.m. Friday, May 31, 2019

LOCATION: 43420 Trader Place, Indio, CA 92201

TRUSTEES PRESENT:

La Quinta	Doug Hassett	Indian Wells	Clive Weightman
Palm Desert	Doug Walker	County at Large	Doug Kunz

OTHERS PRESENT:

Jeremy Wittie, General Manager
Grace Morales, Clerk of the Board
Brad Anderson (member of the public)

- 1. Call to Order:** *President Hassett called the meeting to order at 9:02 A.M.*
- 2. Roll Call:** *Roll call indicated four (4) committee members out of four (4) were present.*
- 3. Confirmation of Agenda:** *The Agenda was confirmed as presented.*
- 4. Public Comments:** *Mr. Brad Anderson commented he received a cease and desist letter from the District. He expressed he sees inefficiencies with work, and also commented on safety and interactions with staff when attending public meetings.*
- 5. Review of June 2019 Draft Agenda:** *The draft June Board meeting agenda was reviewed by the Committee. Changes to the agenda included, eliminating Item 12 D-amendment of the purchasing policy and adding it to the Finance Committee agenda, adding a presentation for IT security and strategy, assigning the recognition item to the President of the Board, adding Clive Weightman as co-author of Item 12A – resolution adopting FY 2019-20 Budget, and adding the AMCA MRF donation item to New Business.*
- 6. Review Highlights of FY2019-20 Budget:** *The Committee discussed several highlights of FY 2019-20 proposed budget, including: the payment of approximately \$600,000 to the CALPERS outstanding liability, the addition of one position in the*

Accounting Department, the proposed increase to the benefit assessment, and capital reserve funds set at appropriate levels.

7. Trustee/Staff Comments: *General Manager, Jeremy Wittie, MS, mentioned Operations Manager, Dr. Wekesa's last day of employment with the District is today. Jeremy also gave an update of the current West Nile Virus activity and work being done. Treasurer Clive Weightman mentioned the presentation at Indian Wells City Council was postponed to July, 2019. Trustee Kunz asked if the potential expense to repair the District's road and sidewalk should be reflected in the Budget. A discussion ensued. Mr. Weightman stated there are available capital funds to cover such expenditure.*

8. Confirmation of Next Meeting Date: *The next Executive Committee Meeting was scheduled for Monday, June 24, 2019, at 9:00 a.m.*

9. Adjournment: *The meeting was adjourned by President Hassett at 9:43 a.m.*

DRAFT

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Budget Workshop Minutes

CALLED TO ORDER: 4:30 P.M. MAY 14, 2019

LOCATION: 43420 Trader Place, Indio, CA 92201

TRUSTEES PRESENT:

Cathedral City	Sergio Espericueta	Palm Springs	Dr. Doug Kunz
Indian Wells	Clive Weightman	Rancho Mirage	Isaiah Hagerman
La Quinta	Doug Hassett		
Palm Desert	Doug Walker		

TRUSTEES ABSENT:

Coachella	Philip Bautista	Desert Hot Springs	Gary Gardner
County at Large	Bito Larson	Indio	Ben Guitron
County at Large	Franz De Klotz		

OTHERS PRESENT:

Jeremy Wittie, General Manager
David l'Anson, Administrative Finance Manager
Edward Prendez, IT Manager
Jennifer Henke, Laboratory Manager
Jill Oviatt, Public Information Manager
Grace Morales, Executive Assistant/Clerk of the Board

- 1. Call to Order:** *Treasurer Weightman called the meeting to order at 4:37 p.m.*
- 2. Roll Call:** *Roll call indicated four (6) Trustees out of eleven (11) were present.*
- 3. Public Comment:** *None.*
- 4. Overview/Discussion of Preliminary FY 2019/20 Budget:** *Treasurer Weightman provided an introduction of the draft budget. A discussion ensued. Administrative Finance Manager, David l'Anson, presented a budget summary. Key areas covered were: Major Assumptions, Payroll, Capital Reserves Forecast, Operating and Capital Budgets, Revenue, CalPERS Unfunded Liability Options and Healthcare Liability. The workshop was an interactive presentation with questions, answers, and opinions shared among attendees.*
- 5. Trustee Comments:** *None.*
- 6. Adjournment:** *The meeting was adjourned by Treasurer Weightman at 5:37 p.m.*

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Finance Committee Meeting Minutes

TIME: 3:30 P.M. MAY 14, 2019

LOCATION: 43420 Trader Place, Indio, CA 92201

TRUSTEES PRESENT:

Indian Wells Clive Weightman
La Quinta Doug Hassett (alternate member)

TRUSTEES ABSENT: County at Large, Bito Larson; Rancho Mirage, Isaiah Hagerman

STAFF PRESENT:

Jeremy Wittie, General Manager
David l'Anson, Administrative Finance Manager
Grace Morales, Clerk of the Board
Brad Anderson (member of the public)

1. Call to Order: *Treasurer Weightman called the meeting to order at 3:32 p.m.*

2. Roll Call: *Roll call indicated two (1) committee member out of three (3) were present. President Doug Hassett served as an alternate member of this Committee.*

3. Confirmation of Agenda: *The Agenda was confirmed as presented.*

4. Public Comments: *Mr. Anderson commented he has communicated with Public Outreach Department staff regarding the pesticide applications taking place in the east Valley. He also suggested the District should hire an outside agency help recruit for the Finance Department position.*

5. Items of General Consent:

Approval of Minutes from May 1, 2019, Finance Committee Meeting: *On motion from Treasurer Weightman, seconded by President Hassett the Committee approved item 5.*

Ayes: Treasurer Weightman and President Hassett.

Noes: None.

Abstained: None.

Absent: Trustee Larson and Trustee Hagerman.

6. Discussion and/or Review:

- A. Review of Check Report from Abila MIP for the period of April 10, 2019 to May 9, 2019.
The Committee reviewed the check report and asked questions regarding a few checks and expenses. Administrative Finance Manager, David l'Anson provided information.
- B. CalCard Charges April 2019
The Calcard transaction log was reviewed by the Committee and questions regarding a few charges were clarified by Administrative Finance Manager, David l'Anson.
- C. Review of April 2019 Financials and Treasurer's Report
The District's Financials and Treasurer's Report were reviewed. The weighted yield of the District's investments was discussed. Treasurer Weightman indicated he would like to see a meeting take place between the Indian Wells Finance Director, Kevin McCarthy and David l'Anson prior to August, 2019.

7. Old Business: a) Draft FY2019-20 Budget

CalPERS Unfunded Liability scenarios were reviewed by the Committee. The Committee mentioned they would like to recommend option #2; paying a \$600,000 lump sum payment from the FY2018-19 Operating Budget surplus plus \$155,000, and amortizing the balance of over five years. This would net a savings of approximately \$800,340 in interest payments.

Other items discussed included: Cafeteria Plan YTD budget variance amount, the Utilities, Uniform Expense, Aerial Applications, Contingency Expense line items, the Capital Project in Thermal (paving) project duration and cost, the lab exhaust project and cost, the District headquarters paving project, total cash balances and the General Fund Operational Cash Flow chart.

8. New Business: None.

9. Confirmation of Next Meeting: *The next Finance Committee meeting was scheduled for Tuesday, June 11, 2019 at (tentatively) 4:00 p.m. This meeting will be combined with the Budget Workshop.*

10. Trustee and/or Staff Comments/Future Agenda Items: None.

11. Adjournment: *The meeting was adjourned by Treasurer Weightman at 4:10 p.m.*

SECTION

10



ITEMS OF GENERAL CONSENT

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

**Board of Trustees Meeting
Minutes**

CALLED TO ORDER: 6:00 P.M. MAY 14, 2019

LOCATION: 43420 Trader Place, Indio, CA 92201

TRUSTEES PRESENT:

PRESIDENT: Doug Hassett La Quinta
SECRETARY: Doug Walker Palm Desert
TREASURER: Clive Weightman Indian Wells

Cathedral City Sergio Espericueta Palm Springs Dr. Doug Kunz
Coachella Philip Bautista Rancho Mirage Isaiah Hagerman
Desert Hot Springs Gary Gardner

TRUSTEES ABSENT:

VICE PRESIDENT: Franz De Klotz County at Large
County at Large Bito Larson
Indio Ben Guitron

STAFF AND COUNSEL PRESENT:

Jeremy Wittie, General Manager
Lena Wade, Legal Counsel, SBEMP
David l'Anson, Administrative Finance Manager
Edward Prendez, Information Technology Manager
Jennifer Henke, Laboratory Manager
Jill Oviatt, Public Information Manager
Kim Hung, Vector Ecologist
Mike Martinez, Field Supervisor
Roberta Dieckmann, Field Supervisor
Wakoli Wekesa, Operations Manager
Grace Morales, Clerk of the Board

- 1. Call to Order:** President Hassett called the meeting to order at 6:06 p.m.
- 2. Pledge of Allegiance:** Trustee Hagerman led the Pledge of Allegiance.
- 3. Roll Call:** Roll call indicated eight (8) Trustees out of eleven (11) were present.

4. Motion to Excuse Absences

On motion from Trustee Hagerman seconded by Trustee Gardner, and passed by unanimous vote, the Board of Trustees excused the absence of Trustees De Klotz, Guitron, and Larson.

Ayes: President Hassett, Trustees Bautista, Espericueta, Gardner, Hagerman, Kunz, Walker, and Weightman.

Noes: None.

Abstained: None.

Absent: Trustees De Klotz, Guitron, and Larson

5. Confirmation of Agenda

On motion from Trustee Gardner, seconded by Trustee Hagerman and passed by unanimous vote, the Board of Trustees approved the Agenda as presented.

Ayes: President Hassett, Trustees Bautista, Espericueta, Gardner, Hagerman, Kunz, Walker, and Weightman.

Noes: None.

Abstained: None.

Absent: Trustees De Klotz, Guitron, and Larson

6. Public Comments: *Mr. Brad Anderson expressed his disagreement with the way the District conveys the treatments in the East Valley. He also stated there were inconsistencies between the signs posted at the areas to be treated and our website.*

7. Presentations:

A. General Manager's Report – Jeremy Wittie, MS., updated Trustees and meeting attendees regarding the Thermal Paving Project status, Ad hoc Property Committee and summary of their meeting, the District's recently formed ad hoc Research Committee and the AMCA Research Fund.

B. IVM Program Update – Jennifer Henke, M.S., Laboratory Manager gave a presentation that focused on State and District virus activity and the District's mosquito population. Wakoli Wekesa, PhD., Operations Manager, presented information on mosquito control work in rural and urban areas. Jill Oviatt, M.C.D.M., Public Information Manager provided an update in regards to outreach activities taking place in the East Valley pre and post-West Nile virus detection.

8. Board Reports

A. President's Report: *President Hassett shared the ad hoc Research Committee had been formed for the 2019-2020 cycle and they are: Vice President Franz de Klotz, Secretary Doug Walker, and Dr. Doug Kunz. President Hassett will serve as an alternate member.*

B. Finance Committee: *Treasurer Weightman reported that the Finance Committee met prior to the Board Meeting and that they had reviewed the check register and CalCard charges and had no concerns to report. The District's revenue is as forecasted and delayed, the expense side is favorable, and the District has a surplus of approximately \$600,000 which is being considered to pay a lump sum payment towards the District's CALPERS unfunded liability.*

9. Items of General Consent

The following items are routine in nature and may be approved by one blanket motion upon unanimous consent. Any member of the Board or the public may request an item be pulled from Items of General Consent for separate discussion.

A. Minutes for March 12, 2019, Board Meeting

B. Correspondence

C. Approval of expenditures for March 13 to March 31 and April 1 to May 14, 2019

D. Informational items:

- District Travel
- Board Business Status Log

Staff reports from:

- Pacific Branch Entomological Society of America Meeting March 31 to April 3, 2019, in San Diego, CA
- MVCAC Spring Meeting and Legislative Day, April 2-3, 2019, in Sacramento, CA

E. Approval for the annual renewal of Abila, MIP Fund Accounting, maintenance and support in an amount not to exceed \$12,600 from Maintenance Contracts Fund #7675.01.210.000 – Budgeted; Funds Available – Edward Prendez, Information Technology Manager

F. Approval to purchase (1) one 2019 ARGO Frontier amphibious tract vehicle from ARGO Adventure in an amount not to exceed \$25,000 from Capital Replacement Fund #8415.13.300.000 – Budgeted; Funds Available – Edward Prendez, Information Technology Manager

G. Approval to enter into an agreement with Cintas through a US Communities Purchasing Alliance contract for uniform service in an amount not to exceed \$30,500 per year, from Fund #7000.01.000.000, Uniform Expense – Budgeted; Funds Available – Jeremy Wittie, M.S., General Manager

H. Approval to remove, replace and install three vortex exhaust fan VFDs and contract with NSWC, Johnson Controls, and Zaretsky to complete the Laboratory's exhaust fan replacement

project in an amount not to exceed \$20,000 from Facility Replacement Fund – Reserves, Funds Available – David l’Anson, Administrative Finance Manager

On motion from Trustee Hagerman, seconded by Trustee Gardner and passed by unanimous vote, the Board of Trustees approved the items of General Consent.

Ayes: President Hassett, Trustees Bautista, Espericueta, Gardner, Hagerman, Kunz, Walker, and Weightman.

Noes: None.

Abstained: None.

Absent: Trustees De Klotz, Guitron, and Larson

10. Old Business

A. Approval of Resolution 2019-04 Adoption of the 2019 CVMVCD Mosquito-borne Virus Surveillance and Emergency Response Plan – Jennifer A. Henke, M.S., Laboratory Manager

On motion from Trustee Walker, seconded by Trustee Kunz and passed by unanimous vote, the Board of Trustees approved item 10.

Ayes: President Hassett, Trustees Bautista, Espericueta, Gardner, Hagerman, Kunz, Walker, and Weightman.

Noes: None.

Abstained: None.

Absent: Trustees De Klotz, Guitron, and Larson

11. New Business

A. Approval to contract with Onyx, the lowest responsible bidder, for asphalt repair services of the District headquarters in an amount not to exceed \$111,000 from facility replacement fund – Budgeted at \$23,000; Funds Available – David l’Anson, Information Administrative Finance Manager

On motion from Trustee Hagerman, seconded by Trustee Gardner and passed by unanimous vote, the Board of Trustees approved item 11.

Ayes: President Hassett, Trustees Bautista, Espericueta, Gardner, Hagerman, Kunz, Walker, and Weightman.

Noes: None.

Abstained: None.

Absent: Trustees De Klotz, Guitron, and Larson

12. Closed Session Public Comments

Mr. Brad Anderson commented about his past employment matter and his disagreement with the way he was treated.

13. Closed Sessions:

A. Public Employee Discipline/Dismissal/Release Government Code §54957: Two matters.

B. Significant exposure to litigation pursuant to Government Code §54956.9 (b): One matter.

14. Closed Session Report

Upon return to open session, Lena D. Wade, General Counsel, stated there was no reportable action from the closed session items.

15. Trustee Comments, Requests for Future Agendas Items, Travel, and/ or Staff Actions

Trustee Bautista asked if Cities have a flyer that can be used when homeowners call with questions or concerns on mosquitoes and the viruses they can transmit. A discussion ensued. It was decided to follow-up with Public Information Manager, Jill Oviatt.

Trustee Hagerman expressed the desire to consider a change to the Board of Trustees meeting time. Trustee Gardner agreed. Trustee Walker reminded everyone that Memorial Day weekend is coming up and he invites all to the areas around the Valley where the wild flowers are blooming.

16. Adjournment

The meeting was adjourned by President Hassett at 8:00 p.m.

Doug Hassett
President

Franz De Klotz
Vice President

From: James Young
Sent: Thursday, May 09, 2019 2:00 PM
To: DistrictWideGroup
Subject: Trinidad Haro

Mary Ann A. who lives in Palm Desert called to say that she was very impressed with **Trinidad Haro** locating the mosquito source on their property yesterday (5/8) and also removing the water from the low spot at a culvert. Trinidad also told her to call Public Works and have them fill in the low spot which they did today. She could not say enough good things about Trinidad.

James

From: Jill Oviatt
Sent: Thursday, May 16, 2019 3:53 PM
To: DistrictWideGroup
Subject: Congratulations Erica Frost on a great Yelp review!

Hi Team.

Tammy discovered today that the District recently got a 5 star ***** review on Yelp. Kudos goes to **Erica Frost** who was the subject of the review for helping out a resident who called complaining about mosquitoes and ant bites. She described Erica as “the nicest most helpful person I have had contact with in a while.”

Way to go Erica! Way to represent.

Jill



Rhianna B.
Palm Springs, CA
0 friends
10 reviews
8 photos

★★★★★ 4/30/2019
I had to leave a review, because I called due to getting bit up by mosquitos and little ants (not fun). I spoke with Erica who was the nicest most helpful person I have had contact with in a while. Not something I would expect from a business that provides a free service.

From: Diane Greeman
Sent: Friday, May 17, 2019 9:35 AM
To: DistrictWideGroup
Subject: Compliment

Phil G. from Palm Springs called to let us know what a superior asset **Marisa Kelling** is to the District. She was very knowledgeable, kind, respectful, and he said, "You can tell she enjoys her job". This gentleman could not say enough good things about you. Great job Marissa!

Diane

From: Diane Greeman
Sent: Thursday, May 23, 2019 10:23 AM
To: DistrictWideGroup
Subject: Compliment

Pam B. from Indio called to report how impressed she was with our "outstanding" technician – **Rene Delgado** - She said she was fortunate to have met such an "intelligent, knowledgeable" person that actually found mosquitos at her home, and could not say enough great things about him.

Way to go Rene – good work and great recognition.

Diane

From: Jill Oviatt
Sent: Monday, June 3, 2019 9:36 AM
To: DistrictWideGroup
Subject: Thank you Miguel for your excellent work and representing the District so professionally!

Hi Team.

We got the nicest email from a gentleman in La Quinta in the Puerta Azul community. He described his gratitude for the whole District team, but singled out **Miguel Vargas** individually for his professionalism and dedication. Here is a snippet from the email:

"Thank you for the work you and your staff provide to help with vector control in our area. I have resided in La Quinta for the past 10 years and I have been encouraged by the professionalism and consistent treatment of the catch basins in our community of Puerta Azul. Also, the press releases have been a great help to inform us of the status of vectors such as the mosquitos and

red ants. Miguel Vargas, Technician I, has been diligent in servicing our community at Puerta Azul 57-325 Paseo Del Lago, La Quinta, CA 92253.”

When we are all working extra hard to protect the residents of the Coachella Valley from West Nile virus, it is encouraging to know that our dedications and hard work is appreciated. Happy Monday everyone!

Jill

From: Roberta Dieckmann
Sent: Monday, June 3, 2019 1:15 PM
To: DistrictWideGroup
Subject: Compliment Marisa

Hi,

We received this information today from Cherie W. of Palm Springs.

“Our experience with **Marisa** was 5 star. She was thorough, competent, informative and very professional. She located our problem and took care of it efficiently. So glad that Marisa was sent to answer our call.”

Thank-you Marisa for your continued dedication and hard work at the District!

Bobbye

Coachella Valley Mosquito and Vector Control District

Checks Issued for the Period of:

May 15 - June 6, 2019

Check No	Payable To	Description	Check Amount	Total Amount
	Payroll Disbursement	May 17, 2019	187,956.56	
	Payroll Disbursement	May 31, 2019	188,972.23	
				376,928.79
Pre-Approved Expenditures:				
42256	CalPERS-HEALTHCARE ACCT	Healthcare Premiums - June 2019	80,279.36	
42257	CalPERS-OPEB	OPEB Contributions Jul 2018 - June 2019	286,385.00	
42258	CalPERS-RETIREMENT ACCT	Retirement Contributions: 5/17, 5/31 2019 PP (Classic & PEPR Plan)	51,904.33	
42259	ICMA Retirement Trust	Deferred Compensation Contributions: 5/17 & 5/31 2019PP	20,076.24	
42260	Principal Life Insurance Co.	Dental & Life Ins Premiums: June 2019	11,068.71	
42261	Standard Insurance Company	LTD Insurance Premiums: June 2019	3,153.11	
42262	Verizon Connect	Telematics Device Service Fees: March 2019	1,102.00	
42263	Vision Service Plan (CA)	Vision Insurance Premiums: June 2019	955.01	
				454,923.76
Cash - First Foundation Bank Checking				
Cash - First Foundation Bank Checking				
42264	Abila	Maintenance Contracts	5,267.00	
42265	Advance Imaging Systems	Contract Services	442.18	
42266	Airgas Safety Inc.	Operating Supplies	753.04	
42267	Cintas Corporation #3	Uniform Expense	1,771.98	
42268	CleanExcel	Contract Services	3,496.00	
42269	C&R Wellness Works	Employee Assistance Program	276.00	
42270	CSI Ceja Security Intl.	Contract Services	2,430.00	
42271	Desert Air Conditioning	Repair & Maintenance	196.00	
42272	Desert Fire Extinguisher Co., Inc.	Repair & Maintenance	1,602.44	
42273	Desert Sun Publishing Co	Public Outreach Advertising	798.01	
42274	Dudek & Associates	Professional Fees	2,000.00	
42275	Employee Relations Inc.	Recruitment/Advertising	45.65	
42276	Entravision Communications Corporation	Public Outreach Advertising	3,675.00	
42277	Environmental Systems Research Inst	Maintenance Contracts	17,400.00	
42278	Equipment Direct, Inc.	Safety Expense	540.28	
42279	Fedak & Brown, LLP	Auditing Services	475.00	
42280	Gulf California Broadcast Company	Public Outreach Advertising	7,795.00	
42281	Jennifer Henke	Professional Development	657.48	
42282	Hot Purple Energy	Repair & Maintenance	150.00	
42283	Jernigan's Sporting Goods, Inc.	Safety Expense	301.21	
42284	Johnson Controls, Inc.	Repair & Maintenance	2,616.16	
42285	MAAS Companies, Inc.	Professional Fees	2,805.00	
42286	MarketLab, Inc.	Internal Mosquito PCR	706.28	
42287	Graciela Morales	Tuition Reimbursement	633.91	
42288	NAPA Auto & Truck Parts	Specialty Vehicle Parts and Supplies	51.26	
42289	Norman A. Traub Associates	Attorney Fees	14,923.58	
42290	Norman's Nursery, Inc.	Repair & Maintenance	1,672.82	
42291	NSWC Mechanical Service	Repair & Maintenance	10,397.00	
42292	Oviatt, Jill	MVCAC Committee Assignments	276.62	
42293	Pitney Bowes Global Financial Svcs	Contract Service	305.43	
42294	Pitney Bowes Purchase Power	Postage	500.00	
42295	Praxair Distribution, Inc.	Equipment Parts & Supplies	47.65	
42296	Salton Sea Air Service	Aerial Application Rural	8,450.00	
42297	Slovak Baron Empey Murphey & Pinkney LLP	Attorney Fees	4,000.50	
42298	SoCo Group Inc., The	Motor Fuel & Oil	6,486.89	
42299	TCI Thermal Combustion Innovators, Inc.	Operating Supplies	406.02	
42300	Thermo Fisher Scientific LLC	Internal Mosquito PCR	618.55	
42301	Tops N Barricades, Inc.	Repair & Maintenance	1,023.77	
42302	UPS	Postage	623.21	
42303	Vector-Borne Disease Account	State Required CEU	286.00	
42304	Waterlogic Americas LLC	Employee Support	213.15	
42305	Waxie Sanitary Supply	Janitorial Supplies	549.35	
42306	U.S. Bank	Calcard	50,680.24	
42307	Winner Chevrolet	Capital Equipment Replacement	112,581.25	
				270,926.91
Cash - First Foundation Bank Check Run Total to be Approved				270,926.91
Total Expenditures: May 15 - June 6, 2019				1,102,779.46

Doug Hassett, President

Clive Weightman, Treasurer

Coachella Valley Mosquito and Vector Control District
FINANCES AT A GLANCE
ALL FUNDS COMBINED
For the Month Ended May 31, 2019

	Beginning of the Month	Change During the Month	End of the Month
INVESTMENTS	11,142,451	3,147,968	14,290,419
CASH	<u>(42,876)</u>	<u>242,516</u>	<u>199,640</u>
INVESTMENTS & CASH	11,099,575	3,390,484	14,490,059
CURRENT ASSETS	1,754,885	(29,151)	1,725,734
FIXED ASSETS	10,725,824	-	10,725,824
OTHER ASSETS	5,111,294	-	5,111,294
TOTAL ASSETS	<u><u>28,691,578</u></u>	<u><u>3,361,333</u></u>	<u><u>32,052,911</u></u>
TOTAL LIABILITIES	5,733,963	(154,716)	5,579,247
TOTAL DISTRICT EQUITY	22,954,436	3,519,227	26,473,664
TOTAL LIABILITIES & EQUITY	<u><u>28,688,400</u></u>	<u><u>3,364,511</u></u>	<u><u>32,052,911</u></u>
RECEIPTS		\$ 4,261,680	
CASH DISBURSEMENTS			
Payroll	\$ 560,771		
General Admin	\$ 310,425		
Total Cash Disbursements		\$ (871,196)	
NON-CASH ENTRIES:		\$ (29,151)	
Accrual Modifications - Changes in A/P, A/R & Pre-paid insurance		<u> </u>	
Change during Month - Excess of Cash over Receipts & Non-Cash Adjustments		<u><u>\$ 3,361,333</u></u>	

CVMVCD

Revenue Journal

From 5/1/2019 Through 5/31/2019

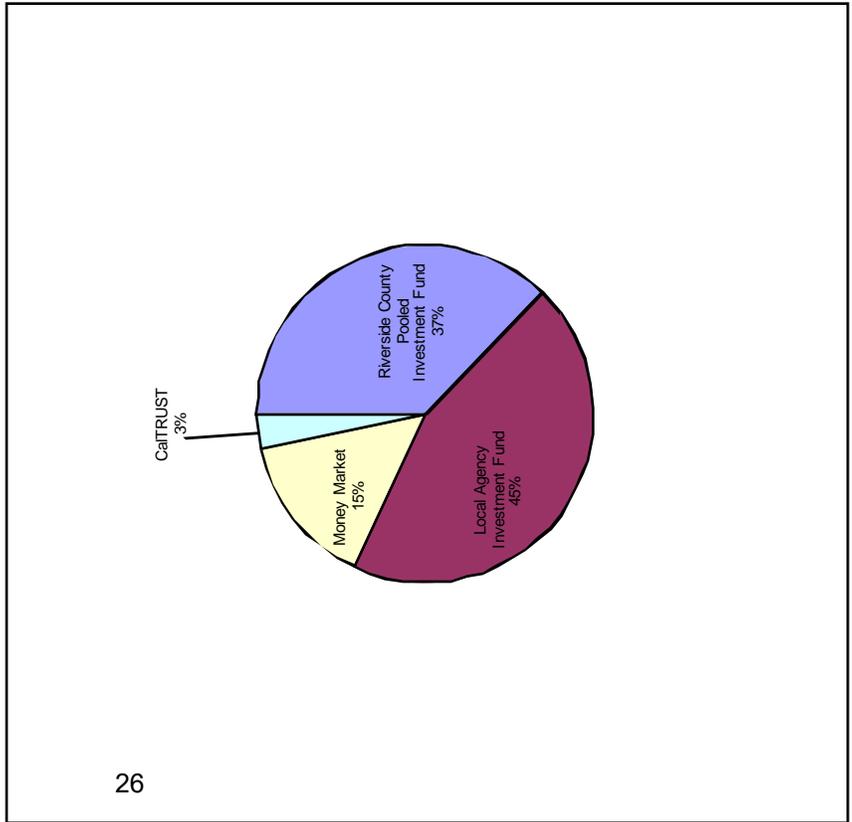
Object Code	Object Title	Name	Transaction Description	Effective ...	General Ledger Reven...
4000	Property Tax - Current Secured	Riverside County	May Receipts	5/31/2019	1,237,241.36
4010	Property Tax - Curr. Supplmntl	Riverside County	May Receipts	5/31/2019	10,878.04
4030	Homeowners Tax Relief	Riverside County	May Receipts	5/31/2019	14,006.25
4090	Redevelopment Pass-Thru	Riverside County	May Receipts - Pass Through Increment	5/31/2019	2,156,271.78
4520	Interest Income - LAIF/CDs	First Foundation Bank	May Receipts - Bank Interest	5/31/2019	121.60
4530	Other Miscellaneous Receipts		May Deposit - Refund	5/31/2019	1.73
4551	Benefit Assessment Income	Riverside County	May Receipts	5/31/2019	843,159.10
Report Total					4,261,679.86

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT
INVESTMENT FUND BALANCES AS OF MAY 31, 2019

INSTITUTION	IDENTIFICATION	Issue Date	Maturity Date	YIELD	General Fund	Thermal Capital Fund	Capital Equipment Replacement Fund	Capital Facility Replacement Fund	BALANCE
	Investment Fund Balance				10,306,455	484,712	1,724,922	1,774,331	\$ 14,290,419
LAIIF	Common Investments			2.45%	4,605,773	216,609	770,837	792,917	\$ 6,386,136
Riverside County	Funds 51105 & 51115			2.36%	3,845,364	180,847	643,573	662,007	\$ 5,331,791
CalTRUST	Medium Term Fund			2.33%	354,553	16,675	59,339	61,039	\$ 491,606
First Foundation	Market Rate			0.25%	1,500,764	70,581	251,173	258,367	\$ 2,080,885
	Total Investments				10,306,455	484,712	1,724,922	1,774,331	\$ 14,290,419

PORTFOLIO COMPOSITION AS OF MAY 31, 2019

WEIGHTED YIELD 2.09%



In compliance with the California Code Section 53646; the Finance Administrator of the Coachella Valley Mosquito and Vector Control District hereby certifies that sufficient liquidity and anticipated revenue are available to meet the District's budgeted expenditure requirements for the next six months.

Investments in the report meet the requirements of the Coachella Valley Mosquito and Vector Control District's adopted investment policy

Respectfully submitted

NOTED AND APPROVED

CVMVCD
Statement of Revenue and Expenditures
From 5/1/2019 Through 5/31/2019

	Budget -		YTD Budget		YTD Actual		YTD Budget		Current Period		Current Period		Total Budget	
	Original	YTD Budget	YTD Budget	YTD Actual	YTD Budget	YTD Actual	Variance	Budget	Budget	Actual	Variance	Remaining	Remaining	Original
Revenues														
4000	3,733,045	3,445,960	3,591,197	3,591,197	145,237	1,163,014	1,237,241	74,227	1,163,014	1,237,241	(7,517)	(141,848)	(141,848)	(4)%
4010	72,202	49,965	28,946	28,946	(21,019)	18,395	10,878	(7,517)	18,395	10,878	0	(43,256)	(43,256)	(60)%
4020	161,854	145,599	156,827	156,827	11,228	0	0	0	0	0	0	(5,027)	(5,027)	(3)%
4030	42,732	42,062	34,015	34,015	(8,047)	6,309	14,006	7,697	6,309	14,006	(1,522)	(8,717)	(8,717)	(20)%
4070	28,660	24,748	0	0	(24,748)	1,522	0	(1,522)	1,522	0	0	(28,660)	(28,660)	(100)%
4080	9,902	0	0	0	0	0	0	0	0	0	0	(9,902)	(9,902)	(100)%
4090	4,275,025	4,275,025	4,399,373	4,399,373	124,348	2,175,696	2,156,272	(19,424)	2,175,696	2,156,272	21	124,348	124,348	3%
4520	100,000	75,203	158,672	158,672	83,469	101	122	21	101	122	(5,250)	58,672	58,672	59%
4530	63,000	57,750	28,464	28,464	(29,288)	5,250	2	(5,250)	5,250	2	0	(34,536)	(34,536)	(55)%
4551	1,996,366	1,909,821	1,907,534	1,907,534	(2,287)	831,783	843,159	11,376	831,783	843,159	0	(88,832)	(88,832)	(4)%
Total Revenues	10,482,786	10,026,133	10,305,027	10,305,027	278,893	4,202,071	4,261,680	59,608	4,202,071	4,261,680	(177,759)	(177,759)	(177,759)	(2)%

Expenditures														
Payroll Expenses														
	Budget -		YTD Budget		YTD Actual		YTD Budget		Current Period		Current Period		Total Budget	
	Original	YTD Budget	YTD Budget	YTD Actual	YTD Budget	YTD Actual	Variance	Budget	Budget	Actual	Variance	Remaining	Remaining	Original
5101	4,686,031	4,295,533	4,142,410	4,142,410	153,123	390,503	354,533	35,970	390,503	354,533	6,889	543,621	543,621	12%
5102	208,460	185,296	169,415	169,415	15,881	23,162	16,273	6,889	23,162	16,273	0	39,045	39,045	19%
5103	6,900	6,900	6,900	6,900	0	0	0	0	0	0	0	0	0	0%
5105	41,700	38,225	10,340	10,340	27,885	3,475	2,187	1,288	3,475	2,187	1,288	31,360	31,360	75%
5150	566,460	530,306	469,021	469,021	61,285	36,158	32,322	3,836	36,158	32,322	3,836	97,439	97,439	17%
5155	302,827	277,596	269,139	269,139	8,457	25,236	23,769	1,467	25,236	23,769	1,467	33,688	33,688	11%
5165	70,821	64,922	64,267	64,267	655	5,902	5,559	343	5,902	5,559	343	6,554	6,554	9%
5170	1,031,051	945,131	979,705	979,705	(34,574)	85,921	4,838	81,083	85,921	4,838	81,083	51,346	51,346	5%
5172	342,420	313,885	77,663	77,663	236,222	28,535	0	28,535	28,535	0	28,535	264,757	264,757	77%
5180	101,030	92,609	72,188	72,188	20,421	8,419	7,079	1,340	8,419	7,079	1,340	28,842	28,842	29%
5195	36,405	33,374	34,045	34,045	(671)	3,034	1,206	1,828	3,034	1,206	1,828	2,360	2,360	6%
Total Payroll Expenses	7,394,105	6,783,777	6,295,094	6,295,094	488,683	610,345	447,766	162,579	610,345	447,766	162,579	1,099,011	1,099,011	15%

CVMVCD
Statement of Revenue and Expenditures
From 5/1/2019 Through 5/31/2019

	Budget -		YTD Budget		YTD Actual		YTD Budget		Current Period		Current		Percent	
	Original	YTD Budget	YTD Budget	YTD Actual	YTD Budget	Variance	Current Period	Budget	Period	Variance	Total Budget	Remaining -	Total Budget	Remaining -
Administrative Expenses														
5250 Tuition Reimbursement	15,000	13,750	11,295	11,295	2,455	1,250	2,287	(1,037)	3,705	25 %				
5300 Employee Incentive	6,000	5,500	5,007	5,007	493	500	0	500	993	17 %				
5301 Employee Support	4,000	3,666	2,698	2,698	968	334	387	(53)	1,302	33 %				
5302 Wellness	600	0	0	0	0	0	0	0	600	100 %				
5305 Employee Assistance Program	3,200	2,934	2,872	2,872	62	266	0	266	328	10 %				
6000 Property & Liability Insurance	79,895	68,238	103,998	103,998	(35,760)	11,658	11,203	455	(24,103)	(30) %				
6001 Workers' Compensation Insurance	85,730	67,758	104,904	104,904	(37,146)	17,978	17,948	30	(19,174)	(22) %				
6050 Dues & Memberships	25,480	25,069	25,085	25,085	(16)	407	0	407	396	2 %				
6060 Reproduction & Printing	21,750	19,943	5,023	5,023	14,920	1,813	136	1,677	16,727	77 %				
6065 Recruitment/Advertising	6,500	5,962	8,114	8,114	(2,152)	542	1,126	(584)	(1,614)	(25) %				
6070 Office Supplies	14,980	13,728	17,467	17,467	(3,739)	1,248	1,865	(617)	(1,869)	(12) %				
6075 Postage	8,500	7,788	3,344	3,344	4,444	708	833	(125)	5,156	61 %				
6080 Computer & Network Systems	5,000	4,587	4,749	4,749	(162)	417	622	(205)	251	5 %				
6085 Bank Service Charges	200	187	43	43	144	17	0	17	157	78 %				
6090 Local Agency Formation Comm.	1,200	1,200	1,129	1,129	71	0	0	0	71	6 %				
6095 Professional Fees	53,000	48,587	37,826	37,826	10,761	4,417	4,077	340	15,174	29 %				
6100 Attorney Fees	90,000	82,500	99,046	99,046	(16,546)	7,500	6,658	842	(9,046)	(10) %				
6105 Legal Services / Filing Fees	1,000	0	0	0	0	0	0	0	1,000	100 %				
6106 HR Risk Management	4,500	4,500	4,500	4,500	0	0	0	0	0	0 %				
6110 Conference Expense	48,800	48,800	33,140	33,140	15,660	0	286	(286)	15,660	32 %				
6115 In-Lieu	13,200	12,100	11,400	11,400	700	1,100	0	1,100	1,800	14 %				
6120 Trustee Support	4,000	3,666	5,018	5,018	(1,352)	334	910	(576)	(1,018)	(25) %				
6200 Meetings Expense	2,000	1,834	1,860	1,860	(26)	166	121	45	140	7 %				
6210 Promotion & Education	26,000	22,000	4,363	4,363	17,637	5,000	0	5,000	21,637	83 %				
6220 Public Outreach Advertising	46,000	36,000	16,078	16,078	19,922	8,000	7,548	452	29,922	65 %				
6500 Benefit Assessment Expenses	96,000	96,000	91,146	91,146	4,855	0	0	0	4,855	5 %				
Total Administrative Expenses	662,535	596,297	600,105	600,105	(3,806)	63,655	56,007	7,649	63,655	10 %				
Utilities														
6400 Utilities	105,000	96,250	80,283	80,283	15,967	8,750	8,207	543	24,717	24 %				
6410 Telecommunications	11,000	10,084	17,536	17,536	(7,452)	916	2,267	(1,351)	(6,536)	(59) %				
Total Utilities	116,000	106,334	97,819	97,819	8,515	9,666	10,474	(808)	18,181	16 %				

CVMVCD
Statement of Revenue and Expenditures
From 5/1/2019 Through 5/31/2019

	Budget -		YTD Budget		YTD Actual		YTD Budget		Current Period		Current		Percent		
	Original	YTD Budget	YTD Budget	YTD Actual	YTD Budget	Variance	Current Period	Budget	Period	Variance	Total Budget	Remaining -	Total Budget	Remaining -	
															Original
Operating															
7000 Uniform Expense	26,650	24,431	28,918	28,918	(4,487)	2,221	2,221	2,676	(455)	(2,268)				(9)%	
7050 Safety Expense	23,350	21,406	19,733	19,733	1,673	1,946	1,946	4,288	(2,342)	3,617				15%	
7100 Physician Fees	4,000	3,663	5,380	5,380	(1,717)	333	333	595	(262)	(1,380)				(35)%	
7150 IT Communications	40,000	36,663	28,610	28,610	8,053	3,333	3,333	4,365	(1,032)	11,390				28%	
7200 Household Supplies	4,000	3,663	2,472	2,472	1,191	333	333	184	149	1,528				38%	
7300 Repair & Maintenance	42,000	38,500	24,868	24,868	13,632	3,500	3,500	1,710	1,790	17,132				41%	
7310 Maintenance & Calibration	6,000	5,500	4,826	4,826	674	500	500	0	500	1,174				20%	
7350 Permits, Licenses & Fees	10,850	9,944	3,807	3,807	6,137	904	904	0	904	7,043				65%	
7400 Vehicle Parts & Supplies	32,000	29,337	25,298	25,298	4,039	2,667	2,667	584	2,083	6,702				21%	
7420 Offsite Vehicle Maint & Repair	12,500	11,462	11,349	11,349	113	1,042	1,042	0	1,042	1,151				9%	
7450 Equipment Parts & Supplies	16,500	15,125	12,823	12,823	2,302	1,375	1,375	196	1,179	3,677				22%	
7500 Small Tools Furniture & Equip	1,700	1,562	1,538	1,538	24	142	142	0	142	162				10%	
7550 Lab Supplies & Expense	30,500	27,962	23,941	23,941	4,022	2,542	2,542	2,034	508	6,560				22%	
7570 Aerial Pool Surveillance	25,000	25,000	17,496	17,496	7,504	25,000	25,000	0	25,000	7,504				30%	
7575 Surveillance	45,500	41,712	35,945	35,945	5,767	3,792	3,792	1,313	2,479	9,555				21%	
7600 Staff Training	72,000	66,643	57,259	57,259	9,627	6,188	6,188	4,099	2,333	14,984				21%	
7650 Equipment Rental	1,000	913	669	669	244	83	83	0	83	331				33%	
7675 Contract Services	131,232	120,296	125,537	125,537	(5,241)	10,936	10,936	23,912	(12,976)	5,695				4%	
7700 Motor Fuel & Oils	73,200	67,100	66,548	66,548	552	6,100	6,100	7,270	(1,170)	6,652				9%	
7750 Field Supplies	9,400	8,613	6,414	6,414	2,199	783	783	106	677	2,986				32%	
7800 Control Products	785,000	719,576	524,295	524,295	195,281	65,416	65,416	0	65,416	260,705				33%	
7850 Aerial Applications	114,500	95,415	73,675	73,675	21,740	19,083	19,083	6,125	12,958	40,825				36%	
8415 Capital Outlay	20,650	18,931	9,669	9,669	9,262	1,721	1,721	0	1,721	10,981				53%	
8510 Research Projects	150,000	150,000	85,917	85,917	64,083	0	0	0	0	64,083				43%	
9000 Contingency Expense	150,000	137,500	0	0	137,500	12,500	12,500	0	12,500	150,000				100%	
Total Operating	1,827,532	1,680,917	1,196,987	1,196,987	483,932	172,440	172,440	59,457	113,227	630,790				35%	
Contribution to Capital Reserves															
8900 Transfer to other funds	482,614	442,398	442,396	442,396	2	40,218	40,218	40,218	0	40,218				8%	
Total Contribution to Capital Reserves	482,614	442,398	442,396	442,396	2	40,218	40,218	40,218	0	40,218				8%	
Total Expenditures	10,482,786	9,609,723	8,632,397	8,632,397	977,326	896,324	896,324	613,920	283,264	1,851,249				18%	
Net revenue over/(under) expenditt	0	416,410	1,672,630	1,672,630	1,256,220	3,305,747	3,305,747	3,647,759							

CVMVCD
Balance Sheet
As of 5/31/2019

		Current Year
Assets		
Cash and Investments		
1000	Cash - Investments	14,290,419.14
1016	Petty Cash	500.00
1017	Petty Cash Checking	1,500.00
1025	First Foundation - General	133,321.04
1026	First Foundation - Payroll	64,318.52
	Total Cash and Investments	14,490,058.70
Current Assets		
1050	Accounts Receivable	24,614.83
1085	Inventory	632,698.98
1168	Prepaid Insurance	29,151.20
1169	Deposits	1,039,269.00
	Total Current Assets	1,725,734.01
Fixed Assets		
1300	Equipment/Vehicles	1,870,815.56
1310	Computer Equipment	417,110.72
1311	GIS Computer Systems	301,597.91
1320	Office Furniture & Equipment	1,218,124.91
1330	Land	417,873.30
1335	Oleander Building	5,665,861.83
1336	Signage	23,651.39
1340	Structures & Improvements	3,026,125.52
1341	Bio Control Building	6,963,767.95
1342	Bio Control Equip/Furn	32,034.05
1399	Accumulated Depreciation	(9,211,139.61)
	Total Fixed Assets	10,725,823.53
Other Assets		
1520	Resources to Be Provided	3,514,102.32
1525	Deferred Outflows of Resources	1,284,772.00
1530	Deferred Outflows of Resources - OPEB	312,420.00
1900	Due to/from	0.11
	Total Other Assets	5,111,294.43
	Total Assets	32,052,910.67
Liabilities		
Short-term Liabilities		
Accounts Payable		
2015	Credit Card Payable	16,000.07
2020	Accounts Payable	35,110.40
2030	Accrued Payroll	(4,276.16)
2040	Payroll Taxes Payable	(1,292.51)
2175	Claims/Judgements Payable	(441.93)
2185	Employee Dues	(102.61)

CVMVCD
Balance Sheet
As of 5/31/2019

		Current Year
	Total Accounts Payable	44,997.26
	Total Short-term Liabilities	44,997.26
	Long-term Liabilities	
2100	Pollution Remediation Obligation	2,100,000.00
2200	Net Pension Liability	1,763,285.00
2210	Deferred Inflows of Resources	131,145.00
2300	Net OPEB Liability	877,253.36
2500	Compensated Absences Payable	662,566.53
	Total Long-term Liabilities	5,534,249.89
	Total Liabilities	5,579,247.15
	Fund Balance	
	Non Spendable Fund Balance	
3920	Investment in Fixed Assets	10,698,793.35
3945	Reserve for Prepays & Deposit	1,373,799.43
3960	Reserve for Inventory	532,128.63
	Total Non Spendable Fund Balance	12,604,721.41
	Committed Fund Balance	
3965	Public Health Emergency	4,103,640.00
	Total Committed Fund Balance	4,103,640.00
	Assigned Fund Balance	
3910	Reserve for Operations	4,500,000.00
3925	Reserve for Future Healthcare Liabilities	877,253.00
3955	Thermal Remediation Fund	463,724.00
3970	Reserve for IT Replacement	277,991.00
3971	Reserve for Vehicle Replacement	344,376.00
	Total Assigned Fund Balance	6,463,344.00
	Unassigned Fund Balance	
3900	Fund Equity	1,513,538.30
3999	P&L Summary	(499.17)
	Total Unassigned Fund Balance	1,513,039.13
	Current YTD Net Income	1,788,918.98
	Total Current YTD Net Income	1,788,918.98
	Total Fund Balance	26,473,663.52
	Total Liabilities and Net Assets	32,052,910.67



**Coachella Valley Mosquito and
Vector Control District**

June 11, 2019

Staff Report

Agenda Item: Informational Item

District Travel and Training Opportunities- **Grace Morales, Executive Assistant/Clerk of the Board**

Background:

September 25-28, 2019: CSDA Annual Conference (Anaheim, CA) ~ "The CSDA Annual Conference & Exhibitor Showcase is the one conference special district Leaders can't afford to miss! It is the most densely packed educational and networking experience available to special districts. Come together with other special district leaders from across the state to meet with industry suppliers, hear from the best in special district-specific topics with over thirty breakout session options, network with your peers and more at the leadership conference for special districts."

Requests to attend must be made by the JUNE 2019 BOARD MEETING.

On Demand Webinars Offered Through CSDA.net

Description	Cost
<p><u>Good Governance</u> <i>Every board wants to govern well. It's about serving the public well. This course offers the perspective of a seasoned decision maker and consultant that will make you consider best practices of good governance for special districts; what your role is and what it is not, where the lines get drawn, and where to be careful. This course is meant to provide best practices for all board members both new and experienced.</i></p>	<p>\$55.00</p>
<p><u>Keeping up the Brown Act</u> <i>Public agency board members must understand the complex public meeting and transparency laws established by the Brown Act. In this workshop, we will walk through practical scenarios to identify the common pitfalls, and best practices, in Brown Act compliance.</i></p>	<p>\$55.00</p>

Board Business Status Log 2019

Board Action Item / Description		Month	Status	Comment
Agreements	New General Counsel Agreement	January	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	Retainer \$4,000/ Month for all general counsel legal services; excluding litigation
	Approval of General Manager Employment Agreement Amendment	January	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	2% COLA; Special Merit Pay 3.5%
	Cleaning Services Agreement with CleanExcel	January	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Service Agreement with Salton Sea Aerial Services	February	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Public Works Contract with MAAS Companies for Project Manager Services for the Thermal Facility Asphalt Paving Project	February	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Agreement with Palm Springs Air Conditioning for Installation of Dehumidifiers Salton Sea	March	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Agreement with Willdan Financial for Engineering Services in connection with the District's Benefit Assessment	March	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Agreement with Ceja International Security	March	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Agreement with Cintas through a US Communities Purchasing Alliance Contract for Uniform Service	May	In Progress <input checked="" type="checkbox"/> Completed <input type="checkbox"/>	
	Agreement with NSWC, Johnson Controls, and Zaretsky to Complete the Laboratory's Exhaust Fan Replacement Project	May	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	

	Agreement with Onyx for asphalt repair services of the District headquarters	May	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
Policies				
Purchases				
Range = \$5k to \$10K				
Purchases				
Greater than \$10K				
	Supplies for arbovirus testing (Thermofisher)	January	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Four Cushman 800x Gas Powered Carts	February	In Progress <input checked="" type="checkbox"/> Completed <input type="checkbox"/>	
	Annual Renewal of Abila, MIP Fund Accounting, Maintenance and Support	May	In Progress <input checked="" type="checkbox"/> Completed <input type="checkbox"/>	
	Purchase (1) one 2019 ARGO Frontier Amphibious Tract Vehicle	May	In Progress <input checked="" type="checkbox"/> Completed <input type="checkbox"/>	
Resolutions				
	Resolution 2019-01 Adopting Employee Pay Schedule	February	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Resolution 2019-02 In Recognition of Ramon Gonzalez's 25 Years of Service to the District Employee Pay Schedule	March	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Resolution 2019-03 Designating the Week of April 21-27, 2019, as Mosquito Awareness Week	March	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Resolution 2019-04 Adopting the 2019 CVMVCD Mosquito-borne Virus Surveillance and Emergency Response Plan	May	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	

Other						
	Chromebooks for Trustees	January	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	Chromebooks for Trustees for Board packet and other District use		
	Approval of the new District logo	February	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>			
	Surplus sale of one decommissioned 2,000 gallon above ground tank	February	In Progress <input checked="" type="checkbox"/> Completed <input type="checkbox"/>			
	Warrant Extension	February	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>			



DEPARTMENT REPORTS

FINANCE

The financial reports show the balance sheet, receipts, and the revenue and expenditure reports for the month ending May 31, 2019. The revenue and expenditure report shows that the operating budget expenditure for July 1, 2018 to May 31, 2019 is \$8,632,401; total revenue is \$10,305,027 resulting in excess revenue over (under) expenditure for the year to May 31, 2019 of \$1,672,626.

THREE YEAR FINANCIALS

	5/31/2019	5/31/2018	5/31/2017
Total Revenue	10,305,027	9,543,570	9,092,342
Expenses			
Payroll	6,295,094	6,193,465	6,125,974
Administrative Expense	600,105	557,458	545,056
Utility	97,819	88,031	103,113
Operating Expense	1,196,987	1,188,204	1,537,846
Contribution to Capital Reserves	442,396		
Total Expenses	8,632,401	8,027,158	8,311,989
Profit (Loss)	1,672,626	1,516,412	780,353

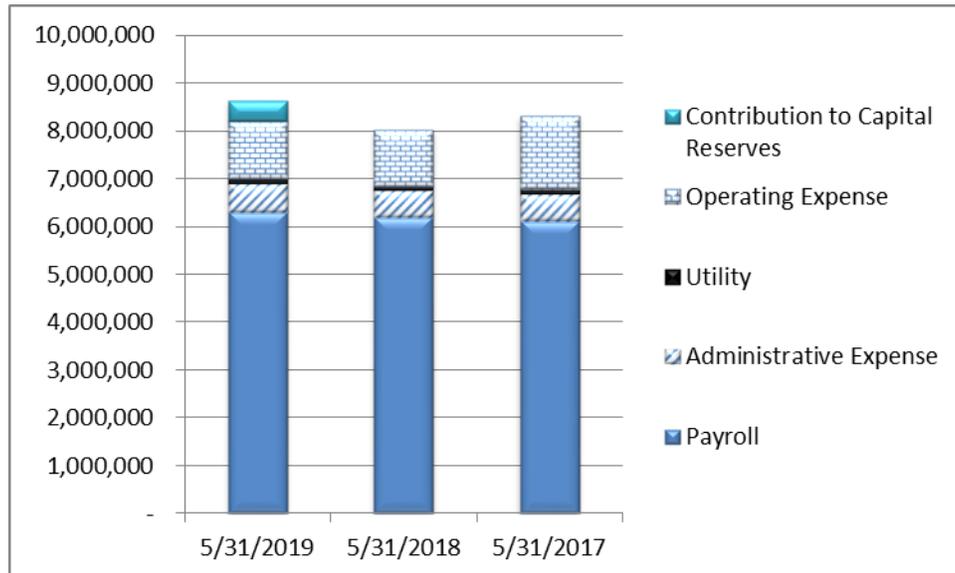


Figure 1 Three Year Expenditure

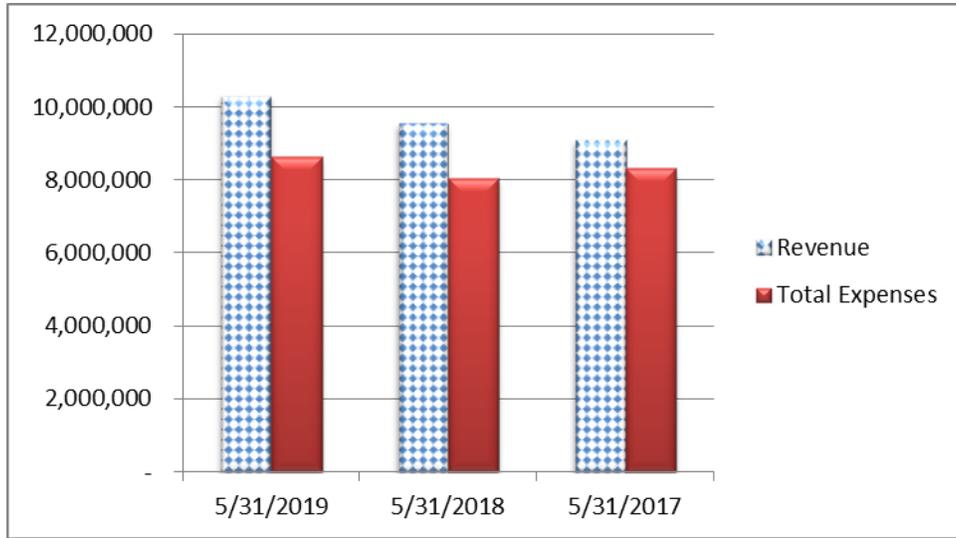


Figure 2 Three Year Revenue & Expenditure

THREE YEAR CASH BALANCE

CASH BALANCES	5/31/2019	5/31/2018	5/31/2017
Investment Balance	14,290,419	13,592,292	13,508,966
Checking Accounting	133,321	11,049	11,967
Payroll Account	64,319	301,393	281,833
Petty Cash	2,000	2,000	2,000
TOTAL CASH BALANCES	14,490,059	13,906,734	13,804,766

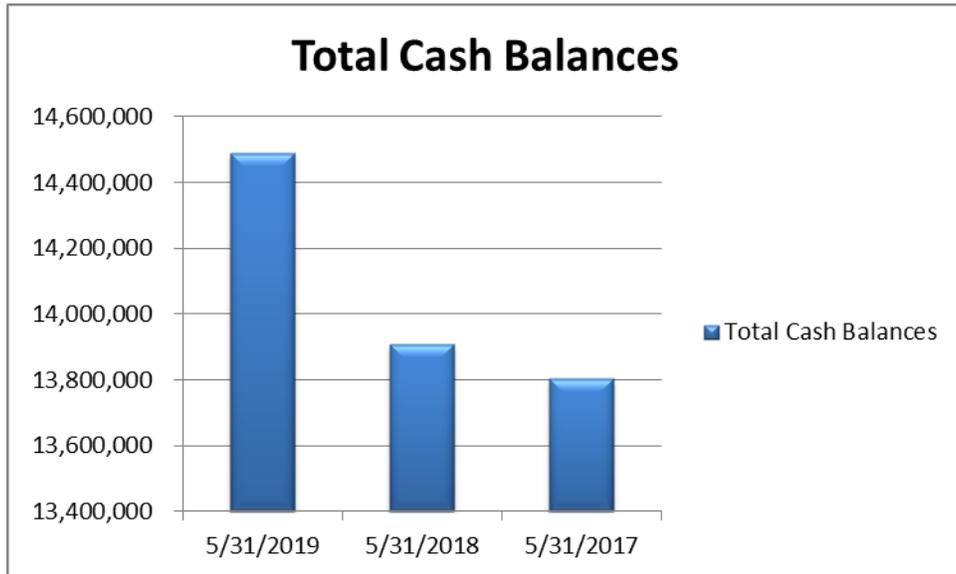


Figure 3 Cash Balances

DISTRICT INVESTMENT PORTFOLIO 5/31/2019

The District’s investment fund balance for the period ending May 31, 2019 is \$14,290,419. The portfolio composition is shown in the pie chart. Local Agency Investment Fund (LAIF) accounts for 45% of the District’s investments; the Riverside County Pooled Investment Fund is 37% of the total. The LAIF yield for the end of December was 2.45% and the Riverside County Pooled Investment Fund was 2.36%; this gives an overall weighted yield for District investments of 2.09%.

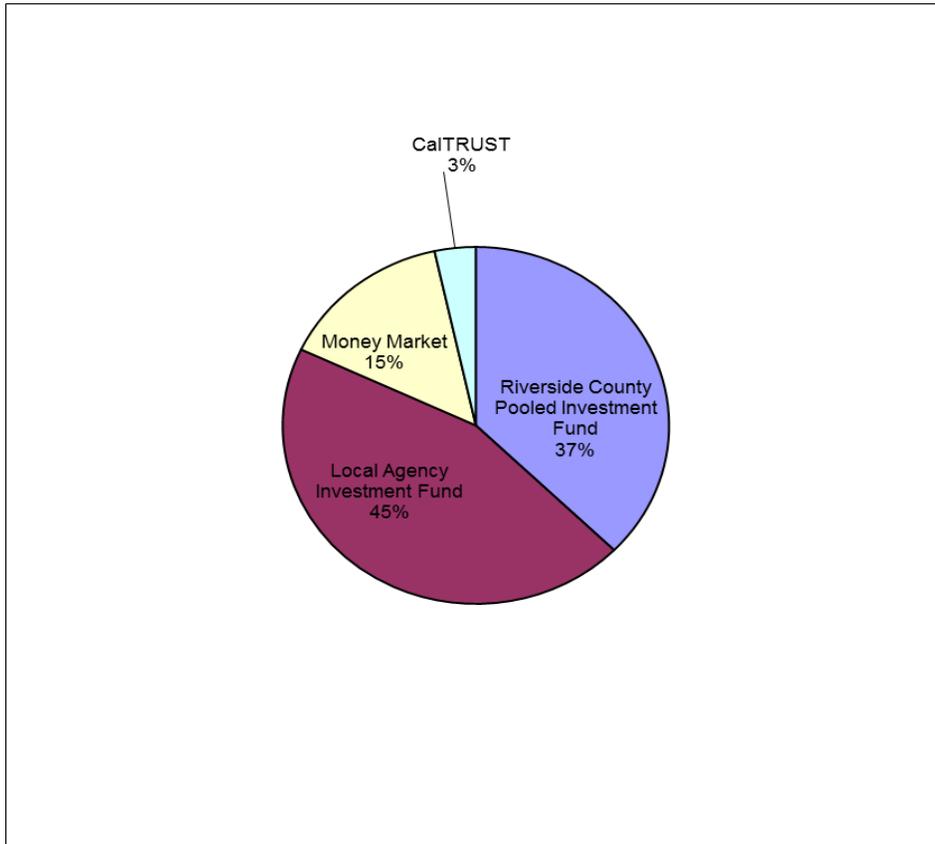


Figure 4 Investment Portfolio 5-31-19

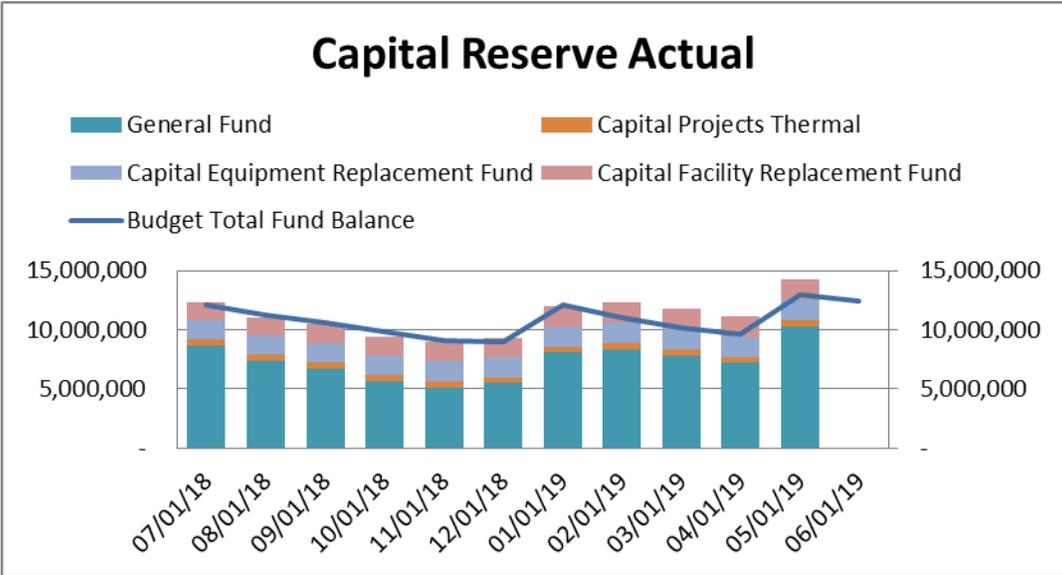


Figure 7 Capital Reserve Actual

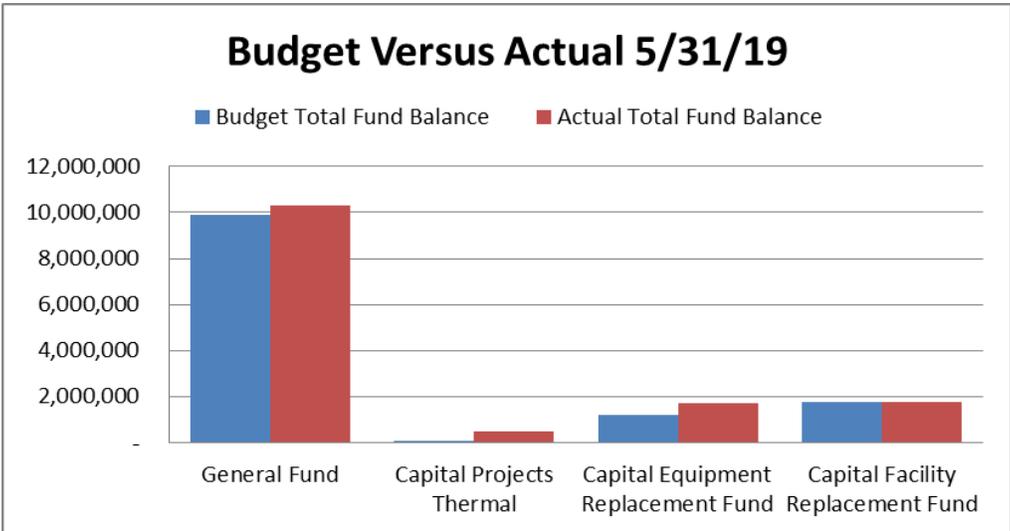
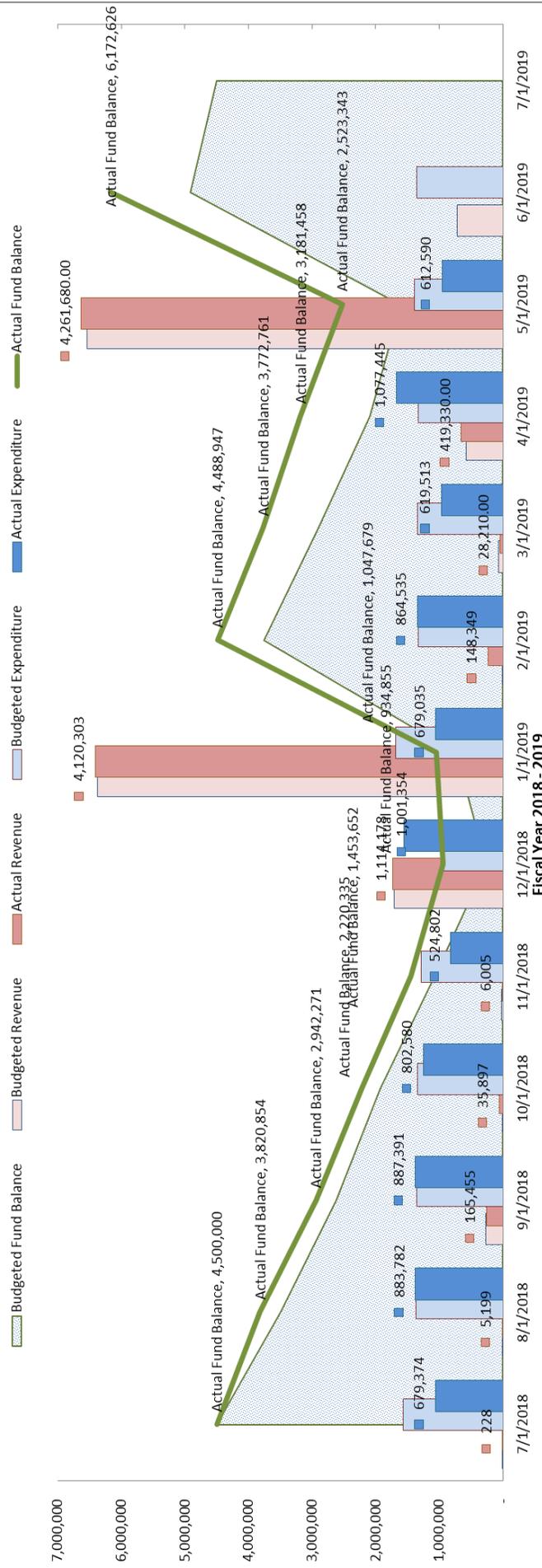


Figure 8 Capital Reserve 5/31/2019

General Fund Operational Cash Flow



The **General Fund Operational Cash Flow** graph outlines the District's working capital for the fiscal year July 1 2018 to June 30 2019. The beginning fund and ending fund balance is \$4.5 million. Expenditure is approximately divided by 12 equal months, with some differences accounting for the seasonality of the program for example control products and seasonal employment which are greater in the mosquito breeding season. The budget also accounts for prepayments. The revenue follows a different pattern, Riverside County distribute the property tax revenue in January and May with advancements in December and April.

The *shaded area* represents the **Budgeted Fund Balance** which has a formula of (beginning) **Fund Balance** plus **Revenue** minus **Expenditure**. The *green line* represents the **Actual Fund Balance** and is graphed against the *shaded area Budgeted Fund Balance*.

The graph shows for June 1 the \$4.5 million **Fund Balance** plus total Revenue for July 1 to May 31, 2019 of \$10.3 million minus total Expenditure of \$8.6million is \$6.2million. For planning purposes the District is well within budget, showing revenue is slightly higher and expenditure is lower than budgeted. As long as the green line stays out of the shaded area the District is fiscally sound.

Human Resources

New Employees

- *Tammy Gordon* began work in the position of Public Information Officer on April 8th. Tammy received a Bachelor of Business Administration, with a major in Marketing, and a Master of Arts in Communication, with an emphasis in Public Administration, from Boise State University. Prior to accepting this position, Tammy was the Public Information Officer at the City of Eagle, in Eagle, Idaho.
- *Ryan Gonzalez* began work in the position of Vector Control Technician Trainee on May 6th. Ryan has worked as a Seasonal employee for the District for two seasons.
- *The following began work in April and May in the position of Seasonal Vector Control Operator:*
 - *Jacqueline Russell-Burse*
 - *John Bennett*
 - *Jesus Cruz*
 - *Marisa Kelling*
 - *Jesse Mendez*
 - *Kyle Mulroe*
 - *Rafael Solorzano*

Training

- The District's third annual Beyond the Bite Academy began on April 4th. Members of this year's class are: Vector Technicians *Jess Lucia, Jonathan Herrera, Ramon Gonzalez, and Rene Delgado*; Utility Worker *Oscar Guerrero*; and Administrative Clerk *Diana Reyes*. The Academy training program is designed to provide relevant training, in alignment with organizational needs, through which individual skills are developed and performance is enhanced.



Recruitment

- Recruitment is continuing for the position of Seasonal Vector Control Operator.

Information Technology Department

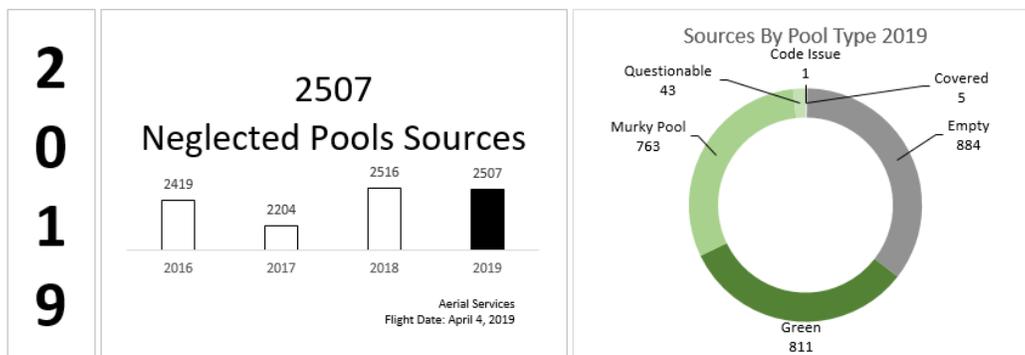
Firewall: During a recent firmware update, the District's Firewall failed to reboot properly. The IT/GIS Department was able to restore the firewall within two hours using a recent backup. On May 21, 2019, a Return Merchandise Authorization (RMA) unit was placed into production with the latest firmware version.

Mobile Inspection Application: Twenty-five (25) properties were modified due to golf courses, homeowner associations and property management groups transitioning to desert landscape. These properties are maintained as a layer by the IT/GIS Department to outline treatment areas and provide acreage calculations for Vector Control Technician's Product Applications. As more properties transition to desert landscape or modify their landscapes, these features need to be re-shaped and acreages to be re-calculated for proper product applications:

The *Technician Zone Layer* was also updated to adjust for the shift in technicians covering the various areas of the Coachella Valley. The Technician Zone Layer is used to route service requests to the proper Vector Control Technician.

Neglected Pool Flight:

At the March 12, 2019 Board of Trustees Meeting, the Board approved the contract with Aerial Services for aerial reconnaissance service of the Coachella Valley for neglected water features. The aerial reconnaissance was completed on April 4, 2019 resulting in 2507 neglected water features.



While Aerial Services captured images of the Coachella Valley, the District requested the company to fly the Salton Sea Shoreline to acquire an up-to-date account of the receding shoreline. The images captured are not geo-rectified, which is a process that links the images into a coordinate system to be accurately placed onto a map. The IT Department is manually creating control points to



allow the images to have a coordinate system and to be placed in a map for use of the Operations Department.

FLEET SERVICES

Vehicle Status Update: Thirteen (13) of fourteen (14) units have been received and are being outfitted with hazard lights, water tanks, chemical boxes and District logos. Approval to purchase fourteen (14) vehicles was granted at the September 11, 2018 Board of Trustees Meeting.

Workhorse Update: At the February 12, 2019 Board of Trustees meeting, the Board approved the purchase of four (4) Yamaha UMAX gas powered workhorses. Golf Carts of the Desert informed us the units will be in transit tentatively on June 14, 2019.



ULV Missions: Fleet Services assisted the Operations Department in calibrating the Ultra-Low Volume Truck Mounted Control Applications for the various oil and water-based control products.

- 13 Control Applications in May
- 5 Control Applications in June

Damage Update: On 4/24/2019, during a application using the District's ARGO, a Vector Technician reported damage to the near the drain plug (Figure 1). The body has repaired for the season.



Figure 1 - ARGO

routine rural Control undercarriage been temporarily

UNIT# 47 was involved in a non-reportable accident on 5/20/2019 (Figure 2). The passenger side bed wall will need to be repaired.

Figure 2 - UNIT# 47

Surveillance and Quality Control Management Program

The vector-borne statewide surveillance program was established in 1969. The District began encephalitis surveillance in the early 1980s and the surveillance program has been in place since 1990. The District program includes the monitoring of vector and vector borne diseases and the implementation, evaluation and analysis of integrated vector management strategies in the Coachella Valley. Information generated by this department is used by District Operations staff to ensure control measures are efficiently implemented in the field.

DISEASE SURVEILLANCE (AS OF 5/31/2019)

	WNV - Positive 2019 YTD	WNV - Positive 2018 YTD	WNV - 5 year Average	WEE 2018 YTD	SLE 2018 YTD
Positive Counties	4	6	12	0	0
Human Cases	0	0	0	0	0
Positive Dead Birds / # Tested	1/425	9/338	40	0	0
Positive Mosquito Pools / # Tested	41/6,665	3/6,150	40	0	0

ARBOVIRUS SURVEILLANCE TESTING - COACHELLA VALLEY

		March	April	May	2019 YTD	2018 YTD	5 year Average YTD
Humans		0	0	0	0	0	0
Dead Birds		0	0	0	0	0	0
Mosquito Pools	WNV	0	0	37	37	0	1.9
	SLEV	0	0	0	0	0	0
	# Tested	550	834	1,041	2,486	1,842	1,543

* Four-year average based SLEV detections from 2015-2018

ENDEMIC MOSQUITO SURVEILLANCE

CO₂ TRAPS

During the normal mosquito season (March through mid-November) the District Laboratory staff maintains 109 CO₂ (carbon dioxide) traps through the District to monitor the mosquito populations. Extra emphasis is placed on mosquito species that are known to be vectors of virus that cause human disease. These vector species in the Coachella Valley are *Culex tarsalis* and *Cx. quinquefasciatus*. In the rural areas *Cx tarsalis* is the most abundant vector species. CO₂ traps release carbon dioxide to attract mosquitoes looking to obtain a blood meal and are very effective at collecting *Culex* mosquitoes. The average number of vectors captured per trap per night is monitored and used to guide operational activities of the District. The number of mosquitoes collected in half-month periods is compared to the previous 5-year average to determine anomalies in mosquito abundance. The surveillance program mosquito abundance is broadly reported in two areas – Urban and Rural. These Urban



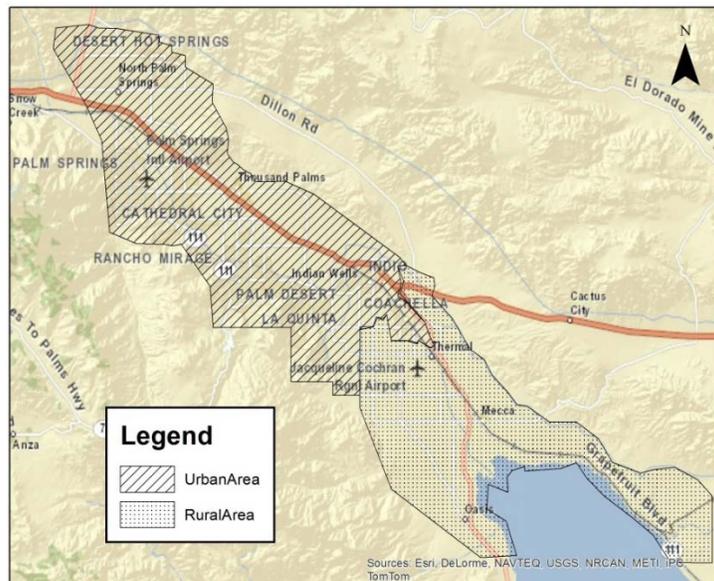
and Rural areas are also broken down into smaller zones to look at more specific regions of the Districts when planning mosquito control activities.

Gravid Traps

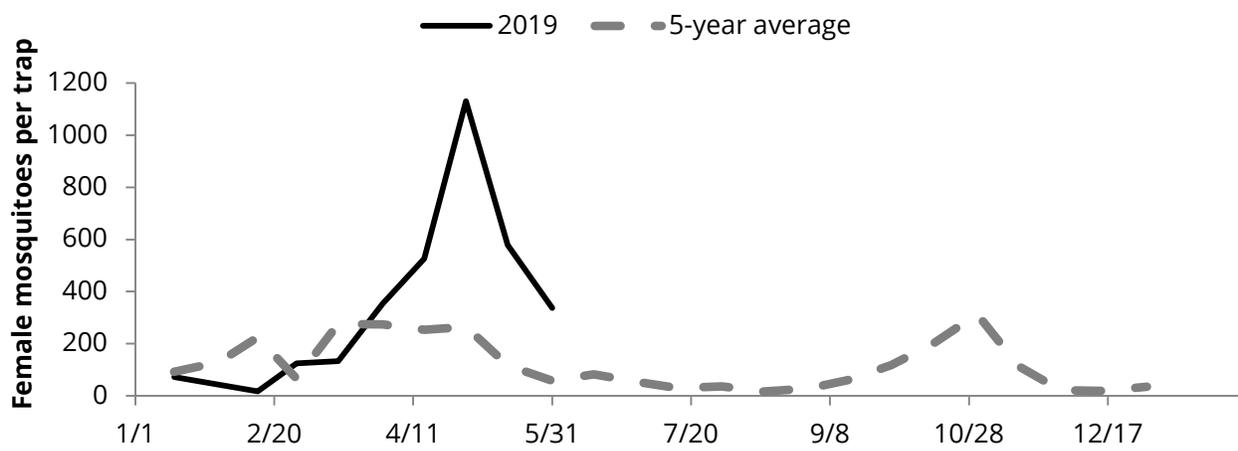
Gravid traps use water infused with organic matter such as alfalfa to attract mosquitoes looking to lay eggs. These traps are especially effective at collecting *Cx quinquefasciatus* mosquitoes, which are the primary disease vector in the urban areas of the District. However, other mosquito species, including *Cx tarsalis* are not attracted to these traps. Because of their use in targeting *Cx quinquefasciatus* mosquitoes these traps are placed in urban areas of Coachella Valley. The District currently uses gravid traps at 53 locations during the normal mosquito season.

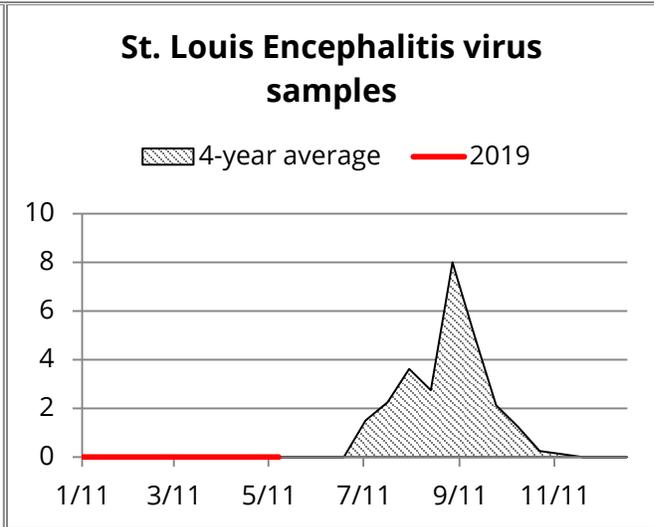
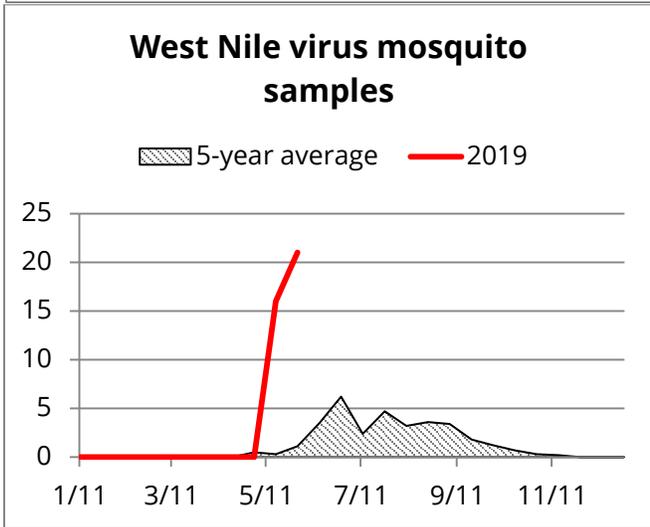
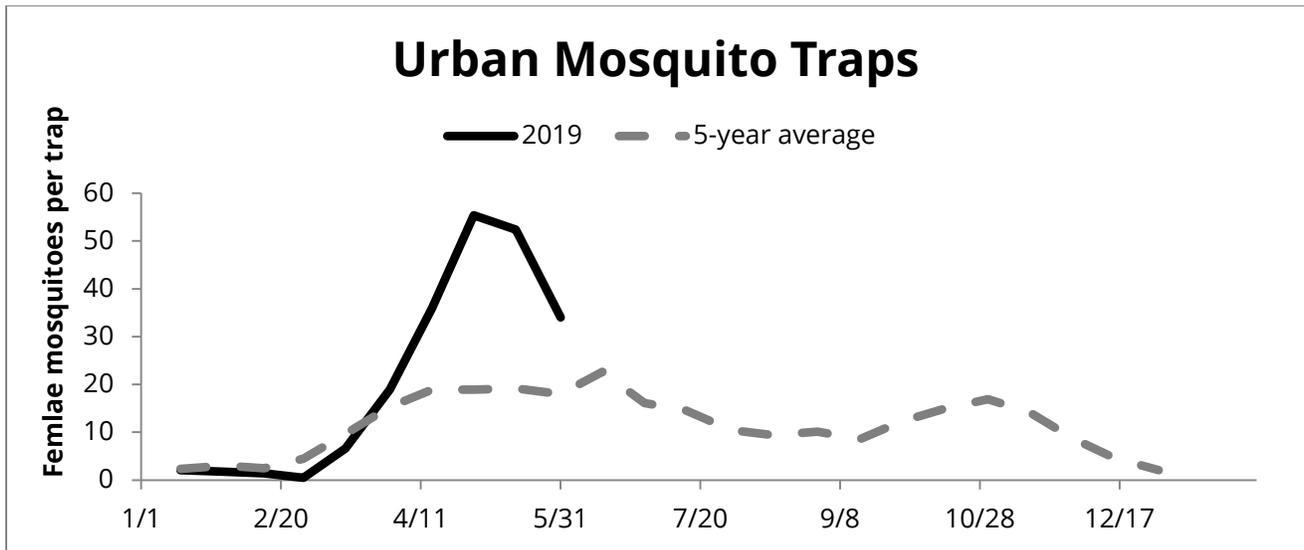


MOSQUITO SURVEILLANCE ZONES



Rural Mosquito Traps





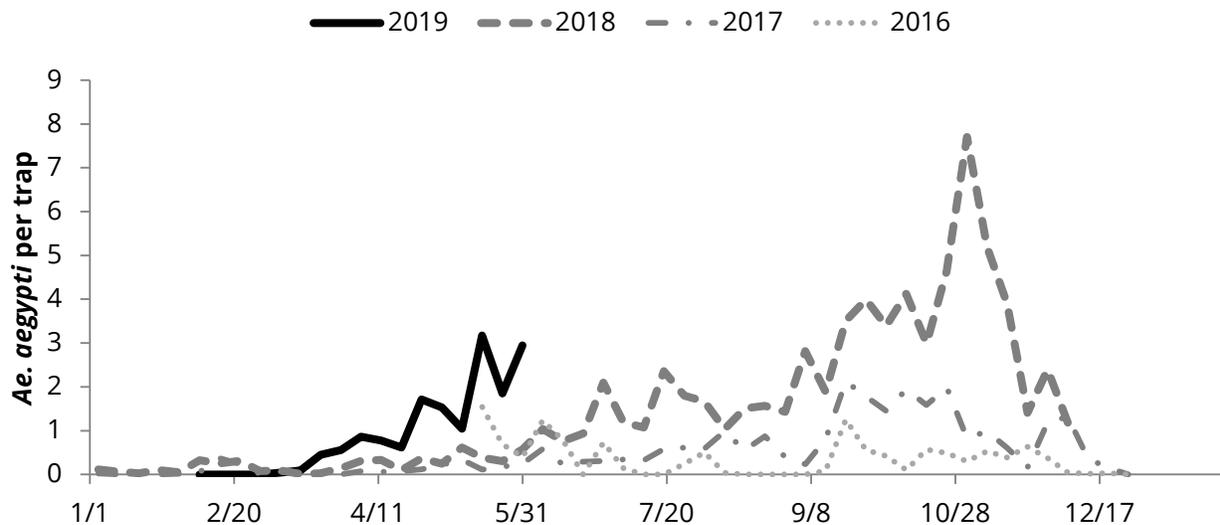
EXOTIC MOSQUITO SURVEILLANCE

Aedes aegypti has been detected in 9 communities: Coachella (2 separate regions), Cathedral City, Indio, Palm Springs, La Quinta, Palm Desert, Mecca, Indian Wells, and Rancho Mirage. BG-Sentinel traps are deployed weekly in each region to detect and monitor for adult mosquitoes. Autocidal Gravid Traps (AGO) are being used to provide an additional detection method for *Ae. aegypti*. AGO traps have been shown to be sensitive in areas where mosquito populations are low. AGO traps use an attractive bait made of week-old hay infusion to draw in egg-laying (gravid) female mosquitoes. The mosquitoes are collected using a sticky trap, and the trap and bait are changed weekly. We have 53 permanent BG trap locations and 40 AGO trap locations.



Left: BG Sentinel trap. Right: Autocidal Gravid Trap

Number of *Aedes aegypti* per trap



DEPARTMENT WORK

USDA-CMAVE - mosquitoes. Researchers from the USDA Center for Medical, Agricultural and Veterinary Entomology in Gainesville, FL visited the District in March and collaborated with Laboratory staff - Arturo Gutierrez, Chris Cavanaugh, and Kim Hung. For 4 days, the lab staff and USDA worked in the field at a test plot in Mecca to study the effects of spatial repellents (1 standard and 1 botanical) and the effectiveness of different sprayers with multiple larvicides in a desert environment. To measure the effects of the repellents, sentinel cages containing *Cx. quinquefasciatus* colony



mosquitoes and CO₂ traps were used. A total of 84 CO₂ traps were set over 4 nights. Three types of emanators were used in two different settings: 1 large tent in an enclosure, and 4 small tents in the open. The emanators used in the large tent continue to be effective 2 months after initial application. Trapping will continue to monitor the efficacy over time. The botanical product (active ingredients: rosemary oil, geraniol, and peppermint oil) was tested in a portable pesticide misting system set up in open vegetation to compare a new low-pressure nozzle to a standard high-pressure nozzle in a hot arid environment. Collections from the misting system showed that the new nozzles worked just as well as the standard nozzles, providing evidence that a smaller, lighter misting system with lower power demands could be developed for portable field use. For the larvicide sprays, 40 larval cups were placed along a transect for each spray to examine the swath width in a densely vegetated area and 10 cups were placed in an untreated control area. A total of 16 sprays, resulting in 800 cups, were completed in 3 days using a combination of 7 formulations with 4 different sprayers. This is the 13th consecutive year of collaboration with this group.

USDA-CMAVE – fire ants. Dr. David Oi from the USDA has been conducting work on water-resistant baits for red imported fire ants. Previous work has shown that the fire ants do not pick up baits that have gotten wet, and a lot of time is spent by District staff to reduce watering of landscapes just before and just after treatments. Dr. Oi has been working with a pesticide with the same active ingredient as what we use but that has an additional coating that makes it more resistant to irrigation. Gerald Chuzel has worked with Dr. Oi and conducted inspections, treatments, and an initial follow-up at 3 different locations with established fire ant colonies. Details regarding our findings will be part of the July Board packet as part of Dr. Oi’s semi-annual report.

Sequential rotator trap. The sequential trap is important for determining peak mosquito activity of host-seeking mosquitoes. It is set up similarly to a CO₂ trap but there is a collector that changes every hour. Typically, we use the sequential trap prior to adulticide treatments to decide the best treatment times. We set a sequential trap along with a weather station on a weekly basis starting in July 2018 to collect mosquitoes from an hour before sunset to an hour after sunrise. The weather station records the temperature, wind, and relative humidity during the collection period. We paired the mosquito collection data to the weather data and sunset time to see whether they have an impact on mosquito activity. Mosquito activity tends to be highest between sunset and 2 hours after sunset, after which the activity levels vary depending on the season. We collected 7 different species of mosquitoes with the largest collections being *Culex tarsalis* and *Psorophora columbiae*. *Ps. columbiae* activity was greatest in August, low in late summer to early fall, and not detected in winter or early spring. *Cx. tarsalis* activity was low during the mid-summer and peaked in April and in late September. We plan to continue trapping until July to complete a full year of this study. The results from this collection study will help us better understand nighttime host-seeking mosquito activity throughout the year in our rural area.



***Aedes aegypti* rearing.** New air curtains and upgraded dehumidifiers installed in April in the rearing rooms have made it possible to begin rearing *Ae. aegypti* in the lab. We have successfully hatched some mosquitoes from field-collected eggs and reared them to adults. The female adults were bloodfed with an artificial feeding device made of hog sausage casing and defibrinated calf blood. The next steps will be to determine whether the eggs we collected will be viable and can support an ongoing colony. The colonies we plan to maintain will include a strain susceptible to pesticides and at least one local field strain in the lab. Rearing *Ae. aegypti* in the lab will allow us to verify how effective the products we use are against these mosquitoes and whether resistance is fully expressed in this newly introduced species of mosquito. We expect to begin conducting bottle bioassays and field or semi-field efficacy trials this fall.

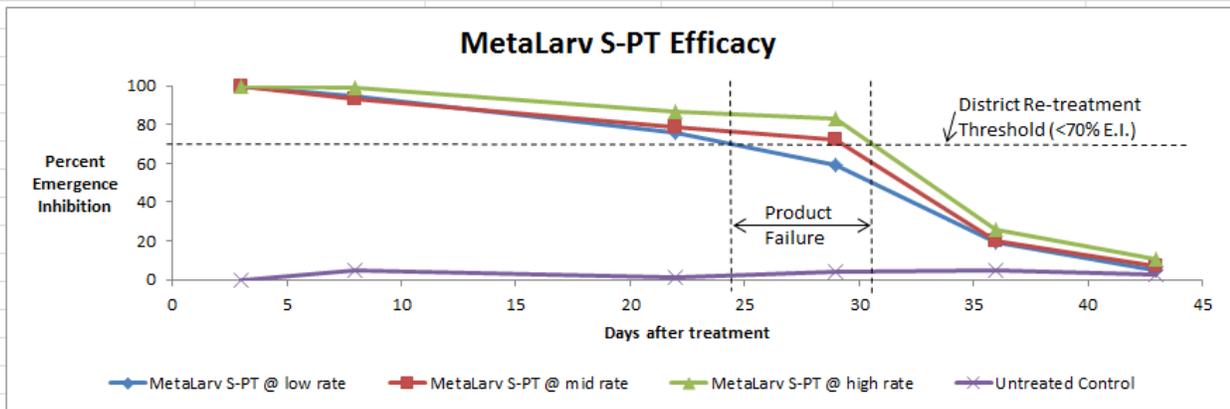
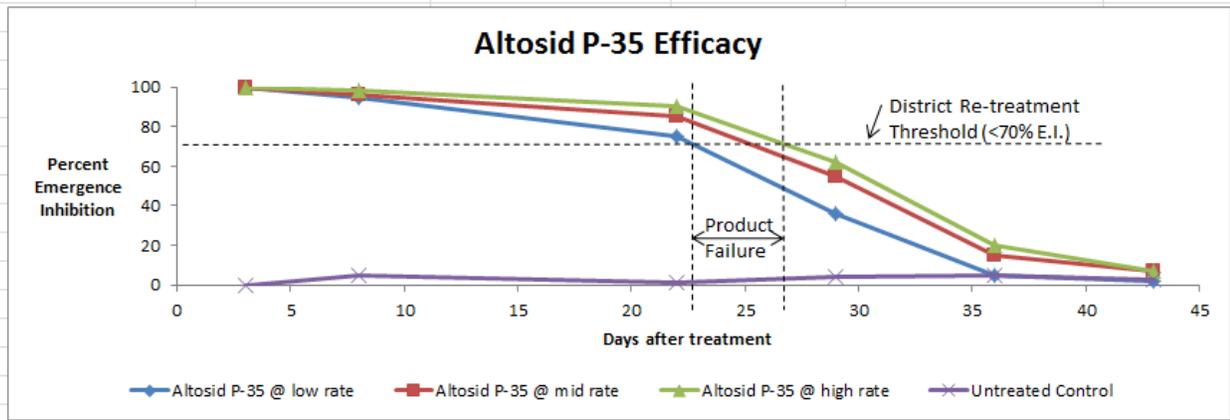
Biological Control. Mosquitofish (*Gambusia affinis*) As of Jun 1, 2019, approximately 3,700 fish were stocked in neglected swimming pools, private ponds, detention basins, and animal water troughs.

Resistance bottle bioassays. Bottle bioassay resistance testing is conducted annually to monitor effectiveness of products used to control adult mosquitoes. Wild mosquitoes are compared to our susceptible strain laboratory-reared mosquitoes, and the mosquitoes are exposed to a small amount of product that coats the inside of bottles. This year, we examined mosquito resistance in local urban mosquitoes against 4 products: Scourge 18+54, AquaReslin, DeltaGard, and Merus 3.0. Merus 3.0 is a new product formulation approved for use in organic areas. The tested urban mosquitoes indicated signs of resistance to all four products. Similar to last year, continued high levels of resistance are still seen to Scourge 18+54. To follow up, semi-field trials are planned to verify product efficacy against local wild adult populations in an outdoor environment.



ULV evaluation. One method to ensure that the truck ULV adulticide applications are effective is to place mosquito sentinel cages in the treatment area and observe the mosquitoes' mortality after treatment. We set *Cx. quinquefasciatus* colony and wild adult mosquitoes collected from Indio at 8 different locations within the treatment area in Indio. We set cages at 2 locations outside the treatment area as the control. We also set 6 impingers with Teflon slides inside the treatment area and 1 as the control to characterize the droplets from the sprayer. The product used for treatment was Evergreen 5-25. The droplets collected on the slides were difficult to read since the rain that morning interfered with the results. The susceptible colony mosquitoes showed good mortality (>90%) except at two locations. These locations were in a backyard or far away from the street, a challenge for the spray plume to reach. The wild mosquitoes did not die as quickly as the colony mosquitoes. Three out of 8 sites had good mortality and the other cages showed 0 - 68% mortality, demonstrating resistance of the wild mosquitoes to this product.

Methoprene product efficacy. Two products with similar residual activity are available for controlling larval mosquitoes. The active ingredient (S)-methoprene is an insect growth regulator, which when taken up by the larvae, prevents the pupae from eclosing as adult mosquitoes. Altosid P-35 is a unique granule formulation that states on its label to provide 35 days of residual control in continuously wet conditions. MetaLarv S-PT has 2 different pellets – one which releases methoprene immediately and the other with a more sustained release in time; it has an expected 42-day residual control. We compared the efficacy of Altosid P-35 with our current product of MetaLarv S-PT in our District microcosm ponds at 3 different rates. Both have the same amount of active ingredient.



The comparison of the two graphs show that MetaLarv S-PT controlled mosquito larvae up to 30 days before the product began to fail versus Altosid P-35 which began to fail at 27 days. Typically, products are used in areas with more shade, so we plan to examine the two products in catch basins next to determine the expected residual.

Operations

3/1/2019 to 3/31/2019 Report



56 Agriculture

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
17	Bs/Bti	12.96
10	Bti	5.47
4	Methoprene	1.01
10	Spinosad	7.18
Applications	FORMULATION: LIQUID	Acreage
2	Bti	2.00
4	Methoprene	0.46
9	Spinosad	2.94



11 Duck Club

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
2	Bs/Bti	1.50
2	Bti	1.00
2	Spinosad	0.10
Applications	FORMULATION: LIQUID	Acreage
1	Methoprene	3.90
4	Spinosad	4.13



140 Invasive Aedes

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
49	Bti	0.27
Applications	FORMULATION: LIQUID	Acreage
49	Barrier	0.27
42	Fogging	14.76



1,252 Residential

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
37	Bs/Bti	0.94
74	Bti	4.52
299	Methoprene	0.86
362	Spinosad	1.21
Applications	FORMULATION: LIQUID	Acreage
78	(AE) surfactant	0.41
148	Bti	4.48
145	Methoprene	0.97
109	Spinosad	1.22



17 Salton Sea

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
4	Bs/Bti	300.00
5	Bti	308.75
4	Spinosad	6.82
Applications	FORMULATION: LIQUID	Acreage
1	Methoprene	0.25
3	Spinosad	0.72

(AE) surfactant - reduces surface tension of water making it difficult for mosquito larvae and pupae to attach and causes them to drown

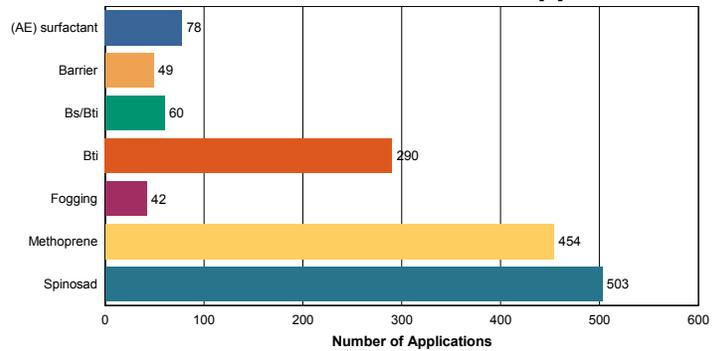
BS (*Bacillus sphaericus*) - soil-dwelling bacterium, used as a biological pesticide that during sporulation produce crystals that have insecticidal action when ingested by mosquito larvae

BTI (*Bacillus thuringiensis israelensis*) - soil-dwelling bacterium, commonly used as a biological pesticide that during sporulation produce crystal proteins that have insecticidal action when ingested by mosquito larvae

Methoprene - used as a biological pesticide that mimics natural juvenile hormone of insects and acts as a growth regulator. Juvenile hormone must be absent from mosquito pupa to molt to an adult. Mosquito pupae treated with Methoprene will be unable to successfully mature from pupae to the adult mosquito

Spinosad - a naturally-occurring soil-dwelling bacterium, *Saccharopholyspora spinosa*

Product Applications



Product Breakdown

		Total		
		Count	Acreage	Cost
FORMULATION: DRY	Total	881	652.60	\$35,318.87
	Bs/Bti	60	315.40	\$26,280.97
	Bti	140	320.01	\$5,908.09
	Methoprene	303	1.87	\$978.45
	Spinosad	378	15.31	\$2,151.37
FORMULATION: LIQUID	Total	595	36.49	\$2,488.07
	(AE) surfactant	78	0.41	\$15.83
	Barrier	49	0.27	\$2,215.19
	Bti	150	6.48	\$58.74
	Fogging	42	14.76	\$14.43
	Methoprene	151	5.58	\$45.47
	Spinosad	125	9.00	\$138.42

Operations

4/1/2019 to 4/30/2019 Report



59 Agriculture

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
14	Bs/Bti	7.92
9	Bti	5.86
16	Spinosad	26.08
Applications	FORMULATION: LIQUID	Acreage
2	(AE) surfactant	1.46
7	Bti	4.23
1	Methoprene	0.20
10	Spinosad	6.64



9 Duck Club

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
2	Bs/Bti	2.60
1	Bti	1.50
4	Spinosad	0.78
Applications	FORMULATION: LIQUID	Acreage
2	(AE) surfactant	5.20



149 Invasive Aedes

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
50	Bti	0.40
1	Spinosad	0.00
Applications	FORMULATION: LIQUID	Acreage
50	Barrier	0.40
1	Bti	0.00
47	Fogging	18.70



1,485 Residential

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
57	Bs	0.09
242	Bs/Bti	0.98
106	Bti	3.52
186	Methoprene	0.89
288	Spinosad	1.35
Applications	FORMULATION: LIQUID	Acreage
143	(AE) surfactant	0.72
262	Bti	9.48
105	Methoprene	0.63
96	Spinosad	4.91



21 Salton Sea Marshes

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
1	Bs/Bti	0.20
5	Bti	29.23
1	Methoprene	0.25
10	Spinosad	322.40
Applications	FORMULATION: LIQUID	Acreage
2	Bti	0.30
1	Methoprene	0.05
1	Spinosad	6.00

(AE) surfactant - reduces surface tension of water making it difficult for mosquito larvae and pupae to attach and causes them to drown

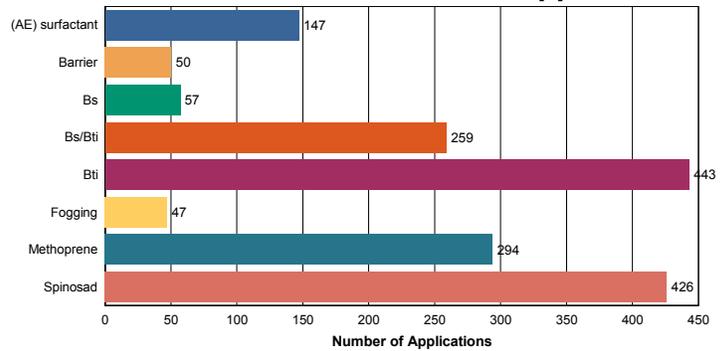
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Spinosad - a naturally-occurring soil-dwelling bacterium, *Saccharopolyspora spinosa*

Product Applications



Product Breakdown

		Total		
		Count	Acreage	Cost
FORMULATION: DRY	Total	993	404.06	\$45,185.72
	Bs	57	0.09	\$147.73
	Bs/Bti	259	11.70	\$1,118.02
	Bti	171	40.52	\$1,360.24
	Methoprene	187	1.14	\$702.66
	Spinosad	319	350.61	\$41,857.08
	Total	730	58.92	\$3,951.05
FORMULATION: LIQUID	(AE) surfactant	147	7.38	\$250.04
	Barrier	50	0.40	\$3,304.30
	Bti	272	14.00	\$123.33
	Fogging	47	18.70	\$20.04
	Methoprene	107	0.87	\$6.87
	Spinosad	107	17.56	\$246.45
	Total	730	58.92	\$3,951.05

Operations

5/1/2019 to 5/31/2019 Report



102 Agriculture

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
6	Bs	0.01
10	Bs/Bti	5.39
10	Bti	6.65
5	Methoprene	0.13
33	Spinosad	82.91
Applications	FORMULATION: LIQUID	Acreage
9	Bti	6.32
2	Methoprene	0.21
27	Spinosad	7.71



8 Duck Club

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
2	Bs/Bti	0.55
1	Bti	0.30
1	Methoprene	0.02
2	Spinosad	0.60
Applications	FORMULATION: LIQUID	Acreage
1	Methoprene	0.01
1	Spinosad	0.05



378 Invasive Aedes

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
127	Bti	1.22
Applications	FORMULATION: LIQUID	Acreage
1	(AE) surfactant	0.00
128	Barrier	1.23
1	Bti	0.00
120	Fogging	49.74



2,548 Residential

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
233	Bs	0.45
268	Bs/Bti	0.89
134	Bti	4.47
260	Methoprene	0.79
732	Spinosad	3.41
Applications	FORMULATION: LIQUID	Acreage
143	(AE) surfactant	1.12
325	Bti	13.59
21	Fogging	0.08
105	Methoprene	0.86
327	Spinosad	6.25



18 Salton Sea Marshes

APPLICATIONS

Applications	FORMULATION: DRY	Acreage
5	Bs/Bti	14.60
3	Bti	8.25
7	Spinosad	13.98
Applications	FORMULATION: LIQUID	Acreage
3	Spinosad	0.28

(AE) surfactant - reduces surface tension of water making it difficult for mosquito larvae and pupae to attach and causes them to drown

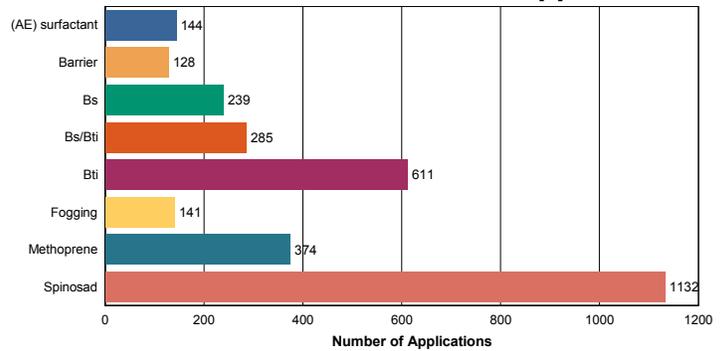
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Spinosad - a naturally-occurring soil-dwelling bacterium, *Saccharopolyspora spinosa*

Product Applications



Product Breakdown

		Total		
		Count	Acreage	Cost
FORMULATION: DRY	Total	1,840	144.60	\$14,826.26
	Bs	239	0.46	\$751.74
	Bs/Bti	285	21.43	\$1,945.00
	Bti	276	20.88	\$486.90
	Methoprene	266	0.94	\$560.04
	Spinosad	774	100.89	\$11,082.58
FORMULATION: LIQUID	Total	1,214	87.45	\$10,630.86
	(AE) surfactant	144	1.12	\$44.39
	Barrier	128	1.23	\$10,132.08
	Bti	335	19.92	\$180.41
	Fogging	141	49.82	\$48.71
	Methoprene	108	1.08	\$8.34
	Spinosad	358	14.29	\$216.93

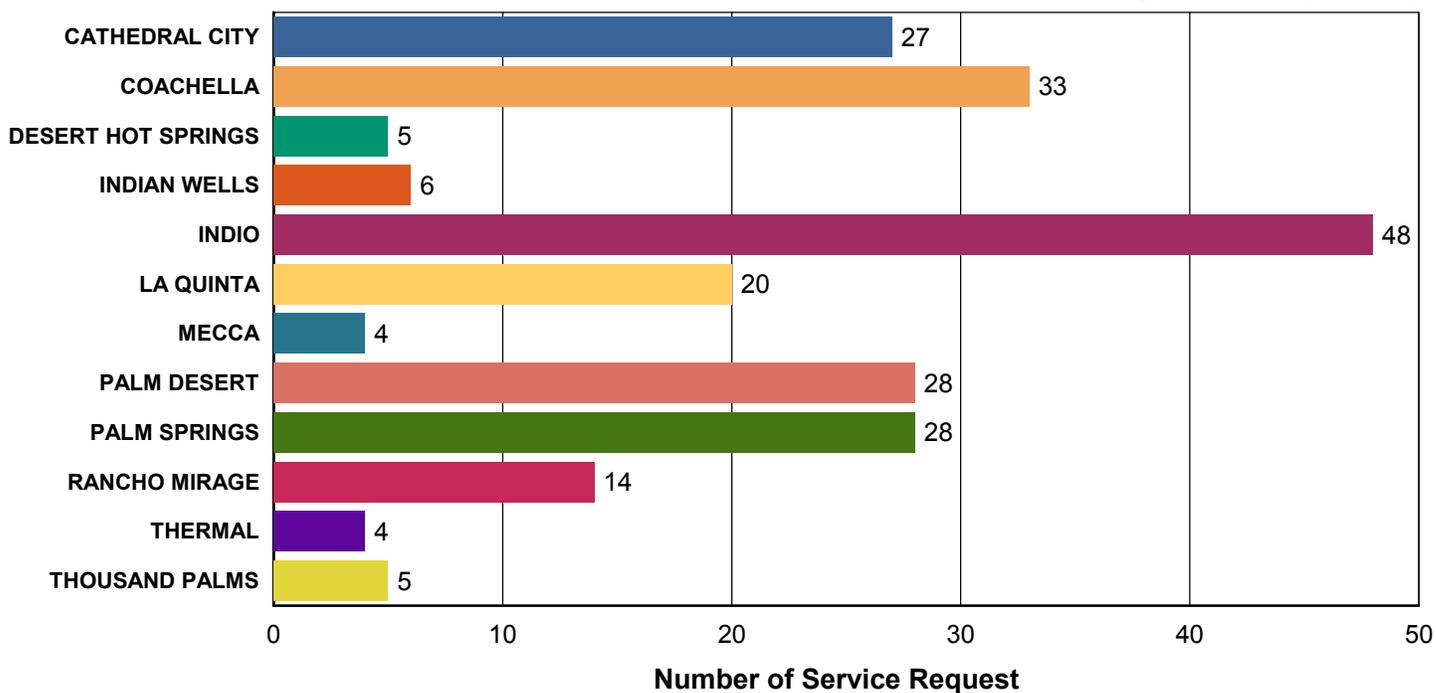
Operations

3/1/2019 to 3/31/2019 Report

Service Request Types

	TOTAL	STANDING WATER	NEGLECTED POOL	FLY/EYE GNATS	MOSQUITO	AEDES SCH	BEEES	RIFA	OTHER
TOTAL	222	19	18	1	18	61	4	100	1
CATHEDRAL CITY	27	4	4	0	1	7	1	10	0
COACHELLA	33	1	0	0	3	29	0	0	0
DESERT HOT SPRINGS	5	2	1	0	0	1	0	1	0
INDIAN WELLS	6	0	0	0	0	1	0	5	0
INDIO	48	2	2	0	1	14	2	27	0
LA QUINTA	20	0	2	0	1	1	0	16	0
MECCA	4	2	0	1	0	1	0	0	0
PALM DESERT	28	1	3	0	4	3	1	16	0
PALM SPRINGS	28	4	4	0	6	3	0	11	0
RANCHO MIRAGE	14	0	0	0	2	0	0	11	1
THERMAL	4	2	0	0	0	1	0	1	0
THOUSAND PALMS	5	1	2	0	0	0	0	2	0

Service Request by City



Operations

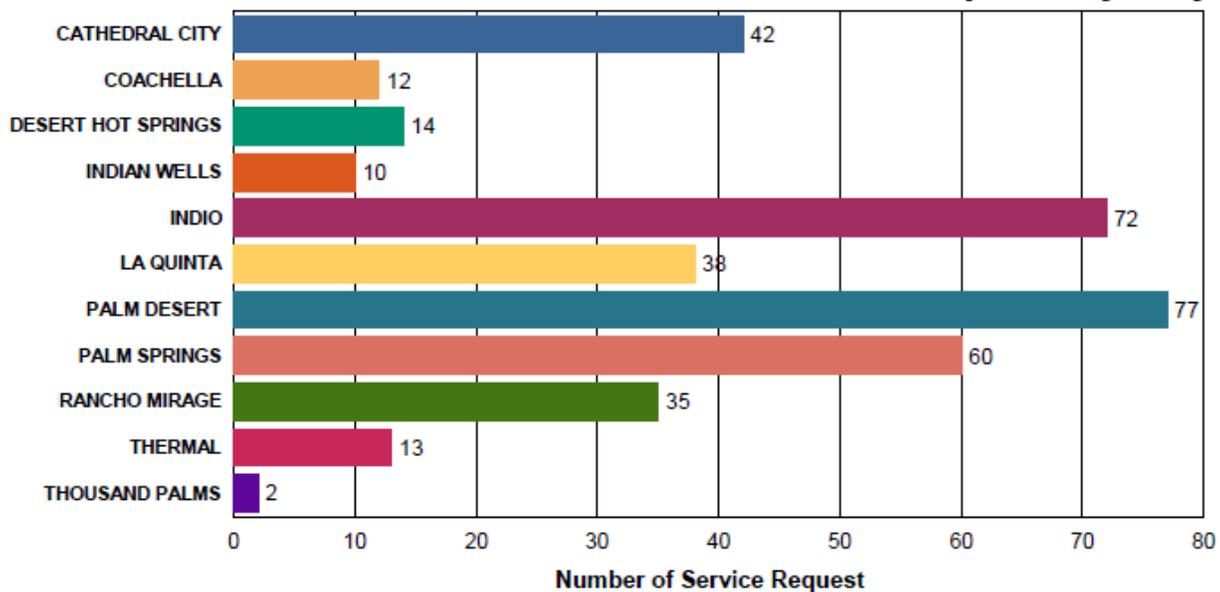
Service Request

4/1/2019 to 4/30/2019 Report

Service Request Types

	TOTAL	STANDING WATER	NEGLECTED POOL	FLY/EYE GNATS	MOSQUITO	RODENTS	AEDES SCH	BEEES	RIFA	OTHER
TOTAL	375	10	31	22	74	2	83	12	139	2
CATHEDRAL CITY	42	3	1	3	6	1	9	3	15	1
COACHELLA	12	0	0	1	1	0	7	1	2	0
DESERT HOT SPRINGS	14	1	2	3	5	1	1	0	1	0
INDIAN WELLS	10	0	0	0	2	0	0	0	8	0
INDIO	72	1	5	4	8	0	18	0	35	1
LA QUINTA	38	2	6	1	8	0	4	1	16	0
PALM DESERT	77	1	5	3	14	0	24	1	29	0
PALM SPRINGS	60	2	8	0	19	0	17	4	10	0
RANCHO MIRAGE	35	0	4	2	7	0	3	2	17	0
THERMAL	13	0	0	5	4	0	0	0	4	0
THOUSAND PALMS	2	0	0	0	0	0	0	0	2	0

Service Request by City



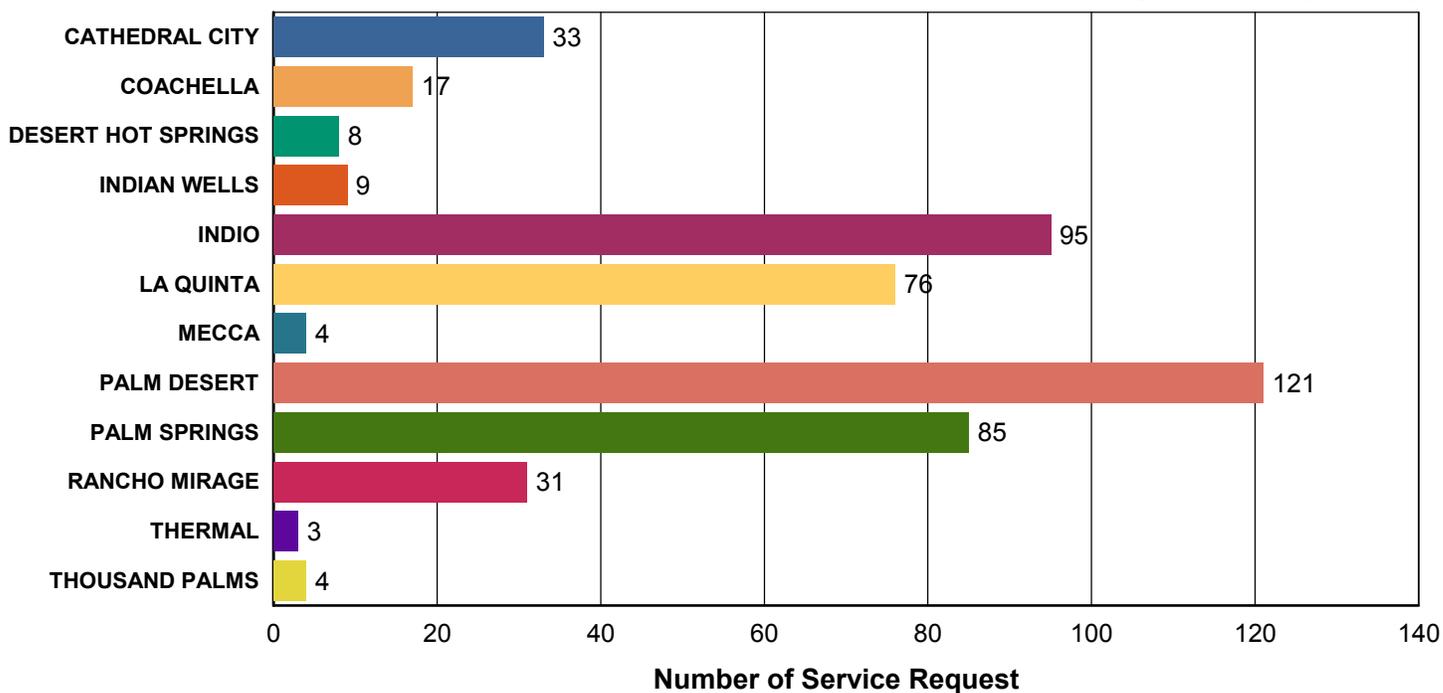
Operations

5/1/2019 to 5/31/2019 Report

Service Request Types

	TOTAL	STANDING WATER	NEGLECTED POOL	FLY/EYE GNATS	MOSQUITO	RODENTS	AEDES SCH	BEEES	RIFA
TOTAL	486	36	34	10	53	5	171	5	172
CATHEDRAL CITY	33	3	4	0	2	0	12	0	12
COACHELLA	17	0	0	1	1	0	13	1	1
DESERT HOT SPRINGS	8	3	1	1	2	0	0	0	1
INDIAN WELLS	9	0	2	0	0	1	0	0	6
INDIO	95	9	4	1	10	0	32	1	38
LA QUINTA	76	6	4	3	9	1	13	2	38
MECCA	4	2	0	1	0	0	1	0	0
PALM DESERT	121	6	6	2	12	3	53	1	38
PALM SPRINGS	85	5	11	0	9	0	44	0	16
RANCHO MIRAGE	31	0	1	1	6	0	3	0	20
THERMAL	3	0	0	0	2	0	0	0	1
THOUSAND PALMS	4	2	1	0	0	0	0	0	1

Service Request by City



Operations

3/1/2019 to 3/31/2019 Report



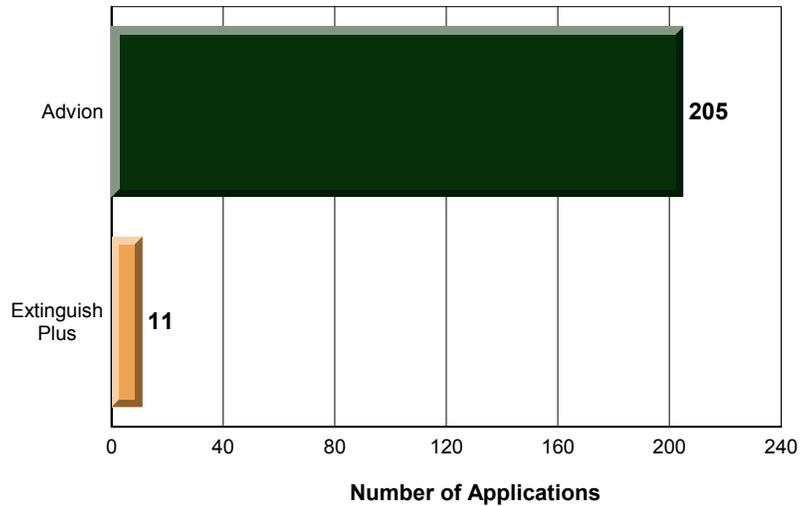
Scientific classification

Kingdom: Animalia
 Phylum: Arthropoda
 Class: Insecta
 Order: Hymenoptera
 Family: Formicidae
 Genus: *Solenopsis*
 Species: *invicta*

Binomial name

Solenopsis invicta
 (Buren, 1972)

Product Applications



Product Breakdown

		Advion	Extinguish Plus
Total	Acreage	703.01	899.06
	Amount (lbs.)	1,054.37	1,348.62
	Cost	\$9,974.29	\$8,685.11



88 Country Club

APPLICATIONS

395.19 ACRES TREATED
 87 BROADCAST TREATMENTS
 1 SPOT TREATMENTS



11 Golf Course

APPLICATIONS

899.06 ACRES TREATED
 11 BROADCAST TREATMENTS



68 Homeowner

APPLICATIONS

14.22 ACRES TREATED
 68 BROADCAST TREATMENTS



46 Park

APPLICATIONS

292.79 ACRES TREATED
 46 BROADCAST TREATMENTS



3 School

APPLICATIONS

35,340.23 SQFT TREATED
 3 BROADCAST TREATMENTS

ADVION® fire ant bait may be used to control imported fire ants, bigheaded ants* and pavement ants* in noncrop/nongrazed areas such as residential lawns, golf courses, recreational areas, industrial sites and other similar areas where imported fire ants, bigheaded ants and pavement ants are found. Rainfall or irrigation within 2 to 3 hours after application may reduce the effectiveness of ADVION® fire ant bait and a repeat application within 7 days may be necessary to achieve the desired level of control.

EXTINGUISH® PLUS is highly attractive to imported and native fire ants and other ants. Worker ants carry the bait into the mound as food for the colony. The ants will then begin feeding the bait to the rest of the colony. They eat it and feed it to the queen. EXTINGUISH® PLUS is a unique product containing a slow acting insecticide and an Insect Growth Regulator (IGR). This two-way action ensures complete control of fire ants. The IGR prevents rebound of the colony, while the insecticide insures rapid demise of the colony. EXTINGUISH® PLUS will start to kill ants after they feed on the bait. The colony will begin to decline in about a week, after the bait has been brought back to the mound. The mound is destroyed when the queen dies.

Operations

4/1/2019 to 4/30/2019 Report



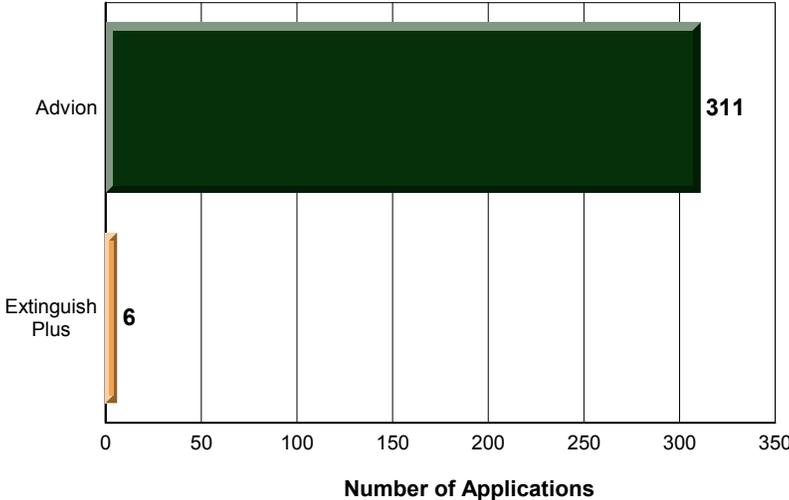
Scientific classification

Kingdom: Animalia
 Phylum: Arthropoda
 Class: Insecta
 Order: Hymenoptera
 Family: Formicidae
 Genus: *Solenopsis*
 Species: *invicta*

Binomial name

Solenopsis invicta
 (Buren, 1972)

Product Applications



Product Breakdown

		Advion	Extinguish Plus
Total	Acreage	1054.08	429.26
	Amount (lbs.)	1,581.21	643.90
	Cost	\$14,958.28	\$4,146.68



72 Country Club

APPLICATIONS

324.95 ACRES TREATED
 70 BROADCAST TREATMENTS
 2 SPOT TREATMENTS



6 Golf Course

APPLICATIONS

429.26 ACRES TREATED
 6 BROADCAST TREATMENTS



115 Homeowner

APPLICATIONS

34.67 ACRES TREATED
 113 BROADCAST TREATMENTS
 2 SPOT TREATMENTS



43 Park

APPLICATIONS

144.40 ACRES TREATED
 42 BROADCAST TREATMENTS
 1 SPOT TREATMENTS



81 School

APPLICATIONS

550.06 ACRES TREATED
 81 BROADCAST TREATMENTS

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Operations

5/1/2019 to 5/31/2019 Report



Scientific classification

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 Class: Insecta
 Order: Hymenoptera
 Family: Formicidae
 Genus: *Solenopsis*
 Species: *invicta*

Binomial name

Solenopsis invicta
 (Buren, 1972)



80 Country Club

APPLICATIONS
 693.46 ACRES TREATED
 80 BROADCAST TREATMENTS



11 Golf Course

APPLICATIONS
 1,084.70 ACRES TREATED
 11 BROADCAST TREATMENTS



137 Homeowner

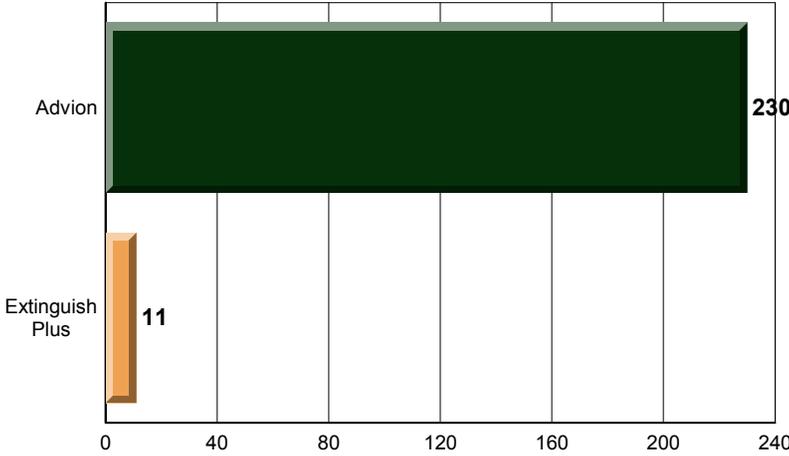
APPLICATIONS
 21.25 ACRES TREATED
 137 BROADCAST TREATMENTS



13 Park

APPLICATIONS
 20.24 ACRES TREATED
 13 BROADCAST TREATMENTS

Product Applications



Number of Applications

Product Breakdown

		Advion	Extinguish Plus
Total	Acreage	734.95	1084.70
	Amount (lbs.)	913.96	1,627.22
	Cost	\$8,646.03	\$10,479.30

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Public Outreach Department

The Public Outreach department spent much of May carrying out West Nile virus and control application notifications in areas with virus activity, including 10 news releases in April and May, city and community council presentations and outreach to HOAs, mobile home parks, schools, churches, community centers, golf courses, parks, and hospitals. In addition, we took part in planned events:

- **March**

- **“Read Across America” at Hoover Elementary School in Indio:** Administrative Finance Manager, *David l’Anson*, Human Resources Manager *Anita Jones*, and Human Resources Specialist *Crystal Moreno* read books about mosquito to 225 K-2 students.
- **Backyard standing water display at Four Seasons Community in Palm Springs:** Public Information Manager *Jill Oviatt* and Vector Control Technician II *Linda Petersen* facilitated the mosquito prevention activity. A video of the presentation was sent to 800 residents.
- **Ronald McDonald House Walk for Kids in La Quinta:** *Jill*, Public Outreach Administrative Clerk *Diana Reyes*, and Vector Control Technician *Marco Medel* hosted an information booth, educating and passing out mosquito awareness materials to about 100 people.
- **Tribal Integrated Pest Management Workshop in Coachella:** Laboratory Manager *Jennifer Henke* presented to 30 people, introduced the group to mosquito identification, and *Jill* put on a backyard sources display activity part of the workshop.
- **Thunderbird Classic Club of Palm Springs:** General Manager *Jeremy Wittie* presented and led a District tour of 16 club members headed by former Board trustee Nick Nigosian.

- **April**

- **MVCAC’s Legislative Day in Sacramento:** Board Trustee *Sergio Espericueta*, *Jeremy*, and *Jill* met with nine legislators and their staff regarding mosquito-control related bills.
- **Cathedral City High School job shadow:** Four students shadowed District staff from multiple departments for the day to learn how we use science to carry out the District mission.
- **Girl Scout troop at Sacred Heart School in Palm Desert:** *Jill* and *Diana* helped 15 troopers earn a Girl Scout bug badge and a District mosquito control patrol patch.
- **Mosquito Awareness Week (April 21-27):** New Public Information Officer *Tammy Gordon*, *Jill*, Administrative Clerks *Diana* and *Erica Frost*, and Vector Control Technician I *Fernando Gutierrez* took part in booths at Kidapalooza in Cathedral City and La Quinta’s Birthday party in the park; presentations at community and senior centers in Coachella, Indio, La Quinta, Mecca, Palm Desert, and Palm Springs; and distributed information materials to city halls, libraries, and community, senior, wellness, and youth centers reaching thousands of valley residents.
- **Cathedral City High School tour:** We hosted a District tour for 70 9th graders.



- **May**

- **Cesar Chavez Elementary School presentation:** *Tammy* and *Diana* gave an interactive mosquito awareness presentation to about 20 kindergarteners.
- **Cal State University, San Bernardino, Palm Desert Environmental and Sustainability Expo:** *Tammy* and Biologist *Chris Cavanaugh* hosted a booth, interacting with 250 students.
- **Cathedral City High School Health Fair:** As part of a community service project, *Tammy* trained 60 students to raise awareness about mosquitoes, reaching 250 people at the fair.
- **Farmer Appreciation Day in Mecca:** Vector Control Technician II *Salvador Becerra* and *Erica* gave a mosquito prevention and protection talk, distributing materials to 150 people.

	Coachella Valley Mosquito and Vector Control District Staff Report	June 11, 2019
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Agenda Item: Consent Calendar
Approval for purchase of additional adult mosquito control product in an amount not to exceed \$103,000.00 from Fund# 7800.01.500.028 – **Jeremy Wittie, MS, General Manager**

Background:
The Operations Department is responsible of controlling disease transmitting vectors and mosquitoes throughout the District using a prescribed set of environmentally-friendly products. The budget for FY2018-19 was passed authorizing the amount of vector control products projected for use throughout the fiscal year. The projection for some of the products fell short of lasting the season due to enhanced operations activities in response to current detected arbovirus activity and there is a need to purchase additional products.

The products to be purchased are as follows:

Product	Quantity	Cost Per	Total
DeltaAGard ULV	10 x 30 gal drum	\$187.56 per gal	\$56,268.00
Evergreen 5-25 Ground	4 x 55 gal drum	\$173.27 per gal	\$38,119.40
BVA 13 ULV Diluent Oil	2 x 55 gal drum	\$10.63 per gal	\$1,169.30
		Tax	\$8,361.26
		Total	\$102,748.00

Staff Recommendation:
Staff recommends approval of purchasing additional adult mosquito control products in an amount not to exceed \$103,000.

Fiscal Impact:

FY2018-19 Budget GL # 7800.01.500.028	Current Available Funds	Proposed Expense Fiscal Year 2018/19	Remaining Available Funds
\$770,500.00	\$237,185	\$102,748	\$134,437

SECTION

11



OLD BUSINESS

	<p>Coachella Valley Mosquito and Vector Control District</p> <p>Staff Report</p>	<p>June 11, 2019</p>
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Agenda Item: Old Business
Approval to enter into an agreement with Onyx Paving in an amount not to exceed \$494,000 for completion of the District's Thermal facility asphalt paving and landscaping improvements – **Jeremy Wittie, MS, General Manager**

Background:
On April 9, 2019 a Request for Proposals (2019-04) was issued to retain the services of a construction firm to implement rehabilitation of existing asphalt paving according to the requirements of the covenant; to extend the asphalt capping to the north east unpaved area of the property and to removing existing trees, shrubs and lawn, replacing with pavers, artificial grass and/ or asphalt covering all exposed earth.

On May 31, 2019 three proposals were opened:

- Onyx Paving - \$494,000
- Aten Construction - \$505,500
- All American Paving - \$529,399

Onyx Paving conformed to all the RFP requirements/specifications and is the lowest responsible bid. Reference checks were conducted and they were all favorable.

Staff Recommendation:
Staff recommends approval to contract with the lowest responsible bidder, Onyx Paving for completion of the District's Thermal facility asphalt paving and landscaping improvements in an amount not to exceed \$494,000.

Fiscal Impact:			
FY2019-20 Budget Thermal Facility Remediation Fund	Current Available Funds	Proposed Expense Fiscal Year 2019/20	Remaining Available Funds
518,052	518,052	494,000	24,052

SECTION

12



NEW BUSINESS

	<p>Coachella Valley Mosquito and Vector Control District</p> <p>Staff Report</p>	<p>June 11, 2019</p>
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Agenda Item: New Business
 Discussion and/or approval of Resolution 2019-06 Adopting FY 2019-20 Budget – David l’Anson, Administrative Finance Manager

Background:
 The District’s budget is split into Operating Budget, Facility Capital Improvement Budget, Thermal Facility Remediation Fund, Capital Replacement Budget, and Equipment Budget. The following is a brief summary:

Long term liabilities - Operating Surplus from FY2018-19 Budget used to pay Lump Sum for CalPERS unfunded liability

- CalPERS Pension unfunded liability –pay a lump \$600,000 & shorten amortization period for long term savings in interest payment
- CalPERS Retiree healthcare liability – continue to pay the optional prefunding of healthcare for retirees from Operating Budget

Revenue overall increase 4 %:

- Property tax revenue to increase 3%, a conservative estimate based on assessors valuation and previous year’s revenues.
- Benefit Assessment rates increase \$0.99 per Single Family Equivalent (SFE) to \$13.48 per SFE, revenue per Engineers Report estimated to be \$2,147,755

Expenditure Payroll - FY2019-20 12.9% increase over 2018-19 Estimated Actual.

- FY2019-20 Budget includes an extra position of Accounting Technician I budgeted at 0.8 FTE & includes budgeted positions that were not filled full fiscal year 2018-19
- 2 percent COLA for all staff – Per District MOU
- CalPERS Employer Rate increase from 8.099% to 8.563% (Classic)
- \$600,000 Lump Sum Payment CalPERS Pension unfunded liability

Operating Budget Revenue:

Revenue for Fiscal Year (FY) 2019/20 is forecast to ***rise by 4.1 percent***

REVENUE	ADOPTED BUDGET 2018-2019	ESTIMATED ACTUAL 6/30/2019	% DIFFERENCE	PROPOSED BUDGET 2019-2020	% DIFFERENCE
PROPERTY TAXES CURRENT	8,284,857	8,309,680	0.3%	8,561,446	3.0%
PROPERTY TAXES PRIOR	38,562	35,143	-8.9%	36,197	3.0%
INTEREST INCOME	100,000	194,884	94.9%	200,000	2.6%
MISCELLANEOUS	63,000	63,000	0%	63,000	0%
BENEFIT ASSESSMENT	1,996,366	1,960,119	-1.8%	2,147,755	8.7%

TOTAL	\$10,482,785	\$10,562,826	0.76%	\$11,008,398	4.1%
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Operating Budget Expenditure:

Overall Operating Expenditure for FY 2019/20 is forecast to ***rise 14.1 percent***

EXPENDITURE	ADOPTED BUDGET 2017-2018	ESTIMATED ACTUAL 6/30/2019	% DIFFERENCE	PROPOSED BUDGET 2019-2020	% DIFFERENCE
PAYROLL	7,394,104	7,190,806	-2.8%	8,259,347	12.9%
ADMINISTRATIVE	662,535	706,713	6.7%	770,704	8.3%
UTILITY	116,000	112,465	-3.1%	116,000	3.1%
OPERATING	1,827,532	1,475,007	-19.3%	1,958,800	24.7%
CONTRIBUTION TO CAPITAL RESERVES	482,614	482,614	0.0%	503,547	4.1%
TOTAL EXPENSES & TRANSFERS	\$10,482,785	\$9,967,605	-4.9%	\$11,608,398	14.1%

The **Thermal Facility Remediation Fund Reserve** includes rental revenue of \$17,119 and a fund transfer from the General Fund of \$44,750. The Thermal Budget includes remediation work; \$524,000 has been set aside for this. Ending fund balance for Thermal Facility Remediation Fund Reserve is estimated to be \$58,921

Capital Equipment Replacement Fund Reserve Budget totals \$467,055 which includes replacement of 6 vehicles. These items are all funded from the accumulated reserves and transfer from Operating Budget.

FY2019-20 Capital Facility Replacement Fund Reserve Budget includes capital expenses for areas, General Common Area, Building Interiors, Building Exteriors and Mechanical totaling \$296,500.

Staff Recommendation:

Approval of Resolution 2019-06, adopting FY 2019-20 Budget.

Attachments: Resolution 2019-06 and FY 2019-20 Budget.

RESOLUTION NO. 2019-06

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
COACHELLA VALLEY MOSQUITO AND VECTOR
CONTROL DISTRICT ADOPTING THE
FISCAL YEAR 2019-20 BUDGET**

WHEREAS, the Coachella Valley Mosquito and Vector Control District (“District”) is a political subdivision and a “local agency” of the State of California, created and operating under the authority and provisions of California Health and Safety Code Section 2000 et. seq., and

WHEREAS, the District’s Board of Trustees (“Board”) has been granted the statutory authority and responsibility to administer the financial affairs of the District; and

WHEREAS, California Health and Safety Code section 2070(a) provides that on or before August 1 of each year, the Board shall adopt a final budget, which shall conform to the accounting and budgeting procedures for special districts contained in Subchapter 3 (commencing with Section 1031.1) and Article 1 (commencing with Section 1121) of Subchapter 4 of Division 2 of Title 2 of the California Code of Regulations; and

WHEREAS, the Board reviewed the Fiscal Year 2019-2020 Budget for the District (“Fiscal Year 2019-2020 Budget”), attached hereto as Exhibit A and incorporated herein by this reference, and determined that said budget conforms to all applicable regulations;

WHEREAS, the Board desires to adopt the Fiscal Year 2019-2020 Budget.

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

Section 1. Recitals.

That the recitals set forth above are true and correct.

Section 2. Adoption of Budget.

The Board hereby adopts the Fiscal Year 2019-2020 Budget, which shall be made available for public inspection in the District Administration office.

Section 3. Transmit to County.

That pursuant to California Health and Safety Code Section 2070(b), the Board hereby directs the District Manager to cause a copy of the Fiscal Year 2019-2020 Budget to be transmitted to the Riverside County Auditor-Controller's Office.

Section 4. Severability.

The Board declares that, should any provision, section, paragraph, sentence or word of this Resolution be rendered or declared invalid by any final court action in a court of competent jurisdiction or by reason of any preemptive legislation, the remaining provisions, sections, paragraphs, sentences or words of this Resolution as hereby adopted shall remain in full force and effect.

Section 5. Repeal of Conflicting Provisions.

That all the provisions heretofore adopted by the Board that are in conflict with the provisions of this Resolution are hereby repealed.

Section 6. Effective Date.

This Resolution shall take effect immediately upon its adoption.

Section 7. Certification.

The Clerk of the Board shall certify to the adoption of this Resolution and shall cause the same to be processed in the manner required by law.

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PASSED, ADOPTED AND APPROVED, this 11th day of June, 2019.

Doug Hassett, President
Board of Trustees

ATTEST:

Graciela Morales, Clerk of the Board

APPROVED AS TO FORM:

Lena D. Wade, General Counsel

REVIEWED:

Jeremy Wittie, M.S., General Manager

EXHIBIT "A"

**COACHELLA VALLEY MOSQUITO AND
VECTOR CONTROL DISTRICT
FISCAL YEAR 2019-20 BUDGET**

**Coachella Valley Mosquito and Vector Control District
GENERAL OPERATING BUDGET**

	<u>Proposed Budget 2019-2020</u>	<u>Adopted Budget 2018-2019</u>	<u>Estimated Actual 2018-2019</u>	<u>Actual 2017-2018</u>
Beginning Spendable Fund Balance	10,076,494	11,981,018	11,981,018	11,189,136
REVENUES				
Property Taxes Current	8,561,446	8,284,857	8,309,680	8,012,581
Property Taxes Prior	36,197	38,562	35,143	35,143
Interest Income	200,000	100,000	194,884	140,525
Miscellaneous Revenue	63,000	63,000	63,000	61,555
*Benefit Assessment Income	2,147,755	1,996,366	1,960,119	1,628,823
TOTAL REVENUES	11,008,398	10,482,785	10,562,825	9,878,627
EXPENSES				
Payroll Expense				
5101 Payroll - Full Time	4,848,777	4,686,031	4,566,727	4,413,610
5102 Payroll - Seasonal	205,140	208,460	206,779	193,918
5103 Temporary Services	6,900	6,900	6,900	6,900
5105 Overtime Expenses	18,700	41,700	22,000	18,357
5150 CalPERS Employer Payment of Unfunded	757,735	132,568	132,568	103,257
5150 CalPERS State Retirement Expense	463,285	433,891	376,021	453,167
5155 Social Security Expense	304,643	302,827	283,774	287,518
5165 Medicare Expense	71,247	70,822	67,504	68,270
5170 Cafeteria Plan Expense	1,093,203	1,031,051	1,057,175	1,007,960
5172 Retiree Healthcare	352,420	342,420	342,420	209,992
5180 Deferred Compensation	105,231	101,029	92,152	89,225
5195 Unemployment Insurance	32,065	36,405	36,405	34,657
Total Payroll Expense	8,259,347	7,394,104	7,190,424	6,886,832
Administrative Expense				
5250 Tuition Reimbursement	15,000	15,000	12,011	8,044
5300 Employee Incentive	10,000	6,000	4,839	5,349
5301 Employee Support	3,500	4,000	2,797	3,872
5302 Wellness	600	600	-	
5305 Employee Assistance Program	3,500	3,200	3,147	3,148
6000 Property & Liability Insurance	140,911	139,895	138,478	121,448
Retrospective Adjustment	(26,000)	(60,000)	(26,116)	(89,278)
Sub Total	114,911			
6001 Workers' Compensation Insurance	225,303	215,730	215,376	252,194
Retrospective Adjustment	(45,000)	(130,000)	(92,524)	(132,558)
Sub Total	180,303			
6050 Dues & Memberships	28,500	25,480	24,876	23,573
6060 Public Outreach Materials	26,750	21,750	21,000	8,469
6065 Recruitment/Advertising	7,000	6,500	8,132	5,164
6070 Office Supplies	19,200	14,980	19,237	13,859
6075 Postage	5,500	8,500	2,588	6,235
6080 Computer & Network Systems	5,000	5,000	4,900	4,998
6085 Bank Service Charges	120	200	70	231
6090 Local Agency Formation Commission	1,200	1,200	1,129	1,184
6095 Professional Fees				
Administration	5,000	-	1,800	22,877
Information Systems	6,500	3,500	2,277	568
Public Outreach	5,000		-	
Finance	36,000	43,000	36,073	49,713
Human Resources	-	6,500	2,277	

**Coachella Valley Mosquito and Vector Control District
GENERAL OPERATING BUDGET**

	Proposed Budget 2019-2020	Adopted Budget 2018-2019	Estimated Actual 2018-2019	Actual 2017-2018
6100 Attorney Fees - General Counsel	48,000	50,000	35,249	42,247
6100 Attorney Fees - Labor Relations	-	5,000	-	37,385
6100 Attorney Fees - Personnel	-	35,000	76,723	31,414
6105 Legal Services - Abatement	1,000	1,000	-	
6106 HR Risk Management	4,500	4,500	4,500	4,500
6110 Conference Expense				
MVCAC Committee Assignments	14,400	12,200	3,557	10,502
Annual Conference Expense	22,100	18,000	15,216	15,451
Trustee Travel	17,000	18,600	11,888	12,487
6115 Trustee In-Lieu Expense	13,200	13,200	12,300	12,800
6120 Trustee Support Expense	4,800	4,000	4,649	4,209
6200 Meetings Expense	4,620	2,000	2,075	2,201
6210 Promotion & Education	26,500	26,000	21,000	21,072
6220 Public Outreach Advertising	45,000	46,000	42,000	38,991
6500 *Benefit Assessment Expense	96,000	96,000	95,189	95,761
Total Administrative Expense	770,704	662,535	706,713	638,109
Utility Expense				
6400 Utilities	105,000	105,000	92,105	93,278
6410 Telecommunications	11,000	11,000	20,360	7,970
Total Utility Expense	116,000	116,000	112,465	101,248
Operating Expense				
7000 Uniform Expense	30,500	26,650	28,875	28,687
7050 Safety Expense	25,000	23,350	15,921	19,688
7100 Physician Fees	5,000	4,000	4,073	5,110
7150 IT Communications	40,000	40,000	31,948	37,108
7200 Maintenance Supplies	4,000	4,000	2,717	3,011
7300 Building & Grounds Maintenance	42,000	42,000	27,283	35,591
7310 Calibration & Certification of Equipment	7,800	6,000	6,095	4,996
7350 Permits, Licenses & Fees	21,750	10,850	5,076	4,946
7400 Vehicle Maintenance & Repair	39,600	32,000	28,323	26,117
7420 Offsite Vehicle Maintenance & Repair	17,000	12,500	13,728	11,277
7450 Equipment Parts & Supplies	15,500	16,500	11,601	17,685
7500 Small Tools Expense	1,700	1,700	1,657	1,106
7550 Lab Operating Supplies	36,500	30,500	26,303	24,583
7570 Green Pool Surveillance	25,000	25,000	25,000	17,496
7575 Surveillance	52,000	45,500	38,608	35,488
7600 Staff Training				
State Certified Technician Fees	6,000	6,000	6,625	6,470
State Required CEU	6,500	1,650		4,441
Professional Development	74,750	64,350	63,857	33,858
7650 Equipment Rentals	1,000	1,000	720	288
7675 Contract Services				
Administration	7,300	7,000	9,213	9,647
Information Systems	58,000	53,000	21,987	43,937
Fleet	17,000	18,000	7,083	14,258
Facilities	65,000	45,732	68,045	67,196
Operations	5,500	5,500	5,121	4,776
Abatement	2,000	2,000	-	
7700 Motor Fuel & Oils	80,200	73,200	77,815	82,989
7750 Ops Operating Supplies	9,400	9,400	7,436	5,048

**Coachella Valley Mosquito and Vector Control District
GENERAL OPERATING BUDGET**

	Proposed Budget 2019-2020	Adopted Budget 2018-2019	Estimated Actual 2018-2019	Actual 2017-2018
7800 Control	-	-		
Chemical Control	770,500	770,500	716,079	632,058
Physical Control	14,500	14,500	-	500
7850 Aerial Applications	-	-		
Rural	92,500	82,500	79,467	52,425
Urban	32,000	32,000	19,200	41,465
8415 Operating Equipment	53,300	20,650	11,952	26,414
8487 Furniture & Equipment	-	-		1,245
8510 Research Projects	150,000	150,000	85,917	120,000
9000 Contingency Expense	150,000	150,000	-	
Total Operating Expense	1,958,800	1,827,532	1,475,007	1,419,902
 TOTAL EXPENSES	 11,104,851	 10,000,176	 9,484,610	 9,046,092
 Contribution to Capital Reserves				
8900 Thermal Remediation Reserve	44,750	44,750	44,750	44,750
8900 Capital Facility Replacement Reserve	299,900	299,900	299,900	
8900 Capital Vehicle Replacement Reserve	123,105	102,172	102,172	79,992
8900 Capital Equipment IT Replacement Reser	35,792	35,792	35,792	67,792
Total Contribution to Capital Reserves	503,547	482,614	482,614	192,534
 TOTAL EXPENSES & TRANSFERS	 11,608,398	 10,482,785	 9,967,224	 9,238,626
 Operating Revenue Less Expenses, Transfers	 (600,000)	 0	 595,601	 640,001
 TOTAL GENERAL FUND EXPENSES	 11,608,398	 10,482,785	 9,967,224	 9,238,626
 TRANSFER (TO)/FROM RESERVES				
Capital Equipment Replacement Fund		(1,000,125)	(1,000,125)	
Capital Facility Replacement Fund		(1,500,000)	(1,500,000)	
TOTAL FUND TRANSFERS				
 Ending Spendable Fund Balance	 9,476,494	 9,480,893	 10,076,494	 11,829,137

**Coachella Valley Mosquito and Vector Control District
THERMAL FACILITY REMEDIATION FUND RESERVE**

	Proposed Budget 2019-2020	Adopted Budget 2018-2019	Estimated Actual 2018-2019	Actual 2017-2018
Beginning Fund Balance	<u>518,052</u>	<u>463,724</u>	<u>485,924</u>	<u>448,087</u>
REVENUE				
Income from Lease	17,119	17,119	17,119	16,783
Interest	3,000	3,000	6,000	5,750
Transfer From General Operating Fund	<u>44,750</u>	<u>44,750</u>	<u>44,750</u>	<u>44,750</u>
TOTAL REVENUE	64,869	64,869	67,869	67,283
EXPENSES				
Professional Fees	30,000	-	30,000	8,978
Maintenance	-	-	5,741	33,035
Capital	<u>494,000</u>	<u>450,000</u>	<u>-</u>	<u>-</u>
TOTAL EXPENSES	524,000	450,000	35,741	42,013
Total Revenue Less Expense	<u><u>(459,131)</u></u>	<u><u>(385,131)</u></u>	<u><u>32,128</u></u>	<u><u>25,270</u></u>
Ending Fund Balance	<u>58,921</u>	<u>78,593</u>	<u>518,052</u>	<u>485,924</u>

**Coachella Valley Mosquito and Vector Control District
CAPITAL EQUIPMENT REPLACEMENT FUND RESERVE BUDGET**

	Proposed Budget 2019-2020	Adopted Budget 2018-2019	Estimated Actual 2018-2019	Actual 2017-2018
Beginning Fund Balance	<u>1,220,711</u>	<u>622,367</u>	<u>605,259</u>	<u>1,235,432</u>
REVENUE				
Transfer from General Fund		1,000,125	1,000,125	-
Interest	24,000	7,000	8,000	7,098
Sale of Assets	18,000	18,000	55,565	60,860
Transfers From Operating Budget IT	35,792	35,792	35,792	45,612
Transfers From Operating Budget - Vehicles	123,105	102,172	102,172	102,172
TOTAL REVENUE	200,897	1,163,089	1,201,654	215,742
EXPENSES				
8415 Capital Outlay - IT	181,525	40,750	40,750	29,510
8415 Capital Outlay - Fleet	285,530	520,000	520,000	530,238
8415 Capital Outlay - Facilities		25,000	12,251	
8415 Capital Outlay - Lab Equipment		5,000	13,201	-
TOTAL EXPENSES	467,055	590,750	586,202	559,748
Total Revenue Less Expense	<u>(266,158)</u>	<u>572,339</u>	<u>615,452</u>	<u>(344,006)</u>
Ending Fund Balance	<u>954,553</u>	<u>1,194,706</u>	<u>1,220,711</u>	<u>605,259</u>

**Coachella Valley Mosquito and Vector Control District
CAPITAL FACILITY REPLACEMENT FUND RESERVE BUDGET**

	Proposed Budget 2019-2020	Adopted Budget 2018-2019	Estimated Actual 2018-2019	Actual 2017-2018
Beginning Fund Balance	<u>1,630,085</u>	<u>-</u>	<u>-</u>	
REVENUE				
Transfer from General Fund	-	1,500,000	1,500,000	
Interest	18,395	8,348	16,762	
Transfers From Operating Budget	299,900	299,900	299,900	
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL REVENUE	318,295	1,808,248	1,816,662	-
CAPITAL EXPENSES				
General Common Area		28,900	111,000	
Building Interiors	200,000	35,000	577	
Building Exteriors	48,000	-		
Mechanical	48,500	74,000	75,000	
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL EXPENSES	296,500	137,900	186,577	-
Total Revenue Less Expense	<u>21,795</u>	<u>1,670,348</u>	<u>1,630,085</u>	<u>-</u>
Ending Fund Balance	<u>1,651,880</u>	<u>1,670,348</u>	<u>1,630,085</u>	



**Coachella Valley Mosquito and
Vector Control District**

June 11, 2019

Staff Report

Agenda Item: New Business

Discussion and/or approval of Resolution 2019-07 intention to levy assessments for fiscal year 2018-19, preliminary approval of engineer's report, and providing for notice of hearing for the CVMVCD mosquito, fire ant, and disease surveillance and vector control assessment – **David I'Anson, Administrative Finance Manager**

Background:

The "Mosquito, Fire Ant and Disease Control Assessment" was authorized by an assessment ballot proceeding conducted in 2005 and approved by 74.19% of the weighted ballots returned by property owners. The assessments were subsequently levied by the Board of Trustees of the Coachella Valley Mosquito and Vector Control District by Resolutions:

RESOLUTION - YEAR	\$\$
No. 2005-04 passed on July 26, 2005	16.00
No. 2006-04 passed on June 13, 2006	16.48
No. 2007-09 passed on June 12, 2007	16.48
No. 2008-11 passed on July 8, 2008	10.55
No. 2009-11 passed on July 14, 2009	9.14
No. 2010-16 passed on July 13, 2010	6.14
No. 2011-19 passed on July 12, 2011	3.07
No. 2012-12 passed on July 10, 2012	3.07
No. 2013-11 passed on July 9, 2013	6.07
No. 2014-11 passed on July 8, 2014	6.07
No. 2015-09 passed on July 14, 2015	6.07
No. 2016-17 passed on July 12, 2016	9.15

No. 2017-10 passed on July 11, 2017	10.21
No. 2018-12 passed on July 10, 2018	12.49

This Resolution provides for the Assessment for the fiscal year 2019-20 as determined by the engineering firm, and provides for notice of a ***public hearing on July 9, 2019.***

- *The rate provided by the Engineer's Report is preliminary*
- ***The Board of Trustees at this meeting will determine the Benefit Assessment rate.***
- *The current levy rate is at \$12.49 per parcel.*

When the Board preliminarily approves the Engineer's Report, ***they are essentially setting the rate for the coming fiscal year as well as setting the date for the public hearing.***

The Board may choose to preliminarily approve the Engineer's Report as is, or they may approve it with changes, for example, approve the Report but with a different rate, and specify any rate from \$0.00 up to the maximum allowable rate of \$22.76.

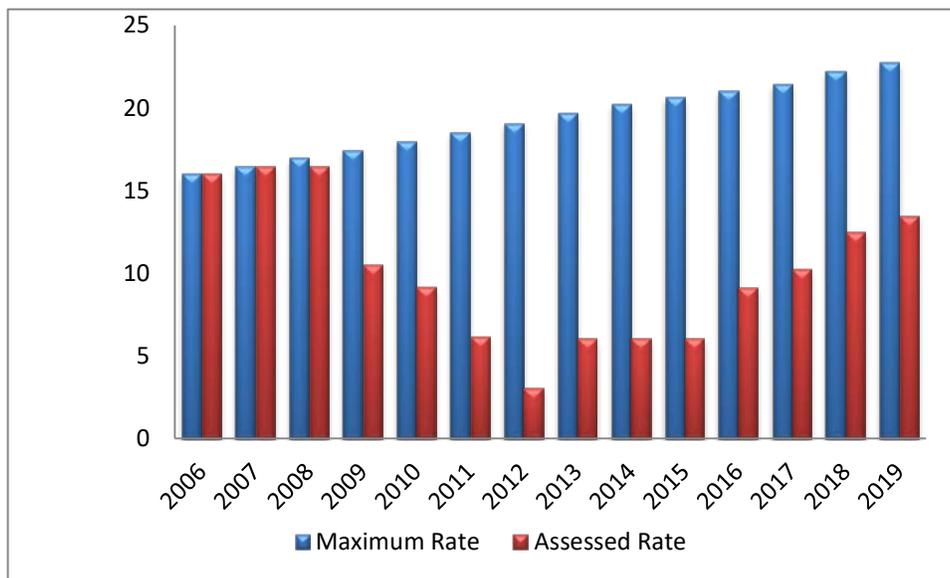


Figure 1Benefit Historical Rate

To balance the Operating budget the Benefit Assessment rate is increased from \$12.49 per SFE to \$13.48 per SFE will generate an increase of revenue of \$157,266.

Staff Recommendation:

1. Proceed with approval of preliminary Engineer’s Report and Resolution 2019-07
2. That the Board of Trustees take whatever action it deems necessary.

Fiscal Impact:

If the rate stays the same at \$12.49 *per parcel*, the Benefit Assessment revenue for FY 2019/20 will be \$1,990,864. *If the rate is increased to \$13.48 to cover the budget deficit the revenue for FY 2019/20 will be \$ 2,148,130.*

Attachments:

- Resolution 2019-07
- Engineer’s Report (Separate Attachment)

RESOLUTION NO. 2019-07

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT**

**A RESOLUTION OF INTENTION TO LEVY ASSESSMENTS FOR FISCAL YEAR 2019-20,
PRELIMINARILY APPROVING ENGINEER'S REPORT,
AND PROVIDING FOR NOTICE OF HEARING
FOR THE COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT
MOSQUITO, FIRE ANT AND DISEASE CONTROL ASSESSMENT**

WHEREAS, the Coachella Valley Mosquito and Vector Control District ("District") was established in 1928 as an independent special district by the Riverside County Board of Supervisors; and

WHEREAS, the mission of the District is to reduce the risk of disease transmission by mosquitoes and other vectors for the residents and visitors of the Coachella Valley; and

WHEREAS, the Coachella Valley Mosquito and Vector Control District is authorized, pursuant to the authority provided in Health and Safety Code Section 2082 and Article XIID of the California Constitution, to levy assessments for mosquito, vector and disease control services; and

WHEREAS, the District provides vector control services which includes a system of public improvements and services intended to provide for the surveillance, prevention, abatement and control of vectors as provided under Proposition 218 ("Services"); and such vector surveillance and control services provide tangible public health benefits, reduced nuisance benefits and other special benefits to the public and properties within the areas of service; and

WHEREAS, an assessment for mosquito, fire ant, vector and disease control projects and services has been given the distinctive designation of the "Mosquito, Fire Ant, and Disease Control Assessment" ("Assessment"), and is primarily described as encompassing the District jurisdictional boundaries, which covers nine incorporated cities along the I-10 Freeway (Cathedral City, Coachella, Desert Hot Springs, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, and Rancho Mirage), and the unincorporated areas in the greater Coachella Valley from the San Bernardino County line to the north to the Imperial and San Diego County lines to the south; and

WHEREAS, the Assessment was authorized by an assessment ballot proceeding conducted in 2005 and approved by 74.19% of the weighted ballots returned by property owners, and such assessments were levied by the Board of Trustees of the Coachella Valley Mosquito and Vector Control District by Resolution No. 2005-04 passed on July 26, 2005;

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

SECTION 1. Willdan Financial Services, the Engineer of Work, has prepared an engineer's report in accordance with Article XIID of the California Constitution and

Section 2082, et seq., of the Health and Safety Code (the "Report"). The Report has been made, filed with the secretary of the board and duly considered by the Board and is hereby deemed sufficient and preliminarily approved. The Report shall stand as the Engineer's Report for all subsequent proceedings under and pursuant to the foregoing resolution.

SECTION 2. It is the intention of this Board to levy and collect assessments for the Mosquito, Fire Ant and Disease Control Assessment for fiscal year 2019-20. Within the Coachella Valley Mosquito and Vector Control District, the proposed projects and services are generally described as mosquito, vector and disease control services such as surveillance, source reduction, identification and elimination of removable breeding locations, identification and treatment of breeding and source locations, application of materials to eliminate larvae, disease surveillance and monitoring, public education, reporting, accountability, research and interagency cooperative activities (the "Services").

SECTION 3. The estimated fiscal year 2019-20 cost of providing the Services is \$2,148,130.41. This cost results in a proposed assessment rate of THIRTEEN DOLLARS AND FORTY-EIGHT CENTS (\$13.48) per single-family equivalent benefit unit for fiscal year 2019-20 after contributions. The Assessments are authorized to include an annual increase equal to the change in the Riverside-San Bernardino-Ontario Area Consumer Price Index ("CPI"), not to exceed 3% (three percent) per year without a further vote or balloting process. The annual CPI change for the Riverside-San Bernardino-Ontario Area from January 2018 to January 2019 is 3.05%. The maximum authorized assessment rate for fiscal year 2019-20 is \$22.76 per single family equivalent benefit unit. The assessment rate proposed to be levied for fiscal year 2019-20 is less than the maximum authorized rate.

SECTION 4. Notice is hereby given that on July 9, 2019, at the hour of six o'clock (6:00) p.m. at the meeting chamber of the Coachella Valley Mosquito and Vector Control District headquarters located at 43-420 Trader Place, Indio, California, 92201, the Board will hold a public hearing to consider the ordering of the Services, and the levy of the assessments for fiscal year 2019-19.

SECTION 5. The secretary of the board shall cause a notice of the hearing to be given by publishing a notice, at least ten (10) days prior to the date of the hearing above specified, in a newspaper circulated in the District.

PASSED and ADOPTED by the Board of Trustees of the Coachella Valley Mosquito and Vector Control District at a regular meeting thereof held on June 11, 2019.

AYES:
NOES:
ABSTAINED:
ABSENT:

Doug Hassett, President
Board of Trustees
Coachella Valley Mosquito & Vector Control District

ATTEST:

Graciela Morales, Clerk of the Board

APPROVED AS TO FORM:

Lena, D. Wade, General Counsel

REVIEWED:

Jeremy Wittie, M.S., General Manager

	<p style="text-align: center;">Coachella Valley Mosquito and Vector Control District</p> <p style="text-align: center;">Staff Report</p>	<p style="text-align: center;">June 11, 2019</p>
<p>Agenda Item: Informational Item Discussion of survey result regarding Board meeting time – Graciela Morales, Executive Assistant/Clerk of the Board</p>		
<p>Background: At the May 14 Board meeting, Trustee Hagerman expressed the desire to consider a change to the Board of Trustees meeting time. Trustee Gardner agreed. A survey was conducted to obtain the opinion of all Trustees. Below is a summary of the results:</p> <ul style="list-style-type: none"> ○ All 11 Trustees participated in the survey ○ 6 out of 11 Trustees voted in favor of changing the meeting time ○ 1 out of 11 Trustees voted in favor of a morning meeting preferably at 9AM ○ 5 out of 11 Trustees voted in favor of an afternoon meeting preferably at 4PM 		
<p>Staff Recommendation:</p> <p>That the Board take whatever action they deem appropriate.</p>		

	<p>Coachella Valley Mosquito and Vector Control District</p> <p>Staff Report</p>	<p>June 11, 2019</p>
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Agenda Item: New Business
Discussion and/or approval of a donation to the American Mosquito Control Association Research Fund from 8510.01.600.000, Research Projects - **Jennifer A. Henke, M.S. Laboratory Manager** and ad hoc Research Committee

Report:
In 2015, the American Mosquito Control Association was approached to begin administering the Mosquito Research Foundation. Re-named the AMCA Research Fund, the new program seeks to fund research that will lead to new tools and strategies for mosquito surveillance and control, ultimately protecting the public from mosquito-borne disease and discomfort from mosquito bites. Priority research areas for 2020 include:

- Chronic and/or acute impact of pesticides on target and non-target organisms
- Adulticides and/or larvicides: new products research

Other contributors to the AMCA Research Fund since February 2018 include: ADAPCO, Animas Mosquito Control District, Anonymous Contribution, Canyon County Mosquito Abatement District, Contra Costa Mosquito and Vector Control District, Michigan Mosquito Control Association, Sacramento-Yolo Mosquito and Vector Control District, Schools First Federal Credit Union, and Valent BioSciences.

The District budgeted \$150,000.00 for external research projects in FY2018-2019. Of that, \$85,917.31 was allocated to two projects as part of the District’s research program. A donation to the AMCA Research Fund in the amount of \$5,000.00 was suggested by the ad hoc Research Committee at their meeting on May 30. The areas outlined by AMCA are of interest, and successful projects would benefit the District.

Staff Recommendation:
That the Board take an action that it feels appropriate.

Fiscal Impact:

FY2018-19 Budget GL # 8510.01.600.000	Current Available Funds	Proposed Expense Fiscal Year 2018/19	Remaining Available Funds
Amount budgeted	64,082.69	5,000.00	59,082.69