



Coachella Valley Mosquito and Vector Control District

43420 Trader Place, Indio, CA 92201 | (760) 342-8287 | cvmosquito.org

Board of Trustees Meeting via Zoom and In-Person

Tuesday, November 8, 2022

6:00 p.m.

AGENDA

The Board of Trustees will take action on all items on the agenda.

Materials related to an agenda item that are submitted to the Board of Trustees after distribution of the agenda packets are available for public inspection in the Clerk of the Board's office during normal business hours and on the District's website.

Pursuant to Assembly Bill 361, this meeting will be conducted by video and/or teleconference as well as in-person public access to the meeting location. To view/listen/participate in the meeting live, please join by calling 1-888-475-4499 (toll-free), meeting ID: [873 4012 3121](https://us02web.zoom.us/j/87340123121), or click this link to join: <https://us02web.zoom.us/j/87340123121>, or attend in person at the District office located at the address listed above. Written public comment may also be submitted to the Clerk of the Board by 1:30 p.m. on November 8, 2022, at mtallion@cvmosquito.org. Transmittal prior to the meeting is required. Any correspondence received during or after the meeting will be distributed to the Board as soon as practicable and retained for the official record.

Before entering the District's facilities, we request that you self-screen for COVID-19 symptoms. We want to work together to help limit the spread of COVID-19.

Assistance for those with disabilities: If you have a disability and need an 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 – Benjamin Guitron, President

2. Pledge of Allegiance

3. Roll Call

4. Confirmation of Agenda

5. Public Comments

Those wishing to address the Board should send an email to the Clerk of the Board by 1:30 p.m. on November 8, 2022, at mtallion@cvmosquito.org, or appear at the meeting to provide public comments. Please note that, as stated above, the meeting will be conducted remotely and in person.

A. PUBLIC Comments — NON-AGENDA ITEMS: This time is for members of the public to address the Board of Trustees on items of general interest (a non-agenda item) within the subject matter jurisdiction of the District. The District values your comments; however, pursuant to the Brown Act, the Board cannot take action on items not listed on the posted Agenda. **Comments are limited to a total of three (3) minutes per speaker for non-agenda items.**

B. PUBLIC Comments — AGENDA ITEMS: This time is for members of the public to address the Board of Trustees on agenda items (Open and Closed Sessions). **Comments are limited to three (3) minutes per speaker per agenda item.**

All comments are to be directed to the Board of Trustees and shall be devoid of any personal attacks. Members of the public are expected to maintain a professional, courteous decorum during public comments.

6. Board Reports

A. President’s Report – Benjamin Guitron, President

Executive Committee oral report and Executive Committee minutes from October 28, 2022 **(Pg. 6)**

B. Finance Committee – Doug Walker, Treasurer

Finance Committee oral report and Finance Committee minutes from October 11, 2022 **(Pg. 9)**

7. Staff Informational Reports

A. Live Reports

- General Manager's Report

Questions and/or comments from Trustees regarding the report

8. Items of General Consent

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

- A. Approval of Resolution 2022-26 authorizing remote teleconferencing meetings for the period November 13 – December 12, 2022 – **Jeremy Wittie, M.S., CSDM, General Manager (Pg. 11)**
- B. Amended Minutes for September 13, 2022, Board Meeting and Minutes for October 11, 2022, Board Meeting **(Pg. 19)**
- C. Approval of expenditures for October 7, 2022-November 2, 2022 **(Pg. 31)**
- D. Informational Items:
 - Financials – **David I'Anson, Administrative Finance Manager (Pg. 32)**
 - Correspondence **(Pg. 48)**
 - Departmental Reports: Human Resources; Finance; Information Technology; Laboratory & Surveillance Control; and Public Outreach **(Pg. 55)**
 - MVCAC Fall Meeting November 1-3, 2022, in Visalia, CA **(Pg. 67)**
 - Transfer of mosquitofish to Orange County Mosquito and Vector Control District **(Pg. 68)**
 - Donation of TIFA Power Fogging/ULV machine to East Side Mosquito Abatement District **(Pg. 69)**
 - 2023 Board of Trustees Meeting Calendar **(Pg. 70)**
 - District Travel **(Pg. 71)**
- E. **Old Business** – None

10. New Business

- A. Approval of Resolution 2022- 27 providing a gift certificate to employees for work performed late November through early December 2022 in a total collective amount for all certificates not to exceed \$2,800 from fund 5300.01.202.000 – Employee Incentive- **Budgeted; Funds Available** – **Jeremy Wittie, M.S., CSDM, General Manager (Pg. 72)**

- B. Approval of 2023 research proposals in an amount not to exceed \$202,470.52; \$101,235.26 will be expensed in Fiscal Year (FY) 2022/23 the balance will be expensed FY 2023/24 from Fund 8510.01.600.000 – Research Projects, **Budgeted; Funds Available** – **Ad Hoc Research Committee and Jennifer A. Henke, M.S., Laboratory Manager (Pg. 76)**

- C. Appointment of the ad hoc Nominations Committee – **Benjamin Guitron, Board President (Pg. 81)**

- D. Appointment of the ad hoc Negotiations Committee – **Benjamin Guitron, Board President (Pg. 82)**

11. Closed Session (s)

Closed Session (s):

- A. **Public Employee Performance Evaluation pursuant to Government Code Section 54957 (b)(1)**
Title: General Manager

12. Comments by General Counsel

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

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

14. Adjournment

At the discretion of the Board, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

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Certification of Posting

I certify that on November 4, 2022, 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 November 4, 2022.

Melissa Tallion, Clerk of the Board



BOARD REPORTS

Coachella Valley Mosquito and Vector Control District

Executive Committee Meeting Via Zoom

DRAFT - Minutes

TIME AND DATE: 11:00 a.m., Friday, October 28, 2022

LOCATION: 43420 Trader Place, Indio, CA 92201-Via Zoom

TRUSTEES PRESENT:

Indio	Benjamin Guitron, President
Palm Springs	Doug Kunz, Secretary
Palm Desert	Doug Walker, Treasurer

ABSENT:

Indian Wells	Clive Weightman, Vice President
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Members of the Public present:

Yes

OTHERS PRESENT:

Jeremy Wittie, M.S., General Manager
Melissa Tallion, Clerk of the Board

1. Call to Order

President Guitron called the meeting to order at 11:02 a.m.

2. Roll Call

Roll call indicated three (3) of four (4) Committee members were present.

3. Confirmation of Agenda

President Guitron inquired if there were any agenda items to be shifted. Upon no objections by the Committee, the agenda was confirmed.

4. Public Comments

None

5. Review of November 8, 2022, draft Board meeting agenda

The draft November Board meeting agenda was reviewed by the Committee. Changes to the agenda and discussion included adding the ad hoc Research Committee to item 10A. Vice President Weightman submitted two (2) comments to be discussed during the meeting. The

Committee discussed moving Resolution 2022-26 and the 2023 Board calendar to new business items. The Committee came to a consensus and will leave both items under Items of General Consent.

6. Old Business

None

7. New Business

- A. Discussion of the employment agreement for the General Manager
The Committee had no changes to the agreement. President Guitron will ask Lena Wade, Legal Counsel to review the employment agreement and suggest any changes.
- B. Discuss the appointment of new members to the ad hoc Negotiations Committee
President Guitron will appoint the ad hoc Negotiations committee during the November 8, 2022, Board of Trustees meeting.
- C. Discuss the appointment of new members to the ad hoc Nominations Committee
President Guitron will appoint the ad hoc Negotiations committee during the November 8, 2022, Board of Trustees meeting. As soon as possible, after the November Board meeting, Melissa Tallion, Board Clerk will send a survey to find out which Trustees are interested in serving in an executive position.

8. Trustee/staff comments

Treasurer Walker asked if staff could schedule Microsoft 365 Training for the Trustees. Mrs. Tallion will send out a survey to the Board to see if there is any interest in attending a training.

The committee would like Mrs. Tallion to add information about the 2023 MVCAC annual meeting to be added to the Board packet.

9. Confirmation of next meeting

*The next meeting was scheduled for Tuesday, December 20, 2022, at 4:30 p.m. **UPDATE: the next meeting was rescheduled for Friday, December 16, 2022, at 3:00 p.m.***

10. Adjournment

President Guitron adjourned the meeting at 11:49 a.m.

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Finance Committee Meeting Via Zoom
DRAFT-Minutes

TIME 4:30 p.m. **DATE:** October 11, 2022

LOCATION: 43420 Trader Place Indio, CA 92201 via zoom

COMMITTEE MEMBERS PRESENT:

Palm Desert Doug Walker, Board Treasurer
Indian Wells Clive Weightman, Board Vice-President
County at Large Bito Larson, Trustee

COMMITTEE MEMBERS ABSENT:

None

OTHER TRUSTEES PRESENT:

None

STAFF PRESENT:

Jeremy Wittie, General Manager
David l'Anson, Administrative Finance Manager
Melissa Tallion, Executive Assistant/Clerk of the Board

MEMBERS OF THE PUBLIC PRESENT:

No

1. **Call to Order** - *Treasurer Walker called the meeting to order at 4:33 p.m.*
2. **Roll Call** - *Roll call indicated all three (3) Committee members were present.*
3. **Confirmation of Agenda** - *The agenda was confirmed as presented.*
4. **Public Comments** - *None.*
5. **Items of General Consent**
 - A. Approval of Minutes from September 13, 2022, Finance Committee Meeting

On a motion from Trustee Larson seconded by Trustee Weightman, and passed by the following roll call votes, the Committee approved the minutes as presented.

Ayes: Treasurer Walker, Trustees Larson, Weightman

Noes: None

Abstained: None

Absent: None

6. Discussion, Review, and/or Update

- A. Review of Check Report from Abila MIP for the period of September 6, 2022, to October 5, 2022.

The check report was reviewed by Committee members and staff. A discussion ensued regarding a few checks that needed further explanation.

- B. CalCard Charges – Statement dated September 23, 2022

The CalCard monthly statement was reviewed by Committee members and staff. Questions regarding specific charges were brought forward by the Committee and staff provided more information. The Committee and staff had a discussion about the District's CalCard procedure. The Committee would like the District to ensure that all policies and procedures are being followed by District staff. David l'Ason will reivev the CalCard policy with staff.

- C. Review of September 2022 Financials and Treasurers Report

The Committee and staff reviewed the Financials and Treasurers Report.

7. Old Business-None

8. New Business

- A. Review of finance-related items on the Board agenda

The Board agenda was reviewed.

9. Schedule Next Meeting- *The next Finance Committee meeting was scheduled for November 8, 2022, at 4:30 p.m.*

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

11. Adjournment - *Treasurer Walker adjourned the meeting at 5:34 p.m.*



ITEMS OF GENERAL CONSENT



**Coachella Valley Mosquito and
Vector Control District**

Staff Report

November 8, 2022

Agenda Item: Informational Item

Discussion and/or approval of Resolution 2022-26 authorizing remote teleconferencing meetings for the period November 13, 2022 – December 12, 2022 – **Jeremy Wittie, M.S., CSDM, General Manager**

Background:

The Board of Trustees met on October 11, 2022, and adopted Resolution 2022-24 proclaiming a local emergency, ratifying the proclamation of a state of emergency by Executive Order N-09-21, and authorizing remote teleconferencing meetings of the Legislative bodies of the Coachella Valley Mosquito and Vector Control District for the period of October 14, 2022 – November 12, 2022, pursuant to the provisions of the Ralph M. Brown act.

If a local agency passes a resolution by majority vote that meeting in person during the state of emergency would present imminent risks to the health or safety of attendees, the resolution will permit meeting under the provisions of AB 361 for a maximum period of 30 days. After 30 days, the local agency would need to renew its resolution, consistent with the requirements of AB 361, if the agency desires to continue meeting under the modified Brown Act requirements or allow the resolution to lapse.

This Resolution will cover all meetings of the Legislative Bodies.

- Board of Trustees Meetings
- Executive Committee Meetings
- Finance Committee Meetings

AB 361 provides that it will sunset on January 1, 2024.

Staff Recommendation:

Approve Resolution 2022-26 authorizing remote teleconferencing meetings for the period November 13 – December 12, 2022.

Continue to pass AB 361 resolutions to authorize remote teleconference meetings for all Board of Trustee meetings (Monthly, Executive, Finance, Ad hoc) until Governor Newsom resends his state of emergency addressing the COVID-19 pandemic.

Doing so will continue to allow Trustees, staff, and the public to attend and participate in meetings both in person or virtually which will enhance access to public meetings and maintain a safer meeting environment as we continue to conduct District business and navigate COVID-19 in the coming months.

Exhibits:

- Resolution 2022-26

RESOLUTION NO. 2022-26

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE
COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT
PROCLAIMING A LOCAL EMERGENCY, RATIFYING THE PROCLAMATION OF A
STATE OF EMERGENCY BY EXECUTIVE ORDER N-09-21,
AND AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF
THE LEGISLATIVE BODIES OF THE
COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT
FOR THE PERIOD NOVEMBER 13, 2022 – DECEMBER 12, 2022, PURSUANT TO
PROVISIONS OF THE RALPH M. BROWN ACT**

WHEREAS, the Coachella Valley Mosquito and Vector Control District (the “District”) is committed to preserving and nurturing public access and participation in meetings of the Board of Trustees; and

WHEREAS, all meetings of the District’s legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code §§ 54950 – 54963) (the “Brown Act”), so that any member of the public may attend, participate, and watch the District’s legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District’s boundaries, caused by natural, technological, or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing or the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, such conditions now exist in the District, specifically, on March 4, 2020, the Governor of the State of California proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19; despite sustained efforts, the virus continues to spread and is impacting nearly all sectors of California; and

WHEREAS, on February 28, 2022, the California Department of Public Health website was updated and strongly recommends that all persons, regardless of vaccine status, continue indoor masking; and

WHEREAS, given the continued heightened risks of the predominant variant of COVID-19 in the community, holding meetings with all members of the legislative body, staff, and the public in attendance in person in a shared indoor meeting space would pose an unnecessary and immediate risk to the attendees; and

WHEREAS, the Board of Trustees does hereby find that the ongoing risk posed by the highly transmissible COVID-19 virus will continue to cause conditions of peril to the safety of persons within the District which are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and the Board of Trustees desires to proclaim a local emergency and ratify the proclamation of a state of emergency by the Governor of the State of California; and

WHEREAS, as a consequence of the local emergency, the Board of Trustees does hereby find that the legislative bodies of the District shall conduct the District's meetings without compliance with Government Code section 54953(b)(3), as authorized by Government Code section 54953(e), and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in Government Code section 54953(e)(2); and

WHEREAS, the Board of Trustees previously adopted Resolution No. 2022-24 on October 11, 2022, finding that the requisite conditions exist for the legislative bodies of the District to conduct remote teleconference meetings without compliance with Government Code section 54953(b)(3); and

WHEREAS, all meeting agendas stating meeting dates, times, and the manner in which the public may attend and offer public comment by call-in option or internet-based service option shall be posted, at a minimum, on the District's website, and at the District's main office.

NOW, THEREFORE, THE BOARD OF TRUSTEES OF THE COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals.

The recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Proclamation of Local Emergency.

The Board of Trustees hereby proclaims that a local emergency now exists throughout the District, and the ongoing risk posed by the highly transmissible COVID-19 virus has caused and will continue to cause, conditions of peril to the safety of persons within the District; furthermore, the guidance of Riverside County Public Health recommends physical distancing and face coverings.

Section 3. Ratification of Governor's Proclamation of a State of Emergency.

The Board of Trustees hereby ratifies the Governor of the State of California's Proclamation of a State of Emergency, effective as of its issuance date of March 4, 2020.

Section 4. Remote Teleconference Meetings.

The President of the Board of Trustees, the District's General Manager, and legislative bodies of the District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date.

This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) December 12, 2022, or such time the Board of Trustees adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the District may continue to teleconference without compliance with Government Code section 54953(b)(3).

Section 6. Certification.

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

PASSED, ADOPTED, AND APPROVED, this 8th day of November by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

**Benjamin Guitron, President
Board of Trustees**

ATTEST:

Melissa Tallion, Clerk of the Board

APPROVED AS TO FORM:

Lena D. Wade, General Counsel

REVIEWED:

Jeremy Wittie, M.S., General Manager

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Board of Trustees Meeting Summary of Action Items September 13, 2022

- ❖ The Board of Trustees approved Resolution 2022-22 authorizing remote teleconferencing meetings for the period September 14, 2022 – October 13, 2022.
- ❖ The Board of Trustees approved granting a day off in December to all full-time employees in appreciation of their work and dedication in protecting public health during the mosquito virus season.
- ❖ The Board of Trustees approved entering into an agreement with Chief Services for the replacement of doors at the District.
- ❖ The Board of Trustees approved the purchase of an Avigilon Surveillance Storage Server for the District's Surveillance Video System.
- ❖ The Board of Trustees approved Resolution 2022-23 adopting the Coachella Valley Mosquito and Vector Control District Supplemental Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for changes to the District's Integrated Vector Management Plan.

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Board of Trustees Meeting Via Zoom
Amended - Minutes

MEETING TIME: 6:00 p.m., Tuesday, September 13, 2022

LOCATION: 43420 Trader Place, Indio, CA 92201- **Via Zoom**

TRUSTEES PRESENT

PRESIDENT: Benjamin Guitron	Indio
VICE PRESIDENT: Clive Weightman	Indian Wells
SECRETARY: Dr. Doug Kunz	Palm Springs (joined after roll call)
TREASURER: Doug Walker	Palm Desert
Steve Downs	Rancho Mirage
Gary Gardner	Desert Hot Springs
Rita Lamb	Cathedral City
Bito Larson	County at Large
John Peña	La Quinta

TRUSTEES ABSENT

Denise Delgado	Coachella
Janell Percy	County at Large

STAFF AND GENERAL COUNSEL PRESENT

Jeremy Wittie, General Manager
Lena Wade, Legal Counsel, SBEMP
Crystal Moreno, Human Resources Manager
David l'Anson, Administrative Finance Manager
Jennifer Henke, Laboratory Manager
Roberta (Bobbye) Dieckmann, Operations Manager
Edward Prendez, Information Technology Manager
Tammy Gordon, Public Information Officer
Melissa Tallion, Executive Assistant/Clerk of the Board

Other staff members joined the meeting as well

MEMBERS OF THE PUBLIC PRESENT

No

- 1. Call to Order** – *President Guitron called the meeting to order at 6:02 p.m.*
- 2. Pledge of Allegiance** – *Secretary Kunz led the Pledge of Allegiance.*

3. Roll Call – *At roll call nine (9) Trustees out of eleven (11) were present.*

4. Confirmation of Agenda – *President Guitron inquired if there were any agenda items to be shifted. Upon no objections by the Board of Trustees, the agenda was confirmed.*

5. Public Comments – *None*

6. Board Reports

A. President's Report:

President Guitron stated that the Executive Committee met and stated that the ad hoc building committee met, and the highlights will be discussed later in the Board meeting by Trustee Walker.

B. Finance Committee:

Treasurer Walker reported that the Finance Committee held its meeting before the Board meeting. The Committee had the opportunity to review the financials as well as the preliminary data from the last fiscal year. As per normal, there were some questions regarding the charges. All questions were answered to the Committee's satisfaction.

7. Staff Informational Reports

A. General Manager's Report

Jeremy Wittie gave a brief overview of his General Manager's Report.

B. Prerecorded Reports

Arbovirus Surveillance and Response update – **Jennifer Henke, M.S., Laboratory Manager, Roberta Dieckmann, Operations Manager, and Tammy Gordon, M.A., APR, Public Information Manager**

Jennifer Henke answered questions that were received.

8. Items of General Consent

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

A. Approval of Resolution 2022-22 authorizing remote teleconferencing meetings for the period September 14, 2022-October 13, 2022

B. Minutes for July 12, 2022, Board Meeting and September 2, 2022, Special Board meeting

C. Approval of expenditures for July 7, 2022-September 8, 2022

D. Informational Items:

- Financials
- Correspondence

- Departmental Reports: Human Resources; Information Technology; Laboratory & Surveillance Control; Operations; and Public Outreach
- Environmental Systems Research Institute (ESRI) User Conference (UC) 2022, San Diego, July 11-15, 2022
- CSDA Annual Meeting
- District Travel
- Riverside Local Agency Formation Commission (LAFCO) Municipal Service Reviews (MSRs) and Sphere of Influence (SOI)

President Guitron asked if any member of the Board would like to pull any specific item for discussion. There was no further separate discussion.

On a motion from Trustee Peña, seconded by Trustee Lamb, and passed by the following roll call votes, the Board of Trustees approved all items of General Consent.

Ayes: President Guitron, Trustees Downs, Gardner, Lamb, Larson, Peña, Walker, Weightman

Noes: None

Abstained: Secretary Kunz

Absent: Trustees Delgado, Percy

9. Old Business-None

10. New Business

A. Update from the Ad Hoc Building Committee

Trustee Walker gave an overview of the ad hoc building committee meeting and stated that the focus of the meeting was to discuss the utilization of the Boardroom and to make it flexible for multiple uses. Trustee Peña mentioned that when construction begins the Board could rotate meetings in various cities. Please contact Melissa Tallion if you would like to volunteer your cities space.

B. Discussion and/or approval to grant a day off in December to all full-time employees in appreciation of their work and dedication in protecting public health during the mosquito virus season – **Jeremy Wittie, M.S., General Manager**

Jeremy Wittie introduced this agenda item, provided a summary and background information, and mentioned that the Board has been very gracious and acknowledged the work of the staff.

On a motion from Trustee Walker, seconded by Secretary Kunz, and passed by the following roll call votes, the Board of Trustees approved granting a day off in December to all full-time employees in appreciation of their work and dedication in protecting public health during the mosquito virus season.

Ayes: President Guitron, Trustees Downs, Gardner, Kunz, Lamb, Larson, Peña, Walker, Weightman

Noes: None

Abstained: None

Absent: Trustees Delgado, Percy

- C. Discussion and/or approval to enter into an agreement with Chief Services for the replacement of doors at the District in an amount not to exceed \$155,000.00 **Budgeted, Funds Available, – David l'Anson, Administrative Finance Manager**

David l'Anson introduced this agenda item and provided a summary and background information.

On a motion from Trustee Peña, seconded by Trustee Downs, and passed by the following roll call votes, the Board of Trustees approved entering into an agreement with Chief Services for the replacement of doors at the District in an amount not to \$155,000.00.

Ayes: President Guitron, Trustees Downs, Gardner, Kunz, Lamb, Larson, Peña, Walker, Weightman

Noes: None

Abstained: None

Absent: Trustees Delgado, Percy

- D. Discussion and/or approval to purchase an Avigilion Surveillance Storage Server for the District Surveillance Video System in the amount not to exceed \$48,000.00, from BlueViolet. Capital Replacement Budget Fund #8415.13.300.000 – **Budgeted, Funds Available, Capital Replacement – Edward Prendez, Information Technology Manager**

Edward Prendez introduced this agenda item and provided a summary, and background information, and mentioned that the wrong government code was referenced in the staff report. The correct one should be California Government Code – 34090.6.

On a motion from Secretary Kunz, seconded by Trustee Lamb, and passed by the following roll call votes, the Board of Trustees approved the purchase of an Avigilion Surveillance Storage Server for the District Surveillance Video System in an amount not to exceed \$48,000.00.

Ayes: President Guitron, Trustees Downs, Gardner, Kunz, Lamb, Larson, Peña, Walker, Weightman

Noes: None

Abstained: None

Absent: Trustees Delgado, Percy

- E. Discussion and /or approval of Resolution 2022- 23 adopting the Coachella Valley Mosquito and Vector Control District Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for Changes to the District’s Integrated Vector Management Plan – **Jennifer A. Henke, M.S., Laboratory Manager**

Jennifer Henke introduced this agenda item and provided a summary, background information, and made a slight correction to reflect that this report is the Supplemental Mitigated Negative Declaration.

On a motion from Trustee Peña, seconded by Trustee Downs, and passed by the following roll call votes, the Board of Trustees approved Resolution 2022-23 adopting the Coachella Valley Mosquito and Vector Control District Supplemental Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for changes to the District’s Integrated Vector Management Plan.

Ayes: President Guitron, Trustees Downs, Gardner, Kunz, Lamb, Larson, Peña, Walker, Weightman

Noes: None

Abstained: None

Absent: Trustees Delgado, Percy

11. Closed Session (s)

Closed Session (s):

A. None

12. Comments by General Counsel – None

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

President Guitron thanked the District staff for continuing the District newsletter and thanked the staff members who have tenure with the District.

14. Adjournment – *President Guitron adjourned the meeting at 6:46 p.m.*

Benjamin Guitron
President

Dr. Doug Kunz
Secretary

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Board of Trustees Meeting Summary of Action Items October 11, 2022

- ❖ The Board of Trustees approved Resolution 2022-24 authorizing remote teleconferencing meetings for the period October 14, 2022-November 12, 2022.
- ❖ The Board of Trustees approved the General Manager to sign the agreement with Dudek Civil Engineering services for a new parcel map for the District's excess property and record with the City of Indio.
- ❖ The Board of Trustees approved Resolution 2022-25 adopting the CVMVCD Emergency Operations Plan.
- ❖ The Board of Trustees approved the General Manager to sign the agreement with USA Shade for the repairs to the Districts' shade structure.
- ❖ The Board of Trustees gave approval to purchase a 1800Q irradiator from Rad Source Technologies, Inc. in an amount not to exceed \$135,000.00.

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Board of Trustees Meeting Via Zoom
DRAFT-Minutes

MEETING TIME: 6:00 p.m., Tuesday, September 13, 2022

LOCATION: 43420 Trader Place, Indio, CA 92201

TRUSTEES PRESENT

PRESIDENT: Benjamin Guitron	Indio
VICE PRESIDENT: Clive Weightman	Indian Wells
SECRETARY: Dr. Doug Kunz	Palm Springs
TREASURER: Doug Walker	Palm Desert
Gary Gardner	Desert Hot Springs (Joined after roll call)
Rita Lamb	Cathedral City
Bito Larson	County at Large
John Peña	La Quinta
Janell Percy	County at Large

TRUSTEES ABSENT

Denise Delgado	Coachella
Steve Downs	Rancho Mirage

STAFF AND GENERAL COUNSEL PRESENT

Jeremy Wittie, General Manager
Lena Wade, Legal Counsel, SBEMP
Crystal Moreno, Human Resources Manager
David l'Anson, Administrative Finance Manager
Jennifer Henke, Laboratory Manager
Roberta (Bobbye) Dieckmann, Operations Manager
Edward Prendez, Information Technology Manager
Tammy Gordon, Public Information Manager
Melissa Tallion, Executive Assistant/Clerk of the Board

Other staff members joined the meeting as well

MEMBERS OF THE PUBLIC PRESENT

No

1. **Call to Order** – *President Benjamin Guitron called the meeting to order at 6:02 p.m.*
2. **Pledge of Allegiance** – *Trustee Lamb led the Pledge of Allegiance.*
3. **Roll Call** – *At roll call eight (8) Trustees out of eleven (11) were present.*
4. **Confirmation of Agenda** – *President Guitron inquired if there were any agenda items to be shifted. Upon no objections by the Board of Trustees, the agenda was confirmed. President Guitron stated that there was a challenge with the Boardroom air conditioner. Due to the challenges, this meeting was held via zoom with limited in-person access. District Legal Counsel, Lena Wade said that due to past approved AB-361 Resolutions this was allowable.*
5. **Public Comments** – *None*
6. **Board Reports**
 - A. **President's Report**

President Guitron stated that the Executive Committee met on September 27, 2022. Highlights from that meeting will be discussed later during the Board meeting.
 - B. **Finance Committee**

Treasurer Walker stated that the Finance Committee held its meeting before the Board meeting. The Committee had the opportunity to review the financials. There was a discussion on the need for additional security measures for CalCard use. David l'Anson will work with staff to ensure District CalCard procedures are being followed. Treasurer brought to the Board's attention the CalPERS Actuarial Valuation Reports and encouraged the Trustees to read and review the report. As normal, there were some questions regarding some of the charges. All questions were answered to the Committee's satisfaction.
7. **Staff Informational Reports**
 - A. **Live Reports**
 - **Cybersecurity Update – Edward Prendez, Information Technology Manager**

Edward Prendez provided an update on Cybersecurity and new measures that have been rolled out to Staff.
 - **District Drone Project Update – Edward Prendez, Information Technology Manager, and Gregorio Alvarado, Operations Program Coordinator**

Gregorio Alvarado provided an update on the District's Drone Program.
 - **General Manager's Report**

Jeremy Wittie gave a brief overview of his General Manager's Report.

8. Items of General Consent

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

- A. Approval of Resolution 2022-24 authorizing remote teleconferencing meetings for the period October 14, 2022 – November 12, 2022 – **Jeremy Wittie, M.S., CSDM, General Manager**
- B. Minutes for September 13, 2022, Board Meeting
- C. Approval of expenditures for September 9, 2022-October 6, 2022
- D. Informational Items:
 - Financials – **David l'Anson, Administrative Finance Manager**
 - CalPERS Actuarial Valuation Reports – **David l'Anson, Administrative Finance Manager**
 - Correspondence
 - California Association of Public Information Officials Annual Conference – **Tammy Gordon, M.A., APR, Public Information Manager**
 - Society of Vector Ecology (SOVE) Annual Conference – **Jennifer Henke, M.S., Laboratory Manager, and Kim Hung, Ph.D., BCE**
 - Master Public Information Officer Program – **Tammy Gordon, M.A., APR, Public Information Manager**

President Guitron asked if any member of the Board would like to pull any specific item for discussion. There was no further separate discussion.

On a motion from Trustee Peña, seconded by Trustee Lamb, and passed by the following roll call votes, the Board of Trustees approved all items of General Consent.

Ayes: President Guitron, Trustees Kunz, Lamb, Larson, Peña, Percy, Walker, Weightman

Noes: None

Abstained:

Absent: Trustees Delgado, Downs, Gardner

9. Old Business

- A. Approval for the General Manager to sign the agreement with Dudek Civil Engineering services for a new parcel map for the District's excess property and record with the City of Indio – **David l'Anson, Administrative Finance Manager**

David l'Anson introduced this agenda item and provided a summary and background information.

On a motion from Trustee Walker, seconded by Trustee Kunz, and passed by the following roll call votes, the Board of Trustees approved the General Manager to sign the agreement with Dudek Civil Engineering services for a new parcel map for the District's excess property and record with the City of Indio.

Ayes: President Guitron, Trustees Gardner, Kunz, Lamb, Larson, Peña, Percy, Walker, Weightman

Noes: None

Abstained:

Absent: Trustees Delgado, Downs

10. New Business

- A. Discussion and/or approval of Resolution 2022-25 adopting the CVMVCD Emergency Operations Plan – **Jeremy Wittie, M.S., CSDM, General Manager**

Jeremy Wittie introduced this agenda item and provided a summary and background information.

On a motion from Trustee Peña, seconded by Trustee Lamb, and passed by the following roll call votes, the Board of Trustees approved Resolution 2022-25 adopting the CVMVCD Emergency Operations Plan.

Ayes: President Guitron, Trustees Gardner, Kunz, Lamb, Larson, Peña, Percy, Walker, Weightman

Noes: None

Abstained:

Absent: Trustees Delgado, Downs

- B. Approval for the General Manager to sign the agreement with USA Shade for the repairs to the District's shade structure – **David I'Anson, Administrative Finance Manager**
David I'Anson introduced this agenda item and provided a summary and background information.

On a motion from Trustee Gardner, seconded by Trustee Weightman, and passed by the following roll call votes, the Board of Trustees approved the General Manager to sign the agreement with USA Shade for the repairs to the District's shade structure.

Ayes: President Guitron, Trustees Gardner, Kunz, Lamb, Larson, Peña, Percy, Walker, Weightman

Noes: None

Abstained:

Absent: Trustees Delgado, Downs

- C. Discussion and/or approval to purchase a 1800Q irradiator from Rad Source Technologies, Inc. in an amount not to exceed \$135,000.00, **Budgeted; Funds Available** – **Jennifer A. Henke, M.S., Laboratory Manager**
Jennifer Henke introduced this agenda item and provided a summary and background information.

*On a motion from Trustee Kunz, seconded by Trustee Walker, and passed by the following roll call votes, the Board of Trustees approved the purchase of a 1800Q irradiator from Ras Source Technologies, Inc., in an amount not to exceed \$135,000.00, **Budgeted; Funds Available.***

Ayes: President Guitron, Trustees Gardner, Kunz, Lamb, Larson, Peña, Percy, Walker, Weightman

Noes: None

Abstained:

Absent: Trustees Delgado, Downs

- D. Discussion and/or approval to reschedule the November 8, 2022, Finance Committee meeting and Board meeting to November 15, 2022 – **Executive Committee**
President Guitron mentioned that this agenda item was discussed and realized that there might be a challenge with Election Day commitments. A discussion ensued and it was decided by a consensus to keep the Finance Committee and Board meeting on November 8, 2022.

11. Closed Session (s)

Closed Session (s):

- A. **Public Employee Performance Evaluation pursuant to Government Code Section 54957 (b)(1)**

Title: General Manager

12. Comments by General Counsel

No Reportable Action

Lena Wade provided a summary of several recently enacted California Laws that modify the Brown Act.

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

Trustee Gardner mentioned that he had just completed his ride-a-long (field trip) with Jeremy Wittie. He said it was well worth the time and effort and learned much more about the day-to-day operations of a technician.

14. Adjournment – President Guitron adjourned the meeting at 7:40 p.m.

Benjamin Guitron
President

Dr. Doug Kunz
Secretary

Coachella Valley Mosquito and Vector Control District

Checks Issued for the Period of:
October 7-November 2, 2022

Check No	Payable To	Description	Check Amount	Total Amount
	Payroll Disbursement	October 14, 2022	233,588.38	
	Payroll Disbursement	October 28, 2022	226,052.33	
				459,640.71
Pre-Approved Expenditures Utilities/Benefits:				
44239	CalPERS Healthcare Acct	Healthcare 11/2022	92,044.52	
44240	Imperial Irrigation District	District Electricity Charges	4,094.86	
44241	Imperial Irrigation Dist-Lab Acct	District Electricity Charges	6,272.71	
44242	Indio Water Authority	District Water Usage	1,109.99	
44243	SoCalGas	District Natural Gas Charges	165.47	
44238	Burrtec Waste & Recycling Svcs.	Waste Disposal Services	454.56	
				104,142.11
Pre-Approved Expenditures less than \$10,000.00:				
44237	Meridian Consultants	Professional Fees	4,785.00	
44244	Abila	Cloud Computing Services	873.86	
44246	Advance Imaging Systems	Contract Services	299.77	
44247	Airgas USA, LLC	Lab Supplies	2,407.80	
44248	Gregorio Alvarado	Tuition Reimbursement	1,275.00	
44249	CarQuest Auto Parts	Vehicle Parts & Supplies	328.69	
44251	Cintas Corporation #3	Uniform Expense	4,629.39	
44252	CleanExcel	Janitorial Services	3,811.00	
44253	C&R Wellness Works LLC dba Wellness Works	Employee Assistance Services	315.00	
44254	Daniel's Tire Service	Tire Services	1,349.23	
44255	Del Valle Informador Inc.	Advertising	880.00	
44257	Desert Alarm, Inc.	Burglar & Fire Alarm Monitoring Services	1,019.70	
44258	Desert Electric Supply	Repair & Maintenance	105.14	
44259	Ewing Irrigation	Repair & Maintenance	15.38	
44260	Fedak & Brown, LLP	Professional Fees	550.00	
44261	Garcia Plumbing Co.	Repair & Maintenance	8,935.00	
44262	Hypertec USA Inc	Cloud Computing Services	30.62	
44263	Indio Emergency Medical Group	Physician Fees	135.00	
44264	Inova Holding III, LLC dba Inova Payroll of Southern CA LLC	Cloud Computing Services	924.17	
44265	Jernigan's Sporting Goods, Inc.	Safety Expense	163.11	
44266	Kwik Kleen Of The Desert	Offsite Vehicle Maintenance & Repair	170.00	
44267	Izzy Motors Inc. dba La Quinta Chevrolet	Vehicle Parts & Supplies	2,185.92	
44268	Linde Gas & Equipment Inc.	Cylinder Rentals	59.60	
44269	Marlin Leasing Corporation	Contract Services	705.79	
44270	Puretec Industrial Water	Repair & Maintenance	642.76	
44271	Refrigeration Supplies Distributor	Repair & Maintenance	92.51	
44272	RM Broadcasting LLC	Advertising	2,580.00	
44273	Slovak Baron Empey Murphey & Pinkney LLP	Attorney Fees	4,927.25	
44274	SC Commercial LLC dba SC Fuels	Motor, Fuel, Oil	9,025.67	
44275	Southwest Boulder & Stone	Repair & Maintenance	133.36	
44276	Veolia ES Technical Solutions, LLC	Lab Supplies and Expense	629.28	
44277	Valley Lock & Safe	Repair & Maintenance	366.87	
44278	Valley Sanitary District	Utilities	7,160.25	
44279	Verizon Business	IT Communications	1,646.85	
44280	Verizon Wireless	Equipment Parts & Supplies	2,648.07	
44281	Waxie Sanitary Supply	Repair & Maintenance	448.46	
Cash - California Bank & Trust Checking				66,255.50
Cash - California Bank & Trust Checking				
44245	Adapco, Inc.	Chemical Control	20,977.44	
44256	Desert Air Conditioning	Repair & Maintenance	13,924.72	
44282	U.S. Bank	Calcard Statement	105,790.77	
Cash - California Bank & Trust Check Run Total to be Approved				140,692.93
Total Expenditures: October 7-November 2, 2022				770,731.25

Benjamin Guitron IV, President

Douglas Walker, Treasurer



FINANCE REPORTS

FINANCE

The financial reports show the preliminary balance sheet, receipts, and revenue and expenditure reports for the month ending October 31, 2022. The revenue and expenditure report shows that the operating budget expenditure for July 1, 2021, to October 31, 2022, is \$5,485,272; total revenue is \$206,369 resulting in excess revenue over (under) expenditure for the year to October 31, 2022, of (\$5,278,903).

THREE YEAR FINANCIALS

	Actual	Budget	Actual	Actual
	10/31/2022	Budget	10/31/2021	10/31/2019
Revenue	206,369	214,170	181,437	224,650
Expenses				
Payroll	2,911,009	3,164,656	3,700,576	2,917,437
Administrative Expe	277,986	335,903	285,408	226,493
Utility	36,675	38,736	34,676	50,916
Operating Expense	854,263	773,582	627,962	977,928
Contribution to Capital	1,405,339	1,405,339	160,433	167,849
Total Expenses	5,485,272	5,718,216	4,809,055	4,340,623
Profit (Loss)	(5,278,903)	(5,504,046)	(4,627,618)	(4,115,973)

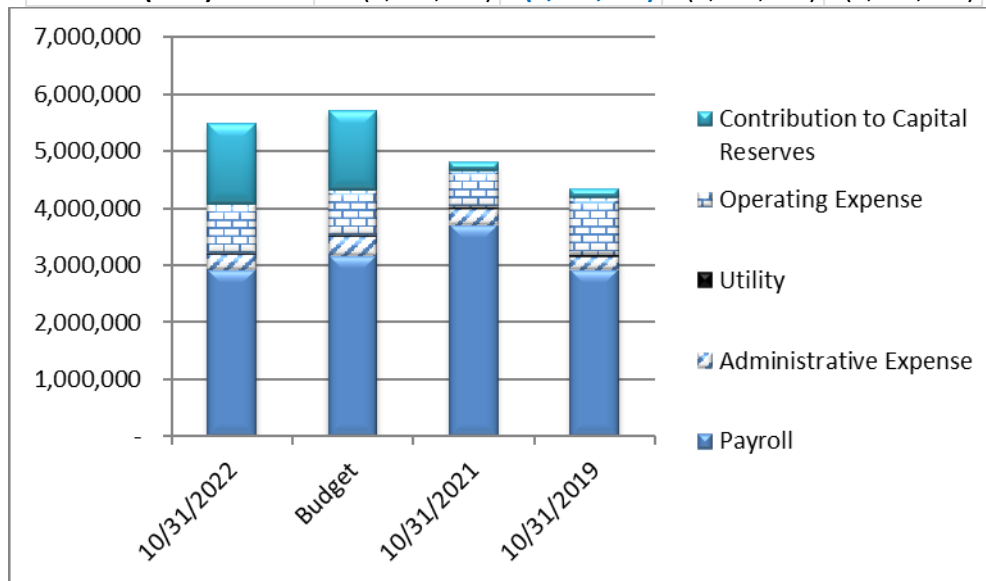


Figure 1 - Three Year Expenditure

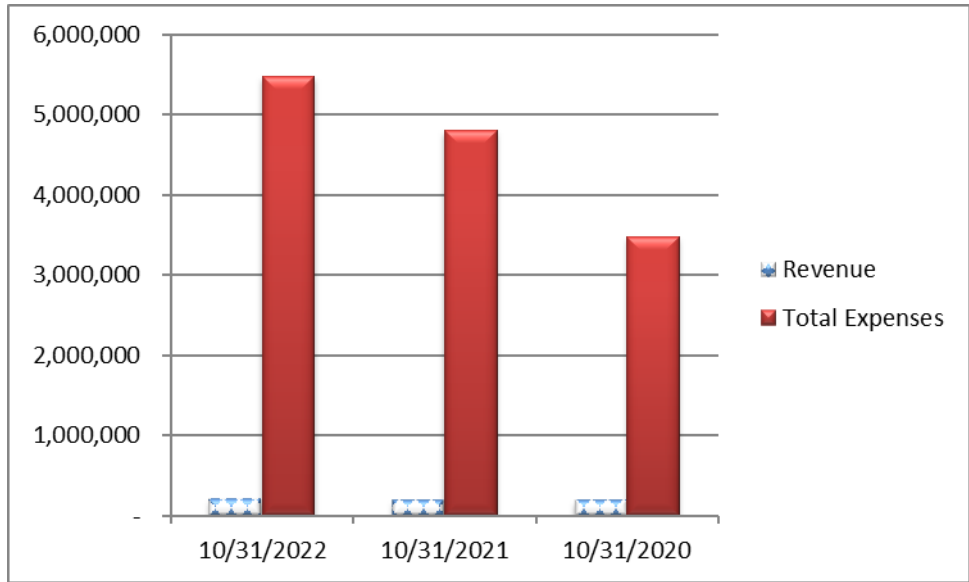


Figure 2 - Three Year Revenue & Expenditure

THREE-YEAR CASH BALANCE

Cash Balances	10/31/2022	10/31/2021	10/31/2020
Investment Balance	11,084,388	10,371,992	9,755,772
Checking Accounting	31,923	4,550	79,951
Payroll Account	158,350	385,504	126,890
Petty Cash	2,000	2,000	2,000
Total Cash Balances	11,276,661	10,764,046	9,964,613

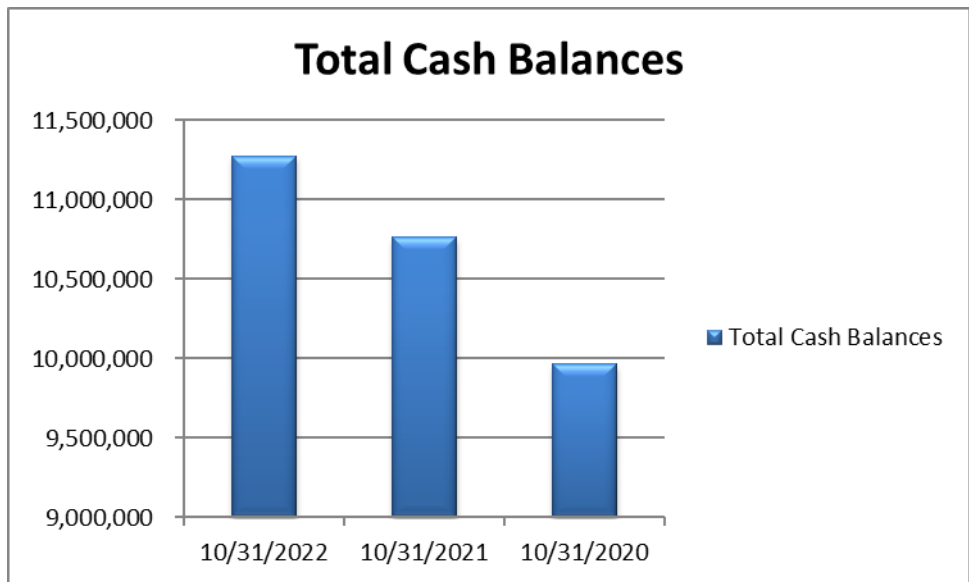


Figure 3 - Cash Balances

DISTRICT INVESTMENT PORTFOLIO 10/31/2022

The District's investment fund balance for the period ending October 31, 2022, is \$11,120,814. The portfolio composition is shown in the pie chart. Local Agency Investment Fund (LAIF)

accounts for 26% of the District's investments; the Riverside County Pooled Investment Fund is 29% of the total. The LAIF yield for the end of October was 1.75% and the Riverside County Pooled Investment Fund was 1.76% this gives an overall weighted yield for District investments of 1.22%.

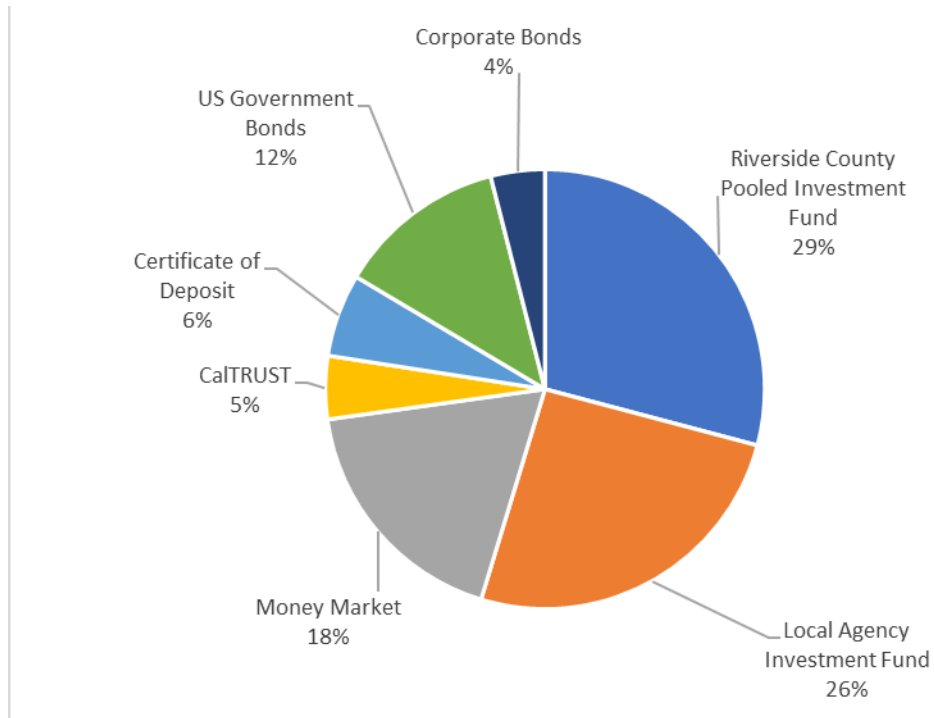


Figure 4 - Investment Portfolio 10/31/22

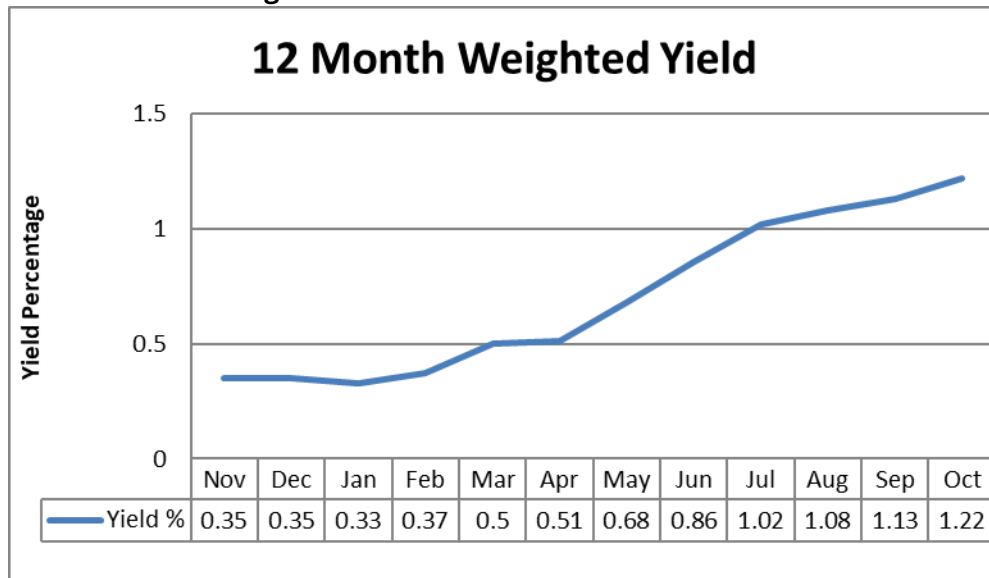


Figure 5 - District Investments Weighted Yield

Coachella Valley Mosquito and Vector Control District
 FINANCES AT A GLANCE
 ALL FUNDS COMBINED
 For the Month Ended October 31, 2022

	Beginning of the Month	Change During the Month	End of the Month
INVESTMENTS	11,899,825	(815,437)	11,084,388
CASH	251,142	(58,870)	192,273
INVESTMENTS & CASH	12,150,968	(874,307)	11,276,661
CURRENT ASSETS	1,889,369	(104,281)	1,785,088
FIXED ASSETS	9,318,824	-	9,318,824
OTHER ASSETS	7,564,490	-	7,564,490
TOTAL ASSETS	30,923,651	(978,588)	29,945,063
TOTAL LIABILITIES	3,940,526	(251,351)	3,689,175
TOTAL DISTRICT EQUITY	26,983,125	(727,237)	26,255,888
TOTAL LIABILITIES & EQUITY	30,923,651	(978,588)	29,945,063
RECEIPTS			
		\$ 251,656	
CASH DISBURSEMENTS			
Payroll	\$ 459,641		
General Admin	\$ 666,323		
Total Cash Disbursements		\$ (1,125,963)	
NON-CASH ENTRIES:			
Accrual Modifications -		\$ (104,281)	
Changes in A/P, A/R & Pre-paid insurance		_____	
Change during Month - Excess of Cash over Receipts & Non-Cash Adjustments		\$ (978,588)	

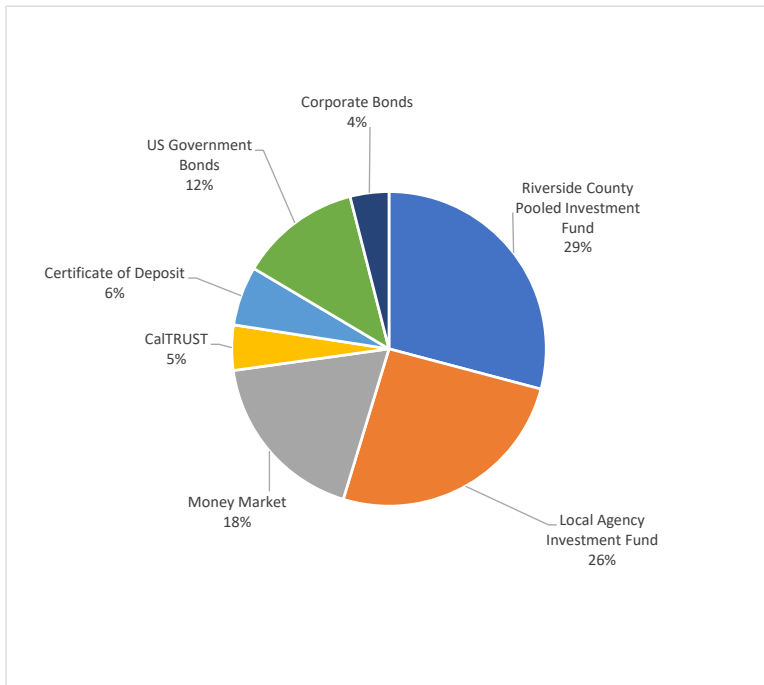
CVMVCD
 Cash Journal - deposits
 From 10/1/2022 Through 10/31/2022

<u>Effective ...</u>	<u>Transaction Description</u>	<u>Deposits</u>	<u>Payee/Recipient Name</u>
10/19/2022	Teeter SS4	51,646.21	Riverside County
10/31/2022	October Receipts - Bank Interest	124.63	California Bank & Trust
10/31/2022	October Receipts - Current Unsecured	187,110.51	Riverside County
10/31/2022	October Receipts - LAIF Interest	9,645.11	Local Agency Investment Fund
10/31/2022	October Receipts - Teeter Tax Sale Adj	59.18	Riverside County
10/31/2022	October Receipts - Workers Comp reimbursement	<u>3,070.82</u>	Vector Control Joint Powers Agency
Report Total		<u><u>251,656.46</u></u>	

**COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT
INVESTMENT FUND BALANCES AS OF OCTOBER 31, 2022**

INSTITUTION	IDENTIFICATION	Issue Date	Maturity Date	YIELD	General Fund	Thermal Capital Fund	Capital Equipment Replacement Fund	Capital Facility Replacement Fund	Capital Project Insectory Fund	BALANCE
LAIF	Common Investments			1.75%	2,063,474	38,788	72,167	448,713	221,106	\$ 2,844,248
Riverside County	Funds 51105 & 51115			1.76%	2,349,630	44,167	82,175	510,939	251,769	\$ 3,238,680
CalTRUST	Medium Term Fund			1.84%	374,701	7,043	13,105	81,481	40,150	\$ 516,480
CA Bank & Trust	Market Rate			0.15%	1,442,768	27,120	50,459	313,737	154,596	\$ 1,988,680
Pershing	Market Rate			0.00%	17,513	329	613	3,808	1,877	\$ 24,140
BMW Bank	Certificate of Deposit	11/20/2020	11/20/2025	0.50%			54,282	171,892		\$ 226,174
State BK of India	Certificate of Deposit	11/23/2020	11/24/2025	0.55%			54,361	172,144		\$ 226,505
Goldman Sachs	Certificate of Deposit	9/21/2021	9/22/2026	1.05%		37,736	45,057	142,681		\$ 225,474
Federal Home Ln	US Government Bonds	11/24/2020	11/24/2025	0.63%			166,936	528,629		\$ 695,565
Federal Natl Mtg Assn	US Government Bonds	11/25/2020	11/25/2025	0.63%			166,009	525,694		\$ 691,703
Bank Amer Corp	Corporate Bonds	11/25/2020	11/25/2025	0.65%			106,360	336,805		\$ 443,165
Total Investments					6,248,086	155,184	811,523	3,236,523	669,498	\$ 11,120,814

**PORTFOLIO COMPOSITION AS OF OCTOBER 31, 2022
WEIGHTED YIELD 1.22%**



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
October 31, 2022

	Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Annual Percent Budget
Revenues									
4000	Property Tax - Current Secured	4,438,762	0	59	59	0	59	59	(4,438,703) (101)%
4010	Property Tax - Curr. Supplmntl	31,172	0	0	0	0	0	(31,172)	(100)%
4020	Property Tax - Curr. Unsecured	199,247	182,670	187,111	4,441	182,670	187,111	4,441	(12,136) (6)%
4030	Homeowners Tax Relief	36,924	0	0	0	0	0	(36,924)	(100)%
4070	Property Tax - Prior Supp.	53,097	0	0	0	0	0	(53,097)	(100)%
4080	Property Tax - Prior Unsecured	9,069	0	0	0	0	0	(9,069)	(100)%
4090	Redevelopment Pass-Thru	6,305,008	0	0	0	0	0	(6,305,008)	(100)%
4520	Interest Income - LAIF/CDs	42,000	10,500	10,094	(406)	0	9,770	9,770	(31,906) (76)%
4530	Other Miscellaneous Receipts	63,000	21,000	9,106	(11,894)	5,250	3,071	(2,179)	(53,894) (86)%
4551	Benefit Assessment Income	2,299,810	0	0	0	0	0	(2,299,810)	(100)%
	Total Revenues	13,478,089	214,170	206,369	(7,800)	187,920	200,010	12,091	(13,271,720) (98)%
Expenditures									
Payroll Expenses									
5101	Payroll - FT	5,910,271	1,970,090	1,784,254	185,837	492,523	442,769	49,753	4,126,018 70 %
5102	Payroll Seasonal	142,020	54,816	43,526	11,290	13,704	10,103	3,602	98,494 69 %
5103	Temporary Services	6,900	0	0	0	0	0	0	6,900 100 %
5105	Payroll - Overtime Expense	34,120	10,040	6,910	3,130	2,510	1,884	626	27,210 80 %
5150	CalPERS State Retirement	752,856	377,635	297,829	79,806	46,903	9,722	37,180	455,028 60 %
5155	Social Security Expense	360,143	120,511	115,244	5,267	30,128	28,324	1,804	244,899 68 %
5165	Medicare Expense	84,227	28,184	27,433	751	7,046	6,821	225	56,794 67 %
5170	Cafeteria Plan	1,263,700	421,233	491,186	(69,952)	105,308	90,101	15,208	772,514 61 %
5172	Retiree Healthcare	392,420	130,807	129,798	1,009	32,702	31,848	853	262,622 67 %
5180	Deferred Compensation	121,857	40,619	14,467	26,152	10,155	(2,587)	12,742	107,391 88 %
5195	Unemployment Insurance	32,066	10,721	365	10,356	2,680	96	2,584	31,702 99 %
	Total Payroll Expenses	9,100,581	3,164,656	2,911,009	253,647	743,658	619,081	124,577	6,189,572 68 %

CVMVCD
Statement of Revenue and Expenditures
October 31, 2022

		Annual	YTD	YTD	Current	Current	Current	Annual	Percent	
		Budget	Budget	Actual	Budget	Period	Period	Budget	Annual	
					Variance	Budget	Actual	Variance	Budget	
Administrative Expenses										
5250	Tuition Reimbursement	20,000	6,667	1,275	5,392	1,667	1,275	392	18,725	94 %
5300	Employee Incentive	15,500	5,167	476	4,690	1,292	107	1,185	15,024	97 %
5302	Wellness	5,600	1,867	289	1,578	467	123	344	5,311	95 %
5305	Employee Assistance Program	4,000	1,333	1,229	105	333	0	333	2,772	69 %
6000	Property & Liability Insurance	193,570	71,190	84,549	(13,359)	17,798	21,137	(3,340)	109,021	56 %
6001	Workers' Compensation Insurance	206,753	93,918	80,285	13,633	23,479	20,071	3,408	126,468	61 %
6050	Dues & Memberships	43,495	34,132	23,170	10,961	700	84	616	20,325	47 %
6060	Reproduction & Printing	27,360	9,120	2,171	6,949	2,280	413	1,867	25,189	92 %
6065	Recruitment/Advertising	7,500	2,500	2,539	(39)	625	50	575	4,961	66 %
6070	Office Supplies	21,121	7,040	4,765	2,276	1,760	537	1,223	16,356	77 %
6075	Postage	5,750	1,917	798	1,119	479	103	377	4,952	86 %
6080	Computer & Network Systems	8,199	2,733	1,496	1,237	683	710	(27)	6,703	82 %
6085	Bank Service Charges	250	83	70	13	21	0	21	180	72 %
6090	Local Agency Formation Comm.	2,400	800	2,541	(1,741)	200	0	200	(141)	(6)%
6095	Professional Fees	45,100	15,033	24,402	(9,368)	3,758	6,126	(2,367)	20,698	46 %
6100	Attorney Fees	68,000	22,667	13,360	9,307	5,667	4,927	739	54,640	80 %
6105	Legal Services / Filing Fees	1,000	333	0	333	83	0	83	1,000	100 %
6106	HR Risk Management	4,500	4,500	5,210	(710)	0	0	0	(710)	(16)%
6110	Conference Expense	54,335	11,133	4,415	6,718	4,833	3,765	1,068	49,920	92 %
6115	In-Lieu	13,200	4,400	4,574	(174)	1,100	1,000	100	8,626	65 %
6120	Trustee Support	7,600	2,533	1,058	1,475	633	446	187	6,542	86 %
6200	Meetings Expense	7,010	1,670	129	1,541	418	19	398	6,881	98 %
6210	Promotion & Education	28,000	9,333	3,785	5,548	2,333	2,598	(265)	24,215	86 %
6220	Public Outreach Advertising	56,000	18,667	7,632	11,034	4,667	6,455	(1,788)	48,368	86 %
6500	Benefit Assessment Expenses	86,000	7,167	7,768	(602)	0	0	0	78,232	91 %
Total Administrative Expenses		932,243	335,903	277,986	57,917	75,276	69,946	5,330	654,257	70 %
Utilities										
6400	Utilities	114,383	38,128	36,333	1,795	9,532	8,619	913	78,050	68 %
6410	Telecommunications	1,824	608	342	266	152	0	152	1,482	81 %
Total Utilities		116,207	38,736	36,675	2,061	9,684	8,619	1,065	79,532	68 %

CVMVCD
Statement of Revenue and Expenditures
October 31, 2022

	Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Annual Percent Budget
Operating									
7000 Uniform Expense	54,985	19,472	9,987	9,485	4,562	37	4,525	44,998	82 %
7050 Safety Expense	32,170	10,790	6,825	3,965	2,648	3,239	(591)	25,345	79 %
7100 Physican Fees	5,000	1,667	1,030	637	417	135	282	3,970	79 %
7150 IT Communications	56,500	18,833	18,091	742	4,708	4,174	534	38,409	68 %
7200 Household Supplies	3,000	1,000	978	22	250	256	(6)	2,022	67 %
7300 Repair & Maintenance	42,000	14,000	18,897	(4,897)	3,500	7,380	(3,880)	23,103	55 %
7310 Maintenance & Calibration	6,170	0	609	(609)	0	41	(41)	5,561	90 %
7350 Permits, Licenses & Fees	6,427	2,532	5,403	(2,870)	763	2,657	(1,894)	1,025	16 %
7360 Software Licensing	31,335	8,980	2,516	6,464	0	0	0	28,819	92 %
7400 Vehicle Parts & Supplies	44,720	14,907	15,090	(183)	3,727	4,140	(414)	29,630	66 %
7420 Offsite Vehicle Maint & Repair	16,882	5,627	13,404	(7,777)	1,407	7,907	(6,500)	3,478	21 %
7450 Equipment Parts & Supplies	26,940	9,573	6,570	3,003	1,983	1,950	33	20,370	76 %
7500 Small Tools Furniture & Equip	4,700	1,567	766	801	392	249	143	3,934	84 %
7550 Lab Supplies & Expense	35,720	14,307	14,215	92	3,577	3,236	341	21,505	60 %
7570 Aerial Pool Surveillance	6,000	0	0	0	0	0	0	6,000	100 %
7575 Surveillance	72,510	29,370	29,739	(369)	2,318	5,414	(3,097)	42,771	59 %
7600 Staff Training	85,700	27,025	12,544	14,482	6,404	2,333	4,070	73,156	85 %
7650 Equipment Rental	1,000	333	53	280	83	0	83	947	95 %
7675 Contract Services	164,827	53,180	39,161	14,019	9,953	9,116	837	125,666	76 %
7680 Cloud Computing Services	104,499	17,830	17,170	659	5,992	130	5,862	87,328	84 %
7700 Motor Fuel & Oils	130,300	43,433	48,767	(5,334)	10,858	9,026	1,833	81,533	63 %
7750 Field Supplies	14,600	4,867	697	4,170	1,217	152	1,065	13,903	95 %
7800 Control Products	573,616	267,481	354,293	(86,812)	112,915	75,900	37,015	219,323	38 %
7850 Aerial Applications	231,000	77,000	184,069	(107,069)	19,250	61,447	(42,197)	46,931	20 %
7860 Unmanned Aircraft Application Servic	40,000	13,333	561	12,773	3,333	561	2,773	39,439	99 %
8415 Capital Outlay	62,442	34,032	7,122	26,910	2,151	0	2,151	55,320	89 %
8510 Research Projects	150,000	45,776	45,707	69	11,439	11,427	12	104,293	70 %
9000 Contingency Expense	110,000	36,667	0	36,667	9,167	0	9,167	110,000	100 %
Total Operating	2,113,043	773,582	854,263	(80,682)	223,012	210,906	12,105	1,258,779	60 %

CVMVCD
Statement of Revenue and Expenditures
October 31, 2022

	Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Percent Annual Budget
Contribution to Capital Reserves									
8900 Transfer to other funds	2,216,016	1,405,339	1,405,339	0	101,335	101,335	0	810,677	37 %
Total Contribution to Capital Reserves	2,216,016	1,405,339	1,405,339	0	101,335	101,335	0	810,677	37 %
Total Expenditures	14,478,089	5,718,215	5,485,272	232,943	1,152,965	1,009,887	143,077	8,992,817	62 %
Net revenue over/(under) expenditures	(1,000,000)	(5,504,046)	(5,278,902)	225,143	(965,045)	(809,877)			

CVMVCD
Balance Sheet
As of 10/31/2022

		Current Year
Assets		
Cash and Investments		
1000	Cash - Investments	11,084,388.11
1016	Petty Cash	500.00
1017	Petty Cash Checking	1,500.00
1035	CB&T General Checking	31,923.10
1036	CB&T Payroll Checking	158,349.58
	Total Cash and Investments	11,276,660.79
Current Assets		
1050	Accounts Receivable	51,773.28
1051	Lease Payments Receivable	11,227.54
1080	Interest Receivable	12,832.89
1085	Inventory	546,950.85
1166	Prepaid IT Service	13,050.00
1167	Prepaid Research Proposals	22,853.40
1168	Prepaid Insurance	326,702.43
1169	Deposits	831,877.00
1398	Amortization Leased Equipment	(32,179.65)
	Total Current Assets	1,785,087.74
Fixed Assets		
1201	Leased Copier Asset #1 Ops Copier	14,694.42
1202	Leased Copier Asset #2 Admin Copier	19,670.89
1300	Equipment/Vehicles	2,117,915.50
1310	Computer Equipment	566,629.49
1311	GIS Computer Systems	301,597.91
1320	Office Furniture & Equipment	1,307,594.90
1330	Land	417,873.30
1335	Oleander Building	5,665,861.83
1336	Signage	23,651.39
1340	Structures & Improvements	3,244,697.72
1341	Bio Control Building	6,923,882.74

CVMVCD
Balance Sheet
As of 10/31/2022

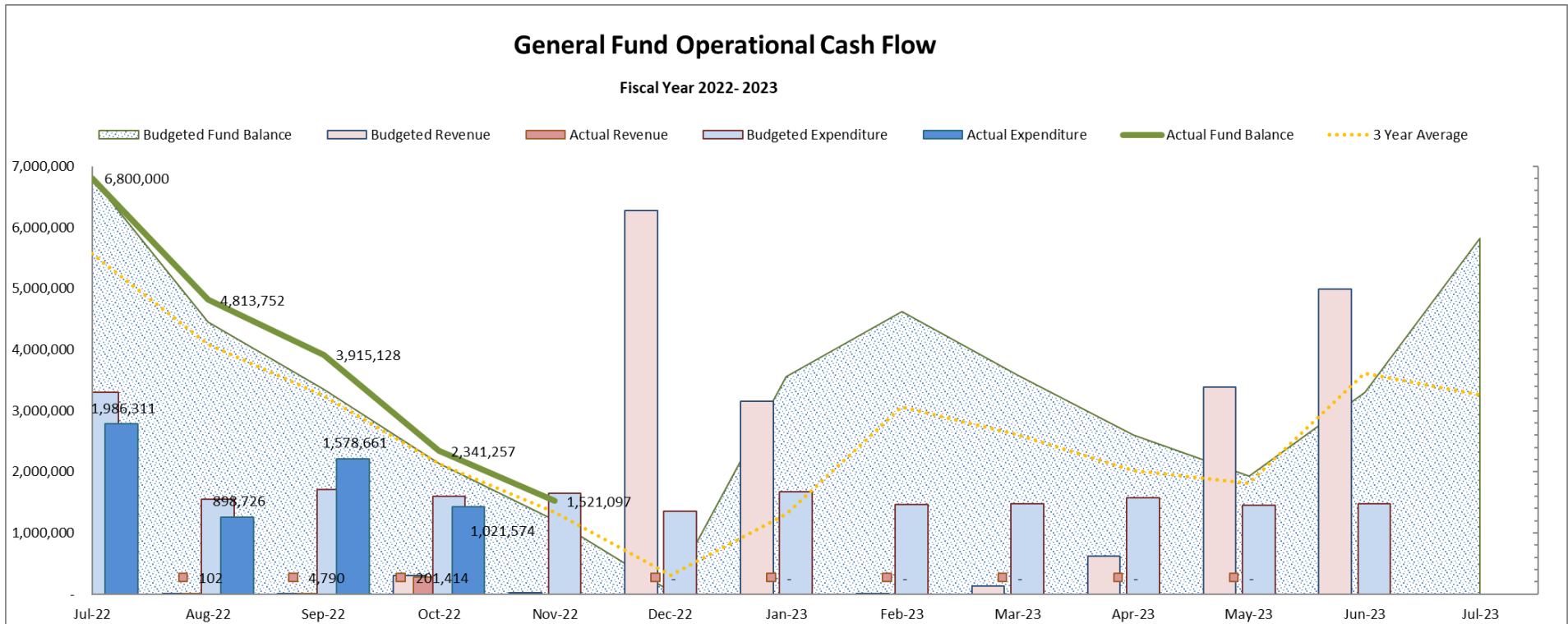
		Current Year
1342	Bio Control Equip/Furn	43,986.77
1399	Accumulated Depreciation	(11,329,232.93)
	Total Fixed Assets	9,318,823.93
	Other Assets	
1520	Resources to Be Provided	3,514,102.32
1525	Deferred Outflows of Resources	2,842,951.00
1530	Deferred Outflows of Resources - OPEB	1,207,437.00
1900	Due to/from	0.12
	Total Other Assets	7,564,490.44
	Total Assets	29,945,062.90
	Liabilities	
	Short-term Liabilities	
	Accounts Payable	
2015	Credit Card Payable	95,482.73
2020	Accounts Payable	277,716.54
2030	Accrued Payroll	(2,514.42)
2040	Payroll Taxes Payable	396.30
2175	Claims/Judgements Payable	54.61
2185	Employee Dues	473.42
2402	Leased Copier Asset # 2	2,191.49
	Total Accounts Payable	373,800.67
	Deferred Revenue	
2025	Deferred Revenue	11,250.00
	Total Deferred Revenue	11,250.00
	Total Short-term Liabilities	385,050.67
	Long-term Liabilities	
2100	Pollution Remediation Obligation	2,100,000.00
2200	Net Pension Liability	(750,483.00)
2210	Deferred Inflows of Resources	84,159.00
2230	Deferred Inflows - OPEB	880,545.00

CVMVCD
Balance Sheet
As of 10/31/2022

		Current Year
2235	Deferred Inflow of Resources - Leases	15,436.75
2300	Net OPEB Liability	87,247.00
2500	Compensated Absences Payable	887,219.76
	Total Long-term Liabilities	3,304,124.51
	Total Liabilities	3,689,175.18
Fund Balance		
Non Spendable Fund Balance		
3920	Investment in Fixed Assets	10,673,170.66
3945	Reserve for Prepaids & Deposit	1,041,259.68
3960	Reserve for Inventory	459,270.86
	Total Non Spendable Fund Balance	12,173,701.20
Committed Fund Balance		
3965	Public Health Emergency	4,851,276.00
	Total Committed Fund Balance	4,851,276.00
Assigned Fund Balance		
3910	Reserve for Operations	5,800,000.00
3925	Reserve for Future Healthcare Liabilities	453,746.00
3955	Thermal Remediation Fund	63,688.00
3970	Reserve for Equipment	726,018.00
3971	Reserve for Facility & Vehicle Replacement	2,659,312.00
	Total Assigned Fund Balance	9,702,764.00
Unassigned Fund Balance		
3900	Fund Equity	(568,650.76)
3991	Prior Year Adjustment GASB87	20,909.82
3999	P&L Summary	4,005,097.29
	Total Unassigned Fund Balance	3,457,356.35
Current YTD Net Income		
		(3,929,209.83)
	Total Current YTD Net Income	(3,929,209.83)
	Total Fund Balance	26,255,887.72

CVMVCD
Balance Sheet
As of 10/31/2022

	<u>Current Year</u>
Total Liabilities and Net Assets	<u><u>29,945,062.90</u></u>



The **General Fund Operational Cash Flow** graph outlines the District's working capital for the fiscal year July 1, 2022, to June 30, 2023. The beginning fund balance is \$6.8 million and the ending fund balance is \$5.8 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 \$0.3 million for CalPERS unfunded liability and the transfers to the capital reserves. The budget also accounts for prepayments. The revenue follows a different pattern, Riverside County distributes 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 *Three Year Average* Fund Balance is the orange dash line.

The graph shows a \$6.8 million **Fund Balance** plus total Revenue for July 1 to October 31, 2022, of \$206,369 minus total Expenses of \$5,485,272 is \$1,521,097. Payroll expenses show a favorable variance of \$253,647, this is due to timing. Administrative expenses have a favorable variance of \$57,917 while Operating expenses show a budget overage for the period of \$80,682 reason is the timing of pesticide deliveries and aerial applications performed in September and October. For planning purposes, the District is under budget by \$225,143. As long as the green line stays out of the shaded area the District is within budget, as of October 31, 2022, the line is outside the shaded area.



CORRESPONDENCE

Melissa Tallion

From: Diana Reyes
Sent: Thursday, October 13, 2022 12:44 PM
To: District Wide Group
Cc: Salvador Becerra
Subject: Employee Recognition

Hello,

Received a call from a Ken H. of Rancho Mirage wanted to give praise to Marco Medal. Marco serviced his home today and he wanted to say that Marco did a wonderful job, he was professional, on time, respectful and resident was very happy with the service he provided. He even mentioned he posted appreciation online.

Great job Marco!!!

Thank you,



Diana Reyes
Administration Clerk
Public Outreach Department
(760) 342-8287 Ext. 325
www.cvmosquito.org
Coachella Valley MVCD



Melissa Tallion

From: Tammy Gordon
Sent: Thursday, October 13, 2022 3:11 PM
To: District Wide Group
Subject: FW: Whoa the KUDOS!

Hi everyone,

Barbara [REDACTED] called to thank all of us for showing up to work today and doing the great job you all do! But She wanted EXTRA emphasis on **Diana Reyes**. As with other departments, the Call Center has been extremely busy and today, Diana was taking on calls all by herself. Barbara said that she was on hold and "as an older person" thought she would be on hold forever but, Diana was so efficient and quick she got to her in about 2 minutes and got her all set up for her residential SR. She praised the way Diana seemed calm and well-organized and even for "an old lady like her" Barbara knew when a business has a good employee and wanted us all to know.

Thank you Diana for all that you do and by being a call center rock star!



Melissa Tallion

From: Diana Reyes
Sent: Wednesday, October 19, 2022 2:01 PM
To: District Wide Group
Cc: Chris Cavanaugh
Subject: Employee Recognition

Hello District Team

I received another employee recognition, this time it is for **Rene Delgado**.

■ Karen from the city of Palm Desert called in to say how happy she was for the services he provided on her mosquito inspection.

He was Fantastic! He was very knowledgeable, and he really took his time to inspect her property very thoroughly and she can tell that he really cares about helping the residents in the community. We have one great employee "he is one in a million" and we should be glad to have an employee like him working for us, and she also appreciates our district with the help and assistance we provide.

Excellent Job, Rene!! Keep up the great work.



Diana Reyes

Administration Clerk
Public Outreach Department
(760) 342-8287 Ext. 325

www.cvmosquito.org

Coachella Valley MVCD



Melissa Tallion

From: Diane Greeman
Sent: Thursday, October 20, 2022 2:33 PM
To: District Wide Group
Subject: Compliment

Mrs. Curry from Palm Springs called to compliment Ricardo Serna on the recent inspection done on her home. She said he was so nice, polite and very empathetic forward her mosquito issue. He explained how and where he inspected, found a source and was very impressed with how very educated he was regarding the problem.

Thank you Ricardo, for your great service to our valley. Nothing beats getting a call like this!



Diane Greeman
Administrative Clerk
Office (760) 342-8287
www.cvmosquito.org
Coachella Valley MVCD

Melissa Tallion

From: Erica Frost
Sent: Friday, October 21, 2022 10:39 AM
To: District Wide Group
Subject: Great Job!!

Richard [REDACTED] from DHS called in to say that Marco Medel came out and was thorough, patient, and efficient. He is VERY pleased with his service. He was excellent and appreciated his help and wanted to make sure the whole district recognized him.

Great Job Marco!!.



Erica Frost
Administrative Clerk
Office (760) 342-8287
www.cvmosquito.org
Coachella Valley MVCD



Melissa Tallion

From: Michael Martinez
Sent: Monday, October 31, 2022 1:40 PM
To: District Wide Group

Good morning,

I received an employee recognition for Ramon Gonzales. Great Job Ramon!! Thank you for representing the district so well.

Warren from the city of Rancho Mirage called in to say he was happy for the RIFA services provided. Ramon went the extra mile, for his RIFA SR by seeing a heavy presence of dew/water in his grass. Ramon explained the grass needed to be dry and would return later in the day. He really cares about the work he does in making sure treatment is done correctly. He appreciates our district.



Michael Martinez
Field Supervisor
Office (760) 342-8287

CV Mosquito and Vector Control District



DEPARTMENT REPORTS

Human Resources

Promotions

Salvador Becerra was promoted to Field Supervisor on October 3, 2022. Sal has been with the District since 2007 and has held various positions in the Operations department over the past fifteen years.

Ryan Gonzalez was promoted to Vector Control Technician II on October 17, 2022. Ryan has been with the District since 2019 and was previously a Vector Control Technician I in the Operations department.

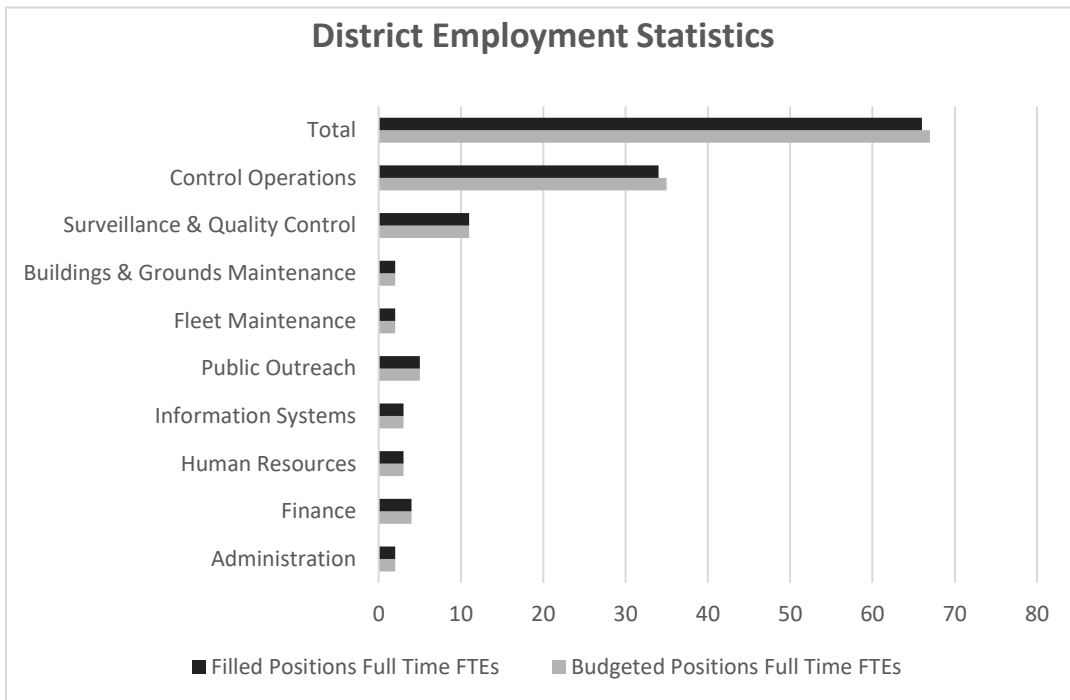
We look forward to seeing both of them continue their professional growth within the District and to providing them with any support needed in their new roles.

New Employee

On September 12, 2022, *Jose Rodriguez*, a former Seasonal Vector Control Operator, began working with the District in the role of Vector Control Technician I.

Recruitment

The District is currently in the process of onboarding one (1) Vector Control Technician I.

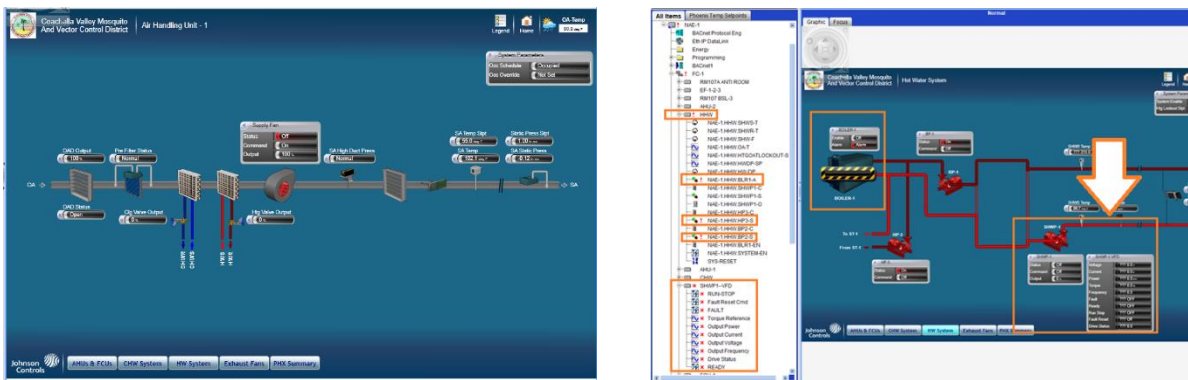


INFORMATION TECHNOLOGY

Design Meeting: Met with AVIR, Holt Architect, and Desert Business Interiors on September 9th to view lighting, audio-visual configurations, and display options at the AVIR Showroom. AVIR requested staff input on meeting room configuration to position electrical outlets, speakers, mics, and displays to facilitate a meeting in the Boardroom. AVIR is drafting a proposal based on input from the District, Holt Architect, and Desert Business Interiors.

Server Hardware: Coordinating with Server Monkey and Synology to prepare two (2) customized server replacement quotes for a new network share and two (2) domain controller servers. Replacement of existing server equipment will improve performance, reliability, and compatibility with newer software.

Laboratory: Established a remote troubleshooting session with Johnson Controls regarding the non-functional Air Handler 1 in the Laboratory on September 9th. Located an offline power supply and breaker to return Air Handler 1 to online status. However, the boiler is in alarm and the secondary hot water pump continue is not reporting to the Johnson Controls Controller. A purchase order has been drafted to address these remaining issues.



Site Visit: Met with Yasin Chaudhry with AVIR at the District on September 12 to walk the boardroom, and inspect the walls, speakers, lighting, and existing audio-visual equipment. During the site visit, Yasin asked about our plans regarding the bookshelves, the possibility of covering the concrete cinder block walls, lighting, video display issues, and the type of meeting configurations.

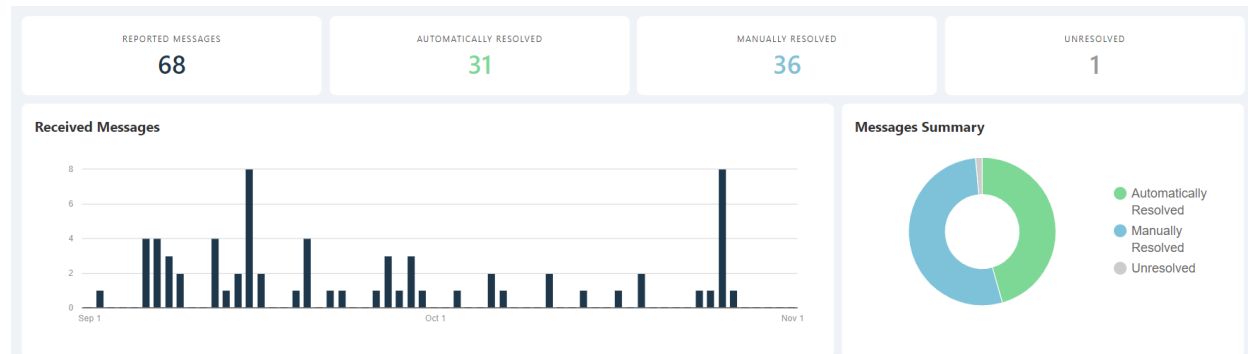
Data Migration: OPS Application is the District's Vector Control Management System, which runs on a dedicated physical server hosted by Codero offsite. The physical server has been in production for six (6) years and is ready for retirement. Migrating to a new server assists the District in avoiding hardware failures. Migration is scheduled to begin on October 1st.

Fuel System: IT/GIS and Fleet Service completed the installation of a new Fleet Fuel Management System to secure, control, track, manage and report on the District's Fueling Activities. Pump 1 is fully operational, and Pump 2 requires additional troubleshooting due to a possible failing pulser board producing inaccurate fuel dispensing readings. Drivers activate the fuel nozzle to dispense fuel utilizing an app on their Samsung Tablet. A

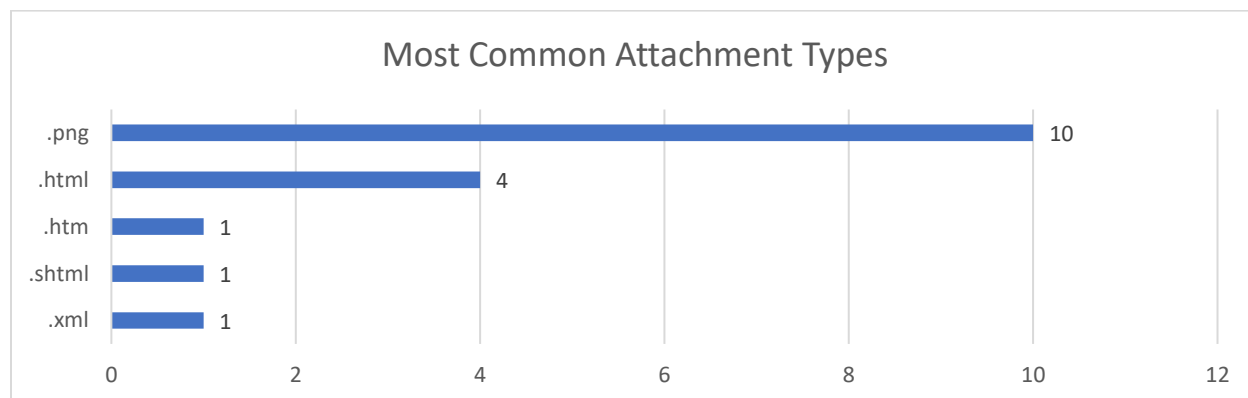


purchase order has been drafted to address Pump 2 irregular pumping readings. IT/GIS has also reached out to Purchasing Cooperative of America (PCA) to see if there are any maintenance agreements for fueling systems.

Phishing ER: In September and October users reported 68 potential phishing messages. Phish ER removed 45% of these messages based on signatures and email reputation. The IT/GIS Department only needed to review 36 messages. Users submit unusual, unfamiliar, or questionable emails using the PhishER Button, an Outlook Add-in, from their desktop computer or mobile device.



PhishER reports users submit attachments with .png file extension to be the most common malicious attachment. By design malware cannot be in a .png file because it does not contain any executable code, maybe there might be exploits possible, but currently, none are known.



Management Training: Attended two Liebert Cassidy Whitmore (LCW) training: “Maximizing Performance Through Documentation, Evaluation, and Corrective Action” and “The Art of Writing the Performance Evaluation” on October 5th at Cathedral City Hall. Training provided a refresher on the importance of strong documentation to generate solid employee evaluations, as well as corrective discipline.

Drone Training: Leading Edge provided two days of hands-on training for the District's new PrecisionVision 35x Drone. The PrecisionVision 35x Drone can distribute granular and liquid control products autonomously based on a flight plan from the PrecisionVision Flight Controller. The two days of training covered the components of the drone, battery management, flight planning, and data extraction. Each ‘Pilot-in-Command’ (PIC) performed a take-off, mock application, and drone landing with no user interaction. PIC’s are to monitor the flight of the drone, battery voltage, and intervene to return the drone safely.

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. The information generated by this department is used by District Operations and Public Outreach staff to ensure control measures are efficiently implemented in the field.

DISEASE SURVEILLANCE (As of 10/31/2022)

California

	WNV - Positive 2022 YTD	WNV - Positive 2021 YTD	WNV - 5 year Average	WEE 2022 YTD	SLEV 2022 YTD
Positive Counties	32	36	39	0	10
Human Cases	106	92	207	0	9
Positive Dead Birds / # Tested	185/1,222	209/1,610	347	0	0
Positive Mosquito Pools / # Tested	3,128/39,272	2,256/37,113	2,692	0	152

ARBOVIRUS SURVEILLANCE TESTING – COACHELLA VALLEY

		September	October	2022 YTD	2021 YTD	5 year Average YTD
Humans		0	0	0	0	5
Dead Birds		0	0	0	0	0
Mosquito Pooled Samples	WNV	10	3	104	55	162.4
	SLEV	13	2	56	159	73
	# Tested	814	1,186	6,344	4,565	4,726

ENDEMIC MOSQUITO SURVEILLANCE

CO₂ TRAPS

During the normal mosquito season (March through mid-November) the District Laboratory staff maintains 56 CO₂ (carbon dioxide) traps throughout the District to monitor the mosquito populations. Extra emphasis is placed on mosquito species that are known to be vectors of viruses that cause human disease. These vector species in the Coachella Valley are *Culex tarsalis* and *Cx. quinquefasciatus*. In the rural areas *Cx. tarsalis* is the most abundant vector species. CO₂ traps release carbon dioxide to attract mosquitoes looking to obtain a blood meal and are very effective at collecting *Culex* mosquitoes. The average number of vectors captured per trap per night is monitored and used to guide the operational activities of the District. The number of mosquitoes collected in half-month periods as 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 District when planning mosquito control activities.

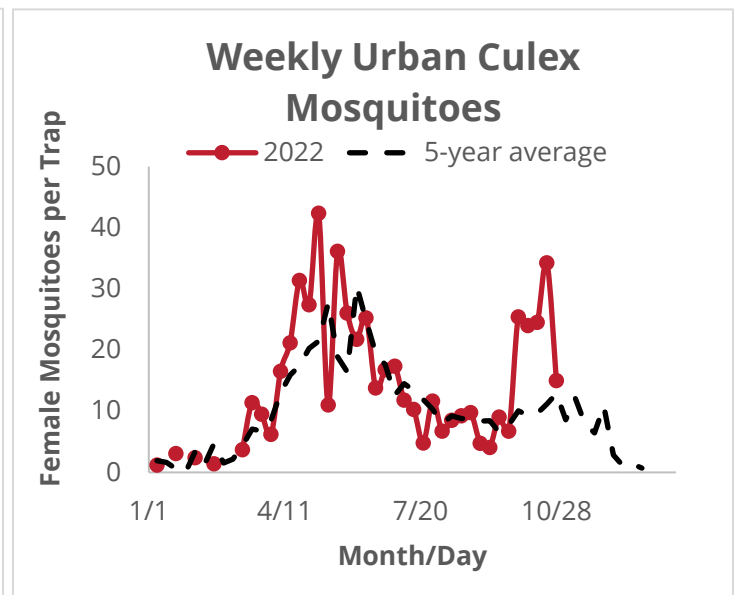
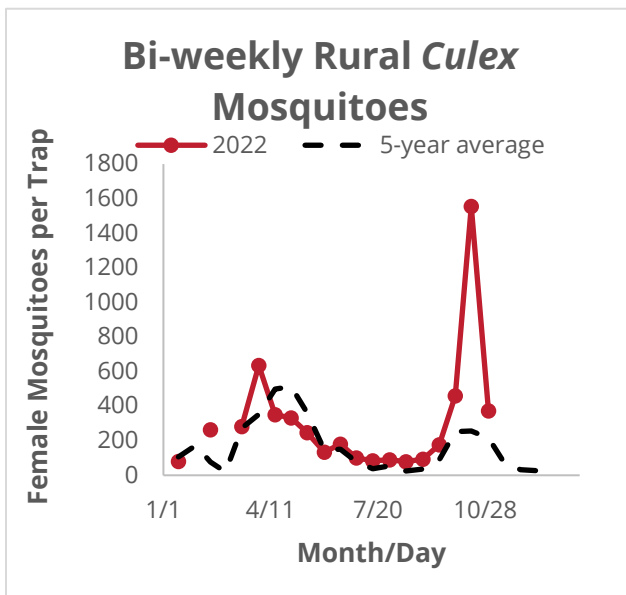
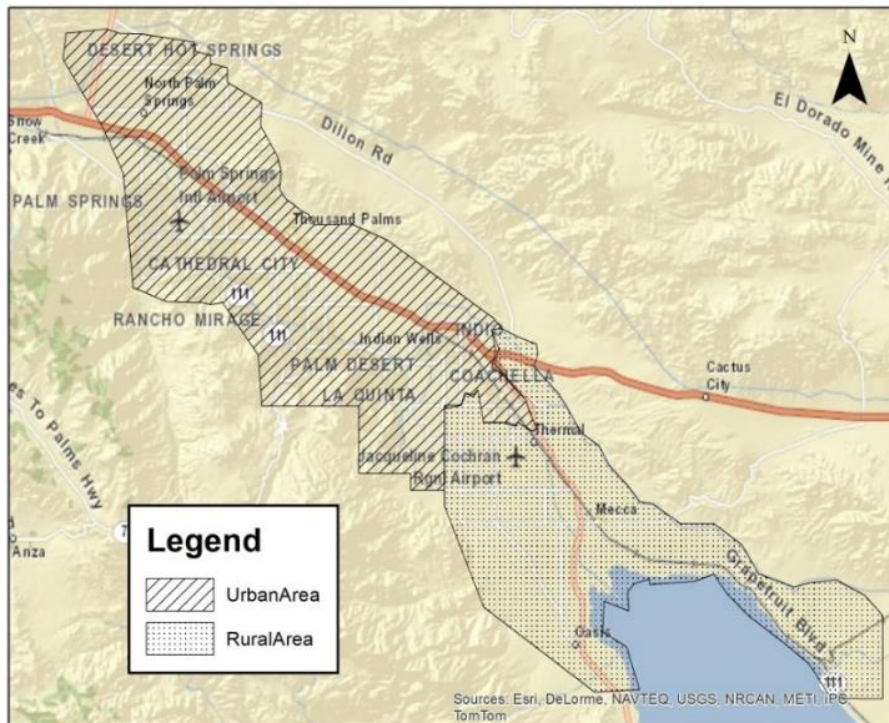


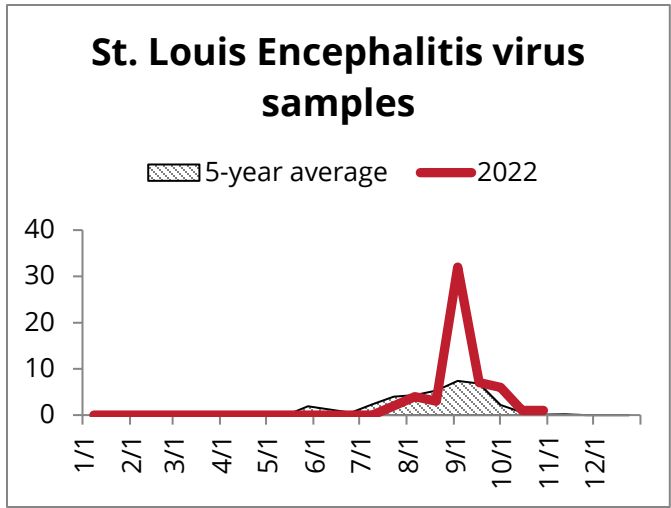
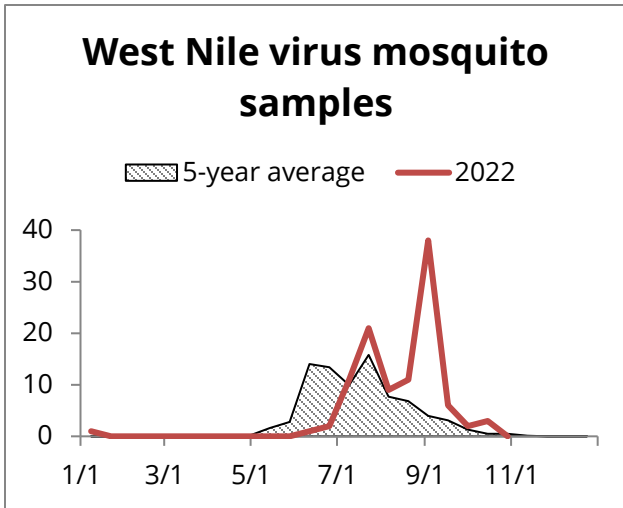
Gravid Traps

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.



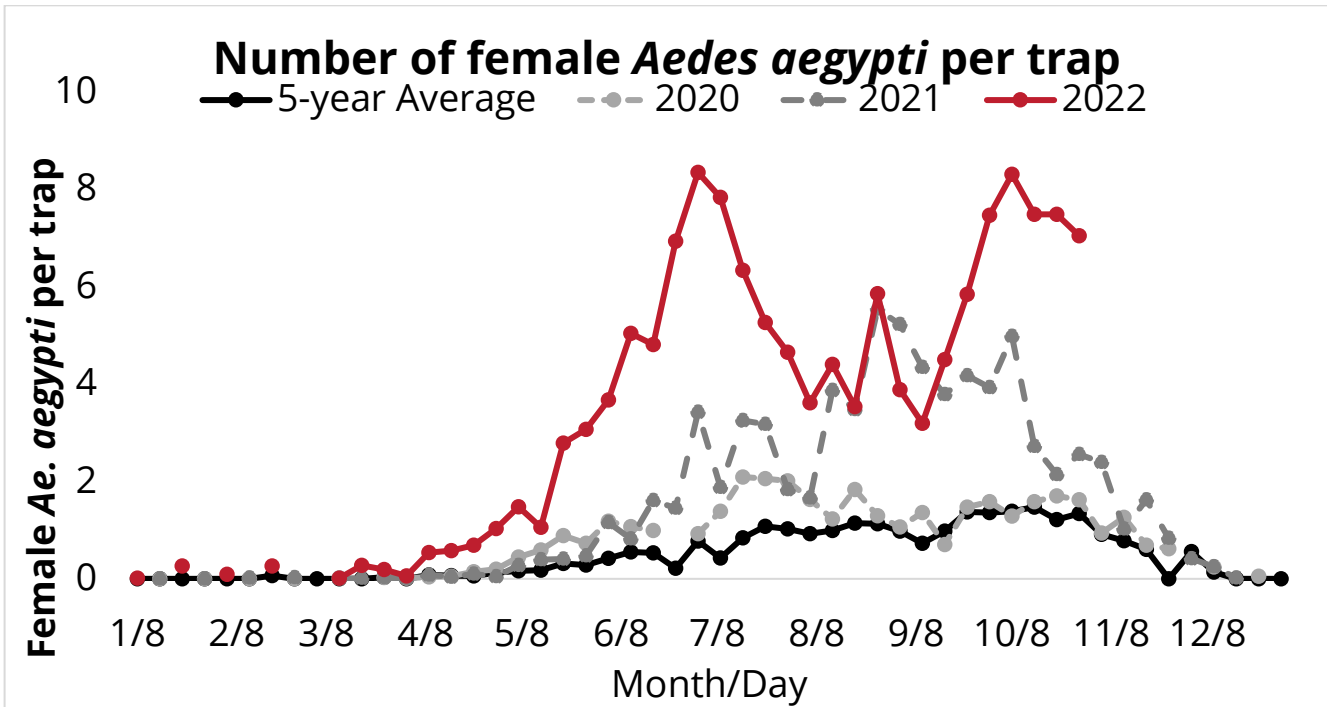
MOSQUITO SURVEILLANCE ZONES





EXOTIC MOSQUITO SURVEILLANCE

Aedes aegypti has been detected throughout the Coachella Valley. BG-Sentinel traps are deployed within cities of known *Aedes* activity on a routine basis for host-seeking mosquitoes. Employees set traps at 83 routine locations weekly. Expansion trapping is in progress for 2022, examining new areas or adjusting trap locations to be representative of the community. Extensive trapping in Desert Hot Springs was completed earlier in the summer, producing several locations for new trap locations.



PRODUCT EFFICACY

Resistance in adult mosquitoes. Bottle bioassays are conducted to examine whether mosquito populations are showing resistance to a pesticide at a very low dose. Finding that mosquitoes may be resistant leads to additional work that is confirmed with semi-field and field assays. We conducted assays with *Aedes aegypti* adults using Aqua-Reslin (permethrin with synergist) and DeltaGard (deltamethrin). The local urban mosquitoes show some evidence of resistance to each of the products, with more resistance to the Aqua-Reslin than to the DeltaGard. Semi-field applications are planned for November to further examine the control of mosquitoes using EverGreen 5-25 and DeltaGard.

Evaluation of ULV applications. Examining the effectiveness of applications is an important part of the IVM process. Doing so allows us to adjust the work to ensure that pesticide applications are focused in time and application area. We evaluated one aerial ULV application in September, designed to replicate an application in August that showed some gaps in the treatment. Cages of *Culex* mosquitoes were placed in the application area. Results at 48 hours after treatment indicated that most cages were treated, with a gap where cages were not treated. Results have been shared to improve future applications.

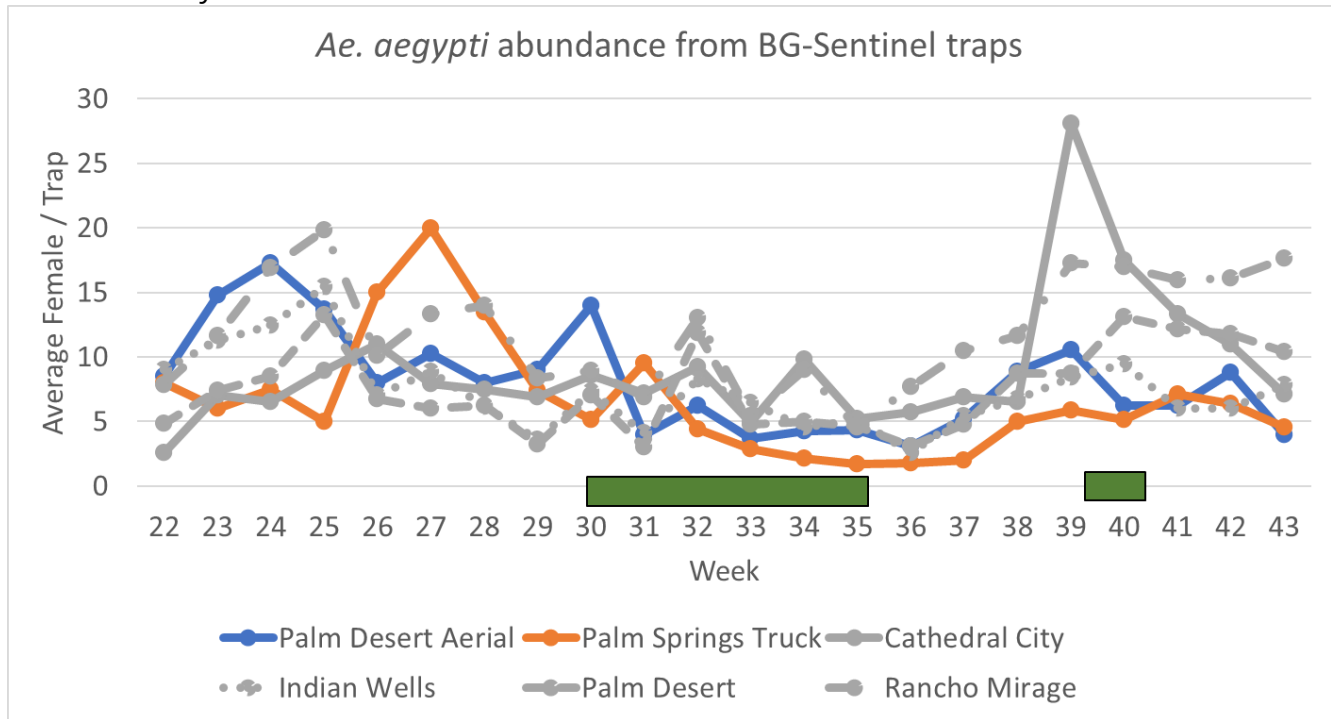


Valent adulticide. Mosquito adulticide resistance is prevalent in our local urban mosquito populations and is evidenced by the past years of bottle bioassays and semi-field assays. Valent Biosciences (VBC) (Libertyville, IL) is developing an adulticide that contains novel active ingredients found to be effective against local mosquitoes in Florida and Northern California. VBC staff visited and assisted with a semi-field assay using the local urban and colony mosquitoes against the new VBC product and DeltaGard. Work in May and June found that the local mosquito populations were not

being knocked down as much as expected. Similar results were found in a fall application. Conversations since the fall application have helped us to understand that the use in backpack applications may require different dilutions than what has been used. We are planning to complete similar applications in the spring of 2023.

***Aedes* larvicide applications.** Treating large areas with larvicide to control *Aedes aegypti* in the summer is one method to effectively reduce the adult mosquito population in the fall. The District identified Palm Desert and Palm Springs as locations that had high mosquito activity in 2021. Partnering with Operations, Public Outreach, and Fleet Services, we have been setting extra BG-Sentinel traps in the application area and comparing collections to other parts of the Coachella

Valley with a similar number of traps where these applications are not occurring. Typically, *Aedes* mosquito populations increase in the valley in September. We are seeing lower collections per trap in Palm Desert and Palm Springs compared with parts of the valley with similar numbers of traps over a similarly sized area.



Flies at The Living Desert. Dr. Goodnight shared with us that a caracal cat had bites on its ears. Having worked with the team at The Living Desert in response to other animals with similar bites, District employees set out sticky traps and mosquito traps to see what flies were in the area. While there were some interesting collections, it was not obvious what was biting the caracal.



BIOLOGICAL CONTROL

Mosquitofish. As of October 31, 2022, approximately 2,400 mosquitofish were stocked in neglected swimming pools, private ponds, and animal watering troughs. Mosquitofish are raised in outdoor ponds, and those fish are taken by technicians to locations where they are needed.

ADDITIONAL DEPARTMENT ACTIVITIES

MOSQUITOES. As detailed elsewhere in this board packet, the October collections of *Culex* mosquitoes were far above the typical year. Such high counts impact all departments at the District. For Surveillance and Quality Control, the high counts resulted in longer times to sort and identify the traps; increased numbers of mosquito samples to test; and a need to reduce other work. Some of these additional mosquitoes were sent to researchers at universities for a variety of research interests.

Public Outreach and Educational Programs

September-October 2022

The goals of the Public Outreach Department include supporting the District Mission by providing educational opportunities for the public at large. The department divides such opportunities into a variety of ways to influence our residents strategically.

Our science-based classroom visits focus on grades K-5. Presentations are based on California's Next Generation Science Standards (NGSS) and help support the teacher's curriculum. This program is led by Community Liaison Luz Moncada.

Adult educational presentations are a collaborative effort but our newest team member, Community Liaison Fernando Gutierrez is charged with developing a robust program in the coming years that will provide presentations and training to adults in settings such as HOA meetings or training maintenance workers to become champions of source reduction.

Call Center staff offer educational pieces to every caller in need of our services. Callers are looking for solutions the District can provide to them and the call center staff Diana Reyes and Erica Frost provide ways callers can become empowered to help themselves and thereby help their community.

Community events are an excellent way to spread awareness, provide information, and answer questions by interacting with families, residents, and visitors alike. Event booths also show that the District is a part of the community. We live here and play here too.

Much time and effort are also dedicated to relationship management between government agencies and community partnerships. Presentations to City and Community Councils, state legislators, and professional associations are provided.

This reporting period had the following outreach connections:

- 21 - Classroom presentations
- 5 - Adult education presentations
- 18 - Community Events

These exchanges resulted in contact with about **2,500 Coachella Valley residents** asking questions and providing feedback.

BACK TO SCHOOL BACKPACK PROGRAM

All three public school Districts began school in August. To help boost our K-5 educational program, we again offered the Backpack Giveaway Contest. All teachers that signed up to have a classroom presentation for their students were entered into a drawing for backpacks full of school supplies for each student. Congratulations to Mr. Melgoza's class as our 2022 winners!



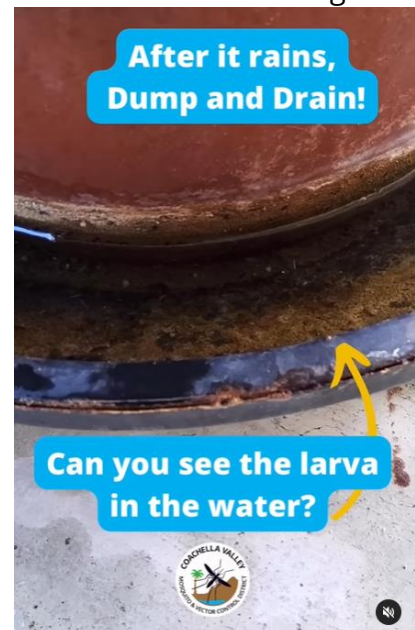
ADVERTISING AND SOCIAL MEDIA



Our late summer advertising campaign consisted of English radio spots and Spanish print reminding residents that they need to invest in – and wear – mosquito repellent as their best defense against transmission of potentially serious diseases.

New this year, we ran a separate radio campaign specific to the invasive *Aedes* mosquito. The spots ran September-October in conjunction with the time we begin to see increased numbers of the *Aedes* mosquito in our traps and an influx of calls from the public.

The social media platform Instagram is helping to further our messaging as well. Short video clips, referred to as Reels, are gaining likes and views. One Reel from September showing larvae thriving in a plant saucer has almost **10,000 views!**



VIRUS RESPONSE

Continued detection of mosquito-borne viruses from traps in the east valley prompted some



media coverage. Due to a resident responding to the story, a follow-up segment on how to inspect your property was also broadcast on KMIR.

WHERE'S MOE?



The cooler weather means the Outreach Team has more opportunities for community events. Our Mosquito Outreach Explorer, lovingly called M.O.E. has taken on an extroverted personality and helps promote the community events we attend. Cameo vehicles also include the Argo and golf carts to help bring mosquito control technology closer to the view of the public.

Don't be shy! The Outreach Team and Moe would love to chat with you at one of our event booths. Stop by and say hello and take a picture with the best-looking Outreach van in the continental United States!

We have nine events scheduled for November from Northshore to Cathedral City! Follow our team – and Moe(!) – on our social media channels to find out where we will be next.

--END--



**Coachella Valley Mosquito and
Vector Control District**

November 8, 2022

Staff Report

Agenda Item: Informational Item

MVCAC Fall Meeting, November 1-3, 2022, in Visalia, CA

Background:

The fall quarterly meeting of the MVCAC is a time when the committees that serve to complete specific tasks within the organization meet to update the Board of Directors and the members of MVCAC on their activities. Committees address state-wide issues that impact mosquito and vector control districts from surveillance and control to legislation. At this meeting, major topics included whether and how the MVCAC will fund the West Nile call center; the priorities of mosquito control research and needs for our routine work; and plans for 2023 legislation and regulation priorities. Attendees were able to attend the Board Meeting and committee meetings in person, and there were options to attend online.

ATTENDEES:

Jennifer Henke, Laboratory Manager
Tammy Gordon, Public Information Manager
Kim Hung, Vector Ecologist



**Coachella Valley Mosquito and
Vector Control District**

November 8, 2022

Staff Report

Agenda Item: Informational Item

Transfer of mosquitofish to Orange County Mosquito and Vector Control District

Background:

The Coachella Valley Mosquito and Vector Control District raise mosquitofish (*Gambusia affinis*) for use on private property to provide long-term control of mosquitoes. Given the limited locations where mosquitofish can be placed in accordance with California Department of Fish and Wildlife regulations, the District routinely has more fish than we use to meet the needs of the District.

Orange County Mosquito and Vector Control District have requested 10 pounds (approximately 10,000) of mosquitofish. These fish will be added to their breeding stock to enhance the fitness of their fish. Employees from OCMVCD will be picking up the fish in November 2022.

Surplus property may be donated by the Board of Trustees or sold at less than the estimated value to a public or governmental body, agency, or non-profit corporation. The District works closely with OCMVCD in a variety of capacities each year, from the cooperative agreement to exchanging information for control of red imported fire ants and mosquitoes. We expect our collaboration to continue as we both work towards releasing sterilized mosquitoes for the control of *Aedes aegypti*.



**Coachella Valley Mosquito and
Vector Control District**

November 8, 2022

Staff Report

Agenda Item: Informational Item:

Donation of TIFA Power Fogging/ULV machine to East Side Mosquito Abatement District

Background:

The District acquired the TIFA Power Fogging/ULV machine in 2017, funded by a Zika grant from the U.S. Centers for Disease Control and Prevention (CDC). Following trials in the field the unit was not suitable for the desert environment.

Dr. Wekesa, District Manager, East Side Mosquito Abatement District in Modesto, CA, can use the equipment to control larval mosquitoes breeding in dairy wastewater settling ponds. The District would like to donate the TIFA power Fogging/ULV machine to the East Side Mosquito Abatement District.

Surplus property may be donated by the Board of Trustees or sold at less than the estimated value to a public or governmental body, agency, or a non-profit corporation. Cost of equipment was \$17,500, depreciation as of June 30, 2022 is \$9,999.84, net book value is \$7,500.16.



Coachella Valley Mosquito and Vector Control District
Board of Trustees Meeting Calendar 2023
 (Second Tuesday every month @ 6:00 p.m.)
 (Finance Committee – Second Tuesday every month @ 4:30 p.m.)

JANUARY

S	M	T	W	T	F	S	
	1	2	3	4	5	6	7
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FEBRUARY

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MARCH

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APRIL

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MAY

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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31						

District-2023 Observed Holidays

Jan 2	New Year's Day
Jan 16	Martin Luther King Jr.
Feb 20	President's Day
Mar 31	Cesar Chavez Day
Apr 7	Good Friday (1/2 Day)
May 29	Memorial Day
Jul 4	Independence Day

Sep 4	Labor Day
Oct 9	Columbus Day
Nov 10	Veterans Day
Nov 23	Thanksgiving Day
Nov 24	Day After Thanksgiving
Dec 25	Christmas Day

*April/August/December are dark

**May/June Budget Workshops are held prior to the Board Meeting

	<p align="center">Coachella Valley Mosquito and Vector Control District</p> <p align="center">Staff Report</p>	<p align="center">November 8, 2022</p>
<p>Agenda Item: Informational Item</p> <p>District Travel</p>		
<p>Background:</p> <p>January 29 – February 1, 2023: 91st Annual MVCAC Conference (Anaheim, CA) The annual meeting of the Mosquito and Vector Control District Association of California (MVCAC) is an opportunity for members to keep up with changing trends in mosquito and vector control and network with other mosquito and vector control experts to improve strategies to protect public health and the environment. Requests to attend must be made by December 13, 2022, VIA EMAIL: MTALLION@CVMOSQUITO.ORG.</p>		
<p>Strategic Business Plan Alignment:</p> <p>Goal 2 – Governance and HR – A strong culture supports the Board and staff team that grows in skill, teamwork, and experience.</p> <p>Objective 2.4 – Establish conditions that ensure the Board of Trustees are engaged and productive and possess a deep understanding of the District.</p>		



NEW BUSINESS



**Coachella Valley Mosquito and
Vector Control District**

November 8, 2022

Staff Report

Agenda Item: New Business

Approval of Resolution 2022- 27 providing a gift certificate to employees for work performed late November through early December 2022 in a total collective amount for all certificates not to exceed \$2,800 from fund 5300.01.202.000 – Employee Incentive- **Budgeted; Funds Available** – **Jeremy Wittie, M.S., CSDM, General Manager**

Background:

Each year the District recognizes and incentivizes the work and contributions of its employees made throughout the season and who continue to work during the holiday season with a gift certificate (“Gift Certificate”). The Gift Certificate would be provided in the same amount as past years, forty dollars (\$40).

The Gift Certificates serve a legitimate public purpose by incentivizing employees to continue to work during the holiday season which would advance the protection of public safety by reducing the risk of disease transmission by mosquitoes and other vectors for residents and visitors of the Coachella Valley.

The attached Resolution authorizes the General Manager to purchase the Gift Certificates and authorizes providing the Gift Certificates to each employee who works for the District from November 26, 2022, through December 6, 2022.

Staff Recommendation:

Approve Resolution 2022-27 providing Gift Certificates to employees for work performed late November through early December.

Fiscal Impact:

FY2022-23 Budget GL # 5300.01.202.000	Current Available Funds	Proposed Expense Fiscal Year 2022-23	Remaining Available Funds
\$9,000	\$9,000	\$2800	\$6,200

Attachment:

- Resolution 2022-27

Resolution No. 2022-27

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT PROVIDING GIFT CERTIFICATES TO DISTRICT EMPLOYEES WHO CONTINUE TO WORK FOR THE DISTRICT LATE NOVEMBER THROUGH EARLY DECEMBER 2022

WHEREAS, the Coachella Valley Mosquito and Vector Control District (“District”) is a special district and a political subdivision of the State of California, created and operating under the authority and provisions of California Health and Safety Code Section 2000 et seq., and is also a “local agency” within the meaning of Section 53600 of the California Government Code; and

WHEREAS, the Board of Trustees (“Board”) of the District desires to recognize the District’s appreciation of the contributions of District employees who work throughout the 2022 season; and

WHEREAS, the Board believes that such recognition serves a legitimate public purpose because it advances the protection of public safety by incentivizing employees to continue to work during the arbovirus and holiday seasons toward reducing the risk of disease transmission by mosquitoes and other vectors for residents and visitors of the Coachella Valley.

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

Section 1. Recitals.

The recitals set forth above are true and correct.

Section 2. Gift Certificates.

Each employee who remains employed by the District from November 26, 2022, through December 6, 2022, shall be provided a gift certificate valued at forty dollars (\$40.00).

Section 3. Public Purpose.

The provision of the subject gift certificates will serve a legitimate public purpose because it advances the protection of public safety.

Section 4. General Manager’s Authority.

The General Manager is authorized to procure sufficient gift certificates to effectuate the foregoing.

Section 5. Effective Date.

This Resolution shall take effect upon its adoption.

Section 5. Certification.

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

PASSED, ADOPTED, AND APPROVED, this 8th day of November 2022, by the following vote:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

**Benjamin Guitron, President
Board of Trustees**

ATTEST:

Melissa Tallion, Clerk of the Board

APPROVED AS TO FORM:

Lena D. Wade, General Counsel

REVIEWED:

Jeremy Wittie, M.S., CSDM, General Manager



**Coachella Valley Mosquito
and Vector Control District**

November 8, 2022

Staff Report

Agenda Item: New Business

Approval of 2023 research proposals in an amount not to exceed \$202,470.52; \$101,235.26 will be expensed in Fiscal Year (FY) 2022/23 the balance will be expensed FY 2023/24 from Fund 8510.01.600.000 – Research Projects, *Budgeted; Funds Available* – **Ad Hoc Research Committee and Jennifer A. Henke, M.S., Laboratory Manager**

Background:

The District has had a long beneficial relationship with vector control researchers from universities and federal organizations. The purpose of research funded by the District is to develop and evaluate applied vector and vector-borne disease surveillance and integrated vector management strategies. These projects ultimately improve the District’s operations and surveillance programs and make the best use of the District’s financial resources. Funded research leaves a legacy of knowledge in the form of publications and presentations that can be used by mosquito control districts in California, nationally, and around the world.

Proposals

The District received 7 research proposals. The proposals are summarized in the table below. Further summaries and estimates of potential benefits of each proposal follow:

#	Researcher	Title	Funds requested	Recommend for funding	Amount to fund
1	Oi	Determining fire ant bait specificity to extend fire ant control by conserving non-target ants (Year 2)	\$12,843.00	Yes	\$12,843.00
2	Coffey	Evaluating metagenomic arbovirus detection using nanopore sequencing: a field-forward sequencing approach (Year 1)	\$29,364.25	Yes	\$29,364.25
3	Gerry	Attractive Toxic Sugar Baits to control house	\$31,708.60	Yes	\$31,708.60

		flies near crop fields (Year 2)			
4	DeFelice	Forecasting West Nile Virus under extreme conditions	\$44,430.90	Yes	\$44,430.90
5	Gerry	Attractive toxic bait stations and integrated mosquito management in underground storm drain systems in the Coachella Valley (Year 1)	\$84,123.77	Yes	\$84,123.77
6	Attardo	Monitoring the dynamics of insecticide resistance genetics in invasive <i>Aedes aegypti</i> throughout the Coachella Valley	\$21,488.53	No	\$0.00
7	Nikbakhtadeh	The effect of sublethal doses of glyphosate on the southern house mosquito, <i>Culex quinquefasciatus</i>	\$19,257.00	No	\$0.00

Proposal #1 – Oi: “Determining fire ant bait specificity to extend fire ant control by conserving non-target ants.”

Summary – This is the 2nd year of a 2-year proposal. Fire ant baits targeting red imported fire ants may impact native ants thereby allowing reinfestation of red imported fire ants where they were eradicated. There is some evidence that other ants may be impacted by fire ant baits, but the results vary depending on the species or active ingredient. This study aims to clarify which baits would and would not affect fire ants in California. In year one, work was completed in the laboratory to examine which ants would feed on oil-based baits. The work in year 2 will examine whether the ants in California have similar preferences to those in the lab, allowing us to refine which baits we should use to have the least impact on non-target ants.

Potential benefits of proposed research – The study examines our ability to target fire ants, particularly the non-native red imported fire ant. Conserving native ant species will reduce opportunities for fire ants to maintain their presence in the valley. While the District uses control practices to target red imported fire ants, examining non-target impacts could lead to better control efforts.

Proposal #2 – Coffey: “Evaluating metagenomic arbovirus detection using nanopore sequencing: a field-forward sequencing approach”

Summary – This is the 1st year of a 2-year proposal. Previously funded work has explored the feasibility of passive box traps to collect mosquito excreta as an arbovirus surveillance tool. This project adds to that work, expanding the array of viruses that can be tested. Part of the proposal is to develop an affordable sequencer for field-sampling arboviruses.

Potential benefits – This technology can be used for arbovirus detection of strains currently in circulation and has potential to detect emergent strains. It is portable and affordable; if field detection is feasible, this could be particularly useful in emergency planning for long-term power outages

Proposal #3 – Gerry: “Attractive Toxic Sugar Baits to control house flies near crop fields.”

Summary – This proposal is for the 2nd year of a 2-year study. Work to date shows promise that attractive toxic sugar baits (ATSB) used in crop fields provides some control of house flies. The researchers worked to improve the design of the stations to reduce the risk of being destroyed and in the way of field workers during harvest time. The researchers identified several areas for improvement that they plan to implement in the 2nd year. This new system should reduce the amount of house flies in crop fields.

Potential benefits of proposed research – Successful bait stations could be deployed in areas where nuisance flies are produced or associated with field crops. The development of bait stations treated with ATSB will reduce concerns with insecticide contamination of crop fields while controlling flies near crop fields (fly production sites) for maximum impact. The proposed work better examines if the new bait design is effective at reducing fly populations in crop fields

Proposal #4 – DeFelice: “Forecasting West Nile Virus under extreme conditions.”

Summary – This is a 1-year proposal. Previously funded work has examined the District’s collections of mosquitos and West Nile virus, improving on predictions of virus activity. This work proposes to build a second model which better incorporates extreme temperatures. Traditional hypotheses that drought exacerbates virus activity do not fit well with the District’s data in that water is always limited in the eastern Coachella Valley where virus activity is high. The team will then incorporate the second model with the one already built for the District to examine the differences between the accuracy and variance of both models. Finally, the team proposes to build a web-based platform (using shiny – a tool that has been used in COVID prediction models) which would allow for others to forecast which parts of the valley should be a focus ahead of virus detection (for example, predict where

and when aerial larvicides would be most useful in reducing the adult mosquito population ahead of the virus detection).

Potential benefits of proposed research – A well-developed model may better explain to District staff when to time applications before virus detection, allowing for better use of our resources.

Proposal #5 – Gerry: “Attractive Toxic Sugar Bait stations and integrated mosquito management in underground storm drain systems in the Coachella Valley.”

Summary – This proposal is for the 2nd year of a 2-year study. Work to date shows promise that attractive toxic sugar baits (ATSB) in underground storm drain systems provides some control of adult mosquitoes. The researchers worked to improve the design of the stations to reduce the risk of flooding. Depending on the outcomes of the planned research for fall 2022, the researchers will target the applications into areas with high numbers of catch basins. Recently, researchers have found that using a sugar substitute may be leading to improved uptake of the boric acid and bait, which would improve the efficacy of the stations. For the fall 2023, they plan to treat the basins with one of the active ingredients of the ATSB stations to examine if the efficacy is improved.

Potential benefits of proposed research – The study examines both the immediate impacts and long-term impacts of using these bait stations. Successful bait stations could be deployed in areas where arbovirus has been detected or in response to high numbers of adult mosquitoes within our urban environment, improving the District’s response. The agents used in these bait stations are commercially available but are not part of the District’s current control efforts, widening our arsenal against mosquitoes.

Proposal #6 – Attardo: “Monitoring the dynamics of insecticide resistance genetics in invasive *Aedes aegypti* throughout the Coachella Valley.”

Summary – This is the 1st year of a 2-year proposal. The work builds on the research team’s previous success of using genetic differences to understand population differences in *Aedes aegypti*. Based on natural occurring mutations in mosquitoes, the researchers are able to indicate where introductions were likely to originate. Some of these mutations are also known to be in pesticide resistant mosquitoes. The work has been completed examining differences between mosquitoes from Los Angeles County and the Central Valley. Using DNA sequencing, the researchers have determined that the introductions occurred from different places (with Los Angeles mosquitoes likely originating from Arizona and Mexico while Central Valley mosquitoes are likely originating from the southern United States (Texas and Louisiana). Mosquitoes collected in 2016-2018 were sent to CDPH for similar analysis (looking for two specific mutations). Collections from the Coachella Valley had more

variability in the detoxifying enzymes that would allow the mosquitoes to be resistant to the pesticides.

Rationale for not funding - The presence of resistant genes may not mean that the mosquitoes are resistant to pesticides (genetics does not equal expression of the genes). Work would need further support of the pesticide resistance work that the District currently does. While knowing where introductions were from is interesting, it may not translate into information that we can use to control the mosquitoes.

Proposal #7 - Nikbakhtzadeh: "The effect of sublethal doses of glyphosate on the southern house mosquito, *Culex quinquefasciatus*."

Summary - This is the 1st year of a 2-year proposal. Mosquitoes exposed to glyphosate-contaminated water can exhibit changes in life history traits and develop tolerance to pesticides, potentially leading to resistance. A published study conducted by the author demonstrated that higher concentrations of glyphosate in water reduces the egg hatch rate and prevent larvae from completing their development. This study aims to continue developing their understanding of interactions between mosquitoes and glyphosate.

Rationale for not funding - While the committee found the work interesting, it was felt that the other proposals were stronger in this round of proposals.

Strategic Business Plan Alignment:

Goal 5.2 - Validate and improve vector control programs through applied scientific research

Committee Recommendation:

- Approval of 2022 research proposals in an amount not to exceed \$202,470.52; \$101,235.26 will be expensed in Fiscal Year (FY) 2022/23 the balance will be expensed FY 2023/24
- To take any action the Board deems appropriate.

Fiscal Impact:

FY2022-23 Budget	Current Available Funds	Proposed Expense Fiscal Year 2022-23	Remaining Available Funds
Amount budgeted GL # 8510.01.600.000	\$62,826.60	\$62,826.60	0
GL#9000.01.000.000	\$110,000	\$38,408.66	71,591.34



**Coachella Valley Mosquito and
Vector Control District**

November 8, 2022

Staff Report

Agenda Item: New Business

Appointment of the ad hoc Nominations Committee - **Benjamin Guitron, Board President**

Background:

During the October 28, 2022, Executive Committee meeting, Committee members discussed the need to appoint an ad hoc Nominations Committee.

The Board is required to elect its officers at the first meeting in January each year.

In accordance with the District's Bylaws for the purpose of recommending a slate of Board officers for the 2023 calendar year, President Benjamin Guitron will appoint an ad hoc Nominations Committee during the November 8, 2022, Board Meeting.

The ad hoc committee will need to meet sometime in late November or December.

In mid-November, a survey will be conducted by the Clerk of the Board to see which Trustees have an interest in serving in an officer position. This information will be given to the Committee to assist in the development of a slate of candidates for the offices of the President, Vice President, Secretary, and Treasurer. Each Board member will have the opportunity to nominate other candidates from the floor.

Staff Recommendation:

That the Board President appoints an ad hoc Nominations Committee


2021 ad hoc Nominations Committee members were:

John Peña

Doug Walker

*Benjamin Guitron**

**2022 interested Trustees*

	<p>Coachella Valley Mosquito and Vector Control District</p> <p>Staff Report</p>	<p>November 8, 2022</p>
<p>Agenda Item: New Business</p> <p>Appointment of the ad hoc Negotiations Committee - Benjamin Guitron, Board President</p>		
<p>Background:</p> <p>During the October 28, 2022, Executive Committee meeting, Committee members discussed the need to appoint an ad hoc Committee charged with reviewing and/or negotiating the terms of the General Manager’s employment agreement.</p>		
<p>Staff Recommendation:</p> <p>That the Board takes whatever action deemed necessary.</p> <p>2021 ad hoc Negotiations committee members were: <i>Benjamin Guitron</i> <i>Doug Walker-alternate</i> <i>Clive Weightman*</i> <i>*2022 interested Trustee</i></p>		