



Coachella Valley Mosquito  
and  
Vector Control District

43420 Trader Place  
Indio, CA 92201  
Phone (760) 342-8287  
[www.cvmvcd.org](http://www.cvmvcd.org)

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**Board of Trustees Meeting**  
**Tuesday, September 10, 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.
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**1. Call to Order** – Doug Hassett, President

**2. Pledge of Allegiance**

**3. Roll Call**

**4. Motion to Excuse Absences**

**5. Confirmation of Agenda**

**6. Closed Session Public Comments**

Public Comments pertaining to the Closed Session item (A three-minute time limit per person has been established.)

**7. Closed Session:**

- A. Conference with Legal Counsel – Potential litigation  
Significant exposure to litigation pursuant to § 54956.9(b): (1 potential case)

**8. Closed Session Report**

**9. Public Comments**

## **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.

## **10. Presentations**

- A. General Manager's Report – **Jeremy Wittie, M.S., General Manager**
- B. Integrated Vector Management Program Update – **Jennifer Henke, M.S., Laboratory Manager, Roberta Dieckmann, Interim Operations Manager, and Tammy Gordon, M.A., Public Information Officer.**

## **11. Board Reports**

- A. President's Report – **President Hassett**
  - Executive Committee Oral Report and Minutes for September 4, 2019 **(Pg. 6)**
- B. Finance Committee Oral Report and Minutes – **Trustee Isaiah Hagerman**
  - Amended Finance Committee Minutes for May 14, 2019 **(Pg. 8)**
  - Finance Committee Minutes for June 11, 2019 **(Pg. 10)**
  - Budget Workshop Minutes for June 11, 2019 **(Pg. 12)**
  - Finance Committee Minutes for July 9, 2019 **(Pg. 13)**
  - Finance Committee Minutes for September 4, 2019 **(Pg. 15)**

## **12. 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 July 9, 2019, Board Meeting **(Pg. 20)**
- B. Correspondence **(Pg. 27)**
- C. Approval of Expenditures for July 10, 2019 to September 10, 2019 **(Pg. 37)**
- D. Informational Items:
  - Financials **(Pg. 40)**
  - District Travel **(Pg. 48)**
  - Board Business Log **(Pg. 50)**
- E. Department Reports **(Pg. 55)**

- F. Approval of payment for testing of mosquito pooled samples to the Mosquito and Vector Control Association of California in an amount not to exceed \$8,000 from fund 9000.01.500.000 Contingency Expense – *Not Budgeted; Funds available* **Jennifer A. Henke, M.S., Laboratory Manager (Pg. 85)**
- G. Approval to surplus District-owned vehicles and workhorses through a third party government auction website – **Edward Prendez, Information Technology Manager (Pg. 86)**
- H. Approval to purchase larval mosquito control products in an amount not to exceed \$58,300 from fund 9000.01.500.00 Contingency Expense – **Jeremy Wittie, MS, General Manager (Pg. 87)**

### **13. Old Business**

- A. Discussion and/or approval of refund in the amount of \$8,718.33 following revised benefit assessment for property having APN 745-360-003 owned by R-Bar-C Sand & Gravel, Inc. – **Jeremy Wittie, M.S., General Manager (Pg. 89)**

### **14. New Business**

- A. Discussion and/or approval to grant a day off to all full-time employees in appreciation of their work and dedication in protecting public health during the mosquito virus season - **Graciela Morales, Executive Assistant/Clerk of the Board (Pg. 91)**

### **15. 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.

### **16. 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.

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**Certification of Posting**

I certify that on September 6, 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 September 6, 2019.

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Graciela Morales, Clerk of the Board

## **SECTION**

**11**



# **BOARD REPORTS**

# COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

## Executive Committee Meeting Minutes

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**TIME:** 9:00 a.m. Wednesday, September 4, 2019

**LOCATION:** 43420 Trader Place, Indio, CA 92201

**TRUSTEES PRESENT:**

La Quinta	Doug Hassett	Indian Wells	Clive Weightman
Palm Desert	Doug Walker		

**ABSENT:**

County at Large      Franz De Klotz

**OTHERS PRESENT:**

Jeremy Wittie, M.S., General Manager  
Grace Morales, Clerk of the Board

**1. Call to Order:** *President Hassett called the meeting to order at 9:03 A.M.*

**2. Roll Call:** *Roll call indicated three (3) committee members out of four (4) were present.*

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

**4. Public Comments:** *None*

**5. Review of Draft September 10, 2019 Board Meeting Agenda:** *The draft September Board meeting agenda was reviewed by the Committee. Changes to the agenda included, revising Item 11A (granting an additional day off to staff) to have it include more information. Agenda Items 10B (CVAG, City of Indio MOU for CV Link easement) and 9G (surplus sale) were discussed as well.*

**6. Review Draft Emergency Succession Plan:** *The draft emergency succession plan was reviewed by all and suggested changes to the document were noted.*

**7. Review Abatement Policy:**

*The document was reviewed by all and suggested changes to the document were noted. Changes will be made to the document and it will be presented to the Board for approval in October.*

**8. Review and Discuss the Draft Trustee Orientation Module and 2017 Trustee**

**Manual:** *The draft Trustee Orientation Module and Trustee manual were reviewed and discussed. Clerk of the Board, Graciela Morales, sought the input and direction from Executive Committee members to implement both the module and a Trustee Professional Development Program which would offer Trustees guidance and continued growth within their appointed position.*

**9. General Discussion: Labor Negotiations 2020:** *A general timeline was discussed.*

**10. Trustee/Staff Comments:** *None.*

**11. Confirmation of Next Meeting Date:** *The next Executive Committee Meeting was scheduled for Monday, September 30, 2019, at 3:00 p.m.*

**10. Adjournment:** *The meeting was adjourned by President Hassett at 10:19 a.m.*

# COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

## Finance Committee Meeting Minutes

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

**LOCATION:** 43420 Trader Place, Indio, CA 92201

### TRUSTEES PRESENT:

Indian Wells                      Clive Weightman  
Rancho Mirage                  Isaiah Hagerman  
La Quinta                         Doug Hassett (alternate member)

Amended: Original Minutes amended to record Trustee Hagerman was present at this meeting and not absent as originally recorded.

**TRUSTEES ABSENT:** County at Large              Bito Larson

### 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 (3) 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 to 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, Trustee Hagerman 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.*

# COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

## Finance Committee Meeting Minutes

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**TIME:** 3:30 P.M. **DATE:** JUNE 11, 2019

**LOCATION:** 43420 Trader Place, Indio, CA 92201

**TRUSTEES PRESENT:**

Indian Wells	Clive Weightman	County at Large	Franz De Klotz
La Quinta	Doug Hassett (alternate member)	Rancho Mirage	Isaiah Hagerman

**TRUSTEES ABSENT:** County at Large Bito Larson

**STAFF PRESENT:**

Jeremy Wittie, General Manager  
David l'Anson, Administrative Finance Manager  
Grace Morales, Clerk of the Board

**1. Call to Order:** *Treasurer Weightman called the meeting to order at 3:30 p.m.*

**2. Roll Call:** *Roll call indicated two (2) committee members out of three (3) were present. President Doug Hassett served as an alternate member of the Committee. Vice President De Klotz also joined the meeting.*

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

**4. Public Comments:** *None.*

**5. Items of General Consent:**

**Approval of Minutes from May 14, 2019, Finance Committee Meeting:** *On motion from Trustee Hagerman, seconded by Vice President De Klotz, the Committee approved Agenda Item 5 with the exception of amending the minutes to record Trustee Hagerman was present at the May 14 meeting and not absent as erroneously recorded.*

**Ayes:** Trustee Hagerman, President Hassett, Vice President De Klotz, and Treasurer Weightman.

**Noes:** None.

Abstained: None.

Absent: Trustee Larson.

**6. Discussion and/or Review:**

- A. Review of Check Report from Abila MIP for the period of May 15, 2019 to June 7, 2019.  
*The Committee reviewed the check report and asked questions regarding some of the checks and expenses. Administrative Finance Manager, David l'Anson and General Manager, Jeremy Wittie provided clarifications.*
- B. CalCard Charges May 2019  
*Administrative Finance Manager, David l'Anson introduced the new CalCard report. Transactions were reviewed and questions regarding a few charges were explained by Administrative Finance Manager, David l'Anson and General Manager, Jeremy Wittie.*
- C. Review of May 2019 Financials and Treasurer's Report  
*The District's Financials and Treasurer's Report were reviewed by the Committee. Expenditures, revenue, payroll, the weighted yield of the District's investments, and pass through funds were discussed. Administrative Finance Manager, David l'Anson mentioned he plans on contacting Kevin McCarthy in August 2019.*

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

*Items discussed included: Thermal Capital Project and contingency expense, emergency funds, facilities funding status, total cash balances, the facilities solar panels, and the needed ADA updates.*

**8. New Business:** *None.*

**9. Confirmation of Next Meeting:** *The next Finance Committee meeting was scheduled for Tuesday, July 9, 2019 at 4:30 p.m.*

**10. Trustee and/or Staff Comments/Future Agenda Items:** *Treasurer Clive Weightman informed all he will be absent for the July 9 Finance meeting and Trustee Hagerman had agreed to chair it.*

**11. Adjournment:** *The meeting was adjourned by Treasurer Weightman at 4:17 p.m.*

# COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

## Budget Workshop Minutes

**TIME:** 4:30 P.M. **DATE:** JUNE 11, 2019

**LOCATION:** 43420 Trader Place, Indio, CA 92201

### **STAFF PRESENT:**

Jeremy Wittie, General Manager

David l'Anson, Administrative Finance Manager

Grace Morales, Clerk of the Board

**1. Call to Order:** *Treasurer Weightman called the meeting to order at 4:46 p.m.*

**2. Roll Call:** *The following Trustees were present: Sergio Espericueta, Franz De Klotz, Clive Weightman, Ben Guitron, Doug Hassett, Doug Walker, and Isaiah Hagerman*

**3. Public Comments:** *None.*

**4. Overview/Discussion of Preliminary FY 2019/20 Budget.** *This item was discussed during the Finance Committee meeting on June 11, 2019 at 3:30 p.m. Since no members of the public were in attendance and Trustees at the Workshop had no further questions regarding the preliminary FY 2019/20 budget it was decided by the Trustees to adjourn the Workshop.*

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

**6. Adjournment:** *The meeting was adjourned by Treasurer Weightman at 4:47 p.m.*

# COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

## Finance Committee Meeting Minutes

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**TIME:** 4:30 P.M. **DATE:** JULY 9, 2019

**LOCATION:** 43420 Trader Place, Indio, CA 92201

**TRUSTEES PRESENT:**

Rancho Mirage      Isaiah Hagerman      County at Large      Bito Larson

President Doug Hassett (alternate member) arrived at 4:54 p.m.

**TRUSTEES ABSENT:** Indian Wells      Clive Weightman

**STAFF PRESENT:**

Jeremy Wittie, General Manager

David l'Anson, Administrative Finance Manager

Grace Morales, Clerk of the Board

**1. Call to Order:** *Trustee Hagerman called the meeting to order at 4:34 p.m.*

**2. Roll Call:** *Roll call indicated two (2) committee members out of three (3) were present.*

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

**4. Public Comments:** *None.*

**5. Items of General Consent:**

**Approval of Minutes from June 11, 2019, Finance Committee Meeting:** *Trustee Larson abstained from approving the minutes because he was not present at said meeting. The minutes were not approved and carried over for approval at the following meeting.*

Ayes: None.

Noes: None.

Abstained: Trustee Larson.

Absent: Clive Weightman.

## **6. Discussion and/or Review:**

- A. Review of Check Report from Abila MIP for the period of June 12, 2019 to July 3, 2019.

*The Committee reviewed the check report and asked questions regarding a few checks and expenses. Administrative Finance Manager, David l'Anson and General Manager, Jeremy Wittie provided clarifications.*

- B. CalCard Charges June 2019

*Administrative Finance Manager, David l'Anson reintroduced the new CalCard report. Transactions were reviewed and questions regarding a few charges were explained by Administrative Finance Manager, David l'Anson and General Manager, Jeremy Wittie.*

- C. Review of June 2019 Financials and Treasurer's Report

*The District's Financials and Treasurer's Report were reviewed by the Committee.*

## **7. Old Business:** *None.*

## **8. New Business:** *None.*

## **9. Confirmation of Next Meeting:** *The next Finance Committee meeting was scheduled for Wednesday, September 4, 2019 at 10:30 a.m.*

## **10. Trustee and/or Staff Comments/Future Agenda Items:** *General Manager, Jeremy Wittie informed committee members of the possibility of larger than usual spending due to operational needs in response to the current West Nile activity in the valley. A discussion ensued. It was agreed he would keep Trustee apprised in the event the need occurs.*

## **11. Adjournment:** *The meeting was adjourned by Treasurer Weightman at 5:12 p.m.*

# COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

## Finance Committee Meeting Minutes

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**TIME:** 10:30 a.m. **DATE:** September 4, 2019

**LOCATION:** 43420 Trader Place, Indio, CA 92201

### **TRUSTEES PRESENT:**

County at Large      Bito Larson      Indian Wells      Clive Weightman  
  
Rancho Mirage      Isaiah Hagerman

### **STAFF PRESENT:**

Jeremy Wittie, General Manager  
David l'Anson, Administrative Finance Manager  
Grace Morales, Clerk of the Board

**1. Call to Order:** *Treasurer Weightman called the meeting to order at 10:37 p.m.*

**2. Roll Call:** *Roll call indicated three (3) committee members out of three (3) were present.*

**3. Confirmation of Agenda:** *The Agenda was confirmed as presented with the exception of the addition of the June 11 meeting minutes, the review of check report, and Cal Card.*

**4. Public Comments:** *None.*

*A letter from Mr. Brad Anderson was received and handed to Committee members. The letter is attached.*

### **5. Items of General Consent:**

Approval of Minutes from June 11 and July 9, 2019, Finance Committee Meetings

Ayes: Trustee Hagerman and Treasurer Weightman.

Noes: None.

Abstained: Trustee Larson abstained from approving the June 11 meeting minutes.

Absent: None.

**6. Discussion and/or Review:**

- A. Review of Cal Card Report for period July 23 through August 23; check Report from Abila MIP for the period of August 14, 2019 to September 3, 2019; and July 2019 Financials and Treasurer's Report

*The Committee reviewed the reports and asked questions regarding a few checks and expenses. Administrative Finance Manager, David l'Anson and General Manager, Jeremy Wittie provided explanations. The Statement of Revenue and Expenditures for fiscal year end June 30, 2019 was also reviewed by the Committee.*

**7. Old Business:** *None.*

**8. New Business:**

**Discussion of the District's Purchasing Policy**

*The proposed Purchasing Policy was reviewed. The Committee suggested adding more details of the procurement procedure and a dual check signature requirement on checks over \$10,000.*

**9. Confirmation of Next Meeting:** *The next Finance Committee meeting was scheduled for Tuesday, October 8, 2019 at 4:30 a.m.*

**10. Trustee and/or Staff Comments/Future Agenda Items:** *Treasurer Weightman informed he will not be present at the September 10 Board meeting and asked Trustee Isaiah Hagerman to lead the Treasurer's Report.*

**11. Adjournment:** *The meeting was adjourned by Treasurer Weightman at 11:47 a.m.*

Attachment: Letter from Mr. Brad Anderson dated September 4, 2019.



September 04, 2019

Coachella Valley Mosquito and Vector Control District (CVMVCD)

Attn: Clerk of the Board/Board of Trustees

43420 Trader Pl.

Indio, CA. 92201

(760) 342-8287 - [www.cvmvcd.org](http://www.cvmvcd.org)

Re: Written letter to be entered in to the Public record for the Finance Committee Meeting scheduled for the date of September 4, 2019 at the time of 10:30AM - agenda Item#8 (New Business - Discussion of District's purchases policy)

Dear CVMVCD Trustees,

Please be advised that any change in the now current CVMVCD Purchasing policy will invite and accommodate grater opportunity for theft and or fraud to be orchestrated against Public resources. The limits on public agency's for proper uses of Public resources has been allowed to become established at it's current levels for the CVMVCD. The proposed 400% Increase that would be controlled by the sole discretion of the CVMVCD General Manager or designee(s) has very little need to exist with the now current CVMVCD general purchases and with the ability to easily request Board of Trustees approval at their Monthly meeting.

To clarify the need not to grant any Increase to the now current CVMVCD Purchasing policy. The CVMVCD (Special District) has City's and County Appointees as Board members (Trustees). And the CVMVCD General Manager being a employee of the CVMVCD is only accountable to the Trustees (Not the Residents of the Coachella Valley). Which Illustrate that the CVMVCD Public resources has few safe guards to stop or slow misuses of this Mosquito district's internal operations. And the Resident's of the CVMVCD service areas have no direct representation to an elected official that would be held responsible for the CVMVCD activities.

Having had reviewed CVMVCD ledgers (Purchases) that the CVMVCD had to obtain board of Trustees approval. It's worth noting that a purchase was classified as professional Attoney fees for Internal employee's Investigations from previous retained Investigators that were known to the CVMVCD. And having reviewed several Invoices (Purchases) that were at or under the now establish district allowed purchased amount of \$5000. Again noting that those purchases were for CVMVCD employee Investigation and a non-wage pay-out (employee resignation). This CVMVCD activity of using Public monies for the Increasing forced remover of it's employee's and having retained CVMVCD known Investigation firm and their associate repeatedly raises concerns of the already allowed purchased amount and of course the potential continue Influences to accommodate repeat business of the

CVMVCD, that would potential encourage bias (known and maybe unconsciously) by the companies that are associated with the CVMVCD. And this type of activity that already exists at the CVMVCD will potential Increase and or have higher rates of Public resources used inappropriately.

Please do not entertain the notion of allowing the potential misuse of greater amounts of Public resources to the CVMVCD General Manager that has demonstrated poor performance and judgement with employment matters and Public Health and safety in the Coachella Valley. And the Trustees would not be better shielded from accountability by allowing the CVMVCD General Manager to have the authority to act on behalf of the CVMVCD board of Trustees by allowing larger amounts of the Public resources to be allocated by a non-elected employee of the Coachella Valley Mosquito and Vector Control of Indio, CA.

Thank you,

Brad Anderson

Rancho Mirage, CA.

**SECTION**  
**12**



**ITEMS OF GENERAL CONSENT**

# COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

## Board of Trustees Meeting Minutes

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CALLED TO ORDER: 6:00 p.m. July 9, 2019

LOCATION: 43420 Trader Place, Indio, CA 92201

### TRUSTEES PRESENT:

PRESIDENT: Doug Hassett La Quinta  
VICE PRESIDENT: Franz De Klotz County at Large  
Sergio Espericueta Cathedral City  
Bito Larson County at Large  
Gary Gardner Desert Hot Springs  
Isaiah Hagerman Rancho Mirage  
Ben Guitron Indio (At roll call, Trustee Guitron was recorded as absent but excused. He arrived right after the motion was taken by the Board to approve absences).

### TRUSTEES ABSENT:

Philip Bautista Coachella  
Clive Weightman Indian Wells  
Doug Walker Palm Desert  
Dr. Doug Kunz Palm Springs

### STAFF AND COUNSEL PRESENT:

Jeremy Wittie, General Manager  
Lena Wade, Legal Counsel, SBEMP  
Anita Jones, Human Resources Manager  
David l'Anson, Administrative Finance Manager  
Edward Prendez, Information Technology Manager  
Jennifer Henke, Laboratory Manager  
Tammy Gordon, Public Information Officer  
Roberta Dieckmann, Field Supervisor  
Grace Morales, Clerk of the Board

1. **Call to Order:** President Hassett called the meeting to order at 6:02 p.m.
2. **Pledge of Allegiance:** President Hassett led the Pledge of Allegiance.
3. **Roll Call:** Roll call indicated six (6) 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 absences of Trustees Bautista, Guitron, Kunz, Walker and Weightman.

**Ayes:** President Hassett, Trustees De Klotz, Espericueta, Gardner, Hagerman, and Larson.

**Noes:** None.

**Abstained:** None.

**Absent:** Trustees Bautista, Guitron, Kunz, Walker, and Weightman

## **5. Confirmation of Agenda**

*President Hassett announced Item 12A (Discussion and approval to hire a civil engineering firm to draw plans to address findings of the Accessibility Evaluation Report in an amount not to exceed \$15,000) would be pulled from the Agenda. General Manager Jeremy Wittie explained the reason for this was due to his decision to have a civil engineer provide an assessment and give a second opinion of the ADA compliance report.*

On motion from Trustee De Klotz, seconded by Trustee Hagerman and passed by unanimous vote, the Board of Trustees approved the Agenda as presented, excluding Item 12A.

**Ayes:** President Hassett, Trustees De Klotz, Espericueta, Gardner, Guitron, Hagerman, and Larson.

**Noes:** None.

**Abstained:** None.

**Absent:** Trustees Bautista, Kunz, Walker, and Weightman

## **6. Public Hearing for Benefit Assessment**

A. Open Public Hearing – President Doug Hassett

B. Resolution 2019-08 approving Engineer's Report, Confirming Diagram and Assessment, and Ordering the Levy of Assessments for Fiscal Year 2019-20 for the Coachella Valley Mosquito and Vector Control District Mosquito, Fire Ant and Disease Control Assessment – David l'Anson, Administrative Finance Manager

*David l'Anson provided a summary during the hearing and stated there was an increase being proposed to the benefit assessment for fiscal year 2019-20. Trustee Espericueta asked if the \$13.48 assessment was in addition to a past assessment rate. l'Anson explained the \$13.48 was the new rate being proposed and would be valid for fiscal year 2019-20.*

- C. Close Public Hearing – *Before closing the hearing President Doug Hassett welcomed public comments.*

Public Comment: *Mr. Brad Anderson stated he opposed the increase to the assessment.*

On motion from Trustee Hagerman, seconded by Trustee Gardner and passed by unanimous vote, the Board of Trustees approved Resolution 2019-08.

Ayes: President Hassett, Trustees De Klotz, Espericueta, Gardner, Guitron, Hagerman, and Larson.

Noes: None.

Abstained: None.

Absent: Trustees Bautista, Kunz, Walker, and Weightman

**7. Public Comment:** *Mr. Brad Anderson stated his disappointment with public records requests.*

## **8. Presentations**

A. General Manager's Report – **Jeremy Wittie, M.S., General Manager**

B. Integrated Vector Management Program Update – **Jennifer Henke, M.S., Laboratory Manager, Roberta Dieckmann, Interim Operations Manager, and Tammy Gordon, Public Information Officer.**

### **A. General Manager's Report**

*Jeremy Wittie commented that due to the elevated presence of West Nile virus in different valley cities, he may need to approve the purchase of large amounts of control products and applications by helicopter. He stated he would keep the Board apprised when this occurs. Wittie also thanked staff for their exceptional work during this busy season.*

### **B. IVM Program Update**

*Jennifer Henke, M.S., Laboratory Manager introduced Intern Alexis Miranda. Jennifer stated he is with Health Career Connection and is helping the laboratory with various projects. Her presentation focused on current and past, local and state-wide, West Nile virus and Saint Louis encephalitis (SLE) activity. She also presented information about Arizona's current West Nile virus compared to California and our region. Jennifer also explained our West Nile virus and SLE response plan and the applications being conducted in different valley cities.*

*Roberta Dieckmann, Interim Operations Manager, presented information on enhanced surveillance, truck-mounted and aerial treatments in response to West Nile virus and SLE activity and a summary of control efforts being conducted by Operations staff.*

*Tammy Gordon, Public Information Officer, shared information about outreach activities taking place in the Coachella Valley post-West Nile virus detection. Tammy also shared our press release*

*format has changed to deliver information in the best way possible. Her department has been busy; they released eight press releases in June. She encouraged all to follow, engage, and share the District's posts on social media.*

## **9. Board Reports**

**A. President's Report:** *President Hassett stated the Executive Committee has decided to keep the Board of Trustees meeting time the same, at 6:00 p.m. He also stated the Committee will start dialogue and planning for an emergency contingency plan for key leadership.*

**B. Finance Committee:** *Treasurer Hagerman reported the Finance Committee met prior to the Board Meeting and they had reviewed the check register, financials, and CalCard charges and had no concerns to report.*

## **10. Items of General Consent**

**\*Item 10 G was pulled by Trustee Gary Gardner.**

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 June 11, 2019, Board Meeting

B. Correspondence

C. Approval of Expenditures for June 12, 2019 to July 9, 2019

D. Informational Items:

- Financials
- Certificate of Achievement for Excellence in Financial Reporting
- District Travel
- Board Business Log
- Treasurer to Approve Release of Payment to Vendors for August
- Semi-annual research reports from the University of California at Riverside and USDA for 2019– **Jennifer A. Henke, M.S., Laboratory Manager**

E. Approval for a paid intern for the Laboratory Department June 17 – August 23, 2019 in an amount not to exceed \$6,900 from fund 5103.01.400.000, Payroll – Budgeted; Funds available Jennifer A. Henke, M.S., Laboratory Manager

F. Approval of Resolution 2019-09, Authorizing Attendance of Professional Development Conferences and Meetings by Members of The Board of Trustees and Employees of the District for Fiscal Year 2019-2020 – Jeremy Wittie, M.S., General Manager

**\*G. Approval of refund in the amount of \$8,718.33 following revised benefit assessment for property having APN 745-360-003 owned by R-Bar-C Sand & Gravel, Inc. - Jeremy Wittie, M.S., General Manager**

H. Approval to purchase supplies for arbovirus testing from ThermoFisher Scientific in an amount not to exceed \$11,500 from fund 7575.01.400.045 – Internal Mosquito PCR – Budgeted; Funds available Jennifer A. Henke, M.S., Laboratory Manager

I. Approval of payment for testing of mosquito pooled samples to the Mosquito and Vector Control Association of California in an amount not to exceed \$6,000 from fund 7575.01.400.026 – External Mosquito PCR – Not Budgeted; Funds available Jennifer A. Henke, M.S., Laboratory Manager

J. Approval to purchase one super duty mist sprayer for area wide larvicide applications in an amount not to exceed \$20,000 from fund 8415.01.500.000 – Operations Capital Outlay Budgeted; Funds available – Jeremy Wittie, M.S., General Manager

K. Approval for purchased additional mosquito control products in an amount not to exceed \$39,000 from fund 7800.01.500.028, Chemical Control – Budgeted; Funds available Jeremy Wittie, M.S., General Manager

**\*Item 10 G was pulled by Trustee Gary Gardner.**

*Trustee Gary Gardner expressed his concerns with Item 10G. He stated the main questions he would like answers to were: If this is something legally we can do? If it is legal, is it something we want to do going forward? Is it a tax or a benefit assessment? Can we split a parcel or must the County do that? The Board asked General Counsel, Lena Wade, for her legal opinion on this matter for the next meeting. Check No. 42346 in the amount of \$8,718.33 is to be held until this item is brought back to the Board for consideration and/or approval.*

*Public Comment: Mr. Brad Anderson stated he handed letters to the Clerk of the Board for entry into the public record and stated he is in favor of the benefit assessment revision to the property owner.*

On motion from Trustee Hagerman, seconded by Trustee Guitron and passed by the following votes, the Board of Trustees reviewed and approved all items of General Consent with the exception of Item 10 G - Approval of refund in the amount of \$8,718.33 following revised benefit assessment for property having APN 745-360-003 owned by R-Bar-C Sand & Gravel, Inc.

Ayes: President Hassett, Trustees De Klotz, Espericueta, Gardner, Guitron, Hagerman, and Larson.

Noes: None.

Abstained: Trustee Larson abstained from approving Item 10A only.

Absent: Trustees Bautista, Kunz, Walker, and Weightman



## **11. Old Business**

A. Approval of Resolution 2019-10, Adopting Employee Pay Schedule, in conformance with California Code of Regulations, Title 2, Sections 570.5 and 571 – Anita Jones, Human Resources Manager.

*Anita Jones, Human Resources Manager gave a brief explanation as to the reason for this item on the Board Agenda and explained the requirement CalPERS has from member agencies to have the item approved during a public meeting.*

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

Ayes: President Hassett, Trustees De Klotz, Espericueta, Gardner, Guitron, Hagerman, and Larson.

Noes: None.

Abstained: None.

Absent: Trustees Bautista, Kunz, Walker, and Weightman

B. Discussion and/or approval to purchase control products from the lowest responsible bidders or sole-source providers, in an amount not to exceed \$650,000 from fund 7800.01.500.028, Chemical Control – Budgeted; Funds available – Roberta Dieckmann, Interim Operations Manager

*Bobbie Dieckmann stated this item is on the Board Agenda based on an operational needs analysis for the entire fiscal year.*

Public Comment: *Mr. Brad Anderson stated he has some concerns regarding control product purchases and asked the Board to consider this matter closely.*

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

Ayes: President Hassett, Trustees De Klotz, Espericueta, Gardner, Guitron, Hagerman, and Larson.

Noes: None.

Abstained: None.

Absent: Trustees Bautista, Kunz, Walker, and Weightman

## **12. New Business**

A. Discussion and approval to hire a civil engineering firm to draw plans to address findings of the Accessibility Evaluation Report in an amount not to exceed \$15,000 from fund 6095.14.305.000, Professional Fees – Reserves, Funds Available David l'Anson, Administrative Finance Manager

*President Hassett announced Item 12A (Discussion and approval to hire a civil engineering firm to draw plans to address findings of the Accessibility Evaluation Report in an amount not to exceed \$15,000) would be pulled from the Agenda. General Manager Jeremy Wittie explained the reason for this was due to his decision to have a civil engineer provide an assessment and give a second opinion of the ADA compliance report.*

### **13. Closed Session Public Comments**

Public Comments pertaining to the Closed Session item (A three-minute time limit per person has been established.)

Public Comment: *Mr. Brad Anderson expressed the District has poor performance and should be looked at closely.*

### **14. Closed Session:**

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

### **15. Closed Session Report**

*At the conclusion of closed session, President Hassett stated there was no reportable action.*

### **16. Trustee Comments, Requests for Future Agendas Items, Travel, and/ or Staff Actions**

*President Hassett stated he would like to see staff travel discussed in the near future. General Manager Wittie stated he will bring it up for discussion in September. Trustee Larson expressed his desire to attend CSDA. President Hassett said he is considering attending CSDA as well.*

### **17. Adjournment**

*The meeting was adjourned by President Hassett at 7:44 p.m.*

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Doug Hassett  
President

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Franz De Klotz  
Vice President

**From:** Michael Martinez  
**Sent:** Tue 7/9/2019 11:05 AM  
**To:** DistrictWideGroup  
**Subject:** Resident Praise

Great job Ramon! Keep up the good work.

To Whom It Concerns,

I am writing to praise your entire staff but your employee, **Ramon**, in particular. He went out of his way to expedite treatment at my house for fire ants. He made calls to ensure I could get service before leaving on vacation and asked that I follow up with him to make sure all went according to plan,

Ramon is a fine employee and a very nice gentleman.

Thanks again.

Paul and Sandra S.

Michael Martinez  
*Field Supervisor*

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**From:** Tammy Gordon  
**Sent:** Tue 7/16/2019 8:42 AM  
**To:** DistrictWideGroup  
**Subject:** Thumbs up

A Palm Springs resident called in very angry about the aerial application and **Diana** took the call. The resident was upset, interrupting and swearing as Diana tried to help her. Diana stayed calm telling her that she was there to help as long as the woman remained respectful. After a 25 minute conversation, the woman asked to be transferred to her supervisor. She told me that Diana was such a great communicator she wanted to express her gratitude that she has such a high level of customer service.

She told me that Diana was able to explain our processes in a very effective way and she now has a much better understanding of what we are trying to accomplish.

Fantastic job Diana, our jobs are easier because of your knowledge and dedication.

Tammy Gordon  
*Public Information Officer*

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**From:** Tammy Gordon  
**Sent:** Fri 7/19/2019 2:26 PM  
**To:** DistrictWideGroup  
**Subject:** praise for Ramon G.

Hi, everyone

I had the pleasure of chatting with Ms. Martha S. this afternoon. **Ramon** conducted a service request for her on July 12. Ms. Shafarman said, "Ramon is wonderful. He has been really great. He's given me a lot of important information about mosquitoes and about insects' lives, and I really appreciate it." She was very complimentary about our work and our team as we work to control mosquitoes and reduce West Nile virus risk in our community.

Thank you, Ramon, for doing your utmost and garnering such high praise!

Thank you,  
Jennifer A. Henke, M.S.  
*Laboratory Manager*

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**From:** Roberta Dieckmann  
**Sent:** Fri 7/26/2019 12:24 PM  
**To:** DistrictWideGroup  
**Subject:** Compliment Call - Marissa

Hi,

I received a call today from a resident in Palm Springs who had an Aedes service request scheduled for today. He said that **Marissa** was very professional and that she was so thorough in her search for mosquitoes that she went everywhere and that she taught him so many things. He was very happy with her performance. Excellent job Marissa and keep up the outstanding work you do for the District.

Bobbye Dieckmann  
*Interim Operations Manager*

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**From:** Roberta Dieckmann  
**Sent:** Fri 7/26/2019 12:28 PM  
**To:** DistrictWideGroup  
**Subject:** Compliment Call - Oscar

Hi,

I received a call today from management at Victoria Falls in Rancho Mirage. He praised **Oscar** for the great job he did at a vacant home swimming pool. He said he was passionate, informative and explained the steps he was taking by adding mosquitofish. Great job Oscar and way to represent the District so well.

Bobbye Dieckmann  
*Interim Operations Manager*

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**From:** Michael Martinez  
**Sent:** Thu 8/1/2019 12:18 PM  
**To:** DistrictWideGroup  
**Subject:** Compliment Call

Good afternoon,

Today I received a call from a resident praising **Jesse** for the work done at her property. She said he was informative, helpful, easy going and took the time to explain district program with a good attitude. Great job Jesse! Thank you for representing the district so well.

Keep up the good attitude,

Michael Martinez  
*Field Supervisor*

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**From:** Graciela Morales  
**Sent:** Mon 8/5/2019 4:13 PM  
**To:** DistrictWideGroup  
**Subject:** Kudos to Marisa

Good afternoon,

I received a note in the mail from Ms. Ulman of Palm Springs praising Marisa for excellent service.

She wrote, "This is to commend your wonderful Vector Control Technician **Marisa** who showed up at our home on August 1. She was helpful in detecting mosquito breeding grounds, educating us, and treating/spraying the property. We know our property taxes pay for this service and we appreciate it. May all your technicians be as thorough and friendly as Marisa!"

Great job, Marisa!

Grace Morales  
*Executive Assistant/Clerk of the Board*

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**From:** Jeremy Wittie  
**Sent:** Tue 8/6/2019 2:56 PM  
**To:** DistrictWideGroup  
**Subject:** Kudos from Marrakesh Country Club

Good Afternoon All,

Just wanted to pass on the good word from Lee who is resident of Marrakesh Country Club in Palm Desert. Lee called and enthusiastically complemented **Jennifer** and **Tammy** on what a great presentation they delivered last Friday regarding what the District is doing to protect residents from vectors and vector-borne disease. **Trinidad** has also made quite the impression in the community as she commented on his service to the community as being outstanding. Thank you for doing such a great job and representing the District so well!

Sincerely,

Jeremy Wittie  
*General Manager*

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**From:** Eric Ortiz  
**Sent:** Wed 8/14/2019 8:10 AM  
**To:** DistrictWideGroup  
**Subject:** Compliment Call

This morning I received a call from Mrs. Hays glowing about **Marisa**. She stated she was very impressed by her knowledge and continues to be amazed by the wonderful people who serve with the CVMVCD. She stated the problem was well taken care of and explained thoroughly. Great job Marisa!

Eric Ortiz  
*Seasonal Vector Control Operator*

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**From:** Eric Ortiz  
**Sent:** Thu 8/15/2019 10:20 AM  
**To:** DistrictWideGroup  
**Subject:** Compliment Call

I had a great call come in from Joette. She had nothing but nice things to say about **Jesse**. She said he was very sweet and very professional and that she wanted to make sure we all knew.

Great Work Jesse!

Eric Ortiz  
*Seasonal Vector Control Operator*

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**From:** Jennifer Henke  
**Sent:** Fri 8/16/2019 8:47 AM  
**To:** DistrictWideGroup  
**Subject:** Thanks from Delta VCD

Last week, Mir Bear-Johnson, Scientific Programs Manager at Delta Vector Control District, visited our District for 2 days, visiting a number of departments and working with several of you. Please find below her appreciation of working with us and specific thank-yous to Trinidad, Erica, and Greg who had her ride-along during a ULV application and the aerial larvicide application.

"I want to sincerely thank both you and the entirety of the staff of CVMVCD for your warm welcome, informative answers and extreme helpfulness. It was a delight to get to see so much of the operations of another District, and I especially appreciated the time **Trinidad, Erica** and **Greg** took with me during the ride-alongs, which involved me asking a variety of semi-repetitive questions at two in the morning. Getting to see so much of the workings of your lab, especially the meetings, your mentorship of the intern, and getting to participate in your storm drain efficacy study was extremely interesting and of great value to me.

Our board meeting took place on the 14th of this month, and we have been approved to purchase an A1 super duty as well as chemical, in the hopes of doing some trials this year and being able to fully implement next year if the trials go well! The board members had many questions that I was able to best answer due to the time I spent at your slightly more warm, slightly more rainy, but lovely district, so thank you again.

I trust that you will pass on my thanks to the others."

Thank you to all of you for sharing your time and experience with Mir. It is a pleasure working with all of you, and I'm so pleased that we could share that with people from other Districts as well.

Jennifer A. Henke, M.S.  
*Laboratory Manager*

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**From:** Erica Frost  
**Sent:** Mon 8/19/2019 8:07 AM  
**To:** DistrictWideGroup  
**Subject:** Compliment

I received a message in regards to our colleague, Rene!

The email reads "I live in Palm Desert and **Rene** is the CVMVCD employee who serviced our yard. Unfortunately he identified some problems. He informed us and we were able to take care of and alleviate the issues. Rene was polite, efficient and very knowledgeable. We appreciate the help he gave us. We want to make sure you know you have a valuable asset in Rene; thank you. Jan H."

Well done as usual Rene!!! Thank you for being a great asset to this District!!!

Erica Frost  
*Administrative Clerk*

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**From:** Eric Ortiz  
**Sent:** Tue 8/20/2019 4:01 AM  
**To:** DistrictWideGroup  
**Subject:** Compliment Call

Hey everyone,

I received a call from resident Stacey L. She wanted to express her appreciation for **Jess**. She was very impressed and said he was a very nice man and very good at what he does. Keep up the good work Jess!

Eric Ortiz  
*Seasonal Vector Control Operator*

# CERTIFICATE

## OF RECOGNITION

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Proudly presented to **Coachella Valley Mosquito and Vector Control District**  
in recognition of your commitment to workplace safety and health through  
participation in **Safe + Sound Week August 12-18, 2019**



AMERICAN SOCIETY OF  
SAFETY PROFESSIONALS





July 09, 2019

Coachella Valley Mosquito and Vector Control District (CVMVCD)

43420 Trader Pl.

Indio, CA. 92201

(888) 342-9399 - [www.cvmvcd.org](http://www.cvmvcd.org)

Attn: Clerk of the Board and the Board of Trustees

Re: Written letter to be entered in to the Public record for the CVMVCD public meeting held on July 09, 2019 – Corrections to the June 11, 2019 Minutes (Item: 6 Public Comments)

Dear Coachella Valley Mosquito and Vector Control District Board of Trustees,

Please correct the written minutes of the June 11, 2019 6:PM Board of Trustees Meeting to reflect my true spoken statements on Item #6 (Public Comments)

My comment were directed at the CVMVCD Website not providing the chemical Insecticide(s) Name(s) and amounts of pesticides that were planned (pre and post) application. Of any and all of the CVMVCD area wide Chemical treatments event sites. The General Public was not notified of the Insecticides that were used on and around there private properties and open Public spaces by the CVMVCD Website(s)

Please update your record's to reflect true statements and events, thank you.

Sincerely,

Brad Anderson | Rancho Mirage, CA.

July 09, 2019

Coachella Valley Mosquito and Vector Control District (CVMVCD)

43420 Trader Pl.

Indio, CA. 92201 - [www.cvmvcd.org](http://www.cvmvcd.org)

(888) 343-9399

Attn: Clerk of the Board, and the Board of Trustees appointed Members

Re: Written comments in opposition of Item: 6 (Retaining and Increasing the CVMVCD Benefit Assessment – Resolution 2019-08) for the July 09, 2019 CVMVCD board meeting.

Dear Coachella Valley Mosquito and Vector Control District Board of Trustees,

This letter is in opposition to any Increase in the CVMVCD Benefit Assessment. As a past CVMVCD employee and having first hand knowage of the operations of the CVMVCD headquarters in regards to securing and retaining Public monies. And be subjected to negative effects by active staff members for openly opposing the Increase in past years benefit assessments. And having witness the excessive spending that to date has not benefited the taxed Residents of this Valley. It been well shown that this Vector Control District has not performed its responsibility to protect the security of it's Residents and the visiting Public from diseases and the abundances of native and Invasive Insects.

The Coachella Valley Mosquito and Vector Control District Board of Trustees, are appointed positions (Not elected officials) through area City's and the County of Riverside. The action of only having to notify all the Coachella Valley "Taxed" Residents by placing a one (1) day newspaper notice ten (10) days before the scheduled Public Hearing and having the ability to readily Increase revenue by massive amounts are not only morally wrong but helps to disenfranchise the general public.

Sincerely,

Brad Anderson | Rancho Mirage, CA.

July 09, 2019

Coachella Valley Mosquito and Vector Control District (CVMVCD)

43420 Trader Pl.

Indio, CA. 92201

(888) 343-9399 - [www.cvmvcd.org](http://www.cvmvcd.org)

Attn: Clerk of the Board, and the Board of Trustees

Re: Written letter to be entered in to the Public record for the CVMVCD Public meeting held on the date of: July 09, 2019 In regards to Item: 11 – B (Purchased of Chemical Pesticides)

Dear Coachella Valley Mosquito and Vector Control District Board of Trustees,

Please consider the actions (recommendations) of the last Grand Jury Investigation that was conducted on the operations of the CVMVCD. And please consider the past actions of the now acting Interim Manager (Roberta "Bobbie" Dieckmann) with regards to employee relations and past documented employment hearing (Recorded Minutes) that has shown disingenuous remarks and lack of creditability. The poor performance of this CVMVCD supervisor to act in the best interest of the Public has been violated and potential will continue with the involvement with CVMVCD paid vendor's. Please reconsider the placement of another trusted administrative level position person(s) or external company to manage any control functions with regards to Public monies and its potential influences.

Sincerely,

Brad Anderson | Rancho Mirage, CA.

July 09, 2019

Coachella Valley Mosquito and Vector Control District (CVMVCD)

43420 Trader Pl.

Indio, CA. 92201 - [www.cvmvcd.org](http://www.cvmvcd.org)

Attn: Clerk of the Board, and the Board of Trustees

Re: Written letter to be entered in to the Public record for Item: 10 – G ( Refund of Moines/Benefit assessment) for the July 09, 2019 Board of Trustees Meeting

Dear Coachella Valley Mosquito and Vector Control District Board of Trustees,

Please consider Increasing the appeal dead line of the current one (1) year for taxed Residents of the Coachella Valley Benefit Assessment. As this refund Illustrates, there were mistakes made and their maybe potential other properties that are assessed Incorrectly and notices should be advertised to the local community of this blunder. It appears that this refund took over six (6) months to be processed, by the current CVMVCD General Manager (Mr. Wittie).

Sincerely,

Brad Anderson | Rancho Mirage, CA.

# Coachella Valley Mosquito and Vector Control District

Checks Issued for the Period of:

July 10 - August 12, 2019

Check No	Payable To	Description	Check Amount	Total Amount
	Payroll Disbursement	July 12, 2019	190,378.57	
	Payroll Disbursement	July 26, 2019	189,972.14	
	Payroll Disbursement	August 9, 2019	191,977.80	
				<b>572,328.51</b>
<b>Pre-Approved Expenditures:</b>				
42382	CalPERS Healthcare Acct	Healthcare Premiums - July 2019	75,543.37	
42383	CalPERS - Retirement Acct	Retirement Contributions: 6/12 & 6/28 2019 PP (Classic & PEPR Plan)	50,762.25	
42384	ICMA Retirement Trust	Deferred Compensation Contributions	19,425.29	
42385	Principal Life Insurance Co.	Dental & Life Ins Premiums: July 2019	10,354.73	
42386	Standard Insurance Company	LTD Insurance Premiums: July 2019	3,189.76	
42388	Vision Service Plan (CA)	Vision Insurance Premiums: July 2019	896.54	
42389	CalPERS Healthcare Acct	Healthcare Premiums - August 2019	72,218.30	
42390	CalPERS-OPEB Contributions	Unfunded Accrued Liability Lump Sum	752,284.00	
42391	CalPERS - Retirement Acct	Retirement Contributions: 7/6 2019 PP (Classic & PEPR Plan)	26,424.10	
42392	ICMA Retirement Trust	Deferred Compensation Contributions	9,607.39	
42393	Petty Cash Chkng Account Custodian	Petty Cash Checking Replenishment	777.41	
42394	Principal Life Insurance Co.	Dental & Life Ins Premiums: August 2019	9,691.49	
42395	Standard Insurance Company	LTD Insurance Premiums: August 2019	3,189.76	
42397	Vision Service Plan (CA)	Vision Insurance Premiums: August 2019	877.05	
<b>Cash - First Foundation Bank Checking</b>				<b>1,035,241.44</b>
<b>Cash - First Foundation Bank Checking</b>				
42381	Zaretsky Engineering Solutions	Repair & Maintenance	3,600.00	
42387	Verizon Connect	IT Communications	1,102.00	
42396	Verizon Connect	IT Communications	1,102.00	
42398	Advance Imaging Systems	Contract Services	421.21	
42399	Airgas Safety Inc.	Operating Supplies	1,401.29	
42400	Albourn & Associates LLC	Professional Fees	22.50	
42401	American Engraving Co.	Reproduction and Printing	938.74	
42402	CarQuest Auto Parts	Vehicle Parts & Supplies	63.39	
42403	Cary Company, The	Operating Supplies	635.83	
42404	Cintas Corporation #3	Uniform Services	3,286.93	
42405	Clairemont Equipment	Equipment Rental	2,852.00	
42406	CleanExcel	Contract Services	3,496.00	
42407	C&R Wellness Works	Employee Assistance Program	319.50	
42408	CSI Ceja Security Intl.	Contract Services	975.00	
42409	Damon's Carpet Cleaning Supplies	Repair & Maintenance	60.00	
42410	Desert Air Conditioning	Repair & Maintenance	1,569.49	
42411	Desert Alarm, Inc.	Contract Services	989.70	
42412	Desert Sun Publishing Co	Public Outreach Advertising	2,737.56	
42413	Eisenhower Medical Center	Safety Expense	4,200.00	
42414	Eisenhower Occupational Health Serv	Physician Fees	180.00	
42415	Electric Car Sales & Service, Inc.	Capital Equipment - 4 Golf Carts	37,120.00	
42416	Employee Relations Inc.	Recruitment/Advertising	45.65	
42417	Entravision Communications Corporation	Public Outreach Advertising	3,060.00	
42418	Environmental Products & Apps, Inc.	Repair & Maintenance	900.00	
42419	Fedak & Brown, LLP	Auditing Services	500.00	
42420	Flags A Flying	Repair & Maintenance	215.50	
42421	Hummingbirds, Inc.	Aerial Applications	46,000.00	
42422	MAAS Companies, Inc.	Professional Fees	990.00	
42423	Marlin Business Bank	Contract Services	871.09	
42424	NAPA Auto & Truck Parts	Vehicle Parts and Supplies	418.49	
42425	Praxair Distribution, Inc.	Equipment Parts & Supplies	47.65	
42426	Puretec Industrial Water	Equipment Parts & Supplies	646.22	
42427	Refrigeration Supplies Distributor	Repair & Maintenance	424.21	
42428	Salton Sea Air Service	Aerial Application	25,100.00	
42429	Scott McCleod Plumbing Inc.	Repair & Maintenance	1,295.00	
42430	Slovak Baron Empey Murphey & Pinkney LLP	Attorney Fees	8,378.67	
42431	SoCo Group Inc., The	Motor, Fuel & Oil	11,347.64	
42432	South Coast AQMD	Permits, Licenses & Fees	806.34	
42433	Southwest Boulder & Stone	Repair & Maintenance	142.69	
42434	TCI Thermal Combustion Innovators, Inc.	Operating Supplies	337.15	
42435	Tops N Barricades, Inc.	Repair & Maintenance	147.57	
42436	UPS	Postage	62.74	
42437	Valley Lock & Safe	Repair & Maintenance	164.29	
42438	Vector Control Joint Powers Agency	Annual Workers Compensation & Liability Insurance	367,455.00	
42439	Waterlogic Americas LLC	Employee Support	213.15	
42440	Willdan Financial Services	Benefit Assessment Engineering Services	6,737.50	
42441	Zeigler Bros., Inc.	Operating Supplies	334.06	
42442	US Bank	CalCard Statement 7/2019	176,200.25	
42443	Hummingbirds, Inc.	Aerial Application	18,400.00	
<b>Cash - First Foundation Bank Check Run Total to be Approved</b>				<b>738,314.00</b>
<b>Total Expenditures: July 10 - August 12, 2019</b>				<b>2,345,883.95</b>

# Coachella Valley Mosquito and Vector Control District

Checks Issued for the Period of:

July 10 - August 12, 2019

Check No	Payable To	Description	Check Amount	Total Amount
	Doug Hassett, President	Clive Weightman, Treasurer		

# Coachella Valley Mosquito and Vector Control District

Checks Issued for the Period of:

August 13 - September 3, 2019

Check No	Payable To	Description	Check Amount	Total Amount
	Payroll Disbursement	August 23, 2019	188,000.42	
				<b>188,000.42</b>
<b>Cash - First Foundation Bank Checking</b>				
42444	Advance Imaging Systems	Contract Services	62.21	
42445	Airgas Safety Inc.	Lab & Supplies	916.72	
42446	Burrtec Waste Industries	Utilities	16.40	
42447	CarQuest Auto Parts	Vehicle Parts and Supplies	1,475.92	
42448	Cintas Corporation #3	Uniform Expense	1,257.13	
42449	Patti Corporation dba Civic Plus, LLC	Website Redesign - Final Payment	7,050.00	
42450	Clairemont Equipment	Repair & Maintenance	59.50	
42451	C&R Wellness Works	Employee Assistance Services	306.00	
42452	CSI Ceja Security Intl.	Contract Services	975.00	
42453	Daniel's Tire Service	Tires Services	3,056.60	
42454	Desert Air Conditioning	Repair & Maintenance	98.00	
42455	Desert Electric Supply	Repair & Maintenance	134.13	
42456	Equipment Direct, Inc.	Safety Supplies	1,540.77	
42457	Ferguson Enterprises	Repair & Maintenance	8.32	
42458	Flags A Flying	Repair & Maintenance	650.00	
42459	Gempler's Inc.	Safety Expense	134.50	
42460	High Tech Irrigation, Inc.	Repair & Maintenance	190.97	
42461	Inland Power Equipment Co.	Equipment Parts & Supplies	280.19	
42462	Jernigan's Sporting Goods, Inc.	Safety Expense	272.86	
42463	Crystal Moreno	Tuition Reimbursement	1,198.95	
42464	NAPA Auto & Truck Parts	Vehicle Parts and Supplies	413.75	
42465	Norman's Nursery, Inc.	Repair & Maintenance	133.83	
42466	Pitney Bowes Global Financial Svcs	Postage	305.43	
42467	Powers Awards	Repair & Maintenance	1,677.80	
42468	Praxair Distribution, Inc.	Equipment Parts & Supplies	48.89	
42469	Refrigeration Supplies Distributor	Repair & Maintenance	484.63	
42470	Salton Sea Air Service	Aerial Application	4,550.00	
42471	SoCo Group Inc., The	Motor Fuel & Oil	5,739.38	
42472	TCI Thermal Combustion Innovators, Inc.	Operating Supplies	421.48	
42473	Thermo Fisher Scientific LLC	Equipment Parts & Supplies	717.85	
42474	Tops N Barricades, Inc.	Repair & Maintenance	174.22	
42475	UPS	Postage	67.61	
42476	U.S. Foods	Chemical Control	491.47	
42477	Valley Lock & Safe	Repair & Maintenance	23.34	
42478	Waxie Sanitary Supply	Household Supplies	193.61	
42479	US Bank	CalCard 8/22/2019 Statement	93,740.16	
<b>Cash - First Foundation Bank Check Run Total to be Approved</b>				<b>128,867.62</b>
<b>Total Expenditures: August 13 - September 3, 2019</b>				<b>316,868.04</b>

Doug Hassett, President

Frank De Klotz, Vice President

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

	Beginning of the Month	Change During the Month	End of the Month
INVESTMENTS	11,505,342	(967,592)	10,537,751
CASH	129,791	7,788	137,579
INVESTMENTS & CASH	11,635,133	(959,804)	10,675,329
CURRENT ASSETS	1,751,858	283,782	2,035,640
FIXED ASSETS	10,624,757	-	10,624,757
OTHER ASSETS	5,111,294	-	5,111,294
TOTAL ASSETS	29,123,043	(676,022)	28,447,021
TOTAL LIABILITIES	5,837,118	(145,402)	5,691,716
TOTAL DISTRICT EQUITY	23,285,925	(530,620)	22,755,305
TOTAL LIABILITIES & EQUITY	29,123,043	(676,022)	28,447,021
RECEIPTS		\$ 195,742	
CASH DISBURSEMENTS			
Payroll	\$ 397,771		
General Admin	\$ 757,755		
Total Cash Disbursements		\$ (1,155,526)	
NON-CASH ENTRIES:		\$ 283,762	
Accrual Modifications -			
Changes in A/P, A/R & Pre-paid insurance			
Change during Month - Excess of Cash over Receipts & Non-Cash Adjustments		\$ (676,022)	



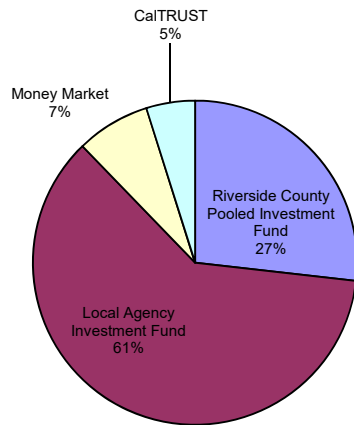
**CVMVCD**  
Cash Journal - deposits  
From 8/1/2019 Through 8/31/2019

Effective ...	Transaction Description	Deposits	Payee/Recipient Name
8/1/2019	August County Receipts	97,115.16	Riverside County
8/6/2019	August County Receipts	9,523.44	Riverside County
8/9/2019	Benefit Assessment SS3	46,449.34	Riverside County
8/15/2019	August County Receipts	4,934.26	Riverside County
8/19/2019	August County Receipts	8,890.74	Riverside County
8/19/2019	August Receipts	1,472.00	Vector Control Joint Powers Agency
8/24/2019	August County Receipts	27,241.68	Riverside County
8/31/2019	August Receipts - Bank Interest	<u>115.53</u>	First Foundation Bank
Report Total		<u>195,742.15</u>	

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

INSTITUTION	IDENTIFICATION	Issue Date	Maturity Date	YIELD	General Fund	Thermal Capital Fund	Capital Equipment Replacement Fund	Capital Facility Replacement Fund	BALANCE
	<b>Investment Fund Balance</b>				6,710,824	485,696	1,513,934	1,827,298	\$ 10,537,751
LAIF	Common Investments			2.34%	4,092,912	296,225	923,344	1,114,464	\$ 6,426,944
Riverside County	Funds 51105 & 51115			2.29%	1,797,441	130,090	405,495	489,427	\$ 2,822,453
CalTRUST	Medium Term Fund			2.00%	325,937	23,590	73,530	88,750	\$ 511,806
First Foundation	Market Rate			0.25%	494,534	35,792	111,565	134,657	\$ 776,547
	<b>Total Investments</b>				6,710,824	485,696	1,513,934	1,827,298	<b>\$ 10,537,751</b>

**PORTFOLIO COMPOSITION AS OF AUGUST 31, 2019  
WEIGHTED YIELD 2.16%**



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 - Unposted Transactions Included In Report  
From 8/1/2019 Through 8/31/2019  
(In Whole Numbers)

		Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Percent Annual Budget
<b>Revenues</b>										
4000	Property Tax - Current...	3,825,113	0	0	0	0	0	0	(3,825,113)	(100)%
4010	Property Tax - Curr. S...	45,034	0	0	0	0	0	0	(45,034)	(100)%
4020	Property Tax - Curr. U...	170,237	0	0	0	0	0	0	(170,237)	(100)%
4030	Homeowners Tax Relief	42,209	0	0	0	0	0	0	(42,209)	(100)%
4070	Property Tax - Prior S...	27,704	0	0	0	0	0	0	(27,704)	(100)%
4080	Property Tax - Prior U...	8,493	0	0	0	0	0	0	(8,493)	(100)%
4090	Redevelopment Pass-...	4,478,852	0	0	0	0	0	0	(4,478,852)	(100)%
4520	Interest Income - LAI...	200,000	0	255	255	0	116	116	(199,745)	(100)%
4530	Other Miscellaneous R...	63,000	10,500	5,090	(5,410)	5,250	1,472	(3,778)	(57,910)	(92)%
4551	Benefit Assessment In...	2,147,755	0	0	0	0	0	0	(2,147,755)	(100)%
	<b>Total Revenues</b>	<b>11,008,397</b>	<b>10,500</b>	<b>5,345</b>	<b>(5,155)</b>	<b>5,250</b>	<b>1,588</b>	<b>(3,662)</b>	<b>(11,003,052)</b>	<b>(100)%</b>
<b>Expenditures</b>										
<b>Payroll Expenses</b>										
5101	Payroll - FT	4,848,777	808,130	607,144	200,986	404,065	346,329	57,736	4,241,633	87 %
5102	Payroll Seasonal	205,140	34,190	38,268	(4,078)	17,095	21,878	(4,783)	166,872	81 %
5103	Temporary Services	6,900	1,150	0	1,150	575	0	575	6,900	100 %
5105	Payroll - Overtime Exp...	18,700	3,117	9,102	(5,986)	1,558	5,962	(4,403)	9,598	51 %
5150	CalPERS State Retire...	1,221,020	834,949	770,148	64,801	38,607	(18,714)	57,321	450,873	37 %
5155	Social Security Expense	304,643	50,774	41,757	9,016	25,387	23,855	1,532	262,885	86 %
5165	Medicare Expense	71,247	11,875	10,788	1,087	5,937	6,601	(663)	60,460	85 %
5170	Cafeteria Plan	1,093,206	182,201	177,871	4,330	91,101	3,684	87,416	915,336	84 %
5172	Retiree Healthcare	352,420	58,737	4,186	54,551	29,368	0	29,368	348,234	99 %
5180	Deferred Compensation	105,231	17,539	(19,818)	37,357	8,769	(11,399)	20,169	125,049	119 %
5195	Unemployment Insura...	32,066	5,344	1,897	3,447	2,672	920	1,752	30,169	94 %
	<b>Total Payroll Expenses</b>	<b>8,259,352</b>	<b>2,008,004</b>	<b>1,641,343</b>	<b>366,662</b>	<b>625,135</b>	<b>379,115</b>	<b>246,019</b>	<b>6,618,009</b>	<b>80 %</b>
<b>Administrative Expenses</b>										
5250	Tuition Reimbursement	15,000	2,500	1,199	1,301	1,250	1,199	51	13,801	92 %
5300	Employee Incentive	10,000	1,667	0	1,667	833	0	833	10,000	100 %
5301	Employee Support	3,500	583	599	(16)	292	386	(94)	2,901	83 %
5302	Wellness	600	100	185	(85)	50	185	(135)	415	69 %
5305	Employee Assistance ...	3,500	583	936	(353)	292	306	(14)	2,564	73 %
6000	Property & Liability In...	114,911	23,485	23,713	(228)	11,743	11,856	(114)	91,198	79 %

**CVMVCD**  
Statement of Revenue and Expenditures - Unposted Transactions Included In Report  
From 8/1/2019 Through 8/31/2019  
(In Whole Numbers)

		Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Percent Annual Budget
6001	Workers' Compensatio...	180,303	37,551	37,530	21	18,775	18,765	10	142,773	79 %
6050	Dues & Memberships	28,500	23,835	18,405	5,430	418	6,027	(5,610)	10,095	35 %
6060	Reproduction & Printing	26,750	4,458	1,003	3,455	2,229	0	2,229	25,747	96 %
6065	Recruitment/Advertising	7,000	1,167	2,090	(924)	583	1,665	(1,082)	4,910	70 %
6070	Office Supplies	19,200	3,200	3,629	(429)	1,600	2,140	(540)	15,571	81 %
6075	Postage	5,500	917	148	769	458	127	331	5,352	97 %
6080	Computer & Network ...	5,000	833	492	341	417	86	330	4,508	90 %
6085	Bank Service Charges	120	20	0	20	10	0	10	120	100 %
6090	Local Agency Formati...	1,200	1,200	2,287	(1,087)	0	0	0	(1,087)	(91)%
6095	Professional Fees	52,500	8,750	2,513	6,237	4,375	1,284	3,091	49,987	95 %
6100	Attorney Fees	49,000	8,167	8,379	(212)	4,083	8,379	(4,295)	40,621	83 %
6106	HR Risk Management	4,500	750	5,625	(4,875)	375	0	375	(1,125)	(25)%
6110	Conference Expense	53,500	7,067	625	6,442	3,533	0	3,533	52,875	99 %
6115	In-Lieu	13,200	2,200	18,678	(16,478)	1,100	17,578	(16,478)	(5,478)	(41)%
6120	Trustee Support	4,800	800	392	408	400	0	400	4,408	92 %
6200	Meetings Expense	4,620	770	386	384	385	178	207	4,234	92 %
6210	Promotion & Education	26,500	4,417	1,860	2,556	2,208	1,860	348	24,640	93 %
6220	Public Outreach Adver...	45,000	7,500	1,362	6,138	3,750	5	3,745	43,638	97 %
6500	Benefit Assessment Ex...	96,000	8,000	6,738	1,263	0	6,738	(6,738)	89,263	93 %
	Total Administrative Expe...	770,704	150,519	138,774	11,745	59,160	78,765	(19,606)	631,930	82 %
	Utilities									
6400	Utilities	105,000	17,500	25,376	(7,876)	8,750	19,205	(10,455)	79,624	76 %
6410	Telecommunications	11,000	1,833	5,089	(3,256)	917	160	757	5,911	54 %
	Total Utilities	116,000	19,333	30,465	(11,132)	9,667	19,364	(9,698)	85,535	74 %
	Operating									
7000	Uniform Expense	30,500	5,250	5,627	(377)	2,525	2,705	(180)	24,873	82 %
7050	Safety Expense	25,000	4,167	2,632	1,535	2,083	2,523	(440)	22,368	89 %
7100	Physican Fees	5,000	833	180	653	417	180	237	4,820	96 %
7150	IT Communications	40,000	6,667	4,793	1,873	3,333	2,933	400	35,207	88 %
7200	Household Supplies	4,000	667	666	0	333	335	(2)	3,334	83 %
7300	Repair & Maintenance	42,000	7,000	8,829	(1,829)	3,500	5,853	(2,353)	33,171	79 %
7310	Maintenance & Calibra...	7,800	1,300	0	1,300	650	0	650	7,800	100 %
7350	Permits, Licenses & F...	21,750	3,625	806	2,819	1,813	806	1,006	20,944	96 %
7400	Vehicle Parts & Supplies	39,600	6,600	6,348	252	3,300	5,367	(2,067)	33,252	84 %

**CVMVCD**  
Statement of Revenue and Expenditures - Unposted Transactions Included In Report  
From 8/1/2019 Through 8/31/2019  
(In Whole Numbers)


		Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Percent Annual Budget
7420	Offsite Vehicle Maint ...	17,000	2,833	3,431	(598)	1,417	3,052	(1,636)	13,569	80 %
7450	Equipment Parts & Su...	15,500	2,583	3,014	(431)	1,292	2,034	(742)	12,486	81 %
7500	Small Tools Furniture ...	1,700	283	215	68	142	215	(73)	1,485	87 %
7550	Lab Supplies & Expense	36,500	6,083	4,447	1,636	3,042	3,279	(238)	32,053	88 %
7570	Aerial Pool Surveillance	25,000	4,167	0	4,167	2,083	0	2,083	25,000	100 %
7575	Surveillance	52,000	8,667	15,593	(6,926)	4,333	9,580	(5,246)	36,407	70 %
7600	Staff Training	87,250	14,542	14,882	(340)	7,271	6,903	368	72,368	83 %
7650	Equipment Rental	1,000	167	2,952	(2,785)	83	100	(17)	(1,952)	(195)%
7675	Contract Services	154,800	25,800	12,685	13,115	12,900	6,312	6,588	142,115	92 %
7700	Motor Fuel & Oils	80,200	13,367	25,312	(11,945)	6,683	11,911	(5,227)	54,888	68 %
7750	Field Supplies	9,400	1,567	3,367	(1,800)	783	649	134	6,033	64 %
7800	Control Products	785,000	130,833	147,734	(16,901)	65,417	25,030	40,387	637,266	81 %
7850	Aerial Applications	124,500	20,750	98,750	(78,000)	10,375	86,225	(75,850)	25,750	21 %
8415	Capital Outlay	53,300	8,883	4,665	4,218	4,442	2,069	2,372	48,635	91 %
8510	Research Projects	150,000	0	0	0	0	0	0	150,000	100 %
9000	Contingency Expense	150,000	25,000	0	25,000	12,500	0	12,500	150,000	100 %
	Total Operating	1,958,800	301,633	366,929	(65,296)	150,717	178,061	(27,344)	1,591,871	81 %
	Contribution to Capital Res...									
8900	Transfer to other funds	503,547	83,925	83,925	0	41,962	41,962	0	419,623	83 %
	Total Contribution to Capit...	503,547	83,925	83,925	0	41,962	41,962	0	419,623	83 %
	Total Expenditures	11,608,403	2,563,415	2,261,436	301,979	886,640	697,268	189,372	9,346,967	81 %
	Net revenue over/(under) e...	(600,006)	(2,552,915)	(2,256,091)	296,824	(881,390)	(695,681)	185,709	(1,656,085)	276 %

**CVMVCD**  
Balance Sheet  
As of 8/31/2019

		<u>Current Year</u>
<b>Assets</b>		
Cash and Investments		
1000	Cash - Investments	10,537,750.64
1016	Petty Cash	500.00
1017	Petty Cash Checking	1,500.00
1025	First Foundation - General	29,444.02
1026	First Foundation - Payroll	106,134.59
	Total Cash and Investments	<u>10,675,329.25</u>
Current Assets		
1050	Accounts Receivable	130,931.45
1085	Inventory	510,872.04
1168	Prepaid Insurance	306,212.53
1169	Deposits	1,087,624.00
	Total Current Assets	<u>2,035,640.02</u>
Fixed Assets		
1170	Construction in Progress	7,050.00
1300	Equipment/Vehicles	2,124,325.38
1310	Computer Equipment	450,521.22
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	7,010,114.46
1342	Bio Control Equip/Furn	32,034.05
1399	Accumulated Depreciation	(9,652,522.60)
	Total Fixed Assets	<u>10,624,757.37</u>
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	0.02
	Total Other Assets	<u>5,111,294.34</u>
	Total Assets	<u><u>28,447,020.98</u></u>
<b>Liabilities</b>		
Short-term Liabilities		
Accounts Payable		
2015	Credit Card Payable	93,589.99
2020	Accounts Payable	37,407.94
2030	Accrued Payroll	0.06
2040	Payroll Taxes Payable	0.08
2185	Employee Dues	0.04

**CVMVCD**  
Balance Sheet  
As of 8/31/2019

		<b>Current Year</b>
		<hr/>
	Total Accounts Payable	130,998.11
	Total Short-term Liabilities	<hr/> 130,998.11
	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	689,034.56
	Total Long-term Liabilities	<hr/> 5,560,717.92
	Total Liabilities	<hr/> 5,691,716.03
Fund Balance		
	Non Spendable Fund Balance	
3920	Investment in Fixed Assets	10,698,793.35
3945	Reserve for Prepaids & Deposit	1,373,799.43
3960	Reserve for Inventory	532,128.63
	Total Non Spendable Fund Balance	<hr/> 12,604,721.41
	Committed Fund Balance	
3965	Public Health Emergency	4,103,640.00
	Total Committed Fund Balance	<hr/> 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	<hr/> 6,463,344.00
	Unassigned Fund Balance	
3900	Fund Equity	1,513,538.30
3999	P&L Summary	248,865.31
	Total Unassigned Fund Balance	<hr/> 1,762,403.61
	Current YTD Net Income	
		(2,178,804.07)
	Total Current YTD Net Income	<hr/> (2,178,804.07)
	Total Fund Balance	<hr/> 22,755,304.95
	Total Liabilities and Net Assets	<hr/> <hr/> 28,447,020.98

	<p><b>Coachella Valley Mosquito and Vector Control District</b></p> <p><b>Staff Report</b></p>	<p><b>September 10, 2019</b></p>
<p><b>Agenda Item:</b> Informational Item</p> <p>District Travel and Training Opportunities– <b>Grace Morales, Executive Assistant/Clerk of the Board</b></p>		
<p><b>Background:</b></p> <p><b>September 25-28, 2019: CSDA Annual Conference (Anaheim, CA)</b>  “The CSDA Annual Conference &amp; 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.”  <b>Requests to attend must be made by the September 2019 Board Meeting.</b></p> <p><b>January 26-29, 2020: Mosquito and Vector Control Association of California (San Diego, CA)</b>  The annual MVCAC Conference provides quality public information, comprehensive mosquito and vector-borne disease surveillance, training to high professional standards, and effective legislative advocacy on behalf of California mosquito and vector control districts. MVCAC promotes cost effective methods of mosquito and vector control as a means to protect public health and safety. MVCAC actively promotes the safe and effective use of public health pesticides. MVCAC does this through legislative advocacy, public education and media relations.  <b>Requests to attend must be made by the November 2019 Board Meeting.</b></p> <p>The following are conferences and meetings that are currently scheduled to be attended:</p> <p><b>MVCAC Fall Meeting – October 29-30, 2019:</b></p> <ul style="list-style-type: none"> <li>• Jeremy Wittie, General Manager</li> <li>• Jennifer Henke, Laboratory Manager</li> <li>• Kim Hung, Vector Ecologist</li> <li>• Roberta Dieckmann, Interim Operations Manager</li> <li>• Tammy Gordon, Public Information Officer</li> </ul> <p><b>CSDA Clerk of the Board Conference – November 12-14, 2019:</b></p> <ul style="list-style-type: none"> <li>• Graciela Morales, Executive Assistant/Clerk of the Board</li> </ul>		



On Demand Webinars Offered Through CSDA.net	
Description	Cost
<b>Good Governance</b> <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>	\$55.00
<b>Keeping up the Brown Act</b> <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>	\$55.00

### Board Business Status Log 2019

Board Action Item / Description		Month	Status	Comment
<b>Agreements</b>				
	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 type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Agreement with NSW, 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"/>	
	Agreement with Onyx for Paving and Landscaping Project at the Thermal Facility	June	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Agreement with Health Career Connection for Intern for the Laboratory Department	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
<b>Policies</b>				
<b>Purchases Range = \$5k to \$10K</b>				
	Donation to the AMCA Research Foundation	June	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
<b>Purchases Greater than \$10K</b>				
	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 type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Annual Renewal of Abila, MIP Fund Accounting, Maintenance and Support	May	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Purchase (1) One 2019 ARGO Frontier Amphibious Tract Vehicle	May	In Progress <input checked="" type="checkbox"/> Completed <input type="checkbox"/>	Manufacturer currently back logged on production.
	Purchase of Additional Control Products for FY18-19	June	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Purchase of Supplies for Arbovirus Testing from ThermoFisher Scientific	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Purchase One Super Duty Mist Sprayer for Area Wide Larvicide Applications	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	

	Purchase of Additional Control Products for FY18-19	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Purchase Control Products From the Lowest Responsible Bidders or Sole-Source Providers	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
<b>Resolutions</b>				
	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"/>	
	Resolution 2019-05 In Recognition of Carlos Hernandez 25 Years of Service to the District Employee Pay Schedule	June	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Resolution 2019-06 Approving FY 2019-20 Budget	June	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Resolution 2019-07 Intention to Levy Assessments for FY 2019-20	June	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	

	Resolution 2019-08 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering the Levy of Assessments for Fiscal Year 2019-20	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Resolution 2019-09, Authorizing Attendance of Professional Development Conferences and Meetings by Members of The Board of Trustees and Employees of the District for Fiscal Year 2019-2020	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
	Resolution 2019-10, Adopting Employee Pay Schedule	July	In Progress <input type="checkbox"/> Completed <input checked="" type="checkbox"/>	
<b>Other</b>				
	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, 2,000 Gallon Decommissioned 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"/>	



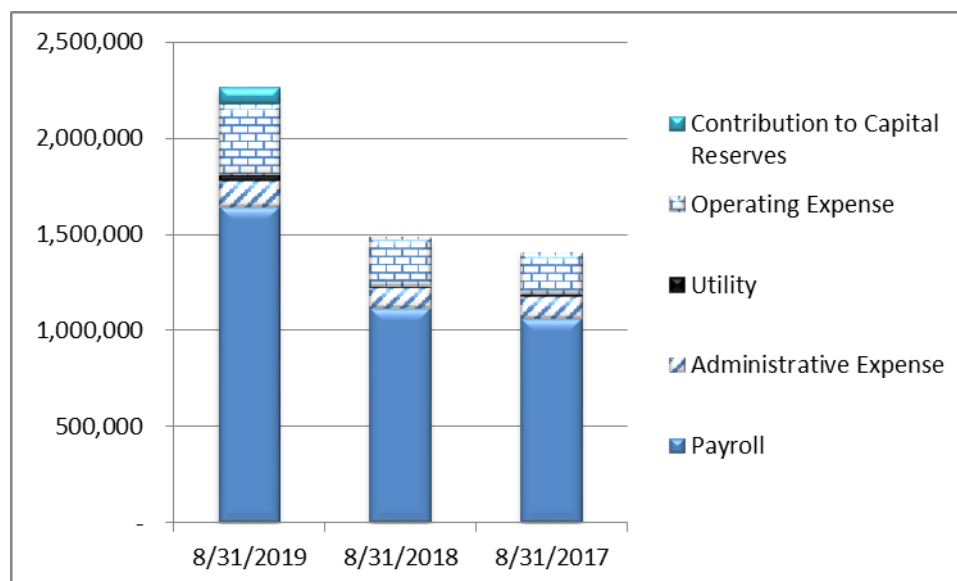
# DEPARTMENT REPORTS

## FINANCE

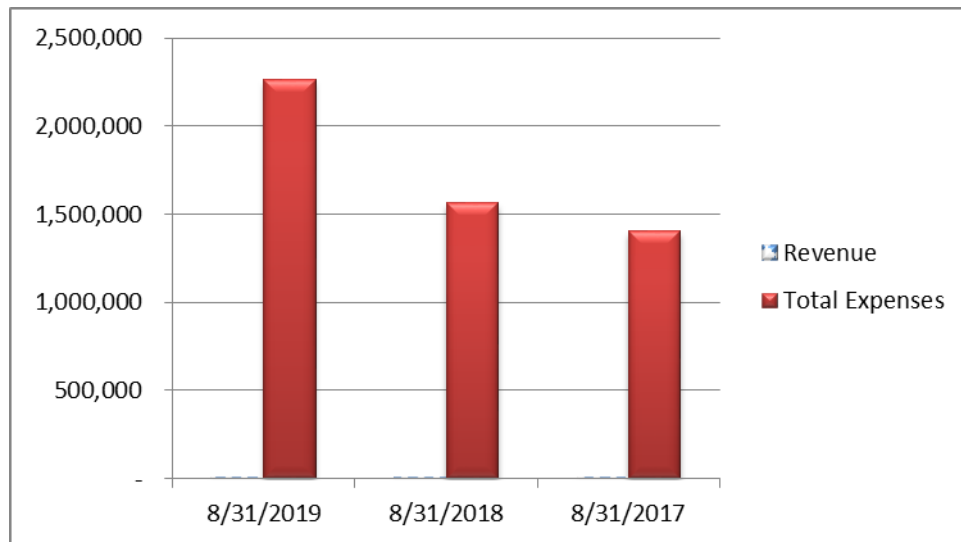
The financial reports show the preliminary balance sheet, receipts, and the revenue and expenditure reports for the month ending August 31, 2019. The revenue and expenditure report shows that the operating budget expenditure for July 1, 2019 to August 31, 2019 is \$2,261,436; total revenue is \$5,345 resulting in excess revenue over (under) expenditure for the year to August 31, 2019 of (\$2,256,091).

### THREE YEAR FINANCIALS

	8/31/2019	8/31/2018	8/31/2017
<b>Total Revenue</b>	<b>5,345</b>	<b>5,427</b>	<b>2,961</b>
Expenses			
Payroll	1,641,343	1,115,620	1,059,884
Administrative Expense	138,774	104,735	115,025
Utility	30,465	8,399	11,704
Operating Expense	366,929	253,966	218,247
Contribution to Capital Reserves	83,925	80,436	
<b>Total Expenses</b>	<b>2,261,436</b>	<b>1,563,156</b>	<b>1,404,860</b>
<b>Profit (Loss)</b>	<b>(2,256,091)</b>	<b>(1,557,729)</b>	<b>(1,401,899)</b>



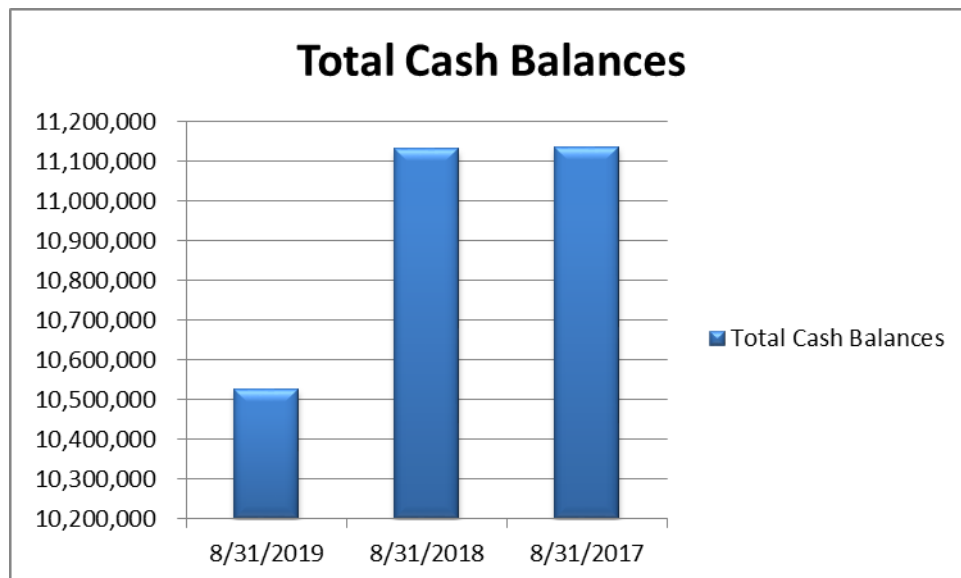
**Figure 1 Three Year Expenditure**



**Figure 2 Three Year Revenue & Expenditure**

### THREE YEAR CASH BALANCE

CASH BALANCES	8/31/2019	8/31/2018	8/31/2017
Investment Balance	10,390,045	11,022,396	11,011,264
Checking Accounting	29,444	23,779	11,967
Payroll Account	106,135	83,988	111,174
Petty Cash	2,000	2,000	2,000
<b>TOTAL CASH BALANCES</b>	<b>10,527,624</b>	<b>11,132,163</b>	<b>11,136,405</b>



**Figure 3 Cash Balances**



### DISTRICT INVESTMENT PORTFOLIO 8/31/2019

The District's investment fund balance for the period ending August 31, 2019 is \$10,390,045. The portfolio composition is shown in the pie chart. Local Agency Investment Fund (LAIF) accounts for 61% of the District's investments; the Riverside County Pooled Investment Fund is 27% of the total. The LAIF yield for the end of December was 2.34% and the Riverside County Pooled Investment Fund was 2.29%; this gives an overall weighted yield for District investments of 2.16%.

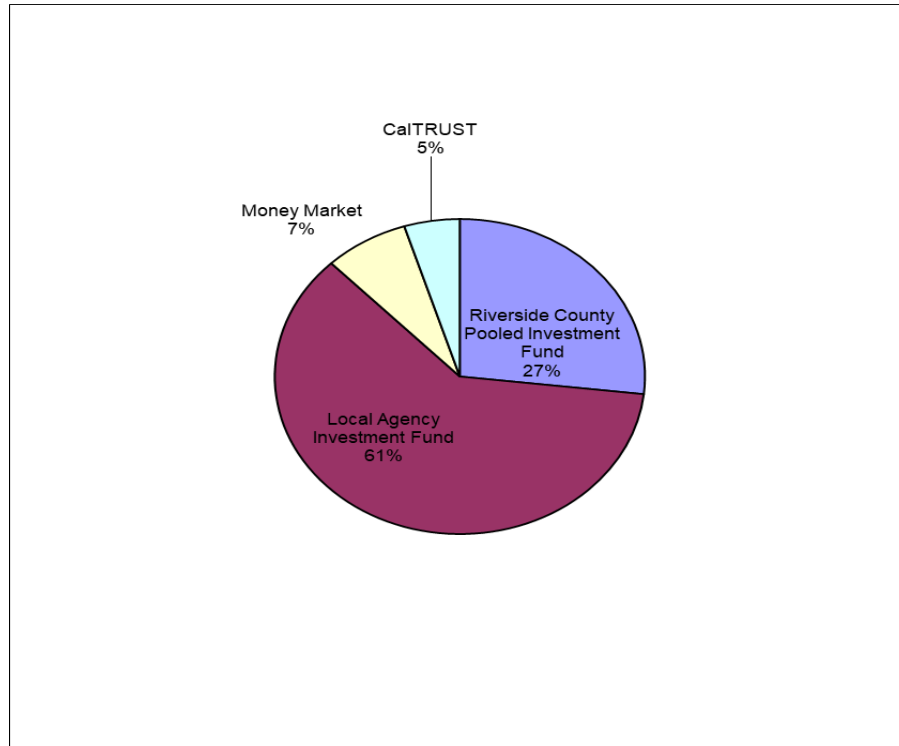


Figure 4 Investment Portfolio 8-31-19

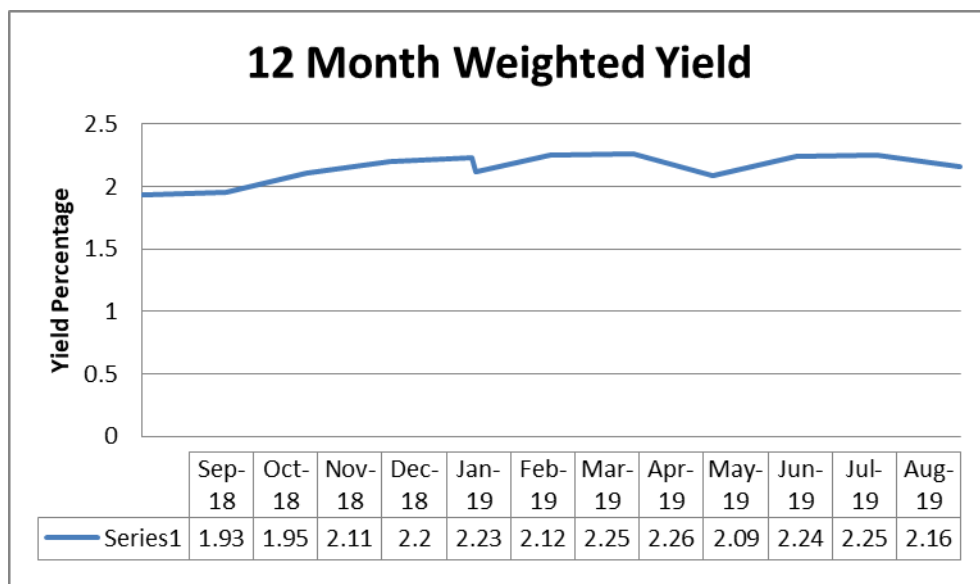
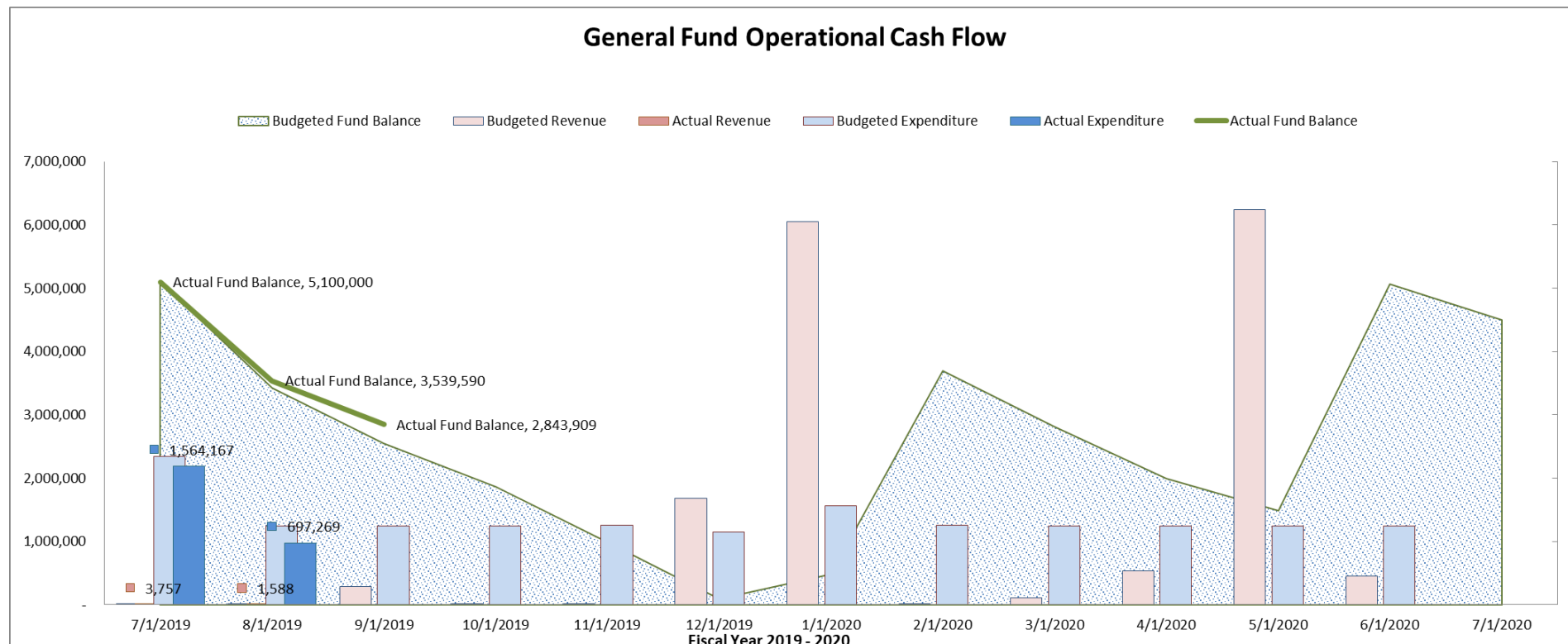


Figure 5 District Investments Weighted Yield



The **General Fund Operational Cash Flow** graph outlines the District's working capital for the fiscal year July 1 2019 to June 30 2020. The beginning fund balance is \$5.1 million 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. July expenditure is higher than average because of the prefunding lump sum of \$750,000 for CalPERS unfunded liability. 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 \$5.1 million **Fund Balance** plus total Revenue for July 1 to August 31, 2019 of \$5.1 million minus total Expenditure of \$2.26 million is \$2.8 million. 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

- The following began work in June and August in the position of Seasonal Vector Control Operator:
  - Nathan Gallegos
  - Leon Mendoza
  - Eric Ortiz
  - Alfredo Anistro

### Training

- Supervisors and Managers attended the required two hour Sexual Harassment Training mandated by AB 1825 on July 10, 2019, at the District. The training was presented by Lena D. Wade, Esq., the District's legal counsel.

### Recruitment

- Recruitment is continuing for the position of Public Information Manager, Vector Control Trainee, and the position of Seasonal Vector Control Operator.

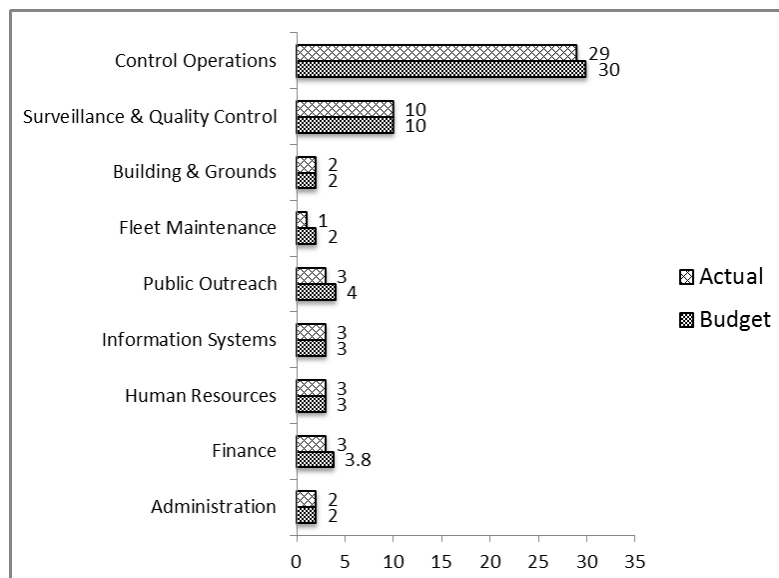
### Open Enrollment

- Open Enrollment for the District's health plans will begin September 9 and end October 2, 2019. Open enrollment is an opportunity to add or make changes to current benefit plans. Changes become effective January 1, 2020.

### Employee Donations

- District employees again this year participated in the Coachella Valley Rescue Mission's Backpack giveaway drive by donating needed school supplies for children of the Coachella Valley. This is the fifth year that the District has participated.

**Regular Employee Headcount by Program**

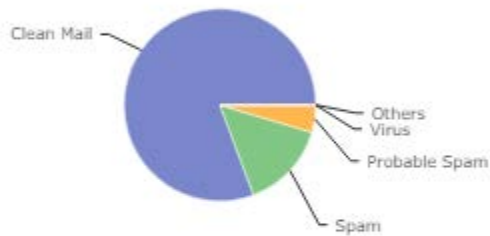


## INFORMATION TECHNOLOGY

### NETWORK SUMMARY: For period 2019-06-05 to 2019-08-30

<b>Applications &amp; web</b>	<b>Email</b>	<b>Web admin console logins</b>
Users & data transfer	<ul style="list-style-type: none"> <li>● Mails processed : 81412</li> <li>● Spam mails : 19456</li> <li>● Virus mails blocked : 17</li> </ul>	<ul style="list-style-type: none"> <li>● Successful : 52</li> <li>● Failed : 7</li> </ul>
<ul style="list-style-type: none"> <li>● User count : 70</li> <li>● Total user data transfer : 108.15 GB</li> </ul>		
<b>User applications</b>	<b>Network &amp; threats</b>	<b>System</b>
<ul style="list-style-type: none"> <li>● Applications accessed : 16920</li> <li>● High-risk applications accessed : 25</li> <li>● App risk score (out of 5) : 1.09</li> <li>● Blocked applications : 0</li> <li>● Application data transfer : 1.03 TB</li> </ul>	<b>VPN</b> <ul style="list-style-type: none"> <li>● VPN connections : 0</li> <li>● VPN traffic (L2TP,PPTP) : 0 B</li> </ul>	<ul style="list-style-type: none"> <li>● System restarts : 1</li> </ul>
	<b>RED</b>	<b>Updates</b>
	<ul style="list-style-type: none"> <li>● RED usage : 0 B</li> </ul>	<ul style="list-style-type: none"> <li>● Firmware updates installed : 0</li> <li>● Pattern updates installed : 285</li> </ul>
<b>Web</b>	<b>Wireless</b>	
<ul style="list-style-type: none"> <li>● Web domains accessed : 36046</li> <li>● Web domains blocked : 38</li> <li>● Objectionable web domains accessed : 322</li> <li>● Web data transfer : 623.12 GB</li> <li>● Web virus : 1</li> </ul>	<ul style="list-style-type: none"> <li>● Wireless AP count : 3</li> <li>● SSID count : 1</li> <li>● Max clients per SSID : 8</li> <li>● Avg clients per SSID : 1</li> </ul>	
	<b>IPS</b>	
<b>Business applications</b>	<ul style="list-style-type: none"> <li>● Intrusion attacks : 2475</li> <li>● Emergency + critical attacks : 3</li> </ul>	
<ul style="list-style-type: none"> <li>● Web server(s) count : 0</li> <li>● Blocked web server requests : 0</li> </ul>	<b>Advanced threat protection</b>	
	<ul style="list-style-type: none"> <li>● Host count : 2</li> <li>● Threat count : 1</li> <li>● Events : 12</li> </ul>	

### Mail traffic summary



Traffic	Mail count	Percent
Clean Mail	81412	80.7 %
Spam	14846	14.72 %
Probable Spam	4610	4.57 %
Virus	17	0.02 %
Others	1	0 %

**CPU usage**

CPU	Max	Min	Average
User	1.17%	0.62%	0.85%
SystemConfigurat...	0.18%	0.07%	0.11%
Idle	99.31%	98.69%	99.04%

**Memory usage**

Memory	Max	Min	Average
Free	9.16 GB	7.40 GB	8.14 GB
Used	4.23 GB	2.47 GB	3.49 GB
Total	11.63 GB	11.63 GB	11.63 GB

**Disk usage**

Partition	Max	Min	Average
Signature	2.00%	0.28%	1.97%
Config	23.00%	2.55%	20.35%
Reports	21.00%	2.83%	16.79%
Temp	0.82%	0.10%	0.71%

**Live users**

Live user	Max	Min	Average
LiveUsers	48.00	28.00	42.30

**Interface**

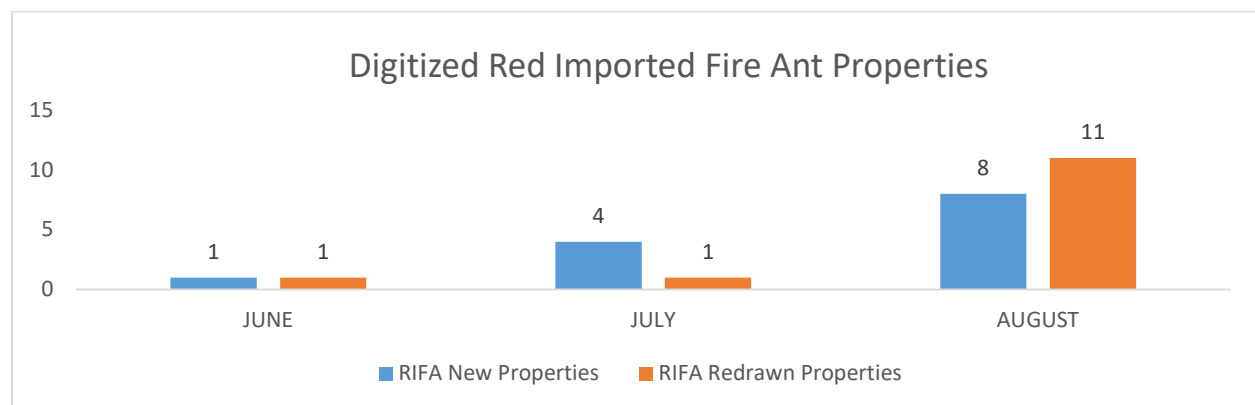
PORT	Transfer type	Max	Min	Average
Port1	ReceivedKBits	3721.17	53.41	810.54
Port1	TransmittedK...	4074.31	59.76	987.61
Port10	ReceivedKBits	0.0	0.0	0.0
Port10	TransmittedK...	0.0	0.0	0.0
Port11	ReceivedKBits	0.0	0.0	0.0

**HARDWARE REFRESH:** Instant Replacement Subscription, offered by Barracuda Networks, the District's Backup Cloud Provider. It entitles subscription holders the ability to exchange old hardware for new hardware, when the unit exceeds four years old, at no cost. The IT Department is replacing one of two units this month and is scheduling the second unit to be replaced in October 2019.

**HARDWARE REPLACEMENT:** One return merchandise authorization (RMA) was processed with Seagate, a hard drive manufacture who replaced a failing hard drive on our Intel server. Hard drive was delivered within two business days. No network interruption occurred.

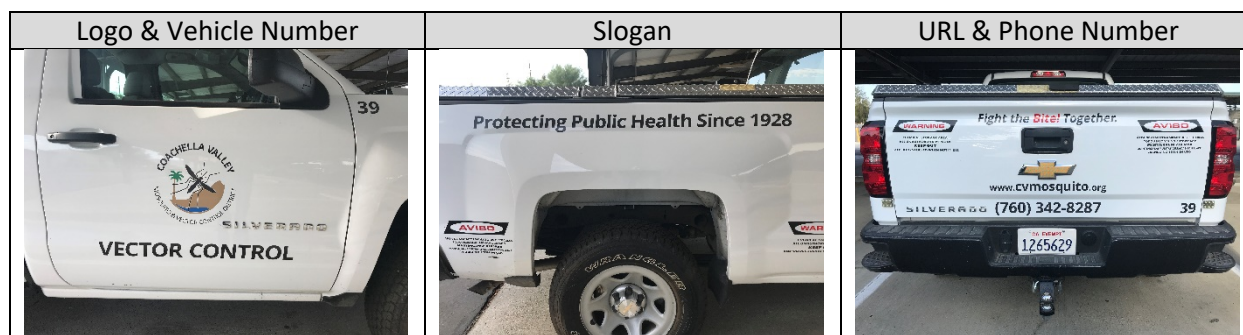
**ANTI-VIRUS:** The District Anti-Virus was updated to version 7.1.2045.5

**MOBILE INSPECTION APPLICATION:** In the reporting range, thirteen properties were re-digitized for the Mobile Inspection Application to assist Vector Control Technician's with Product Applications. Properties are being re-digitized to account for large properties migrating to desert landscaping, which reduces the treatable areas for the Red Imported Fire Ant. An additional thirteen new properties were added to the RIFA Program. The Mosquito Program added three new organic properties.

**FLEET SERVICES**

**VEHICLES:** All fourteen (14) Double-Cab Chevrolet 4X4 Pickup Trucks have been received using the State of California Contract #1-18-23-20D. Vehicles were approved at the September 11, 2018 Board of Trustees Meeting. Vehicles are being outfitted with safety lights, chemical storage containers and pressurized water pumps.

**RE-BRANDING:** All fourteen (14) new vehicles have been re-branded with the District's new logo, colors, font and slogan. Fleet Services is beginning the re-branding process the remaining fleet of vehicles, which consists of colors, font, slogan, phone number, URL and vehicle number. Shop Mechanic, Richard Ortiz has worked through numerous versions of the logo to meet the needs of the District's Re-Branding Project.

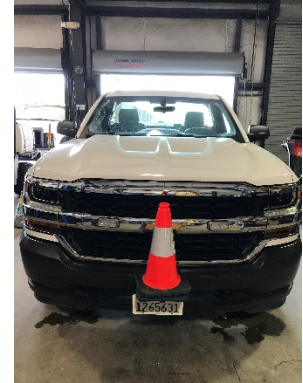


**CARTS:** All four Yamaha UMAX Gas Powered Workhorses have been received using the Source Well Contract #051717YGC. Workhorses were approved at the February 12, 2019 Board of Trustees Meeting. Workhorses are being outfitted with Herd spreaders, speedometers and safety gear. These units will be used in the Red Imported Fire Ant program.

**EQUIPMENT:** Shop Mechanic, Richard Ortiz mounted two truck ultra-low volume (ULV) machines (LV8 & Pro-Mist) borrowed from San Gabriel Vector Control to provide the Operations Department with additional tools to combat mosquito populations in the urban environment. Richard inspected flowrates and calibrated each unit before releasing the units to the Operations Department.



**SAFETY EQUIPMENT:** Fleet Services is implementing two safety cones per each vehicle to improve roadside visibility. Safety cones are to be mounted in the front of each vehicle. When a driver parks a vehicle, the safety cones are to be placed in front and rear of the vehicle.



## 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 8/30/2019)

	WNV – Positive 2019 YTD	WNV – Positive 2018 YTD	WNV – 5 year Average	WEEV 2019 YTD	SLEV 2019 YTD
Positive Counties	26	36	37	0	6
Human Cases	57	42	109	0	3
Positive Dead Birds /# Tested	91/1,231	397/1,603	845	0	0
Positive Mosquito Pools /# Tested	2,516/31,301	1,456/30,672	2,348	0	178/28,490

### ARBOVIRUS SURVEILLANCE TESTING – COACHELLA VALLEY

		June	July	August	2019 YTD	2018 YTD	5 year Average YTD
<b>Humans</b>		0	0	2	2	0	0
<b>Dead Birds</b>		0	0	0	0	0	0
<b>Mosquito Pools</b>	<b>WNV</b>	207	211	36	496	21	56
	<b>SLEV</b>	4	5	25	34	34	29
	<b># Tested</b>	991	674	472	4,628	3,005	2,593

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

### ENDEMIC MOSQUITO SURVEILLANCE

#### CO<sub>2</sub> TRAPS

During the normal mosquito season (March through mid-November) the District Laboratory staff maintains 109 CO<sub>2</sub> (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. CO<sub>2</sub> 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**

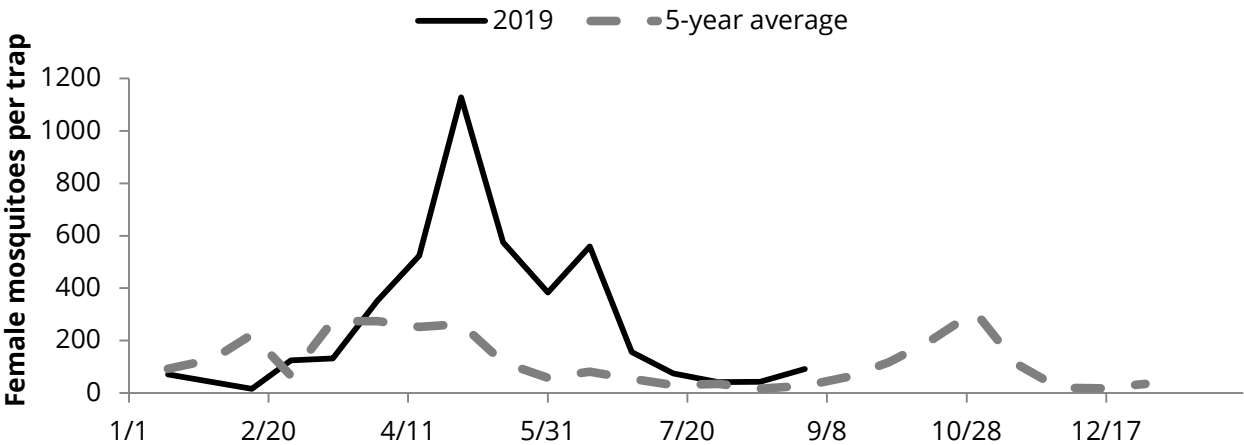
Gravid traps use water infused with organic matter such as alfalfa to attract mosquitoes looking to lay eggs. These traps are especially effective at collecting *Cx quinquefasciatus* mosquitoes, which are the primary disease vector in the urban areas of the District. However, other mosquito species, 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.

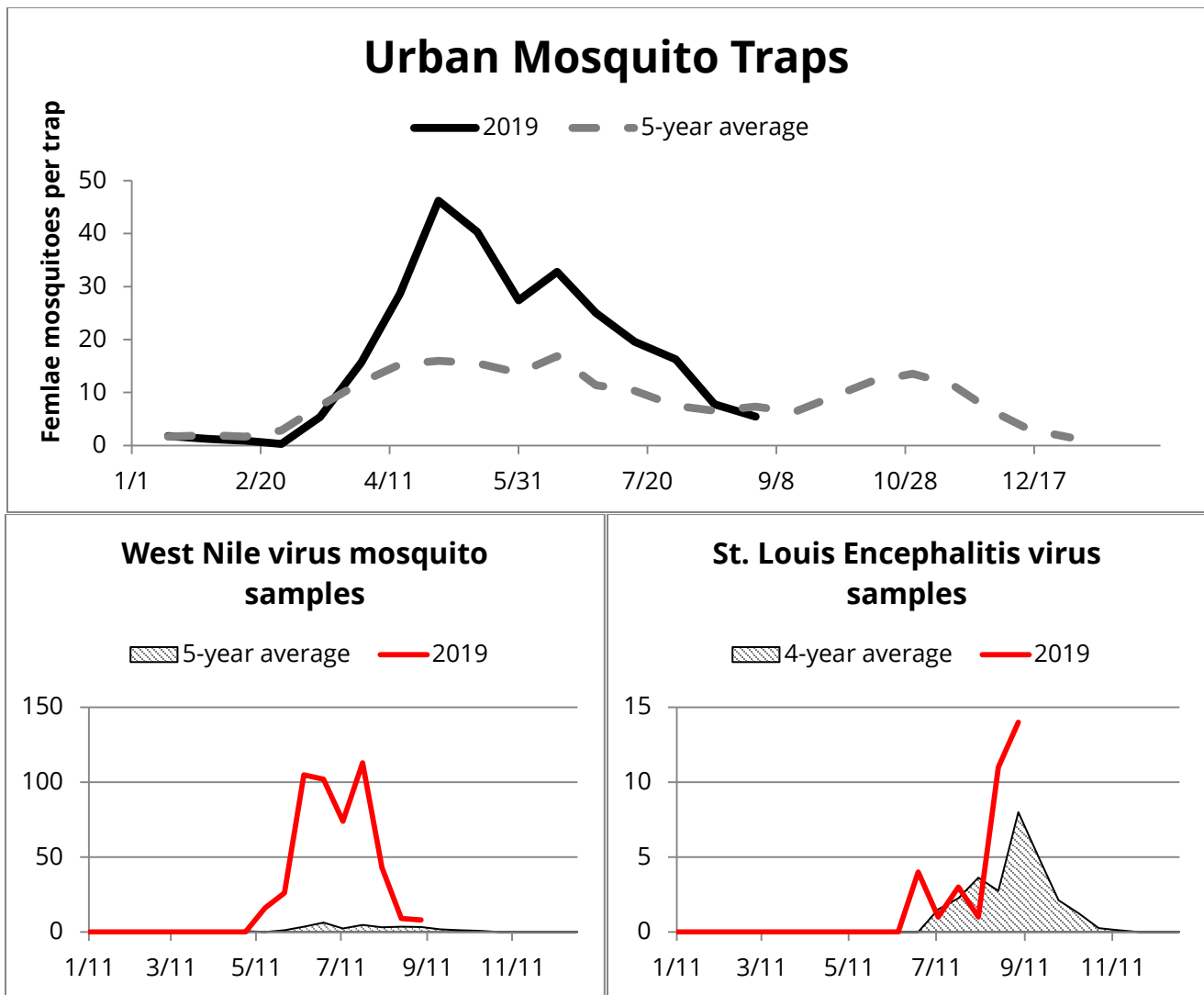


**MOSQUITO SURVEILLANCE ZONES**



**Rural Mosquito Traps**



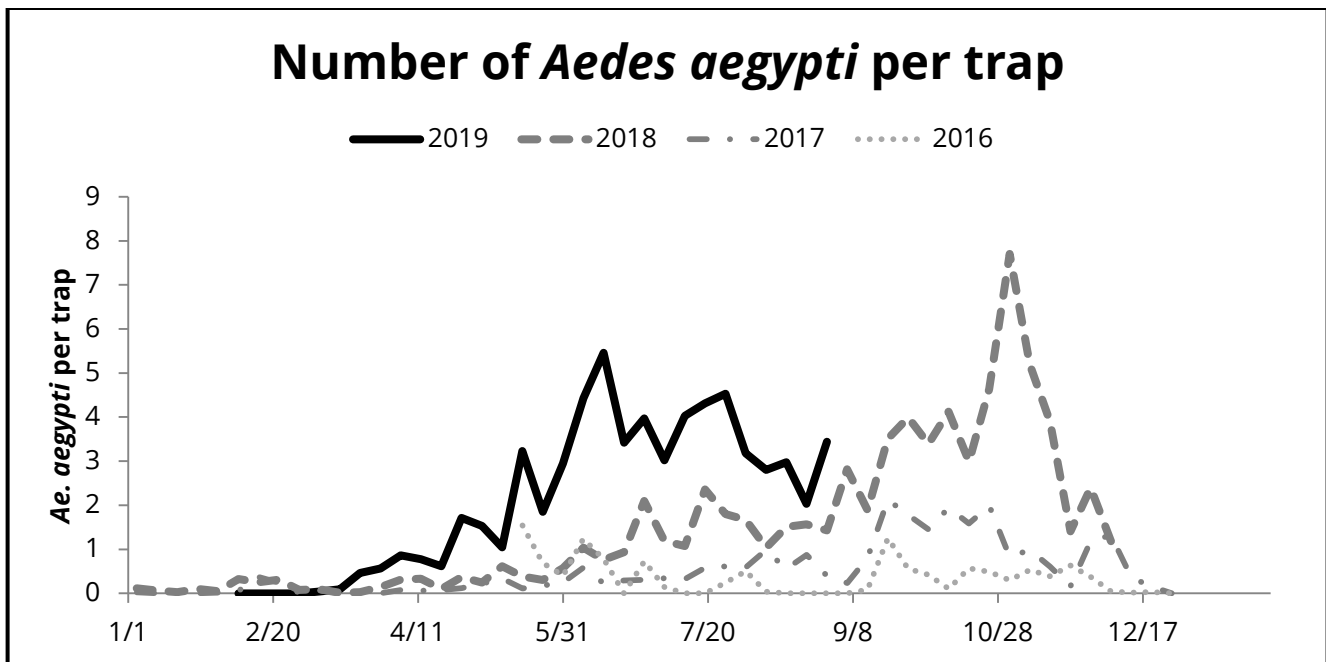


### EXOTIC MOSQUITO SURVEILLANCE

*Aedes aegypti* has been detected in 12 communities: Coachella, Cathedral City, Indio, Palm Springs, La Quinta, Palm Desert, Mecca, Indian Wells, Rancho Mirage, Thermal, Bermuda Dunes, and Desert Hot Springs. 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



## DEPARTMENT WORK

**Building repairs.** The air handling of the building was repaired in June. The repair meant that the testing facility was shut down for three weeks in May and June. Samples were tested by the Davis Arbovirus Research and Testing Facility during the closure.

**Internship.** Alex Miranda interned in the department from the middle of June until the end of August. The internship is part of the Health Career Connections program which provides internships with health-related fields across the Coachella Valley, encouraging college students and recent graduates to explore the opportunities in health in the valley. Alex examined

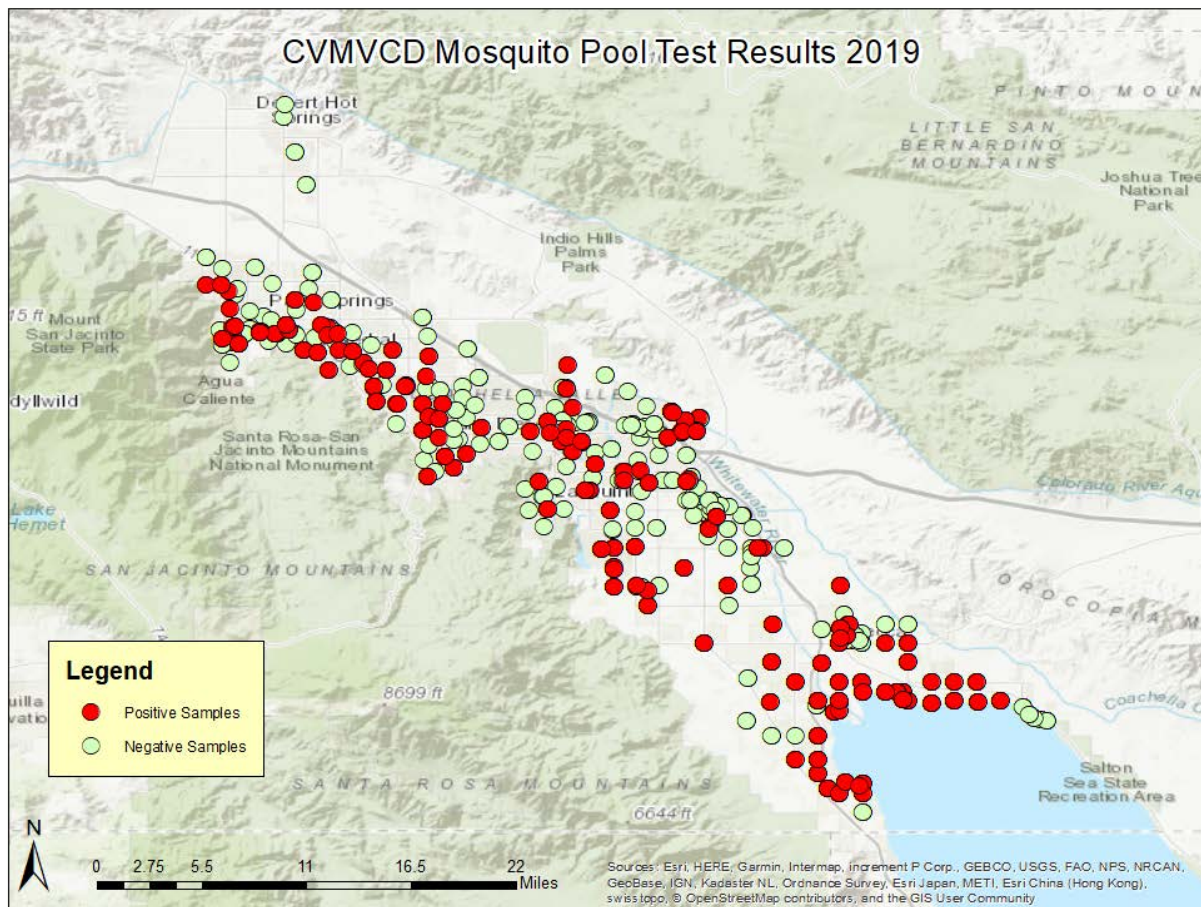


the compared the product efficacy of two methoprene products in catch basins. He also conducted background research for an *Aedes* trapping project, creating instruction guides and expanding our known area of detection in one of our communities. While at the District, Alex also worked with the Operations and the Public Outreach Departments, learning firsthand about the work done to control mosquitoes and protect the public.

**Enhanced surveillance.** There have been an unprecedented number of virus positive mosquito samples detected in our Valley this year. As part of the response strategy to positive detection sites, extra surveillance traps are set in areas where virus has been found. Since the first virus detection in May until August 30, 709 extra traps have been set at 222 different locations throughout the Valley. These traps have been set in addition to the routine weekly surveillance traps described above. 200 extra trap locations were monitored in the suburban areas of the



Valley, and 22 locations in rural areas closer to the Salton Sea. As of August 30, 531 mosquito samples have been made from the added surveillance, of which 123 (or 23%) were virus-positive detections. Some select sites were trapped and sampled from repeatedly in order to better monitor virus activity, efficacy of treatments, and mosquito abundance.



**USDA-CMAVE - mosquitoes.** Dr. Kenneth Linthicum, the Center Director from the USDA Center for Medical, Agricultural & Veterinary Entomology in Gainesville, FL, visited the District in August for 3 days to follow up on a spatial repellent study that began in March 2019. The study evaluates transfluthrin, a spatial repellent, with different emanators released in different sized tents in a hot arid environment. Transfluthrin emanators were applied in 4 small tents at a field plot. Two of the emanators are expected to last 250 days and the other two emanators are expected to last 150 days. Along with this, staff have been monitoring the transfluthrin activity that was applied to a large tent in an enclosure in March. It appears the transfluthrin is still active after over 4 months, as evidenced by fewer mosquitoes collected in the treated tent compared to the



untreated tent. Staff will continue setting CO<sub>2</sub> traps to monitor the mosquito activity and product efficacy at the small and large tents.

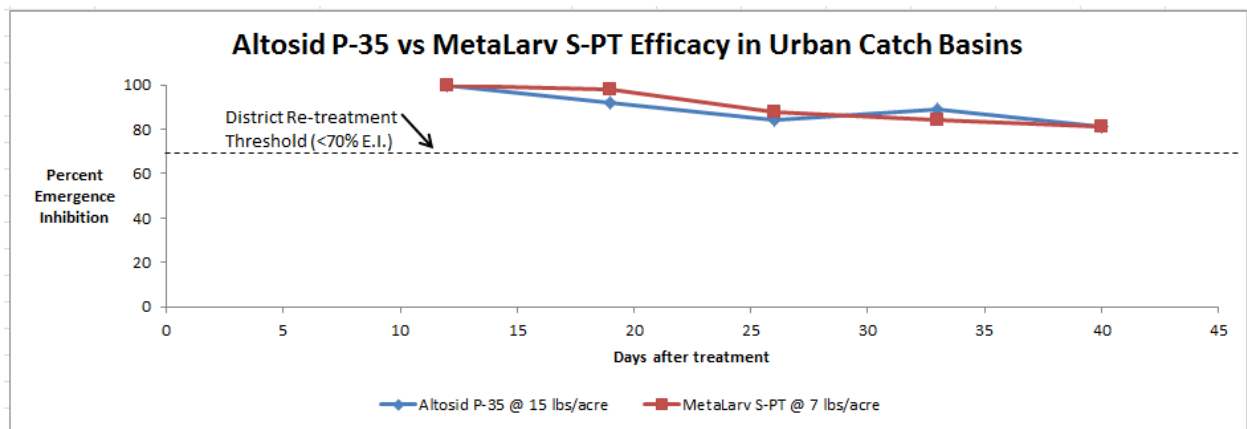
**Sequential rotator trap.** The sequential trap is important for determining peak mosquito activity of host-seeking mosquitoes. It is set up similarly to a CO<sub>2</sub> trap but there is a collector that changes every hour. Typically, we use the sequential trap prior to adulticide treatments to decide the best treatment times. We set a sequential trap along with a weather station on a weekly basis from July 2018-July 2019 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. Mosquito activity also seems to rise when there is light or no wind, especially on windier nights. We collected 7 different species of mosquitoes with the largest collections being *Culex tarsalis* and *Psorophora columbiae*. The results from this collection study will help us better understand nighttime host-seeking mosquito activity throughout the year in our rural area.

**Trap comparisons for *Ae. aegypti* surveillance.** The BG Sentinel is the standard trap used worldwide when collecting *Aedes aegypti* adults. However, these traps are expensive and require more battery power than a traditional CO<sub>2</sub> trap. We began a study to determine whether modifying our standard CO<sub>2</sub> traps can improve their *Ae. aegypti* catch rate in August. These modifications include lowering the height of the trap, as well as adding the BG scent lure with the dry ice bait. A three-way comparison is being conducted by placing each trap type at four routine *Ae. aegypti* surveillance locations one night per week. While more data is needed, early results show that the modified CO<sub>2</sub> traps are collecting more *Ae. aegypti* adults than our standard CO<sub>2</sub> traps.



**Biological Control.** Mosquitofish (*Gambusia affinis*) As of August 29, 2019, approximately 4,400 fish were stocked in neglected swimming pools, private ponds, detention basins, and animal water troughs.

**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 catch basins at the mid-level rate since it has provided cost effective control in our work in the District's microcosm ponds. This project is on-going.



## Operations Department Update

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### General Control Overview

This update covers the months of June 2019 through August 2019 contrasted with the same period in 2018. The department's workflow focuses on three areas that include 13 urban and four rural and agricultural zones that are covered by 17 technicians. Two additional workflows are the Red Imported Fire Ants (RIFA) and the Invasive *Aedes* programs that each has assigned two full-time technicians, assisted by five seasonal staff on each program. Further, we report on the activity performed in response to the unprecedented West Nile Virus season this year.

### Larval Mosquito Inspections and Control (non-invasive *Aedes*)

The operations activities completed in the June 2019 through August 2019 were compared to similar months in 2018 are as follows:

Month	Mosquito larval Inspections		Total ground larval applications		Total aerial larval applications	
	2019	2018	2019	2018	2019	2018
June	2,905	3,550	2,701	2,476	0	0
July	3,390	3,642	3,007	2,171	6	0
August	3,974	4,639	2,120	2,033	2	0
<b>Total</b>	10,269	11,831	7,828	6,680	8	0
<b>% Change</b>	-13		17			

The month- to-month mosquito inspections in June 2019 through August 2019 were slightly less than the previous time in 2018 due to the many applications that were required due to virus activity. The mosquito treatments increased by ground and by helicopter application due to the virus activity as compared with 2018.

### Aerial Adult Mosquito Control

During the months of June 2019 through August 2019, there were unprecedented West Nile Virus mosquito positive pools throughout the Coachella Valley as compared to the same time period of 2018. In response to the virus activity, the Operations department performed both ground and aerial ULV treatments as shown in the table below.

Month	Aerial ULV Treatments		Ground ULV Treatments	
	2019	2018	2019	2018
June	16	0	48	7
July	12	3	39	12
August	3	3	15	6
Total	31	6	102	25
% Change	417		308	

In the months of June through August 2019 there was an increase of 308% ground ULV treatments as compared to the same time in 2018. On several occasions we had four trucks running missions at the time in various areas of the Coachella Valley. In the months of June through August 2019 there was an increase of 417% aerial ULV treatments as compared to the same time in 2018. On several occasions we had four trucks running missions at the time in various areas of the Coachella Valley as well as aerial flights.



### **Control of invasive *Aedes aegypti***

In March 2018, the Operations Department started conducting its inspections and control of *Aedes aegypti* by the Invasive *Aedes* Program of two full-time technicians assisted by five seasonal staff. The staff has been canvassing neighborhoods for properties infested with *Aedes aegypti* mosquitoes confirming the presence of eggs, larvae, pupae and/or adults. The inspections and treatments over these three months were conducted in the cities of Coachella, Indio, Cathedral City, Palm Springs, Palm Desert, Rancho Mirage, Indian Wells and Mecca. Treatments of properties against invasive *Aedes* is being conducted by treatments of such properties which include barrier sprays and residential fogging with larvicides and adulticides. As more cities have expanded their *Aedes* infestation, the treatments have been increasing slightly from the same time period as last year.

	<b>Invasive <i>Aedes</i> Inspections</b>		<b>Invasive <i>Aedes</i> Treatments</b>	
	2019	2018	2019	2018
<b>June</b>	1,071	1,329	454	462
<b>July</b>	1,222	1,181	373	320
<b>August</b>	1,083	1,113	329	326
<b>Total</b>	3,376	3,623	1,156	1,108
<b>% Change</b>	-6.8		4.3	

In the months of June 2019 through August 2019 the inspections and treatments were comparable to the same time period in 2018. Area-wide treatments using truck-mounted sprayers will be conducted against *Aedes aegypti* in the cities of Cathedral City and Palm Desert in September and October 2019 to reduce the breeding of *Ae. aegypti* in the treated areas.

## The Red Imported Fire Ant Program

The RIFA program inspections and chemical control applications in the months of June 2019 through August 2019 are compared to those conducted over the same period a year ago are shown below. The inspections and treatments for RIFA during this reporting period were slightly lower than compared to the same period a year ago. This reduction in inspections and treatment was mostly due to the increased scheduling of large properties that needed inspection and treatment and took more time.

	RIFA Inspections		RIFA Treatments	
	2019	2018	2019	2018
<b>June</b>	237	253	218	235
<b>July</b>	241	300	218	271
<b>August</b>	239	297	219	283
<b>Total</b>	717	850	655	789
<b>% Change</b>	-16		-17	

## Service Request

In the months of June 2019 through August 2019 the Operations Department completed 1,415 Service Requests (SR) from residents compared to 1,345 Service Requests during the same period a year ago. The service requests for this reporting period was mostly in response to *Aedes* and RIFA, however most of those a year ago were RIFA service request.

## Proposed Activities for Operations Department

1. Area-wide treatments using truck-mounted sprayers will be conducted against *Aedes aegypti* in the cities of Cathedral City and Palm Desert in September and October to reduce the breeding of *Ae. aegypti* in the treated areas.
2. The Abatement Policy and procedures are being developed to and the policy will be presented to the full Board for consideration in October and implementation planned for the last quarter of 2019.

# Mosquito Habitats Treated

# Operations

6/1/2019 to 6/30/2019 Report



## 89 Agriculture APPLICATIONS

Applications	FORMULATION: DRY	Acreage
7	Bs/Bti	9.55
8	Bti	2.96
4	Methoprene	0.01
36	Spinosad	19.96
Applications	FORMULATION: LIQUID	Acreage
4	(AE) surfactant	0.07
5	Bti	4.00
25	Spinosad	12.28



## 25 Duck Club APPLICATIONS

Applications	FORMULATION: DRY	Acreage
1	Bs/Bti	1.28
3	Methoprene	0.11
15	Spinosad	13.26
Applications	FORMULATION: LIQUID	Acreage
1	Methoprene	0.10
5	Spinosad	0.55



## 454 Invasive Aedes APPLICATIONS

Applications	FORMULATION: DRY	Acreage
161	Bti	1.39
Applications	FORMULATION: LIQUID	Acreage
160	Barrier	1.37
133	Fogging	47.70



## 2,579 Residential APPLICATIONS

Applications	FORMULATION: DRY	Acreage
100	Bs	0.22
162	Bs/Bti	0.88
72	Bti	4.42
535	Methoprene	1.83
885	Spinosad	3.26
Applications	FORMULATION: LIQUID	Acreage
317	(AE) surfactant	1.23
1	Barrier	0.01
133	Bti	8.87
25	Fogging	0.07
103	Methoprene	0.79
244	Spinosad	5.51



## 6 Salton Sea Marshes APPLICATIONS

Applications	FORMULATION: DRY	Acreage
1	Bti	0.25
3	Spinosad	2.69
Applications	FORMULATION: LIQUID	Acreage
2	Spinosad	0.43

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

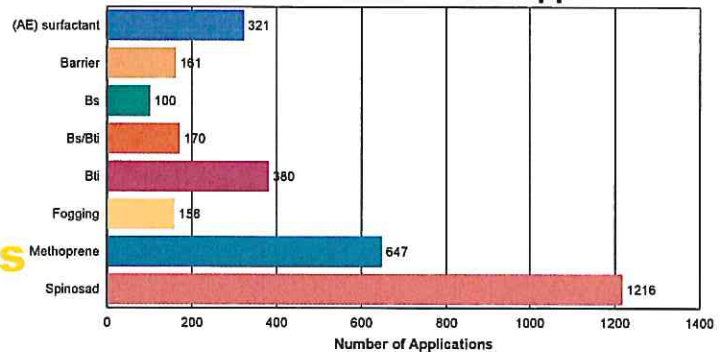
**BS (*Bacillus sphaericus*)** - soil-dwelling bacterium, used as a biological pesticide that during sporulation produce crystals that have insecticidal action when ingested by mosquito larvae

**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, *Saccharopolyspora spinosa*

Product Applications



Product Breakdown

		Total		
		Count	Acreage	Cost
FORMULATION: DRY	Total	1,995	62.08	\$7,636.88
	Bs	100	0.22	\$355.23
	Bs/Bti	170	11.71	\$1,074.22
	Bti	242	9.02	\$261.25
	Methoprene	543	1.95	\$721.01
	Spinosad	940	39.17	\$5,225.18
FORMULATION: LIQUID	Total	1,158	82.98	\$590.28
	(AE) surfactant	321	1.30	\$54.16
	Barrier	161	1.38	\$88.85
	Bti	138	12.88	\$117.40
	Fogging	158	47.77	\$46.70
	Methoprene	104	0.89	\$7.01
	Spinosad	276	18.77	\$276.15



# Mosquito Habitats Treated

# Operations

7/1/2019 to 7/31/2019 Report



## 84 Agriculture

### APPLICATIONS

Applications	FORMULATION: DRY	Acreage
6	Bs/Bti	1.06
12	Bti	11.66
7	Methoprene	0.03
25	Spinosad	10.23
Applications	FORMULATION: LIQUID	Acreage
4	(AE) surfactant	0.01
7	Bti	2.43
3	Methoprene	0.65
20	Spinosad	3.71

**(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

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



## 14 Duck Club

### APPLICATIONS

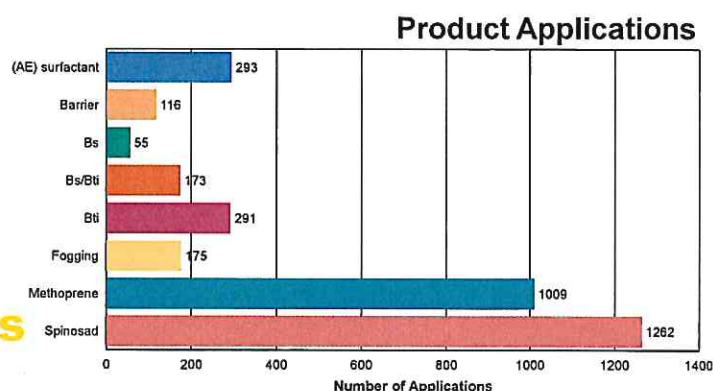
Applications	FORMULATION: DRY	Acreage
1	Bs/Bti	0.50
3	Methoprene	0.11
7	Spinosad	5.41
Applications	FORMULATION: LIQUID	Acreage
1	Methoprene	0.10
2	Spinosad	0.26



## 373 Invasive Aedes

### APPLICATIONS

Applications	FORMULATION: DRY	Acreage
119	Bti	1.14
3	Methoprene	0.01
Applications	FORMULATION: LIQUID	Acreage
1	(AE) surfactant	0.00
116	Barrier	1.14
134	Fogging	48.16



## 2,878 Residential

### APPLICATIONS

Applications	FORMULATION: DRY	Acreage
51	Bs	0.09
165	Bs/Bti	0.50
57	Bti	8.61
931	Methoprene	3.02
1,066	Spinosad	3.70
Applications	FORMULATION: LIQUID	Acreage
288	(AE) surfactant	1.61
82	Bti	4.21
41	Fogging	0.12
57	Methoprene	0.37
140	Spinosad	3.87



## 25 Salton Sea Marshes

### APPLICATIONS

Applications	FORMULATION: DRY	Acreage
4	Bs	80.00
1	Bs/Bti	0.50
9	Bti	305.00
4	Methoprene	105.00
1	Spinosad	1.00
Applications	FORMULATION: LIQUID	Acreage
5	Bti	80.00
1	Spinosad	0.02

### Product Breakdown

		Total		
		Count	Acreage	Cost
FORMULATION: DRY	Total	2,472	537.57	\$48,940.86
	Bs	55	80.09	\$4,438.67
	Bs/Bti	173	2.56	\$323.25
	Bti	197	326.42	\$10,283.37
	Methoprene	948	108.17	\$30,567.72
	Spinosad	1,099	20.33	\$3,327.85
FORMULATION: LIQUID	Total	902	146.66	\$749.26
	(AE) surfactant	293	1.62	\$69.23
	Barrier	116	1.14	\$73.29
	Bti	94	86.64	\$434.26
	Fogging	175	48.28	\$47.21
	Methoprene	61	1.12	\$8.74
	Spinosad	163	7.86	\$116.54

# Mosquito Habitats Treated

# Operations

8/1/2019 to 8/31/2019 Report



## 91 Agriculture APPLICATIONS

Applications	FORMULATION: DRY	Acreage
4	Bs	4.00
7	Bs/Bti	6.76
4	Bti	2.54
8	Methoprene	10.66
29	Spinosad	65.27
Applications	FORMULATION: LIQUID	Acreage
2	(AE) surfactant	0.02
1	Barrier	0.11
6	Bti	2.25
5	Methoprene	1.35
25	Spinosad	11.82

**(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, *Saccharopolyspora spinosa*



## 9 Duck Club APPLICATIONS

Applications	FORMULATION: DRY	Acreage
3	Methoprene	0.35
2	Spinosad	0.16
Applications	FORMULATION: LIQUID	Acreage
3	Methoprene	0.08
1	Spinosad	0.01



## 329 Invasive Aedes APPLICATIONS

Applications	FORMULATION: DRY	Acreage
111	Bti	1.07
1	Methoprene	0.00
Applications	FORMULATION: LIQUID	Acreage
111	Barrier	1.05
105	Fogging	42.64



## 2,007 Residential APPLICATIONS

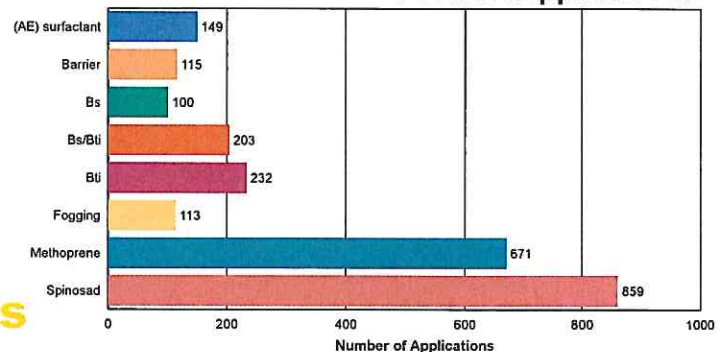
Applications	FORMULATION: DRY	Acreage
96	Bs	8.23
195	Bs/Bti	2.12
36	Bti	0.08
597	Methoprene	1.83
676	Spinosad	2.61
Applications	FORMULATION: LIQUID	Acreage
147	(AE) surfactant	0.50
1	Barrier	1.63
75	Bti	4.21
7	Fogging	0.02
53	Methoprene	0.56
124	Spinosad	9.24



## 6 Salton Sea Marshes APPLICATIONS

Applications	FORMULATION: DRY	Acreage
1	Bs/Bti	0.05
1	Methoprene	1.21
2	Spinosad	7.00
Applications	FORMULATION: LIQUID	Acreage
2	Barrier	2.27

### Product Applications



### Product Breakdown

		Total		
		Count	Acreage	Cost
FORMULATION: DRY	Total	1,773	113.94	\$14,701.85
	Bs	100	12.23	\$1,344.23
	Bs/Bti	203	8.93	\$789.79
	Bti	151	3.70	\$81.26
	Methoprene	610	14.05	\$3,207.99
	Spinosad	709	75.03	\$9,278.57
FORMULATION: LIQUID	Total	669	77.77	\$813.66
	(AE) surfactant	149	0.51	\$24.07
	Barrier	115	5.07	\$327.32
	Bti	81	6.46	\$58.68
	Fogging	113	42.65	\$41.70
	Methoprene	61	1.99	\$42.84
	Spinosad	150	21.07	\$319.04



# Red Imported Fire Ants Habitats Treated

# Operations

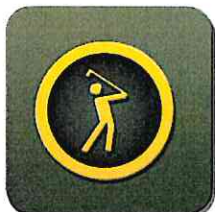
6/1/2019 to 6/30/2019 Report



## 81 Country Club

### APPLICATIONS

482.94 ACRES TREATED  
81 BROADCAST TREATMENTS



## 15 Golf Course

### APPLICATIONS

1,646.42 ACRES TREATED  
15 BROADCAST TREATMENTS



## 122 Homeowner

### APPLICATIONS

21.75 ACRES TREATED  
120 BROADCAST TREATMENTS  
2 SPOT TREATMENTS

## Red Imported Fire Ant



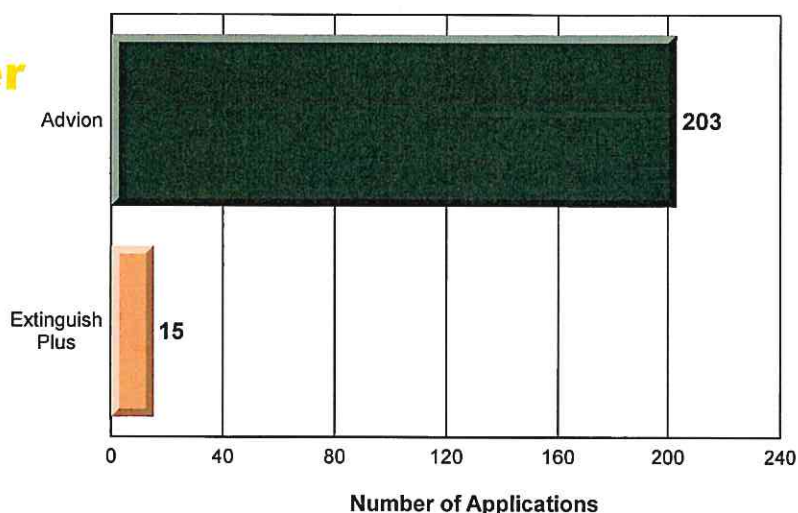
### Scientific classification

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	504.69	1646.42
	Amount (lbs.)	759.32	2,469.10
	Cost	\$ 7,183.17	\$ 15,901.00

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

7/1/2019 to 7/31/2019 Report



## 83 Country Club

### APPLICATIONS

411.03 ACRES TREATED  
83 BROADCAST TREATMENTS



## 23 Golf Course

### APPLICATIONS

2,229.61 ACRES TREATED  
23 BROADCAST TREATMENTS



## 111 Homeowner

### APPLICATIONS

20.97 ACRES TREATED  
111 BROADCAST TREATMENTS



## 1 School

### APPLICATIONS

8.58 ACRES TREATED  
1 BROADCAST TREATMENTS

## Red Imported Fire Ant



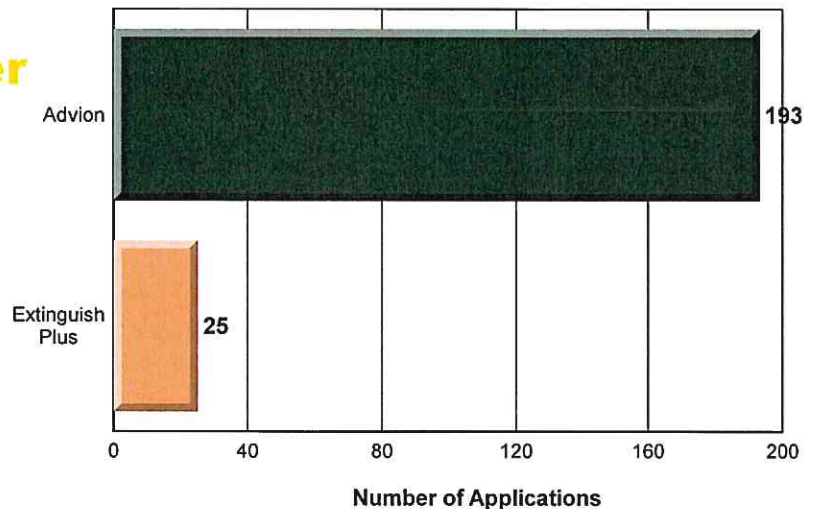
### Scientific classification

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	411.62	2258.57
	Amount (lbs.)	617.91	3,388.00
	Cost	\$ 5,845.43	\$ 21,818.72

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

8/1/2019 to 8/31/2019 Report



## 93 Country Club

### APPLICATIONS

752.06 ACRES TREATED  
93 BROADCAST TREATMENTS

## 15 Golf Course

### APPLICATIONS

1,453.05 ACRES TREATED  
15 BROADCAST TREATMENTS

## 108 Homeowner

### APPLICATIONS

17.71 ACRES TREATED  
107 BROADCAST TREATMENTS  
1 SPOT TREATMENTS

## 1 Park

### APPLICATIONS

2.71 ACRES TREATED  
1 BROADCAST TREATMENTS

## 2 School

### APPLICATIONS

6.59 ACRES TREATED  
2 BROADCAST TREATMENTS

## Red Imported Fire Ant



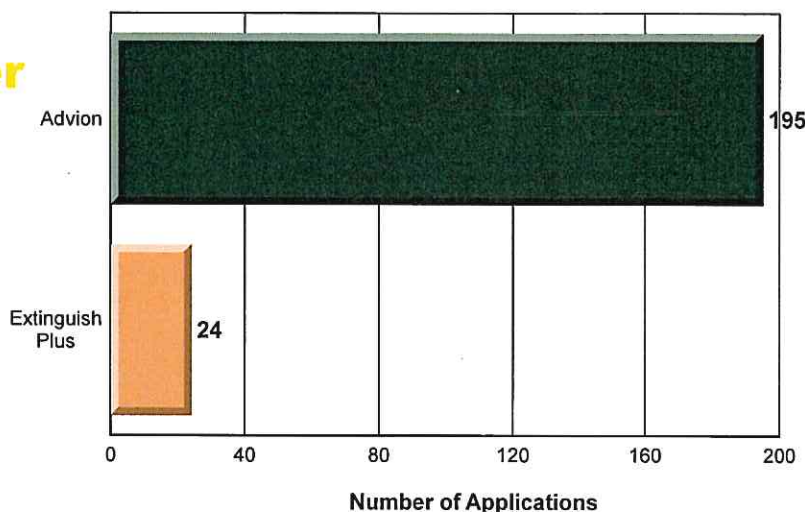
### Scientific classification

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	689.75	1542.38
	Amount (lbs.)	1,034.84	2,313.57
	Cost	\$ 9,789.62	\$ 14,899.39

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.

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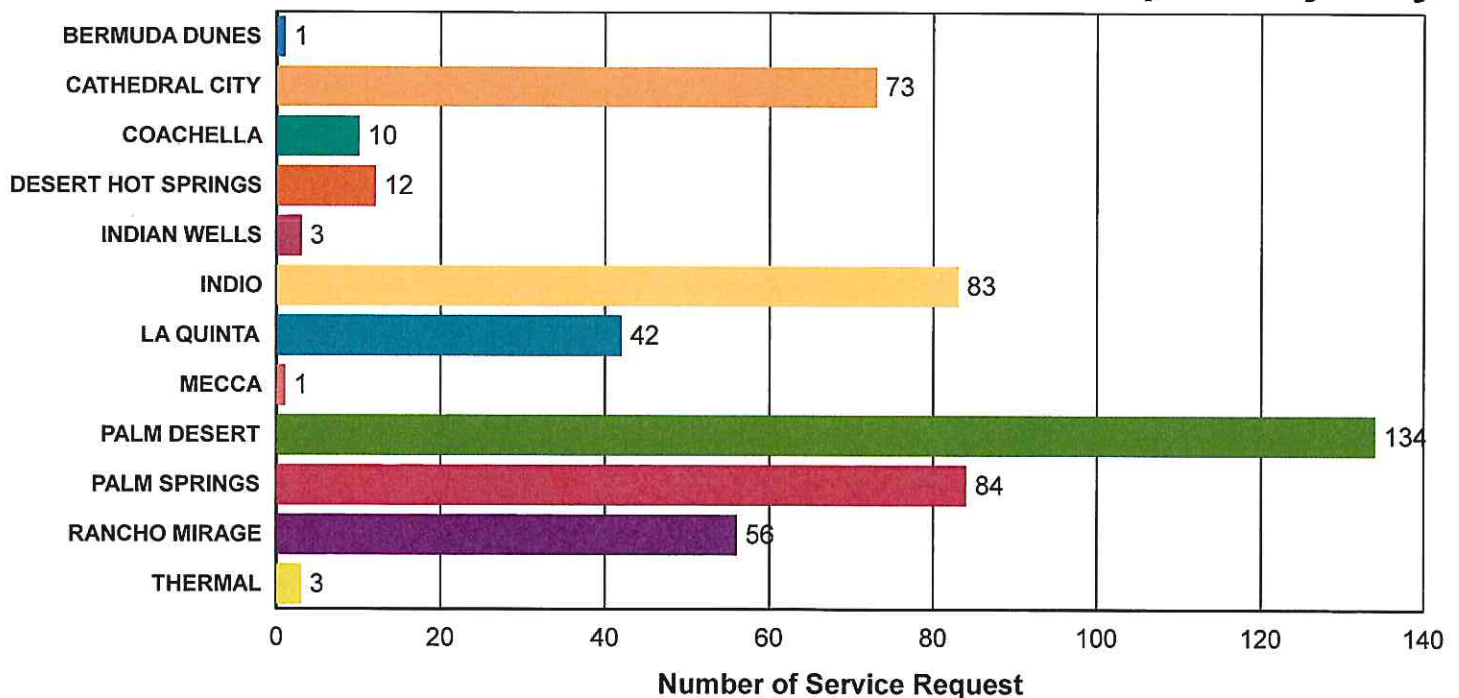
# Service Request Operations

6/1/2019 to 6/30/2019 Report

## Service Request Types

	TOTAL	STANDING WATER	NEGLECTED POOL	FLY/EYE GNATS	MOSQUITO	RODENTS	AEDES SCH	BEEES	RIFA
TOTAL	502	24	31	10	53	3	225	6	149
BERMUDA DUNES	1	0	0	0	0	0	0	0	1
CATHEDRAL CITY	73	4	4	0	2	0	45	0	18
COACHELLA	10	2	0	1	1	0	2	0	4
DESERT HOT SPRINGS	12	1	3	0	6	0	0	0	2
INDIAN WELLS	3	0	0	0	0	0	0	0	3
INDIO	83	2	4	4	8	0	22	1	42
LA QUINTA	42	2	4	0	7	0	10	2	17
MECCA	1	0	0	1	0	0	0	0	0
PALM DESERT	134	3	6	1	15	2	76	2	29
PALM SPRINGS	84	4	6	2	7	1	53	0	10
RANCHO MIRAGE	56	6	4	1	4	0	17	1	23
THERMAL	3	0	0	0	3	0	0	0	0

## Service Request by City



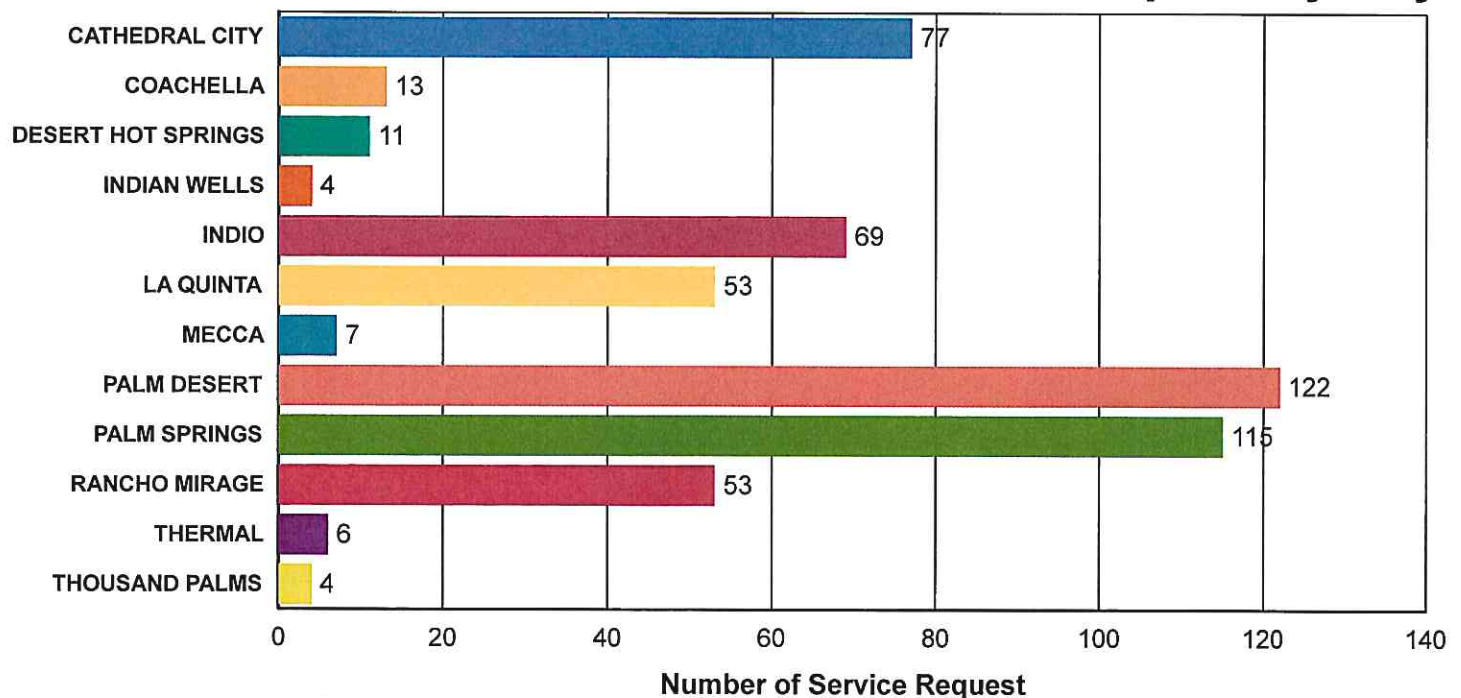
# Service Request Operations

7/1/2019 to 7/31/2019 Report

## Service Request Types

	TOTAL	STANDING WATER	NEGLECTED POOL	FLY/EYE GNATS	MOSQUITO	RODENTS	AEDES SCH	BEEES	RIFA
TOTAL	534	29	32	10	67	5	234	4	152
CATHEDRAL CITY	77	7	5	0	6	1	37	2	19
COACHELLA	13	1	0	1	0	0	5	0	6
DESERT HOT SPRINGS	11	0	3	0	2	1	0	1	4
INDIAN WELLS	4	0	1	0	0	0	0	0	3
INDIO	69	3	2	1	9	0	15	1	38
LA QUINTA	53	0	4	0	7	0	23	0	18
MECCA	7	3	0	2	0	0	2	0	0
PALM DESERT	122	4	6	3	19	3	58	0	29
PALM SPRINGS	115	8	5	1	14	0	69	0	18
RANCHO MIRAGE	53	3	5	0	6	0	25	0	14
THERMAL	6	0	0	2	4	0	0	0	0
THOUSAND PALMS	4	0	1	0	0	0	0	0	3

## Service Request by City



# Operations

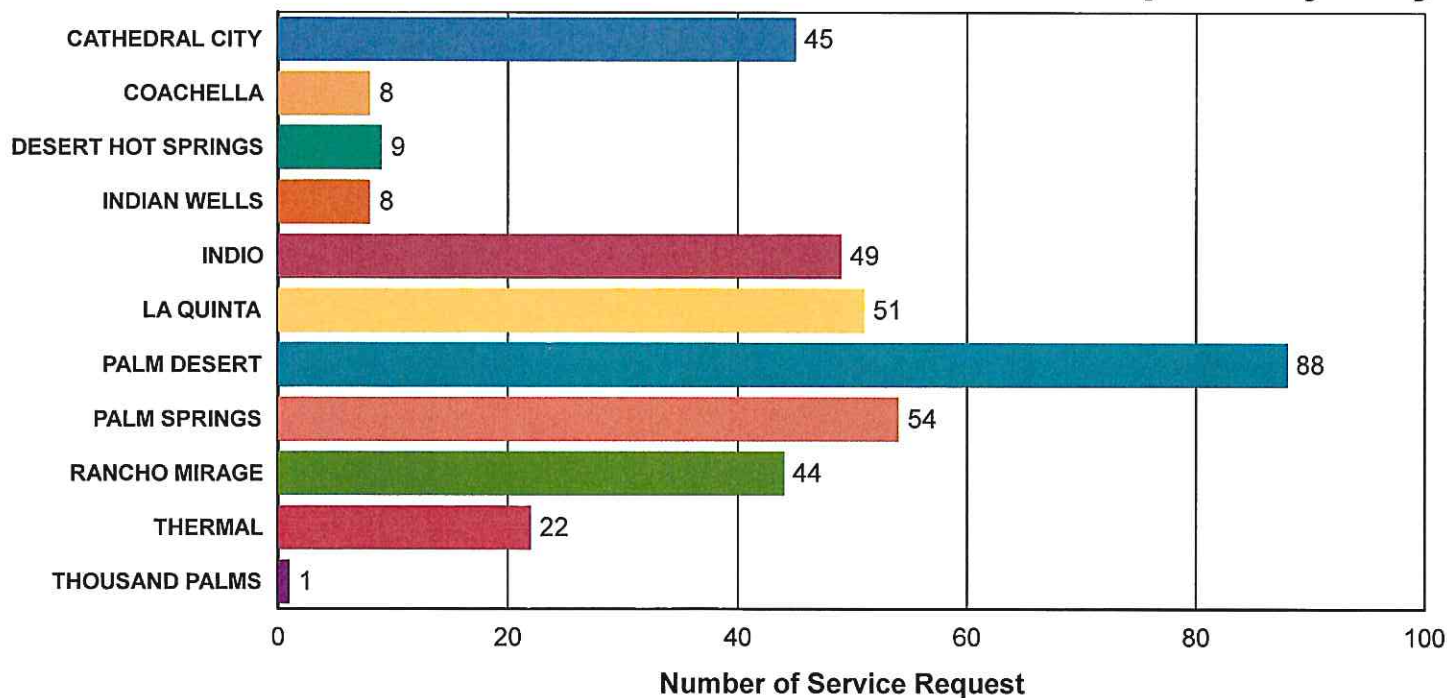
Service Request

8/1/2019 to 8/31/2019 Report

## Service Request Types

	TOTAL	STANDING WATER	NEGLECTED POOL	FLY/EYE GNATS	MOSQUITO	RODENTS	AEDES SCH	BEEES	RIFA
TOTAL	379	24	18	7	35	7	142	3	143
CATHEDRAL CITY	45	2	0	0	2	1	20	0	20
COACHELLA	8	1	0	0	0	0	2	1	4
DESERT HOT SPRINGS	9	1	2	0	1	0	0	0	5
INDIAN WELLS	8	0	0	0	0	0	2	1	5
INDIO	49	2	3	2	3	2	7	0	30
LA QUINTA	51	3	2	0	6	1	19	0	20
PALM DESERT	88	4	6	2	0	0	46	1	29
PALM SPRINGS	54	8	4	0	1	1	28	0	12
RANCHO MIRAGE	44	1	0	2	5	2	18	0	16
THERMAL	22	2	1	1	17	0	0	0	1
THOUSAND PALMS	1	0	0	0	0	0	0	0	1

## Service Request by City



## Public Outreach Department

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Summer was a busy time for the Public Outreach department. 13 press releases from June-August went out on a variety of topics including first detections of WNV positive mosquitoes, adult mosquito applications, and the first human cases of WNV in Riverside County. More than 20 media segments from all outlets were carried out in both English and Spanish throughout the region including multiple stories presented to the LA market.

Mosquito applications were carried out by helicopter on a large scale in neighborhoods. Because of the quick turnaround from our Operations teams to combat the virus and time sensitive control methods, past outreach devices – like door-to-door postcards – were not of use. New outreach methods were quickly put in place resulting in nearly 300 direct contacts to HOAs, mobile home parks, schools, churches, community centers, golf courses, parks, and hospitals. Managers were asked to share the information to their respected contacts.

In addition, many events were planned to reach residents of all ages in diverse settings:

- **June**

- **World Environment Day, Palm Springs:** *Tammy Gordon* and *Diana Reyes* hosted a booth interacting with 100 residents of the Coachella Valley focusing on environmentally friendly control methods including the mosquitofish program.
- **Environmental Task Force:** *Tammy* presented to the group of about 20 representatives from around Riverside County discussing current West Nile Virus outbreaks.
- **Galilee Center Presentation:** *Erica Frost* and *Tammy* presented in Spanish to new community members immigrating to the Coachella Valley.


- **July**

- **City Council meeting presentations:** *Jennifer Henke* and *Jeremy* updated mayors and city council members and passed out current WNV flyers to attendees. Almost 200 adults attended various meetings and received information. Cities included **Cathedral City, La Quinta, Palm Desert, Palm Springs,** and **Rancho Mirage.**
- **Desert Recreation summer camps:** *Tammy, Diana,* and *Erica* interacted with children and educated with mosquito awareness activities. Roughly 165 children attended the various camps throughout the valley. Camps visited: **Coachella, Indio, North Shore, Palm Desert,** and **Thousand Palms.**

- **August**

- **Sun City HOA meeting:** *Jennifer* and *Tammy* presented to 35 Palm Desert residents an informational presentation regarding District services and educated them on mosquito-borne illnesses.
- **Marrekesh Country Club:** *Jennifer* and *Tammy* presented to 50 Palm Desert residents an informational presentation regarding District services and educated them on mosquito-borne illnesses.
- **Health Career Connection (HCC) Tour:** Intern *Alexis Miranda, Jennifer* and *Tammy* presented and led a District tour explaining to other interns the career opportunities special districts can bring.



	<b>Coachella Valley Mosquito and Vector Control District</b>		<b>September 10, 2019</b>
<b>Agenda Item:</b> Consent Calendar			
Approval of payment for testing of mosquito pooled samples to the Mosquito and Vector Control Association of California in an amount not to exceed \$8,000.00 fund 9000.01.500.000 Contingency Expense – <b>Jennifer A. Henke, M.S., Laboratory Manager</b>			
<b>Background:</b> At the May 14, 2019 Board meeting, the Board approved the removal, replacement, and installation of three vortex exhaust fan VFDs by NSWC, Johnson Controls, and Zaretsky to complete the lab exhaust fan replacement project. To complete this work, the BioSafety Laboratory rooms were shut down for 3 weeks. During the project and the subsequent calibration and certification of the rooms by TSS, mosquito samples were mailed to UC Davis Arbovirus and Research Testing (DART) facility to ensure that positive mosquito samples would be detected in a timely manner to protect the residents of the Coachella Valley.  Due to the high abundance of mosquitoes and the repeated detections of West Nile virus that began in early May, 397 samples were tested by the DART Facility during the first two weeks of June. The Mosquito and Vector Control Association of California administers the billing for testing by DART. The amount budgeted in the line item is to conduct testing of <i>Aedes</i> mosquito samples for chikungunya, dengue, and Zika.  This is not expected to be a repeated expense due to the successful replacement of the exhaust fans.			
<b>Staff Recommendation:</b> The Laboratory Department requests the Board approve the payment to MVCAC for services rendered by the DART facility testing mosquito samples for arboviruses in the amount not to exceed \$8,000.00.			
<b>Fiscal Impact:</b>			
FY2019-20 Budget <b>9000.01.500.000</b>	Current Available Funds	Proposed Expense	Remaining Available Funds
	<b>\$150,000</b>	<b>\$8,000</b>	<b>\$142,000</b>

	<p align="center"><b>Coachella Valley Mosquito and Vector Control District</b></p> <p align="center"><b>Staff Report</b></p>	<p align="center"><b>September 10, 2019</b></p>
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**Agenda Item:** Consent Calendar

Approval to surplus District vehicles and workhorses through a third party government auction website – **Edward Prendez, IT Manager**

**Background:**

The District has selected to utilize a third party marketplace to attract a wider audience, increase revenue and eliminate any appearance of conflict of interest. The District has identified eight vehicles and five workhorses to be auction off as part of the District's restructuring effort. Release of proposed vehicles to the third party marketplace will be determined when new vehicles are received in the new Fiscal Year 2019-2020

Light-Duty Trucks						
UNIT	MAKE	MODEL	STYLE	YEAR	MILEAGE	BLUE BOOK
14	FORD	RANGER	PICK UP 4X4	2001	51844	\$4,942.00
101	FORD	RANGER	PICK UP 4X4	2003	84628	\$5,516.00
102	FORD	F-150	PICK UP 4X4	2003	103035	\$5,921.00
104	FORD	F-150	PICK UP 4X4	2003	83673	\$6,399.00
132	FORD	EXPLORER	SUV 4X4	2006	68705	\$3,350.00
133	FORD	EXPLORER	SUV 4X4	2006	67198	\$3,374.00
141	FORD	RANGER	PICK UP 4X4	2007	88518	\$6,596.00
144	FORD	RANGER	PICK UP 4X4	2007	91368	\$6,462.00
Utility Vehicles						
UNIT	MAKE	MODEL	STYLE	YEAR	MILEAGE	BLUE BOOK
21	EZ GO	TERRAIN 1500	WKR 4X2	2014	1243	\$300.00
121	EZ GO	ST 480	WKR 4X2	2002	2018	\$240.00
156	EZ GO	ST 480	WKR 4X2	2007	1968	\$260.00
164	EZ GO	ST 480	WKR 4X2	2008	1485	\$280.00
166	EZ GO	ST 480	WKR 4X2	2008	1989	\$270.00

**Staff Recommendation:**

Staff recommends utilizing a third party marketplace to ease the burden on District staff to transport, show, and answer questions from the public regarding the vehicle sales. Buyers of District Property will pay a premium of 7% or 10.5% depending upon the collection method.

	<p align="center"><b>Coachella Valley Mosquito and Vector Control District</b></p> <p align="center"><b>Staff Report</b></p>	<p align="center"><b>September 10, 2019</b></p>
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**Agenda Item:** Consent Calendar

Approval to purchase larval mosquito control products in an amount not to exceed \$58,300 from fund 9000.01.500.00 Contingency Expense – **Jeremy Wittie, M.S., General Manager**

**Background:**

The Operations Department is responsible for controlling disease transmitting vectors and mosquitoes throughout the District using a prescribed set of environmentally-friendly products. The budget for FY2019-20 was passed authorizing the amount of vector control products projected for use throughout the fiscal year.

Some of the mosquito larval control products fell short of the District's season estimates due to the District's enhanced emergency response to unprecedented WNV activity detected in suburban habitats of the Coachella Valley. Wide area larval mosquito helicopter applications (approx. 2,000 acres) using Vectobac WDG were performed in the Palm Springs area in July and August 2019 due to sustained WNV virus detection. This was in addition to District Operations ground based control aimed at both adult and larval mosquito control.

The product needed to achieve operational objectives in response to WNV and wide area larval Culex and Aedes control is:

Product	Quantity	Cost Per	Total
Altosid Liquid Larvicide SR -5	92 gals.	\$264.45 per gal.	\$24,329.40
Vectobac WDG	754 lbs.	\$38.75 per lb.	\$29,217.50
		Shipping/Tax	\$4,684.90
		<b>Total</b>	<b>\$58,231.80</b>

**Staff Recommendation:**

Staff recommends the approval to purchase additional larval mosquito control products in an amount not to exceed \$58,300.00

**Fiscal Impact:**


FY2019-20 Budget  <b>GL # 9000.01.500.00</b>	Current Available Funds	Proposed Expense Fiscal Year 2019/20	Remaining Available Funds
<b>\$150,000</b>	<b>\$150,000</b>	<b>\$58,231.80</b>	<b>\$91,768.23</b>

**SECTION**  
**13**



**OLD BUSINESS**



	<p style="text-align: center;"><b>Coachella Valley Mosquito and Vector Control District</b></p> <p style="text-align: center;"><b>Staff Report</b></p>	<p style="text-align: center;"><b>September 10, 2019</b></p>
<p><b>Agenda Item:</b> Old Business</p> <p>Approval of refund in the amount of \$8,718.33 following revised benefit assessment for property having APN 745-360-003 owned by R-Bar-C Sand &amp; Gravel, Inc. – <b>Jeremy Wittie, M.S., General Manager</b></p>		
<p><b>Background:</b>  The Coachella Valley Mosquito and Vector Control District received a formal appeal from R BAR C Sand &amp; Gravel, Inc. (property owner) in regards to the special assessment on their 2018 Secured Property Tax Bill. The property owner requested a review of their assessment.</p> <p>Per the Engineer’s Report, the General Manager must review appeals and information provided by the property owner. If the General Manager finds that the assessment should be modified, the appropriate changes shall be made to the assessment roll. If any such changes are approved after the assessment roll has been filed with the Riverside County for collection, the General Manager is authorized to refund the property owner the amount of any approved reduction.</p> <p>The General Manager reviewed the property owner’s permits of specified land use and acreage, along with maps, and visited the site to survey the area.</p> <p>The revised assessment calculation takes into account 338 commercial use acres at 0.5 SFE (single family equivalent) and 277 vacant acres at 0.125 SFE. With this adjustment, the revised benefit assessment is \$10,380.75 which generates a refund to the property owner in the amount of \$8,718.33.</p>		
<p><b>Staff Recommendation:</b>  Staff recommends that the Board of Trustees approve the refund in the amount of \$8,718.33 due to R-Bar-C Sand &amp; Gravel, Inc.</p>		

**SECTION**  
**14**



**NEW BUSINESS**

	<p style="text-align: center;"><b>Coachella Valley Mosquito and Vector Control District</b></p> <p style="text-align: center;"><b>Staff Report</b></p>	<p style="text-align: center;"><b>September 10, 2019</b></p>
<p><b>Agenda Item:</b> New Business</p> <p>Discussion and/or approval to grant a day off to all full-time employees in appreciation of their work and dedication in protecting public health during the mosquito virus season - <b>Graciela Morales, Executive Assistant/Clerk of the Board</b></p>		
<p><b>Background:</b></p> <p>In past years, to thank and recognize the staff for their service and to honor outstanding employees, the District has held a President's Appreciation Luncheon at the end of the year. The luncheon has traditionally been offsite and included a brief awards presentation.</p> <p>In 2013, 2014, 2016, 2017, and 2018 the Board opted to give employees an additional day off in place of having the President's Appreciation Luncheon.</p> <p>This season the District experienced a much higher than usual detection of West Nile virus requiring enhanced surveillance and treatments, overtime, and more vigorous work to suppress the virus and help us achieve our mission of protecting the health of valley residents and visitors from vector-borne diseases.</p> <p>District staff exhibited their commitment and dedication to the District by taking action and performing exemplary work to help reduce the risk of disease transmission.</p> <p>Special recognition is very important and serves a legitimate public purpose because it advances the protection of public safety by incentivizing employees.</p> <p>Staff requests that we continue the tradition this year and grant employees an additional day off in recognition and appreciation of their individual contributions, hard work, and dedication to the District.</p> <p><i>The employee release day would be on Thursday, December 26<sup>th</sup>.</i></p>		
<p><b>Staff Recommendation:</b></p> <p>That the Board choose what they deem appropriate.</p>		