



Coachella Valley Mosquito and Vector Control District

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

Board of Trustees Meeting

Tuesday, October 13, 2026

6:00 p.m.

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.

This meeting will be conducted by video and/or teleconference as well as in person at **Coachella Valley Water District, Steve Robbins Administration Training Room 75515 Hovley Lane East, Palm Desert, CA 92211**. To view/listen/participate in the meeting live, please join by calling 1-888-475-4499 (toll-free), Webinar ID: [847 1941 0493](https://us02web.zoom.us/j/84719410493), or click this link to join: <https://us02web.zoom.us/j/84719410493>.

Assistance for those with disabilities: If you have a disability and need an accommodation to participate in the meeting, please contact the Clerk of the Board at (760) 342-8287 at least 48 hours prior to the meeting to inform us of your needs and to determine if accommodation is feasible. The District will attempt to accommodate you in every reasonable manner.

Our Mission, Vision, and Values

Mission Statement We protect public health with our communities through proven scientific, educational, and sustainable vector control programs.

Vision We envision our communities free of mosquito and vector-borne disease.

Values Integrity and Trust | Collaboration | Dedication and Service | Respect

1. Call to Order – Benjamin Guitron, IV, President

A. Roll Call

2. Public Comments

Members of the public may provide comments in person or remotely at the time of the meeting as set forth in the agenda. Public comments may also be sent by E-mail to the Clerk of the Board by 2:00 p.m. on October 13, 2026, at mscarborougheckel@cvmosquito.org. E-mails received prior to 2:00 p.m. on the day of the Board meeting will be made part of the record and distributed to the Board. This method is encouraged as it gives the Board of Trustees the opportunity to reflect upon your input. E-mails will not be read at the meeting.

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. **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

3. Adjourn to Closed Session to Consider:

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

Title: General Manager

B. Public Employee Performance Evaluation pursuant to Government Code Section 54957 (b)(1)

Title: General Counsel

1. Call to Order – Benjamin Guitron, IV, President

A. Roll Call

2. Pledge of Allegiance

3. Confirmation of Agenda

4. Public Comments

Members of the public may provide comments in person or remotely at the time of the meeting as set forth in the agenda. Public comments may also be sent by E-mail to the Clerk of the Board by 2:00 p.m. on October 13, 2026, at mscarboroughheckel@cvmosquito.org. E-mails received prior to 2:00 p.m. on the day of the Board meeting will be made part of the record and distributed to the Board. This method is encouraged as it gives the Board of Trustees the opportunity to reflect upon your input. E-mails will not be read at the meeting.

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. **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.

5. Announcements, Presentation, and Written Communications

A. Brown Dog Ticks: Recent Work and 2027 Plans — Jennifer A Henke, MS, BCE, Laboratory Manager

6. 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. Minutes for July 14, 2026, Board Meeting **(Pg. 9)**
- B. Approval of expenditures from September 4, 2026, to October 8, 2026 **(Pg. 18)**
- C. Approval of Resolution 2026-13 Adopting Employee Pay Schedule, in conformance with California Code of Regulations, Title 2, Sections 570.5 and 571 —**Crystal Garcia Moreno, MSIOP, Human Resources Risk Manager (Pg. 19)**

Staff recommends that the Board of Trustees adopt Resolution No. 2026-13 Adopting the Employee Pay Schedule in Conformance with California Code of Regulations, Title 2, Sections 570.5 and 571, thereby ensuring the District maintains compliance with CalPERS reporting requirements and applicable state regulations governing publicly available pay schedules.

D. Informational Items:

- Financials — **David l'Anson, Administrative Finance Manager (Pg. 25)**
- Quarterly Department Reports: Human Resources; Operations; Information Technology; Fleet Services; Facilities; Laboratory & Surveillance Control; and Public Outreach **(Pg. 41)**
- 2026 Pathways for Women Conference, August 18-19, 2025, Anaheim, CA — **Sarah Prendez, Procurement Specialist and Abby Torres, Accounting Technician I (Pg. 58)**
- 2026 California Special Districts Association (CSDA) Annual Conference, August 24-27, 2026, Palm Desert, CA — **Management Staff and Human Resources Department (Pg. 59)**
- Association of Science and Technology Centers Conference, September 16-19, 2026, Phoenix, AZ — **Hugo Arcos, Education Specialist (Pg. 61)**
- Society for Vector Ecology Annual Conference, September 20-24, 2026, Yosemite, CA — **Jennifer Henke, Laboratory Manager, Kim Hung, Vector Ecologist, and Gabriela Perezchica-Harvey, Vector Ecologist (Pg. 62)**
- 2026 Municipal Information Systems Association of California (MISAC) Annual Conference, September 27-30, 2026, Monterey, CA — **Edward Prendez, Information Technology Manager (Pg. 63)**
- California Professional Municipal Clerk (CPMC) Program, University of California, Riverside, September 28-October 2, Riverside, CA — **Megan Scarborough-Eckel, Clerk of the Board (Pg. 64)**
- CalPERS Actuarial Valuation Report — **David l'Anson, Administrative Finance Manager (Pg. 68)**

7. Action Items

A. Electric Vehicle Purchase — **Stephan Navarrete, Field Supervisor (Pg. 109)**

Staff recommends that the Board of Trustees approve the purchase of one (1) electric 4x4 pickup truck for the Operations Department from the lowest responsible bidder, in an amount not to exceed \$85,000. The purchase will provide the Operations Department with an additional reliable and efficient vehicle to support field operations and departmental activities. Selecting an electric vehicle will also support the District's ongoing efforts to transition its fleet toward zero-emission vehicles and reduce greenhouse gas emissions, while helping the District meet applicable California Air Resources Board (CARB) requirements and fleet-related regulatory goals. The vehicle will be purchased in accordance with the District's applicable purchasing policies and procedures and will provide the Operations Department with a zero-emission option suitable for field use.

B. 2027 Research Proposals — **ad hoc Research Committee and Jennifer A Henke, MS, BCE, Laboratory Manager (Pg. 122)**

*The ad hoc Research Committee and staff recommend the Board approve the 2027 research proposals in an amount not to exceed \$336,376.10; \$168,338.05 will be expensed in Fiscal Year 2026-2027, and the remaining balance will be expensed in Fiscal Year 2027-2028 from fund 8510.01.600.000 – Research Projects **Budgeted; Funds Available***

C. Approval to Engage CV Strategies to Develop and Implement the District's Centennial Campaign — **ad hoc Centennial Committee and Robert C Gaona, MPA, Public Information Manager (Pg. 128)**

Staff recommends that the Board of Trustees approve engaging CV Strategies to develop and implement the Coachella Valley Mosquito and Vector Control District's Centennial Campaign, including strategic communications, marketing, public outreach, branding, event planning, and other campaign-related services as outlined in the firm's proposal, and authorize the General Manager to execute the necessary agreement and related documents, subject to review and approval as to form by District Counsel.

8. Committee and Trustee Reports

A. Executive Committee — **Benjamin Guitron, IV, Board President**

Executive Committee oral report

B. Finance Committee — **Frank Figueroa, EdD, Board Treasurer**

Finance Committee oral report and Finance Committee minutes from July 13, 2026 (**Pg. 140**)

C. 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.

9. Reports

A. General Manager

- i. General Manager's Report — **Jeremy Wittie, MS, CSDM, General Manager**

B. Staff

- i. Impacts of Aedes Control Applications — **Robert C Gaona, MPA, Public Information Manager and Kim Hung, PhD, BCE, Vector Ecologist**

C. General Counsel

Questions and/or comments from Trustees regarding the reports

10. 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.

.....
Certification of Posting

I certify that on October 9, 2026, 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 October 9, 2026

Megan Scarborough-Eckel
Megan Scarborough-Eckel, Clerk of the Board



ITEMS OF GENERAL CONSENT

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Board of Trustees Meeting Minutes

MEETING TIME: 6:00 p.m., July 14, 2026

LOCATION: 43420 Trader Place, Indio, CA 92201

TRUSTEES PRESENT

PRESIDENT Benjamin Guitron, IV	Indio
VICE PRESIDENT John Peña	La Quinta
Gary Gardner	Desert Hot Springs
Bito Larson	County at Large
Felipe Ortiz	County at Large
Michael O'Keefe	Rancho Mirage
Doug Walker	Palm Desert

TRUSTEES ABSENT

SECRETARY Dr. Doug Kunz	Palm Springs
TREASURER Dr. Frank Figueroa	Coachella
Nancy Ross	Cathedral City
John Vallat	Indian Wells

STAFF AND GENERAL COUNSEL PRESENT

Jeremy Wittie, General Manager
Lena D Wade, Legal Counsel, SBEMP
Greg Alvarado, Operations Manager
Robert C Gaona, Public Information Manager
Jennifer A Henke, Laboratory Manager
David l'Anson, Administrative Finance Manager
Crystal Garcia Moreno, Human Resources Risk Manager
Megan Scarborough-Eckel, Clerk of the Board
Jacob Teran, Network Support Specialist

MEMBERS OF THE PUBLIC PRESENT

Yes

1. Call to Order

President Guitron called the meeting to order at 6:01 pm.

A. Roll Call

At roll call, seven (7) of the eleven (11) Trustees were present.

2. Pledge of Allegiance

Everyone in attendance recited the Pledge of Allegiance.

3. Confirmation of Agenda

President Guitron inquired if there was a need to make adjustments to the agenda. Upon no corrections from staff, the agenda was confirmed as is.

4. Public Comments

A. PUBLIC Comments — NON-AGENDA Items:

None

B. PUBLIC Comments — AGENDA Items:

Mr. Brad Anderson of Rancho Mirage submitted public comments.

5. Public Hearing Regarding Resolution 2026-09 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering the Levy of Assessments for the Fiscal Year 2026-2027 for the Coachella Valley Mosquito and Vector Control District Mosquito, Fire Ant, and Disease Control Assessment — David I'Anson, Administrative Finance Manager

A. Staff Report — David I'Anson, Administrative Finance Manager

B. Open Public Hearing — Benjamin Guitron, IV, Board President

C. Public Comment – Resolution 2026-09 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering the Levy of Assessments for the Fiscal Year 2026-2027 for the Coachella Valley Mosquito and Vector Control District Mosquito, Fire Ant, and Disease Control Assessment

D. Close Public Comment

E. Close Public Hearing — Benjamin Guitron, IV, Board President

F. Deliberation and Consideration of the Approval of Resolution 2026-09 Approving the Engineer's Report, Confirming Diagram and Assessment, and Ordering the Levy of Assessments for the Fiscal Year 2026-2027 for the Coachella Valley Mosquito and Vector Control District Mosquito, Fire Ant and Disease Control Assessment

G. Staff recommends that the Board of Trustees adopt Resolution No. 2026-09 Approving the Engineer's Report, Confirming the Diagram and Assessment, and Ordering the Levy of Assessments for Fiscal Year 2026–2027 for the Coachella Valley Mosquito and Vector Control District Mosquito, Fire Ant, and Disease Control Assessment in accordance with applicable legal requirements and supports continued funding for mosquito and vector surveillance, disease prevention, invasive species control, public outreach, and related public health protection services throughout the District's service area.

On a motion from Trustee Gardner, seconded by Trustee Peña, the Board of Trustees approved Resolution 2026-09.

Ayes: President Guitron, Trustees Gardner, Larson, O'Keefe, Ortiz, Peña, Walker

Noes: None

Abstained: None

Absent: Trustees, Figueroa, Kunz, Ross, Vallat

6. Announcements, Presentations, and Written Communications

- A. Vector Control Joint Powers Agency (VCJPA) Insurance Overview — **Yahaira Velasquez, Executive Director/Administrator**

7. 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. Minutes for June 9, 2026, Board Meeting
- B. Approval of expenditures for June 5, 2026, to July 9, 2026
- C. Approval of Resolution 2026-10 Adopting Employee Pay Schedule, in conformance with California Code of Regulations, Title 2, Sections 570.5 and 571 —**Crystal Garcia Moreno, MSIO, Human Resources Risk Manager**

Staff recommends that the Board of Trustees adopt Resolution No. 2026-10 Adopting the Employee Pay Schedule in Conformance with California Code of Regulations, Title 2, Sections 570.5 and 571, thereby ensuring the District maintains compliance with CalPERS reporting requirements and applicable state regulations governing publicly available pay schedules.

- D. Approval of Resolution 2026-11 Authorizing Attendance at Professional Development Conferences and Meetings by members of the Board of Trustees and Employees of the District for Fiscal Years 2026-2027 — **Jeremy Wittie, MS, CSDM, General Manager**

Staff recommends that the Board of Trustees adopt Resolution No. 2026-11 Authorizing Attendance at Professional Development Conferences and Meetings by Members of the Board of Trustees and Employees of the District for Fiscal Year 2026–2027 to support continuing education, professional development, and compliance with applicable laws, regulations, and industry best practices while ensuring the prudent use of District resources.

- E. Informational Items:

- Financials — **David I'Anson, Administrative Finance Manager**
- Government Finance Officers Association (GFOA) Certificate of Achievement for Excellence in Financial Reporting — **David I'Anson, Administrative Finance Manager**
- Approval of Resolution 2026-12 Biennial Adoption of a Conflict-of-Interest Code — **Megan Scarborough-Eckel, Clerk of the Board**
- District Travel for the Board of Trustees — **Megan Scarborough-Eckel, Clerk of the Board**
- Semi-annual research reports from the Mount Sinai School of Medicine; University of California, Irvine; University of California, Riverside; and the USDA for 2026 — **Jennifer A Henke, MS, BCE, Laboratory Manager**

On a motion from Trustee Ortiz, seconded by Trustee Gardner, the Board of Trustees approved all Items of General Consent.

Ayes: President Guitron, Trustees Gardner, Larson, Ortiz, Peña, Walker

Noes: None

Abstained: Trustee O'Keefe

Absent: Trustees, Figueroa, Kunz, Ross, Vallat

8. Action Items

- A. Accept the resignation of Trustee Steve Downs — **Jeremy Wittie, MS, CSDM, General Manager**

Staff recommends that the Board of Trustees accept the resignation of Trustee Steve Downs, effective June 18, 2026, and recognize his dedicated service and contributions to the Coachella Valley Mosquito and Vector Control District during his tenure on the Board of Trustees.

On a motion from Trustee Peña, seconded by Trustee Gardner, the Board of Trustees approved Item A of Action Items.

Ayes: President Guitron, Trustees Gardner, Larson, O'Keefe, Ortiz, Peña, Walker

Noes: None

Abstained: None

Absent: Trustees, Figueroa, Kunz, Ross, Vallat

- B. Approval after the fact for immediate cleanup of pigeon feces on the long carport in the amount of **\$30,092.63**, performed by Clean Harbors — **Jeremy Wittie, MS, CSDM, General Manager, Executive Committee, and David l'Anson, Administrative Finance Manager**

Staff recommends that the Board of Trustees approve, after the fact, the emergency cleanup of pigeon feces on the District's long carport in the amount of \$30,092.63, performed by Clean Harbors, to address an immediate health and safety concern, mitigate potential environmental and regulatory risks, and protect District facilities and personnel.

On a motion from Trustee Walker, seconded by Trustee Gardner, the Board of Trustees approved Item B of Action Items with an approval of a \$10,000 contingency.

Ayes: President Guitron, Trustees Gardner, O'Keefe, Ortiz, Peña, Walker

Noes: Trustee Larson

Abstained: None

Absent: Trustees, Figueroa, Kunz, Ross, Vallat

9. Committee and Trustee Reports

- A. Executive Committee — **Benjamin Guitron, IV, Board President**
Executive Committee oral report
- B. Finance Committee — **Frank Figueroa, EdD, Board Treasurer**
Finance Committee oral report and minutes from June 9, 2026, Finance Committee Meeting
- C. 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.

10. Reports

- A. General Manager
- i. General Manager's Report — **Jeremy Wittie, MS, CSDM, General Manager**
- B. Staff

- i. Arbovirus Risk and Response update (as necessary) — **Jennifer A Henke, MS, BCE, Laboratory Manager, Greg Alvarado, Operations Manager, and Robert C Gaona, MPA, Public Information Manager**

C. General Counsel

Questions and/or comments from Trustees regarding the reports

11. Closed Session

Closed Session (s):

A. **Public Employee Performance Evaluation pursuant to Government Code Section 54957**

Title: General Manager

12. Adjournment

There being no further business to discuss, President Peña adjourned the meeting at 7:26 p.m.

Benjamin Guitron, IV
President

Dr. Doug Kunz
Secretary



Outlook

Public Comment(s) - CVMVCD Board of Trustees meeting of July 14, 2026 (6:PM)

From Brad Anderson <[REDACTED]>**Date** Tue 7/14/2026 9:02 AM**To** Megan Scarborough-Eckel <MScarboroughEckel@cvmosquito.org>**Cc** Jeremy Wittie <JWittie@cvmosquito.org>

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

July 14, 2026

Coachella Valley Mosquito and Vector Control District (CVMVCD)

43420 Trader Pl.

Indio, CA. 92201

Attention: Acting Clerk of the Board

Re: Written testimony in regards to Agenda Items: 5.C. (PUBLIC HEARING TOPIC), plus agenda Items: 8.A, 8.B & 11.A.

Dear current CVMVCD appointees,

Please review my written statements prior to the consideration of each agenda Items as listed. It's critical that documentation be recognized and recorded accurately of CVMVCD ongoing operations to reduce and or eliminate public involvement during California State public meetings held under CVMVCD authority (attempts to disenfranchise citizens the opportunity to review and provide Public testimony in a reasonable manner).

1) Agenda Item: 5. (PUBLIC HEARING - Imposing tax burden on Coachella Valley residents and businesses)

Position: In Opposition

Simply, CVMVCD officials have abused it's authority with radical political maneuvers and schemes to defraud Riverside County residents and businesses. Public health (safety) has been degraded with the continue fostering of CVMVCD operations. Extremely poor governance and non-exsisted ethical standards of CVMVCD administrators have and continue to threaten a reasonable margin of public safety hazards being recorded accurately and located or reduced (Not Eliminated) if reported threats are real (true).

It's reasonable that this Coachella Valley wide (TAX - described as a precived Benefit Assessment) will not be recognized by property owners because of CVMVCD willingness to cheat the general public of the knowledge of this Public Hearing.

It's reasonable that Coachella Valley Resident's are at an increase risk of harmful effects from CVMVCD operations. Having other private sector companies (or County/State) organizations conduct vector control measures if needed would better serve the Coachella Valley region.

2) Agenda Item: 8.A. (another unnecessary rotation of officials)

Position: In Support

CVMVCD organization appears to be a compromised organization networking scheme to demonstrate poor governance techniques to regional governmental agencies (Cites) through trustee appointments.

It's reasonable that the continue changing of appointees (much like baby diapers need to be changed often) should be encouraged.

City of Rancho Mirage Council person (Downs) has shown poor attendance of CVMVCD events (with board approval and most likely received compensation).

3) Agenda Item: 8.B. (unusual wasteful spending of local resources)

Position: In Opposition

It's reasonable that absolutely NO reported (known) publicly disclosure "immediate health and safety concern" was detailed by CVMVCD officials.

Shameful misuse of public finances were expelled in an extraordinary extreme measure (THIRTY THOUSAND NINTY TWO DOLLARS AND SIXTY THREE CENTS) \$30,092.63. for a reported public health threat on private property within CVMVCD headquarters -

It's reasonable to consider that CVMVCD officials are NOT currently serving it's population (taxpayers) in an efficient manner.

4) Agenda Item: 11.A. (Current GM - Non-transparent employee evaluation)

Position:

It's critical that current CVMVCD General Manager (Jeremy Wittie) be recognized as inefficient in his current position.

Coachella Valley residents and businesses are at a higher degree of potential Influences from vector activity with current CVMVCD officials lackluster performance.

It's reasonable that CVMVCD current non-transparent method of performing the General Managers (GM) Performance Evaluation (and other undesirables - Legal counsel review) is substandard and appears to have influences of favoritism and other undesirables Issues associated with that non-transparent methodology.

Please refrain from any further reprisal actions against my private property or person for reporting this true and accurate summary of concerns and opinions expressed.

Sincerely,

Brad Anderson | [REDACTED] Rancho Mirage, CA. 92270

Cc:

Coachella Valley Mosquito and Vector Control District

Checks Issued for the Period of:
September 5- October 8, 2026

Check No	Payable To	Description	Check Amount	Total Amount
	Payroll Disbursement	September 11, 2026	305,302.76	
	Payroll Disbursement	September 25, 2026	300,687.38	
				605,990.14
Pre-Approved Expenditures Utilities/Benefits:				
46646	CalPERS Financial Reporting	Professional Fees	350.00	
46647	CalPERS Healthcare Acct	Cafeteria Plan	136,743.66	
46648	CalPERS - Retirement Acct	Retirement Contributions: 9/11, 9/25/2026PP	98,142.73	
46649	Principal Life Insurance Co.	Cafeteria Plan	14,969.92	
46650	Vector Control Joint Powers Agency	Property & Liability Insurance	72,142.61	
				322,348.92
Pre-Approved Expenditures less than \$10,000.00:				
46651	Advance Imaging Systems	Contract Services	582.44	
46652	Airgas USA, LLC	Lab Supplies & Expenses	4,177.71	
46653	Air & Hose Source, Inc	Equipment Parts & Supplies	203.91	
46654	Carbon Health Medical Goup of California, PC	Physician Fees	120.00	
46656	CleanExcel	Contract Services	8,384.00	
46658	Cove Electric, Inc.	Capital Outlay	4,830.00	
46659	WLC Construction Services, Inc. dba CPM	Professional Fees	2,929.50	
46660	Daniel's Tire Service	Tire Services	3,123.34	
46661	Dudek & Associates	Professional Fees	840.00	
46662	Equipment Direct, Inc.	Field Supplies	5,275.51	
46663	Excel Landscape South	Contract Services	2,793.00	
46664	C & J Brown & Company, CPAS - An Accountancy Corporation	Professional Services	216.00	
46665	Fiesta Ford-Lincoln-Mercury	Vehicle Parts & Supplies	141.22	
46666	Flags A Flying	Repair & Maintenance	355.58	
46667	Gulf California Broadcast Company	Public Outreach Advertising	2,295.00	
46669	KGAY/Gay Desert Guide	Public Outreach Advertising	850.00	
46670	Kiley & Associates, LLC	Professional Fees	2,600.00	
46673	KYA Services	Capital Outlay	2,438.05	
46676	Izzy Motors Inc. dba La Quinta Chevrolet	Offsite Vehicle Maintenance & Repair	5,336.48	
46677	Linde Gas & Equipment Inc.	Offsite Vehicle Maintenance & Repair	81.00	
46678	Marlin Leasing Corporation	Contract Services	885.93	
46679	MosquitoMate, Inc.	Research Projects	5,762.02	
46682	O'Reilly Auto Parts	Vehicle Parts & Supplies	6,470.28	
46683	Pacific Lift and Equipment Company	Equipment Parts & Supplies	778.72	
46684	Marko Petrovic	Office Supplies	151.87	
46685	Petty Cash Checking Custodian Jessica Duenow	Petty Cash Checking Replenishment	725.99	
46687	Prudential Overall Supply	Uniform Expense	5,878.30	
46689	Veolia ES Technical Solutions, LLC	Lab Supplies & Expenses	620.60	
46690	Universal Brake & Alignment	Offsite Vehicle Maintenance & Repair	159.98	
46691	Valley Sanitary District	Utilities	9,520.91	
46692	Vector-Borne Disease Account	CEU Training & Exams	866.00	
46693	Vector Control Joint Powers Agency	Employee Assistance Program	669.30	
Cash - California Bank & Trust Checking				80,062.64
Cash - California Bank & Trust Checking				
46498	Coachella Valley Mosquito & Vector Control District	Closing Accounts CABT	321,975.06	
46645	UMPQUA Bank Commercial Card OPS	District Credit Card September 2026 Statement	97,186.64	
46655	Centrica Business Solutions, Inc	Capital Outlay	285,625.21	
46657	ClearGov	Cloud Computing Services	23,328.68	
46668	Hypertec USA Inc	Cloud Computing Services	28,024.93	
46671	KYA Services	Capital Outlay	11,188.21	
46672	KYA Services	Capital Outlay	127,660.35	
46674	LF Staffing Services, Inc dba Labor Finders	Temporary Services	10,629.00	
46680	MVCAC Membership Services	Dues & Memberships	12,614.00	
46688	SC Commercial LLC dba SC Fuels	Motor, Fuel & Oil	20,510.41	
Cash - California Bank & Trust Check Run Total to be Approved				938,742.49
Total Expenditures: September 5- October 8, 2026				1,947,144.19

Benjamin Guitron, President

Frank Figueroa, Treasurer

	Coachella Valley Mosquito and Vector Control District Staff Report	October 13, 2026
Agenda Item: Items of General Consent Approval of Resolution 2026-13 Adopting Employee Pay Schedule, in conformance with California Code of Regulations, Title 2, Sections 570.5 and 571 — Crystal Garcia Moreno, MSIO, Human Resources Risk Manager		
Background: On August 10, 2011, CalPERS adopted the <i>California Code of Regulations (CCR) Title 2, Sections 570.5 and 571(b)</i>, which set specific requirements for making pay schedules publicly available. The stated purpose was to ensure consistency and enhance disclosure and transparency of public employee compensation. To fully meet the requirements of these regulations, the pay schedule must list a position title for every employee position, show a pay rate for each position, and indicate the time base for the pay rate (hourly, monthly, annually, etc.). The pay schedule shown in <i>Exhibit A</i> reflects the following change: Human Resources Assistant pay scale was updated		
Strategic Business Plan Alignment Goal 6: FINANCE-Sustained and Transparent Finances that meet District revenue needs		
Staff Recommendation: Staff recommends that the Board of Trustees approve Resolution 2026-13		
Exhibit: - Resolution 2026-13 - Pay Schedule (Exhibit A)		

RESOLUTION NO. 2026-13

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT APPROVING THE DISTRICT'S PAY SCHEDULE TO CONFORM WITH THE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 2, SECTION 570.5 AND AMENDMENTS TO CCR SECTION 571, SUBDIVISION (b)

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

WHEREAS, California Code of Regulations, Title 2, Section 570.5 requires governing bodies of local agencies contracting with CalPERS to approve and adopt a publicly available pay schedule in accordance with public meeting laws; and

WHEREAS, the Board of Trustees wishes to meet the requirements of these regulations by adopting a Pay Schedule which sets forth the pay ranges for all District employee classifications, including seasonal employees, in one single document;

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

Section 1. Recitals.

The true and correct recitals above are incorporated by this reference herein as the basis and foundation for the District's adoption of this Resolution.

Section 2. Approval of Pay Schedule

That the Board of Trustees hereby approves the pay schedule shown on Exhibit "A," which is incorporated herein by this reference, for classifications as designated on said schedule, a copy of which is attached hereto and incorporated herein by this reference.

Section 3. Effective Date.

This Resolution shall take effect upon its adoption.

Section 4. Certification.

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

PASSED, ADOPTED, AND APPROVED by the Board of Trustees of the Coachella Valley Mosquito and Vector Control District this 8th day of September 2026.

Benjamin Guitron, IV, President
Board of Trustees

ATTEST:

Megan Scarborough-Eckel, Clerk of the Board

APPROVED AS TO FORM:

Lena D. Wade, General Counsel

REVIEWED:

Jeremy Wittie, M.S., General Manager

Exhibit "A"

**Coachella Valley Mosquito and Vector Control District
Pay Schedule**

Coachella Valley Mosquito and Vector Control District

Pay Schedule FY2026-27 Monthly Rates - Effective 7/1/2026 to 6/30/2027



	<u>Step 1</u>	<u>Step 2</u>	<u>Step 3</u>	<u>Step 4</u>	<u>Step 5</u>	<u>Step 6</u>
Vector Control Technician I, 9-Month Vector Control Technician I, Laboratory Technician	5,118.46	5,374.39	5,643.10	5,925.26	6,221.52	6,532.59
Vector Control Technician II, Laboratory Assistant I	6,221.52	6,532.59	6,859.23	7,202.20	7,562.32	7,940.43
Mechanic I, Facilities Maintenance Technician I	6,532.59	6,859.23	7,202.20	7,562.32	7,940.43	8,337.46
Lead Vector Control Technician, Laboratory Assistant II, Mechanic II, Facilities Maintenance Technician II, Unmanned Aircraft Systems (UAS) Operator	6,859.23	7,202.20	7,562.32	7,940.43	8,337.46	8,754.33
Administrative Assistant, Events and Outreach Assistant	5,773.83	6,062.52	6,365.65	6,683.94	7,018.13	7,369.04
Accounting Technician I	6,062.52	6,365.65	6,683.93	7,018.13	7,369.04	7,737.49
Procurement Specialist	6,365.65	6,683.94	7,018.13	7,369.04	7,737.49	8,124.36
Accounting Technician II	6,614.09	6,944.79	7,292.03	7,656.63	8,039.46	8,441.43
Community Engagement Specialist	6,812.51	7,153.14	7,510.79	7,886.33	8,280.65	8,694.68
Education Specialist	7,510.79	7,886.33	8,280.65	8,694.68	9,129.42	9,585.89
Public Outreach Coordinator, Network Support Specialist	7,683.26	8,067.43	8,470.81	8,894.34	9,339.06	9,806.01
Biologist	8,077.38	8,481.25	8,905.31	9,350.58	9,818.11	10,309.01
Field Supervisor, Public Information Officer, Unmanned Aircraft Systems (UAS) Coordinator	9,366.38	9,834.70	10,326.44	10,842.76	11,384.90	11,954.14
IT/GIS Analyst, Lead Supervisor, Operations Program Coordinator, Vector Ecologist	9,834.63	10,326.37	10,842.68	11,384.82	11,954.06	12,551.76
Human Resources Assistant	5,773.83	6,062.52	6,365.65	6,683.94	7,018.13	7,369.04
Executive Assistant/Clerk of Board, Human Resources Specialist, Payroll Administrator	7,881.08	7,793.08	8,688.89	9,123.33	9,579.49	10,058.48
Administrative Finance Manager, Human Resources Risk Manager, Information Technology Manager, Public Information Manager, Operations Manager, Laboratory Manager	10,944.48	11,491.69	12,066.28	12,669.59	13,303.07	13,968.23
Assistant General Manager	12,300.50	12,915.53	13,561.30	14,239.37	14,951.33	15,698.90
General Manager	17,105.39					

Educational Incentive Pay

Certificate	1%	Master's Degree	4%
Associates Degree	2%	Doctorate Degree	5%
Bachelor's Degree	3%		

Temporary: Out-of-Class

5%	<u>Additional Duties</u>	5%
----	--------------------------	----



FINANCE REPORTS

FINANCE

The financial reports show the balance sheet, receipts, and revenue and expenditure reports for the month ending August 31, 2026. The revenue and expenditure report shows that the operating budget expenditure for July 1, 2026 to August 31, 2026, is \$3,735,630 total revenue is \$4,092 resulting in excess revenue over (under) expenditure for the year to August 31, 2026, of (\$3,731,538).

THREE YEAR FINANCIALS

	Actual	Budget	Actual	Actual
	8/31/2026		8/31/2025	8/31/2024
Revenue	4,092	10,500	6,662	3,890
Expenses				
Payroll	2,544,776	2,791,192	2,134,247	2,231,555
Administrative Expense	230,844	289,960	228,287	189,699
Utility	28,531	25,551	27,338	16,414
Operating Expense	678,804	844,909	686,670	456,443
Contribution to Capital Reserves	252,675	252,675	403,013	315,610
Total Expenses	3,735,630	4,204,287	3,479,555	3,209,721
Profit (Loss)	(3,731,538)	(4,193,787)	(3,472,893)	(3,205,831)

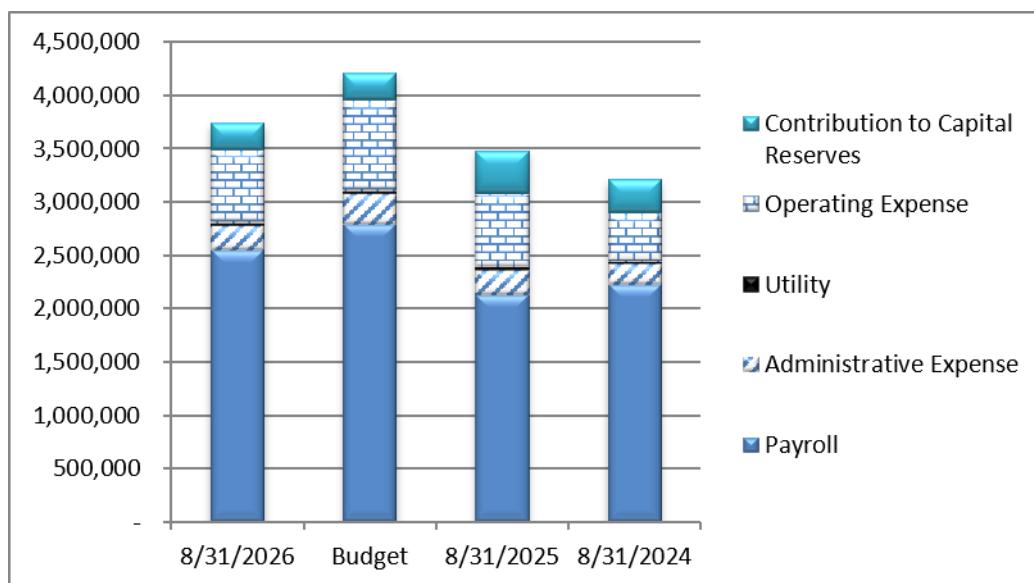


Figure 1 - Three Year Expenditure

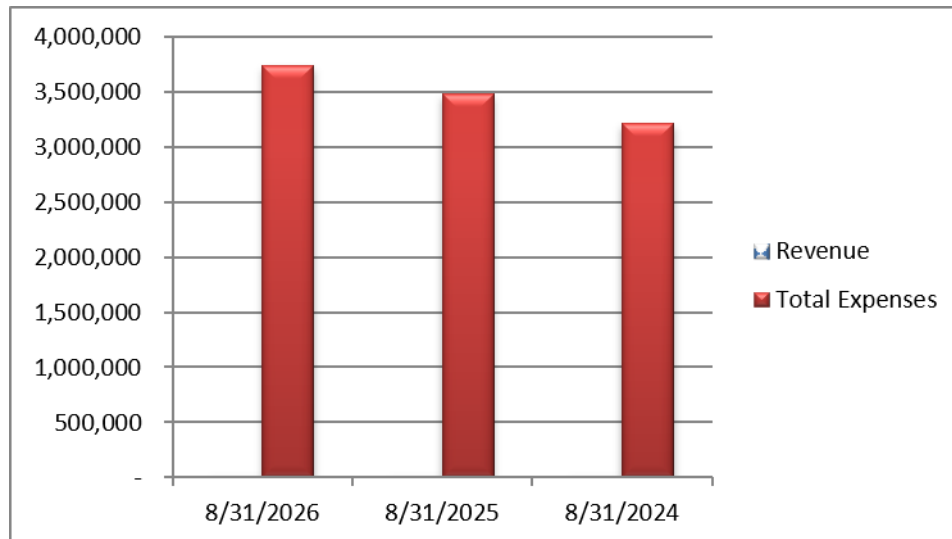


Figure 2 - Three-Year Revenue & Expenditure

THREE-YEAR CASH BALANCE

Cash Balances	8/31/2026	8/31/2025	8/31/2024
Investment Balance	20,980,604	20,010,527	17,328,299
Checking Accounting	29,979	(23,274)	83,665
Payroll Account	248,170	360,481	173,960
Petty Cash	2,000	2,000	2,000
Total Cash Balances	21,260,753	20,349,735	17,587,924

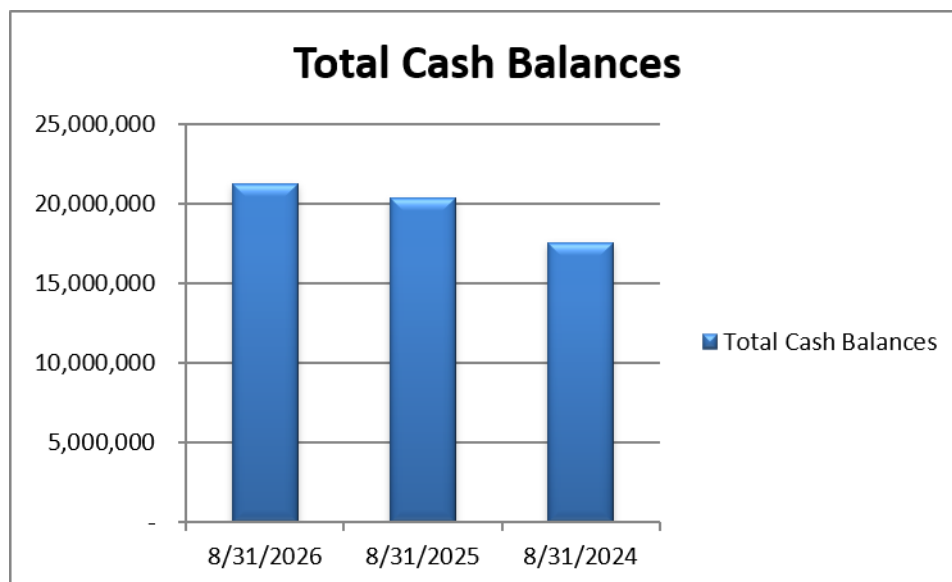


Figure 3 - Cash Balances

DISTRICT INVESTMENT PORTFOLIO 8/31/2026

The District’s investment fund balance for the period ending August 31, 2026, is \$21,260,753. The portfolio composition is shown in the pie chart. Local Agency Investment Fund (LAIF) accounts for 16% of the District’s investments; the Riverside County Pooled Investment Fund is 67% of the total. The LAIF yield for the end of August was 3.86% and the Riverside County Pooled Investment Fund was 3.93%. This gives an overall weighted yield for District investments of 3.89%.

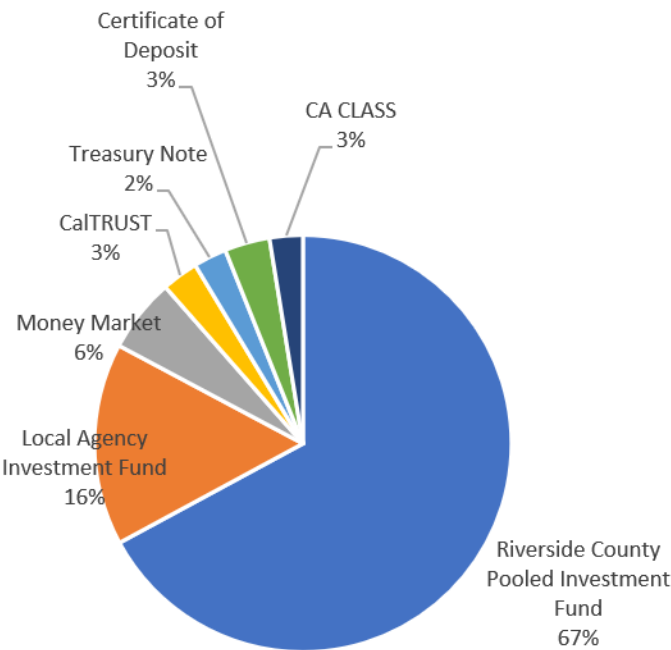


Figure 4 - Investment Portfolio 8/31/26

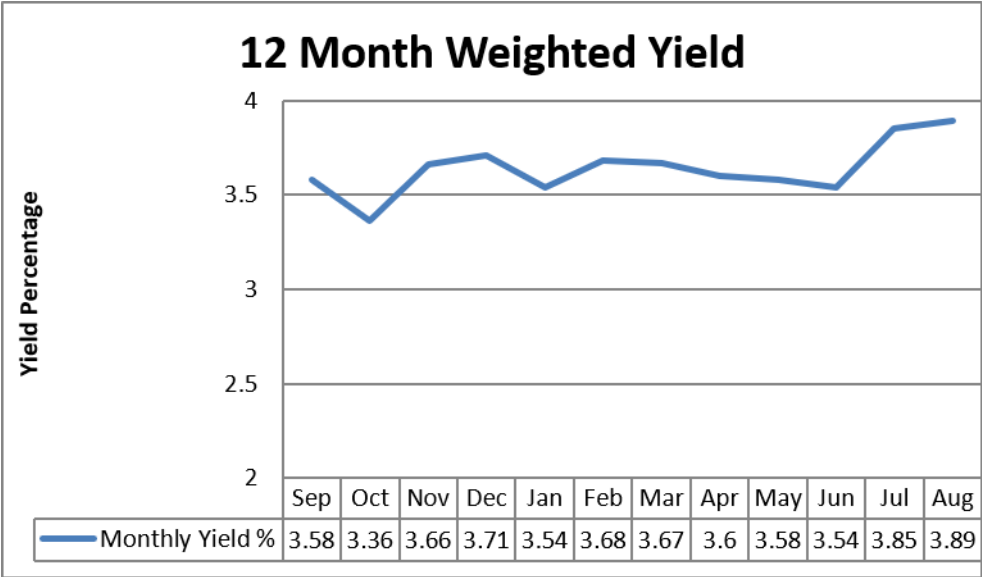


Figure 5 - District Investments Weighted Yield

Coachella Valley Mosquito and Vector Control District
FINANCES AT A GLANCE
ALL FUNDS COMBINED
For the Month Ended August 31, 2026

	Beginning of the Month	Change During the Month	End of the Month
INVESTMENTS	22,745,547	(1,764,943)	20,980,604
CASH	172,415	107,734	280,149
INVESTMENTS & CASH	22,917,962	(1,657,209)	21,260,753
RESTRICTED ASSETS	681,643	-	681,643
CURRENT ASSETS	2,978,073	(230,922)	2,747,151
FIXED ASSETS	9,973,768	-	9,973,768
OTHER ASSETS	6,028,341	-	6,028,341
TOTAL ASSETS	<u>42,579,787</u>	<u>(1,888,131)</u>	<u>40,691,656</u>
TOTAL LIABILITIES	5,168,137	(114,441)	5,053,696
TOTAL DISTRICT EQUITY	37,411,650	(1,773,690)	35,637,960
TOTAL LIABILITIES & EQUITY	<u>42,579,787</u>	<u>(1,888,131)</u>	<u>40,691,656</u>
RECEIPTS		\$ 152,637	
CASH DISBURSEMENTS			
Payroll	\$ 644,691		
General Admin	\$ 1,174,829		
Total Cash Disbursements		\$ (1,819,520)	
NON-CASH ENTRIES:		\$ (221,248)	
Accrual Modifications -			
Changes in A/P, A/R & Pre-paid insurance			
Change during Month - Excess of Cash over Receipts & Non-Cash Adjustments		<u>\$ (1,888,131)</u>	

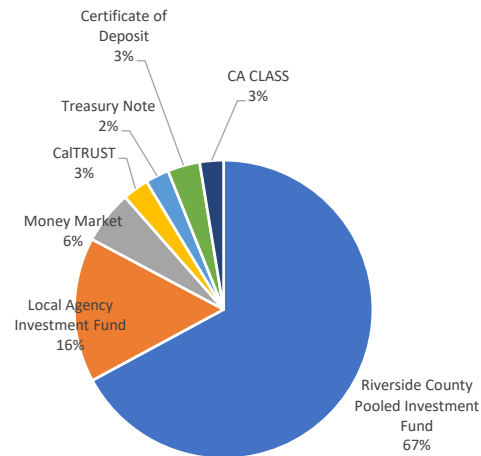
CVMVCD
Cash Journal - deposits
From 8/1/2026 Through 8/31/2026

Effective ...	Transaction Description	Deposits	Payee/Recipient Name
8/31/2026	August Receipts	210.20	Riverside County
8/31/2026	August Receipts	1,527.76	Vector Control Joint Powers Agency
8/31/2026	August Receipts - CY Supp	25,933.61	Riverside County
8/31/2026	August Receipts - ERMA Reimbursement	2,500.00	Employment Risk Management Authority
8/31/2026	August Receipts - misc prop tax	53.84	Riverside County
8/31/2026	August Receipts - PY Secured	94.65	Riverside County
8/31/2026	August Receipts - PY Supp	4,094.24	Riverside County
8/31/2026	August Receipts - Unsecured	276.75	Riverside County
8/31/2026	August Receipts CY Secured	<u>117,946.05</u>	Riverside County
Report Total		<u><u>152,637.10</u></u>	

**COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT
INVESTMENT FUND BALANCES AS OF AUGUST 31, 2026**

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			3.86%	1,859,273	61,725	108,449	849,984	410,308	\$ 3,289,739
Riverside County	Funds 51105 & 51115			3.93%	7,957,793	264,185	464,168	3,637,981	1,756,142	\$ 14,080,268
CalTRUST	Medium Term Fund			3.90%	335,691	11,144	19,580	153,464	74,081	\$ 593,962
CA Bank & Trust	Money Market			0.70%	107,956	3,584	6,297	49,353	23,824	\$ 191,014
HCN Bank	Money Market			3.75%	305,329	10,136	17,809	139,584	67,381	\$ 540,240
CA CLASS	Prime Fund			3.75%	569,022	18,891	33,190	260,134	125,573	\$ 1,006,809
Pershing	Market Rate			0.80%	3,431	114	200	1,568	757	\$ 6,070
US Treasury Securities	Treasury Note	4/23/2026	10/22/2026	3.45%		23,233	40,820	319,934	154,440	\$ 538,427
ALL IN American Cred	Certificate of Deposit	1/18/2023	1/19/2027	4.55%		10,835	19,037	149,205	72,025	\$ 251,102
Austin Telco	Certificate of Deposit	1/27/2023	1/27/2028	4.75%		9,978	17,532	137,409	66,330	\$ 231,249
Alaska USA Fed Cr	Certificate of Deposit	3/8/2023	3/8/2028	4.60%		10,867	19,093	149,647	72,238	\$ 251,846
Total Investments					11,138,495	424,692	746,178	5,848,263	2,823,099	\$ 20,980,726

**PORTFOLIO COMPOSITION AS OF AUGUST 31, 2026
WEIGHTED YIELD 3.89%**



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
August 31, 2026

		Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Percent Annual Budget
Revenues										
4000	Property Tax - Current Secured	5,948,732	0	0	0	0	0	0	(5,948,732)	-100%
4010	Property Tax - Curr. Supplmntl	67,646	0	0	0	0	0	0	(67,646)	-100%
4020	Property Tax - Curr. Unsecured	287,717	0	0	0	0	0	0	(287,717)	-100%
4030	Homeowners Tax Relief	37,096	0	0	0	0	0	0	(37,096)	-100%
4070	Property Tax - Prior Supp.	53,097	0	0	0	0	0	0	(53,097)	-100%
4080	Property Tax - Prior Unsecured	12,532	0	0	0	0	0	0	(12,532)	-100%
4090	Redevelopment Pass-Thru	9,769,996	0	0	0	0	0	0	(9,769,996)	-100%
4520	Interest Income - LAIF/CDs	275,000	0	2,093	2,093	0	7,300	7,300	(272,907)	-99%
4530	Other Miscellaneous Receipts	63,000	10,500	1,999	(8,501)	5,250	0	(5,250)	(61,001)	-97%
4551	Benefit Assessment Income	2,511,672	0	0	0	0	0	0	(2,511,672)	-100%
	Total Revenues	19,026,488	10,500	4,092	(6,408)	5,250	7,300	2,050	(19,022,396)	-100%
Expenditures										
Payroll Expenses										
5101	Payroll - FT	7,873,844	1,312,307	1,146,918	165,389	656,154	607,249	48,905	6,726,925	85%
5102	Payroll Seasonal	97,186	16,198	0	16,198	8,099	0	8,099	97,186	100%
5103	Temporary Services	22,900	3,817	7,514	(3,697)	1,908	4,112	(2,203)	15,386	67%
5105	Payroll - Overtime Expense	58,240	9,707	3,845	5,862	4,853	2,183	2,670	54,395	93%
5150	CalPERS State Retirement	1,673,983	995,050	961,522	33,527	67,893	108,407	(40,514)	712,461	43%
5155	Social Security Expense	475,800	79,300	71,771	7,529	39,650	38,025	1,625	404,029	85%
5165	Medicare Expense	110,843	18,474	16,785	1,689	9,237	8,893	344	94,058	85%
5170	Cafeteria Plan	1,694,686	282,448	275,250	7,197	141,224	147,032	(5,808)	1,419,435	84%
5172	Retiree Healthcare	250,000	41,667	37,449	4,217	20,833	18,725	2,109	212,551	85%
5180	Deferred Compensation	159,121	26,520	23,278	3,242	13,260	12,309	951	135,843	85%
5195	Unemployment Insurance	34,236	5,706	444	5,263	2,853	230	2,623	33,793	99%
	Total Payroll Expenses	12,450,838	2,791,192	2,544,776	246,416	965,965	947,164	18,800	9,906,062	80%

CVMVCD
Statement of Revenue and Expenditures
August 31, 2026

		Annual Budget	YTD Budget	YTD Actual	YTD Budget Variance	Current Period Budget	Current Period Actual	Current Period Variance	Annual Budget Variance	Percent Annual Budget
Administrative Expenses										
5250	Tuition Reimbursement	20,000	3,333	425	2,908	1,667	425	1,242	19,575	98 %
5300	Employee Incentive	20,000	3,333	598	2,735	1,667	578	1,089	19,402	97 %
5302	Wellness	16,000	2,667	775	1,892	1,333	540	794	15,225	95 %
5305	Employee Assistance Program	2,500	417	0	417	208	0	208	2,500	100 %
6000	Property & Liability Insurance	485,541	83,423	79,636	3,787	41,712	39,818	1,894	405,905	84 %
6001	Workers' Compensation Insurance	268,039	53,006	49,161	3,846	26,503	24,580	1,923	218,878	82 %
6050	Dues & Memberships	73,116	11,233	16,636	(5,404)	5,531	2,463	3,068	56,480	77 %
6060	Reproduction & Printing	61,350	10,225	11,616	(1,391)	5,113	1,897	3,216	49,734	81 %
6065	Recruitment/Advertising	5,000	833	1,638	(805)	417	178	239	3,362	67 %
6070	Office Supplies	32,835	5,472	1,707	3,766	2,736	932	1,805	31,128	95 %
6075	Postage	14,400	2,400	13	2,387	1,200	0	1,200	14,387	100 %
6080	Computer & Network Systems	13,399	2,233	0	2,233	1,117	0	1,117	13,399	100 %
6085	Bank Service Charges	500	83	256	(172)	42	127	(85)	244	49 %
6090	Local Agency Formation Comm.	3,600	600	3,882	(3,282)	300	0	300	(282)	(8)%
6095	Professional Fees	143,600	23,933	17,222	6,711	11,967	9,395	2,572	126,378	88 %
6100	Attorney Fees	95,000	15,833	4,000	11,833	7,917	4,000	3,917	91,000	96 %
6106	HR Risk Management	8,000	8,000	0	8,000	0	0	0	8,000	100 %
6110	Conference Expense	82,900	9,967	7,902	2,065	4,983	1,012	3,971	74,998	90 %
6115	In-Lieu	13,200	2,200	0	2,200	1,100	0	1,100	13,200	100 %
6120	Trustee Support	7,600	1,267	698	568	633	225	408	6,902	91 %
6200	Meetings Expense	17,700	2,950	1,339	1,611	1,475	660	815	16,361	92 %
6210	Promotion & Education	58,800	9,800	18,374	(8,574)	4,900	7,680	(2,780)	40,426	69 %
6220	Public Outreach Advertising	146,000	24,333	5,420	18,913	12,167	4,770	7,397	140,580	96 %
6500	Benefit Assessment Expenses	149,000	12,417	9,545	2,871	0	9,545	(9,545)	139,455	94 %
Total Administrative Expenses		1,738,079	289,960	230,844	59,116	134,687	108,824	25,863	1,507,236	87 %
Utilities										
6400	Utilities	150,544	25,091	27,942	(2,851)	12,545	13,642	(1,097)	122,602	81 %
6410	Telecommunications	2,760	460	589	(129)	230	296	(66)	2,171	79 %
Total Utilities		153,304	25,551	28,531	(2,981)	12,775	13,938	(1,163)	124,773	81 %

CVMVCD
Statement of Revenue and Expenditures
August 31, 2026

		Annual			YTD Budget	Current	Current	Current	Annual	Percent
		Budget	YTD Budget	YTD Actual	Variance	Period Budget	Period Actual	Period Variance	Budget Variance	Annual Budget
Operating										
7000	Uniform Expense	63,694	10,616	13,623	(3,007)	5,308	8,403	(3,095)	50,071	79 %
7050	Safety Expense	54,776	9,129	7,354	1,775	4,565	1,820	2,745	47,422	87 %
7100	Physican Fees	9,000	1,500	999	501	750	999	(249)	8,001	89 %
7150	IT Communications	92,379	15,230	18,047	(2,817)	7,615	9,260	(1,645)	74,332	80 %
7200	Household Supplies	3,000	500	948	(448)	250	137	113	2,052	68 %
7300	Repair & Maintenance	56,000	9,333	6,688	2,645	4,667	4,917	(250)	49,312	88 %
7310	Maintenance & Calibration	13,300	2,217	0	2,217	1,108	0	1,108	13,300	100 %
7350	Permits, Licenses & Fees	12,230	2,038	2,122	(83)	1,019	0	1,019	10,108	83 %
7360	Software Licensing	43,235	3,123	11,225	(8,101)	542	9,556	(9,015)	32,010	74 %
7400	Vehicle Parts & Supplies	81,020	13,503	18,982	(5,479)	6,752	14,899	(8,147)	62,038	77 %
7420	Offsite Vehicle Maint & Repair	22,318	3,720	8,924	(5,204)	1,860	8,845	(6,985)	13,394	60 %
7450	Equipment Parts & Supplies	91,062	15,177	6,017	9,160	7,589	4,084	3,505	85,045	93 %
7500	Small Tools Furniture & Equip	6,500	1,083	333	750	542	0	542	6,167	95 %
7550	Lab Supplies & Expense	80,425	13,404	9,494	3,910	6,702	5,498	1,204	70,931	88 %
7570	Aerial Pool Surveillance	25,000	4,167	0	4,167	2,083	0	2,083	25,000	100 %
7575	Surveillance	147,035	24,506	28,955	(4,450)	12,253	22,631	(10,378)	118,080	80 %
7600	Staff Training	183,668	29,070	35,196	(6,127)	14,735	9,214	5,521	148,472	81 %
7650	Equipment Rental	1,500	250	146	105	125	0	125	1,355	90 %
7675	Contract Services	267,173	32,403	24,997	7,405	16,271	15,178	1,093	242,176	91 %
7680	Cloud Computing Services	195,730	51,883	11,905	39,978	42,829	7,225	35,604	183,825	94 %
7700	Motor Fuel & Oils	159,800	26,633	13,719	12,914	13,317	13,719	(403)	146,081	91 %
7750	Field Supplies	15,400	2,567	791	1,775	1,283	617	666	14,609	95 %
7800	Control Products	847,438	456,768	391,477	65,292	443,852	347,779	96,073	455,961	54 %
7850	Aerial Applications	80,000	13,333	23,850	(10,517)	6,667	0	6,667	56,150	70 %
8415	Capital Outlay	91,530	15,255	9,131	6,124	7,627	8,674	(1,046)	82,399	90 %
8510	Research Projects	250,000	41,667	29,686	11,981	20,833	17,468	3,365	220,314	88 %
9000	Contingency Expense	275,000	45,833	4,194	41,639	22,917	0	22,917	270,806	98 %
Total Operating		3,168,213	844,909	678,804	166,104	654,059	510,922	143,138	2,489,409	79 %

CVMVCD
Statement of Revenue and Expenditures
August 31, 2026

					Current	Current	Annual	Percent		
Annual		YTD Budget		Current	Period	Period	Budget	Annual		
Budget	YTD Budget	YTD Actual	Variance	Period Budget	Actual	Variance	Variance	Budget		
Contribution to Capital Reserves										
8900	Transfer to other funds	1,516,049	252,675	252,675	0	126,337	126,337	0	1,263,374	83 %
Total Contribution to Capital Reserves		1,516,049	252,675	252,675	0	126,337	126,337	0	1,263,374	83 %
Total Expenditures		19,026,484	4,204,286	3,735,630	468,656	1,893,823	1,707,185	186,638	15,290,854	80 %
Net revenue over/(under) expenditures		4	(4,193,786)	(3,731,538)	462,249	(1,888,573)	(1,699,886)	188,688		

CVMVCD

Balance Sheet - Unposted Transactions Included In Report
As of 8/31/2026

		Current Year
Assets		
Cash and Investments		
1000	Cash - Investments	20,980,603.77
1016	Petty Cash	500.00
1017	Petty Cash Checking	1,500.00
1025	HCN Bank General Checking	86.03
1026	HCN Bank - Payroll Checking	150,710.82
1035	CB&T General Checking	29,892.73
1036	CB&T Payroll Checking	97,459.26
	Total Cash and Investments	21,260,752.61
Restricted Cash Assets		
1040	Restricted Assets - Pension Stabilization CEPPT	681,642.61
	Total Restricted Cash Assets	681,642.61
Current Assets		
1050	Accounts Receivable	191,804.41
1051	Lease Payments Receivable	31,250.22
1080	Interest Receivable	33,755.48
1085	Inventory	695,880.65
1166	Prepaid IT Service	11,678.40
1167	Prepaid Research Proposals	48,871.76
1168	Prepaid Expenses	565,177.99
1169	Deposits	1,168,732.33
	Total Current Assets	2,747,151.24
Fixed Assets		
1170	Construction in Progress	1,396,119.01
1201	Leased Copier Asset #1 Ops Copier	45,754.67
1300	Equipment/Vehicles	2,629,786.19
1310	Computer Equipment	896,420.88
1311	GIS Computer Systems	301,597.91
1320	Office Furniture & Equipment	1,389,749.63
1330	Land	417,873.30

CVMVCD

Balance Sheet - Unposted Transactions Included In Report
As of 8/31/2026

		Current Year
1335	Oleander Building	5,665,861.83
1336	Signage	23,651.39
1340	Structures & Improvements	4,270,346.02
1341	Bio Control Building	6,923,882.74
1342	Bio Control Equip/Furn	43,986.77
1398	Amortization Leased Equipment	(9,150.93)
1399	Accumulated Depreciation	(14,022,111.00)
	Total Fixed Assets	9,973,768.41
	Other Assets	
1520	Resources to Be Provided	3,514,102.33
1525	Deferred Outflows of Resources	1,710,674.60
1530	Deferred Outflows of Resources - OPEB	803,564.00
1900	Due to/from	0.12
	Total Other Assets	6,028,341.05
	Total Assets	40,691,655.92
	Liabilities	
	Short-term Liabilities	
	Accounts Payable	
2015	Credit Card Payable	128,320.15
2020	Accounts Payable	250,312.84
2185	Employee Dues	(374.54)
2401	Leased Copier Asset # 1	37,078.13
	Total Accounts Payable	415,336.58
	Total Short-term Liabilities	415,336.58
	Long-term Liabilities	
2100	Pollution Remediation Obligation	2,100,000.00
2200	Net Pension Liability	697,006.77
2210	Deferred Inflows of Resources	228,562.00
2230	Deferred Inflows - OPEB	928,198.00
2235	Deferred Inflow of Resources - Leases	31,250.22

CVMVCD

Balance Sheet - Unposted Transactions Included In Report
As of 8/31/2026

		Current Year
2300	Net OPEB Liaibility	(351,251.00)
2500	Compensated Absences Payable	1,004,593.57
	Total Long-term Liabilities	4,638,359.56
	Total Liabilities	5,053,696.14
Fund Balance		
	Restricted Fund Balance	
3901	Restricted Fund Balance - Pension Stabilization	426,380.05
	Total Restricted Fund Balance	426,380.05
	Non Spendable Fund Balance	
3920	Investment in Fixed Assets	10,673,170.66
3945	Reserve for Prepaids & Deposit	1,853,432.51
3960	Reserve for Inventory	641,544.59
	Total Non Spendable Fund Balance	13,168,147.76
	Committed Fund Balance	
3965	Public Health Emergency	6,063,874.00
	Total Committed Fund Balance	6,063,874.00
	Assigned Fund Balance	
3910	Reserve for Operations	7,350,150.00
3955	Thermal Remediation Fund	365,108.00
3970	Reserve for Equipment	594,506.25
3971	Reserve for Facility & Vehicle Replacement	6,794,714.69
	Total Assigned Fund Balance	15,104,478.94
	Unassigned Fund Balance	
3900	Fund Equity	165,069.11
3999	P&L Summary	4,391,986.22
	Total Unassigned Fund Balance	4,557,055.33
	Current YTD Net Income	
		(3,681,976.30)
	Total Current YTD Net Income	(3,681,976.30)
	Total Fund Balance	35,637,959.78

CVMVCD

Balance Sheet - Unposted Transactions Included In Report
As of 8/31/2026

	Current Year
Total Liabilities and Net Assets	<u>40,691,655.92</u>



DEPARTMENT REPORTS

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Human Resources

Promotions

- *Christopher Vazquez* promoted to Vector Control Technician II on June 22, 2026
- *Estefania Gonzalez-Navarro* promoted to Vector Control Technician I (9 months) on July 27, 2026

New Hires

- *Joey Lucas* started in their role as Vector Control Technician I (9 months) on August 10, 2026
- *Andy Ramirez* started in their role as Assistant General Manager on August 24, 2026

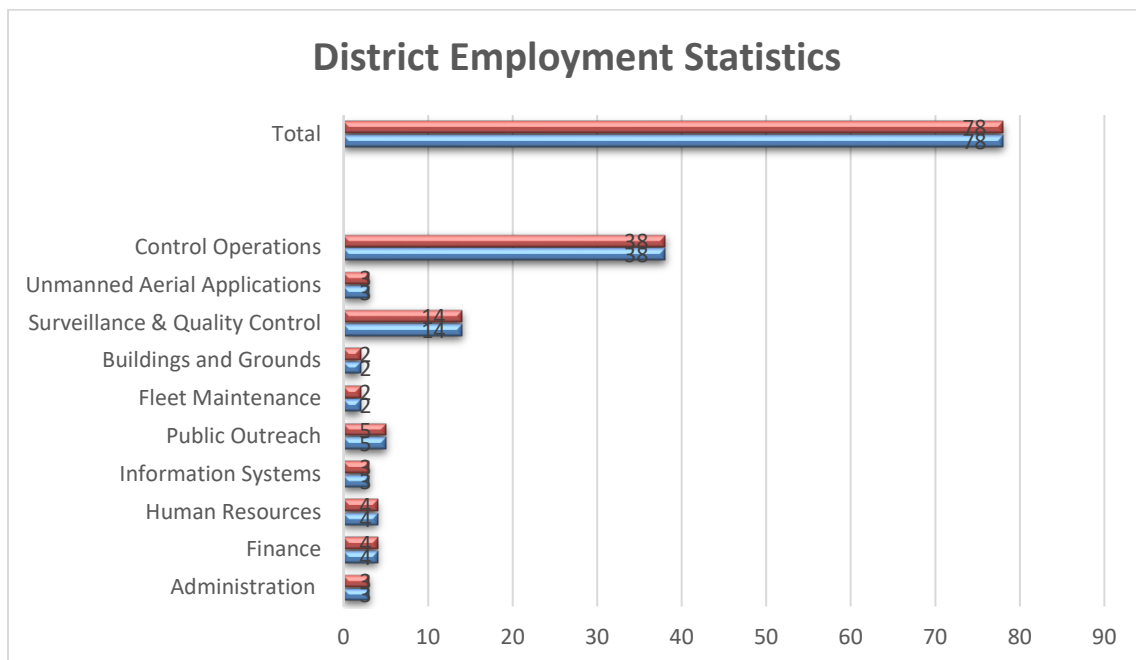
Anita Jones Academy of Employee Excellence

On August 28th, the following employees graduated from the Anita Jones Academy of Employee Excellence - Jessica Duenow, Alex Echenberg, Marina Espejo, Juan Carlos Herrera, Rosendo Ruiz, and Christopher Vazquez. The Academy is an in-house program initially developed by former Human Resources Manager Anita Jones. It includes various courses that include business writing, public speaking, and time management, all taught by District personnel and retiree Anita Jones.



Staff Training

Beginning, the week of June 15th, the District started it's second annual "Cool Down" Training Series where either webinars or live training are held for 30 minutes on the two (2) hottest days of the week. The training series provides staff with an opportunity to get out of the heat and cool down for 30 minutes while completing the required training. Some of the training provided thus far has covered the District's Respectful Civil Workplace Policy, Safety Essentials, Slips, Trips, and Falls, and Heat Illness Prevention.



Facilities Department Report

Boardroom Renovation

The Boardroom renovation project continued to progress throughout the quarter. The existing furniture, projectors, screens, bookcases, and library materials were removed prior to construction, with the books and bookcases placed in off-site storage.

Construction activities have included drywall framing and installation, electrical and data work, and coordination with the AV contractor for the installation of the new Video Wall. Staff have worked closely with the drywall, electrical, and AV contractors to coordinate the various components of the project and ensure the work is completed in the proper sequence.

The project schedule currently includes painting during the week of September 8, acoustic wall installation September 14–18, and replacement of the Boardroom flooring September 21–25. New Boardroom furniture is anticipated to be delivered in early October. The installation schedule for the new AV equipment is still being finalized.

Centrica Solar Project

Preparation and installation work for the Centrica solar panel project continued throughout the quarter. Solar panel installation is currently underway. Facilities staff have also coordinated related site work, including the completion of cleanup of the long carport by Clean Harbors in preparation for the project.

Locker Room Expansion

The locker room expansion project advanced through the architectural and planning stages this quarter. Architects were onsite to finalize the plans, which are nearing completion for submission to the City for plan check.

In addition to the locker room expansion, the project will include replacement of two original packaged air conditioning units that are approximately 25 years old. This work will provide necessary improvements to both the facility and its supporting mechanical systems.

Facilities Department Report



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.

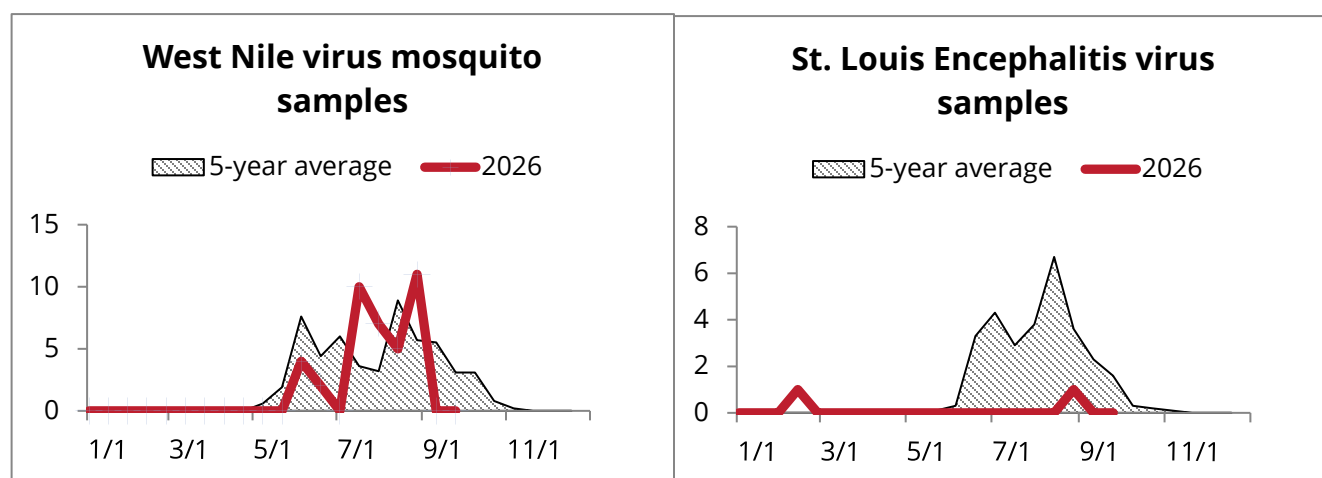
DISEASE SURVEILLANCE (As of 10/2/2026)

California

	WNV - Positive 2026 YTD	WNV - Positive 2025 YTD	WNV - 5-year Average	WEE 2026 YTD	SLEV 2026 YTD
Positive Counties	38	33	34	0	3
Human Cases	252	47	91	0	1
Positive Dead Birds / # Tested	702/2,083	138/1,471	338	0	0
Positive Mosquito Pools / # Tested	3,839/50,633	2,500/42,472	2,752	0	10

ARBOVIRUS SURVEILLANCE TESTING – COACHELLA VALLEY

		May	June	July	August	Sept	2026 YTD	2025 YTD	5-year Average YTD
Humans		0	0	0	0	0	0	0	0
Dead Birds		0	0	0	0	0	0	0	0
Mosquito Pooled Samples	WNV	2	4	17	16	0	39	10	97
	SLEV	0	0	0	1	0	2	91	55
	# Tested	645	583	294	227	371	4,352	4,952	4,941



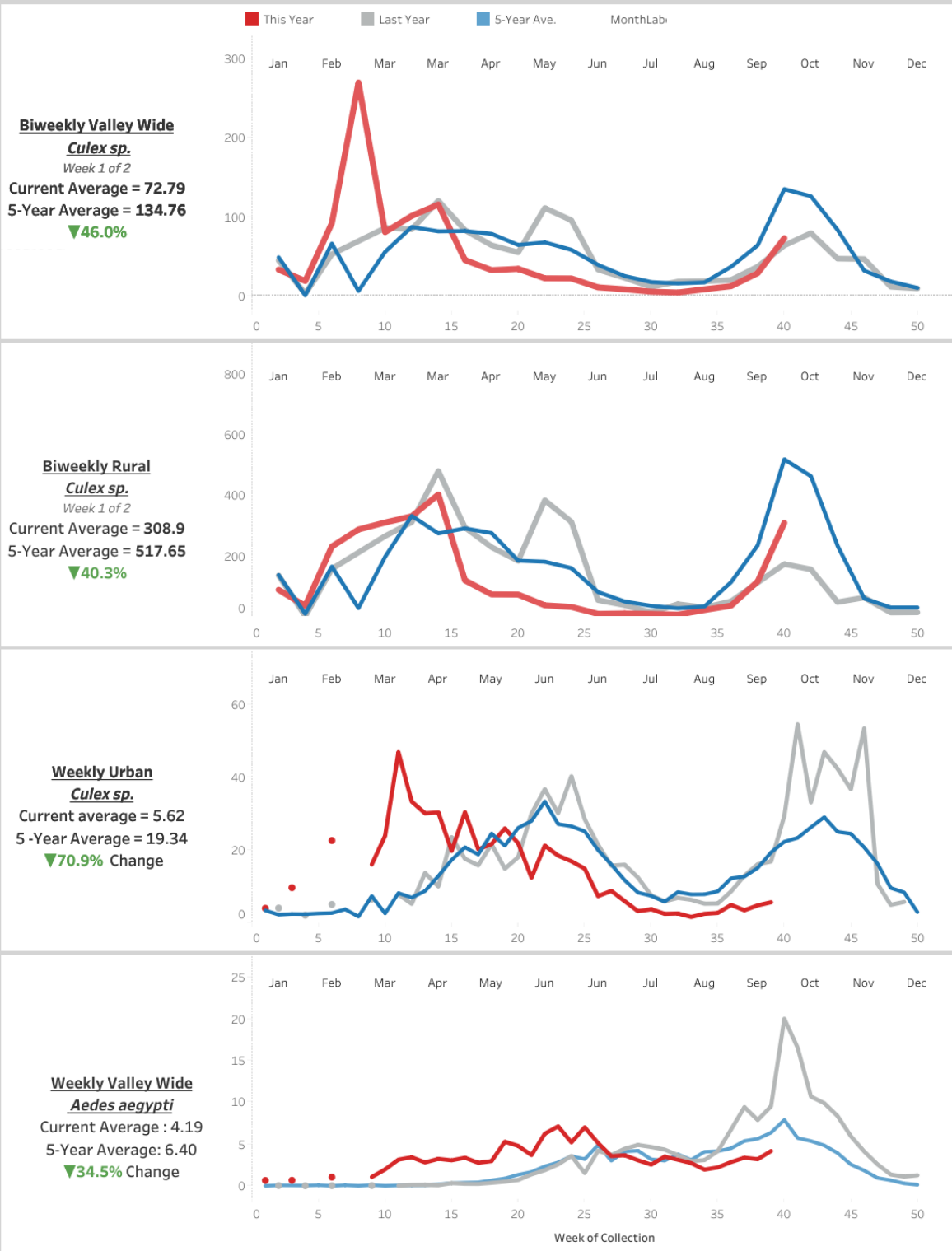
MOSQUITO COLLECTIONS

Week #39, 2026 - Virus Risk Assessment

West Nile Virus
 This Year-to-Date: 39
 Last Year-to-Date: 11
 Last Year Final Total: 13

Saint Louis Encephalitis Virus
 This Year-to-Date: 2
 Last Year-to-Date: 95
 Last Year Final Total: 96

Average Mosquito Abundance per Trap per Night



BIOLOGICAL CONTROL

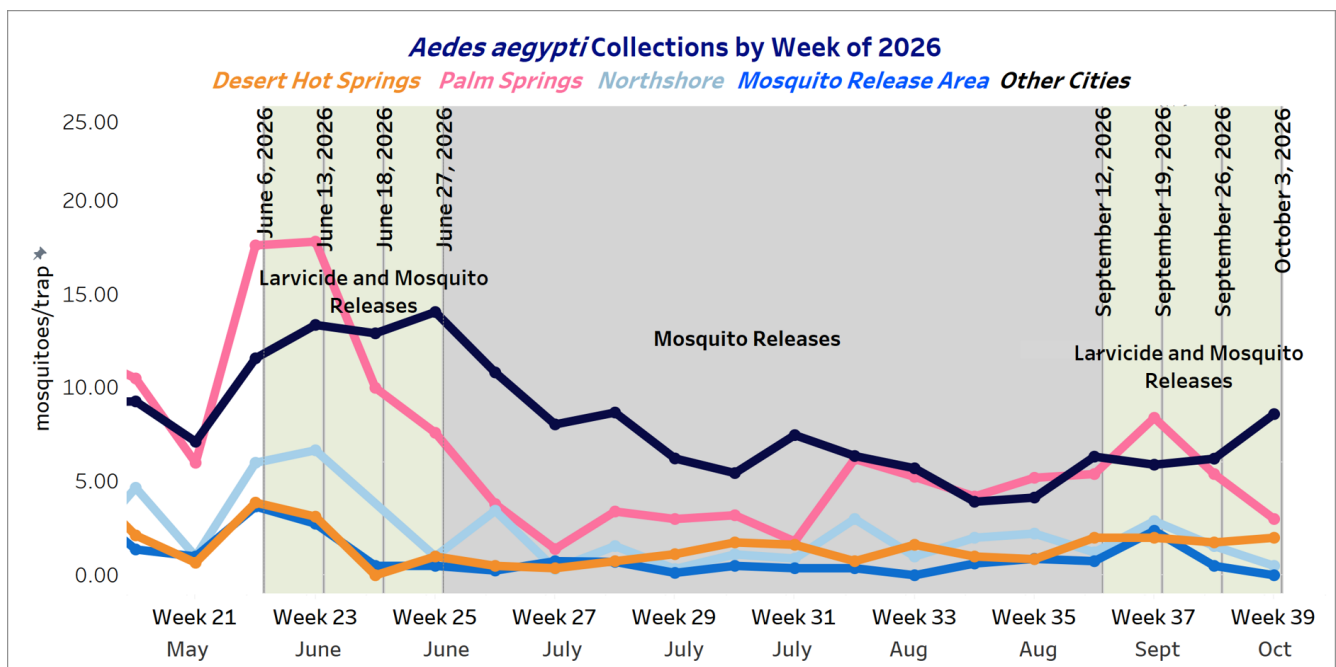
Mosquitofish. As of September 30, 2026, approximately 6,390 mosquitofish were stocked in neglected swimming pools, private ponds, fountains, and animal watering troughs. The District raises its mosquitofish in outdoor ponds, and mosquitofish are taken by technicians to locations where they are needed.

Sterile Male Mosquito Program. This season, we released 60,000 MosquitoMate WB1 male mosquitoes in the community of Northshore each week from June through September. This project will be evaluated like other control efforts. Here, we marked the mosquitoes to identify them in the traps, so we can estimate their movement. We also monitored the adult *Ae. aegypti* abundance, as we expect a reduction in the collections over the summer. An update on the results is later in this report (with the *Aedes* neighborhood treatments).



PRODUCT EFFICACY

***Aedes* neighborhood treatments.** We placed sample cups inside and outside the treatment area before each application in June. After each application, the cups were returned to the lab to add water and mosquito larvae. The cups inside the treatment area had nearly 100% mortality while the cups set outside the treatment area had low mortality. Below is a graph of female mosquitoes collected from traps set in the different treatment areas. The traps in the area-wide larvicide treatment areas by the respective cities (orange, pink, and light blue) were collecting fewer mosquitoes than the traps not receiving any extra larvicide treatments or sterile mosquitoes (black). The traps in the Palm Springs larvicide treatment area have a recent increase in mosquito numbers. The traps in the mosquito release and the area-wide larvicide treatment area (dark blue) collected the fewest mosquitoes. Larvicide treatments are scheduled to resume in September.



Resistance in adult mosquitoes. In May, we conducted bottle assays to examine resistance to active ingredients in control products for adult mosquitoes. The mosquitoes are exposed to a small amount of product that coats the inside of bottles. We examined mosquito resistance in local *Culex tarsalis* mosquitoes against Aqua-Reslin at 22 ug/mL (permethrin with synergist), DeltaGard at 10 ug/mL (deltamethrin), Merus 3.0 (pyrethrin) at 10 ug/mL, and Fyfanon ULV at 150 ug/mL (malathion). We found that the *Cx. tarsalis* mosquitoes are resistant to Aqua-Reslin and Merus 3.0. At field rates, Aqua-Reslin worked the best against the mosquitoes from the west shore.



Electric equipment evaluation. We worked with Greater Los Angeles Vector Control District, Orange County Mosquito and Vector Control District, and Northwest Mosquito and Vector Control District last week. We compared how an electric ULV machine and a gas-powered ULV machine work. Kim went to Corona to assist with the application at Northwest. For the application made here, we are seeing that the electric-powered equipment was less consistent than the gas-powered equipment. That is, all of the mosquitoes died out to 300 feet when treated by the gas-powered equipment, and some of the mosquitoes survived in the treatments by the electric-powered equipment.



Aerial equipment evaluation. The District is evaluating new equipment that Farm Aviation, Inc (Brawley, CA) acquired to conduct mosquito adulticide applications with its fixed-wing aircraft. Operations and Lab staff performed nighttime field studies to verify that the product released from the aircraft will successfully reach the ground and knock down mosquitoes. We anticipate additional evaluations for the fixed-wing helicopter to continue checking its efficacy. We also plan to examine the helicopter when the equipment is ready.

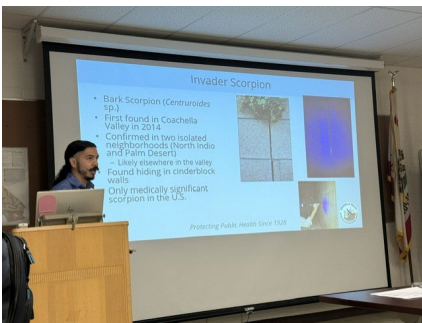
ADDITIONAL DEPARTMENT ACTIVITIES



CSU SB. Mahmood Nikbakhtzadeh (Nik) from CSU San Bernardino partnered with us on a Vector Training program. This project is funded by the PacVec Center of Excellence and is designed to increase interest and talent in the workforce for vector control. Nik has participants from local universities attend daily classes for 3 weeks. In June, Jennifer presented on the work at our District, highlighting the importance of vector surveillance, mosquito control operations, laboratory activities, field practices, public education efforts, and the broader role of the District in protecting public health for the residents and visitors to the Coachella Valley.

The participants then came to the District for a tour where they got to see much of the equipment in action. In October, Jennifer also presented to the Vector Control course on career opportunities in mosquito control.

INTERN. Estefania Gonzalez-Navarro (pictured left with Kim Hung) completed her internship with the team. She jumped right in with a field evaluation set up comparing electric equipment to gas-powered equipment described above. Her project examined whether adult mosquitoes could transfer pyriproxyfen to water to kill larval mosquitoes. While some adult mosquitoes did have enough pesticide on them that the larvae in cups died, it was inconsistent. Estefania finished her internship early because she was hired as a 9-month VCT !!

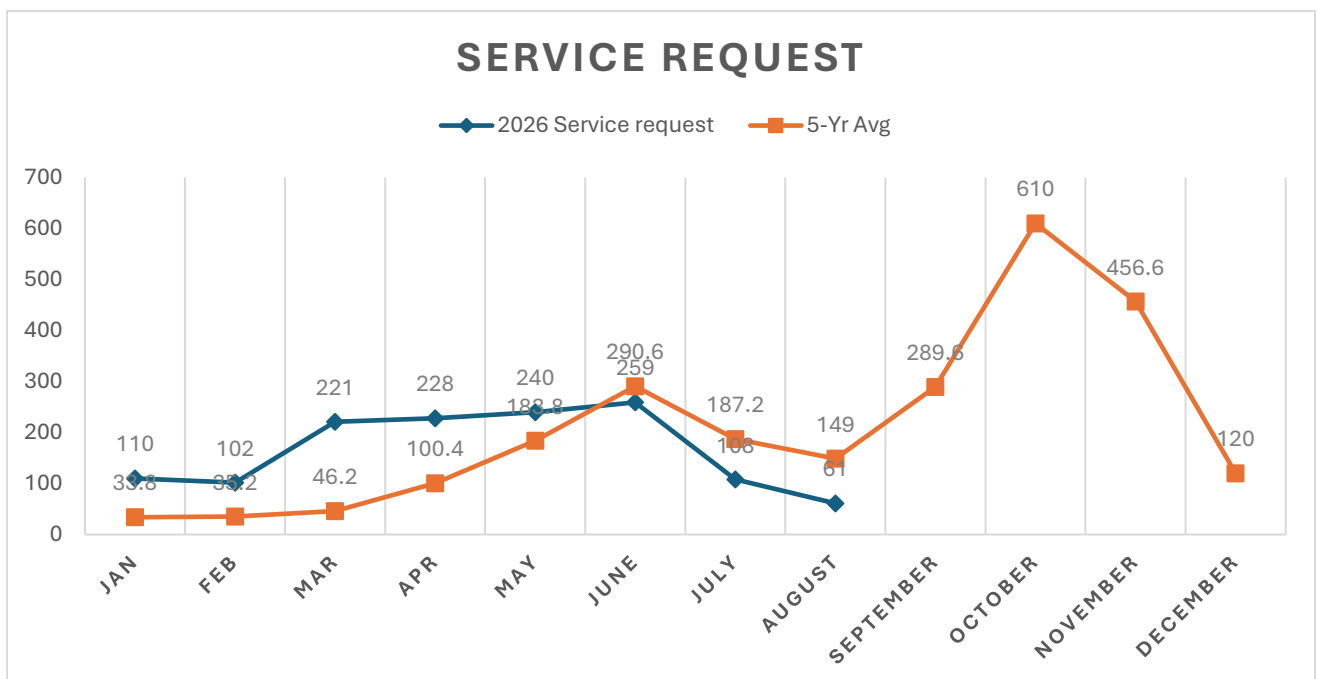
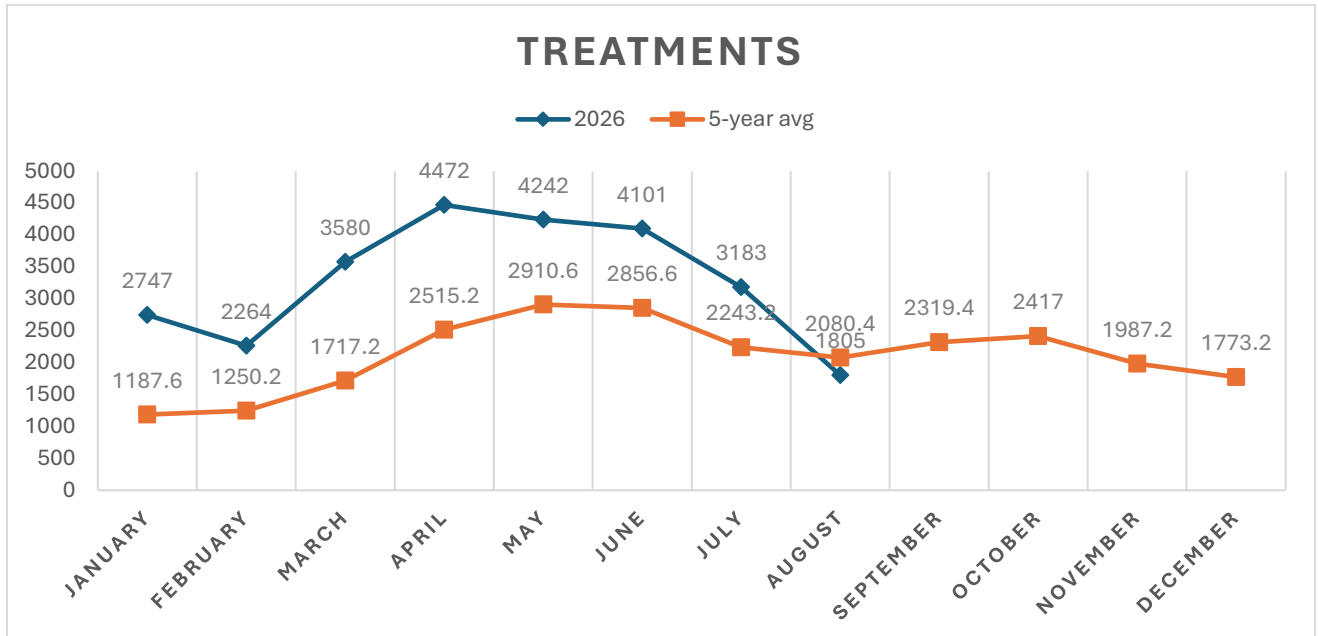


SPIDER IPM WORKSHOP. Jacob was invited to speak about spiders and scorpions of medical importance at the Spiders & Their Kin Identification Workshop at the University of California Cooperative Extension Center on September 24, 2026. His 30-minute talk, tailored for pest control technicians, was well received and it was a great opportunity for Jacob to share his personal knowledge on a unique topic.

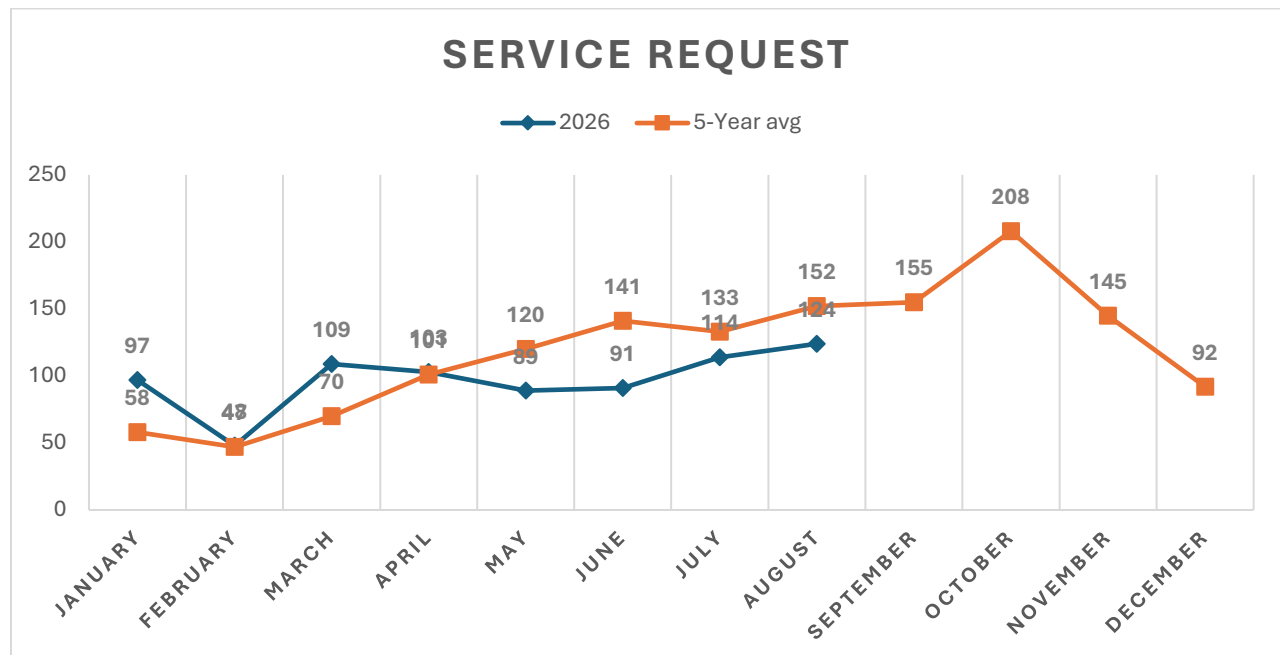
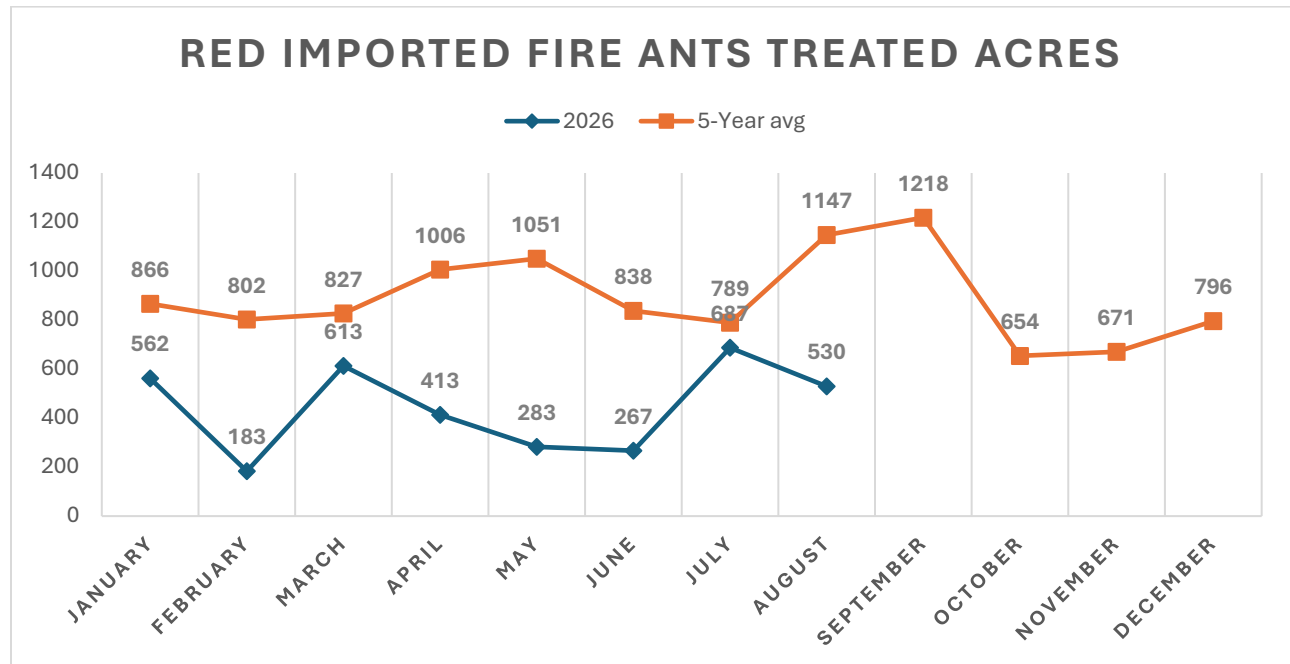
EXTERNAL RESEARCHERS. We have continued a number of partnerships with researchers. Daniel Parker from UC Irvine is setting small weather stations at some trap locations to see what the climate is like where mosquitoes are flying. Dr. Chandrasegaran (UC Riverside) and Dr. Nik (CSU SB) are examining whether pesticides not targeted for mosquitoes impact how the mosquitoes develop.

OPERATIONS

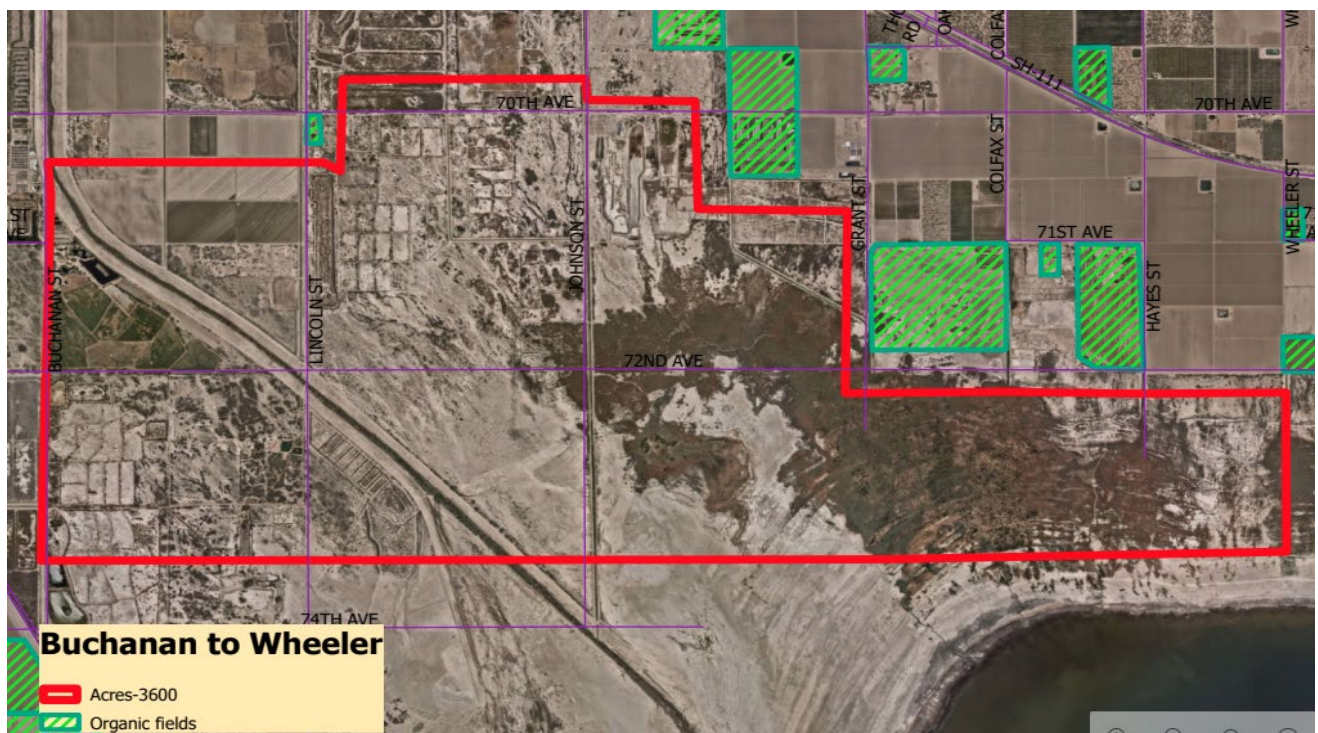
Operations update: In 2026, mosquito control treatments experienced a 37% increase compared to the 5-year average. This growth is largely due to ongoing enhancements to the workflow with a one team approach and to our assignment and scheduling programs. It's also a response to the increase in breeding sources in June and July. Furthermore, service requests decreased by 47% for the year. The graph below provides a monthly comparison of treatments and service requests done by field staff for 2026 and the 5-year average.



Red imported fire ants- The Operations team continued red imported fire ant (RIFA) treatments in 2026. Total acreage treated for the year decreased by approximately 52% compared to the 5-year average, primarily due to fewer applications at golf courses with the introduction of self-service bag program agreement. Service request calls saw a 6% decrease, this shows some change from the 5-year average. The graphs below provide a month-by-month comparison of acreage treated and service requests completed by the RIFA team in 2026 and the average.



Arbovirus response-Aerial adulticide applications- Six aerial adulticide applications were performed responding to arbovirus detection surrounding Salton Sea shoreline. These applications assist in reducing the mosquito adult abundance, therefore, reducing the risk of virus transmission. Adulticides are applied at very low dosages. The low dosages, plus natural degradation by UV light and water, ensure minimal risk to the public and environment. Application dates: Top route 6/5-6/7 and bottom route 8/20-8/22. Covered about 13,773 acres.

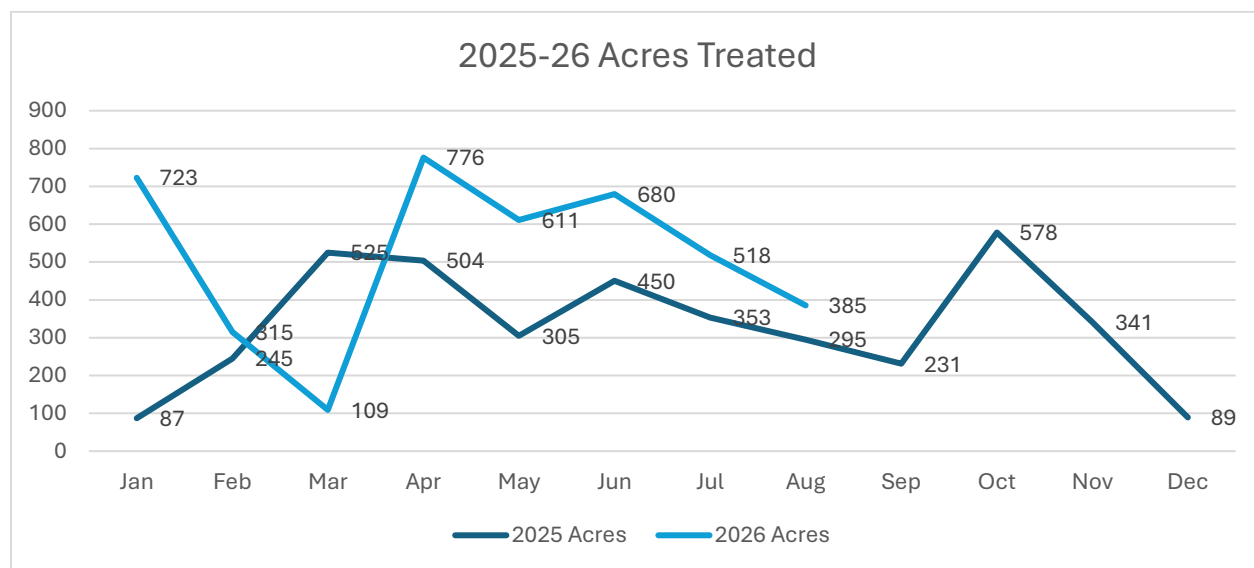


Arbovirus response- Barrier applications: From June through August the operations team conducted 11 barrier applications in response to the virus detections covering about 18.5 miles of vegetation.

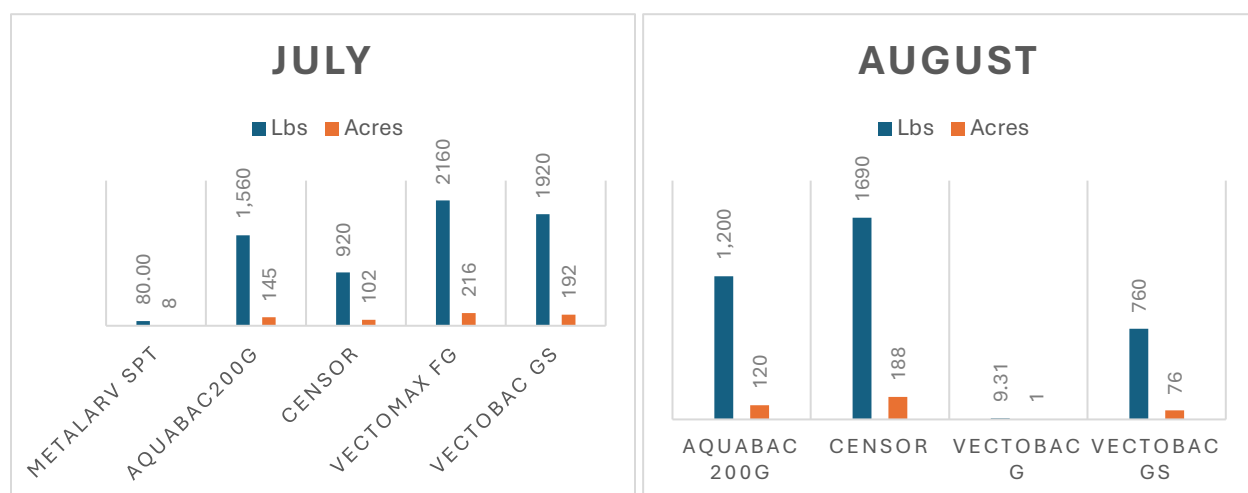
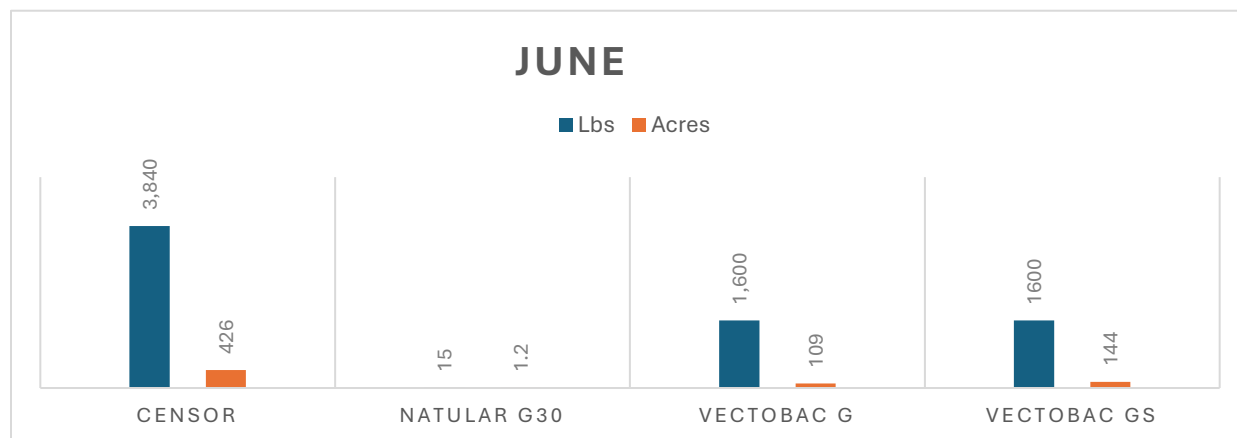


UAS Larvicide Applications: Drone applications were performed responding to mosquito larvae population surrounding Salton Sea shoreline in response to high mosquito adult abundance and virus detections. In the months of June through August the UAS team focused primarily on conducting applications within designated areas in the Salton Sea shoreline. These applications assist in reducing the mosquito larvae abundance in hard to access areas. Treated areas are known sources treated routinely and other new sources.

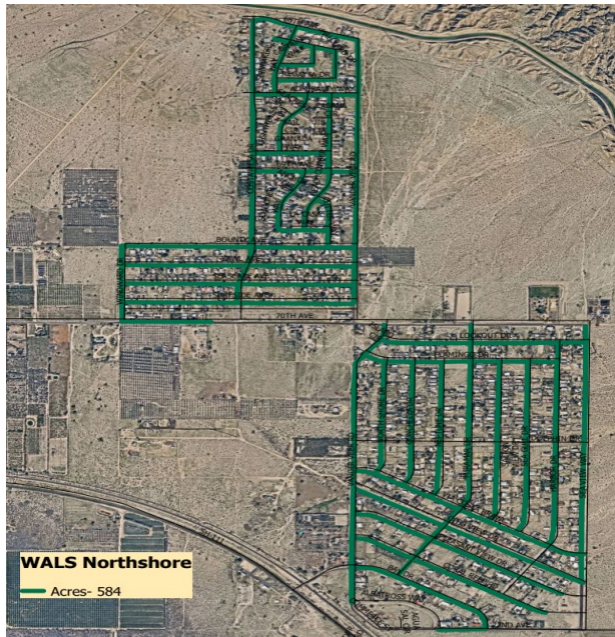
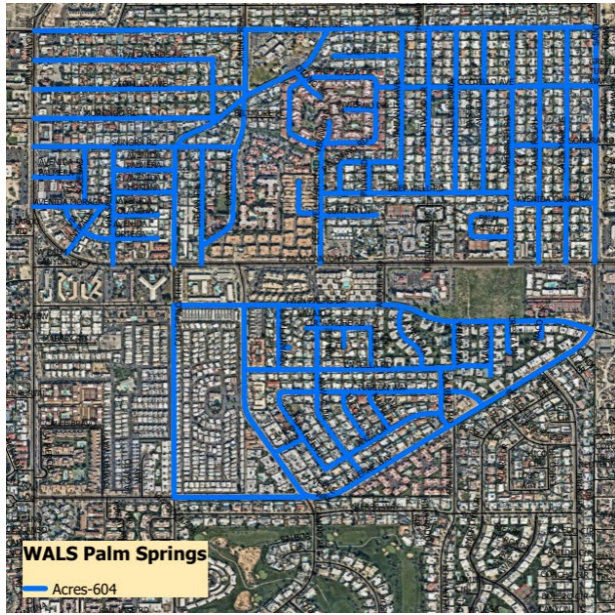
Monthly drone applications- The graph below illustrates the number of acres treated so far for the year in comparison to last year. In 2026 the team treated about 4,047 acres an increase of 30% in comparison to the same time last year. The increase is attributed to having a dedicated team conducting applications on a routine basis and responding to ongoing virus detections in the rural area. The graph below illustrates the comparison of monthly acreage treated by the drone team in 2025 and 2026.



Below is the information on drone larvicide applications done in June through August. Information includes products used, amounts and area covered, during this timeline the team covered about 1,582 acres applying about 15,794lbs. of product.



Ground Larvicide Applications- On June 6th The District commenced the first of eight planned ground larvicide applications in the City of Palm Springs, Desert Hot Springs and Northshore. These efforts are targeting *Aedes aegypti* mosquitoes. Extensive research is done during the planning of the applications, mosquito trap collection data from previous year is used to assist us to determine locations within the Coachella Valley where *aegypti* trap collection was the highest. From June through August. These applications are done starting around 1:00 am. The planned dates are as follows, 6/6, 6/13, 6/18, 6/27, 9/12, 9/19, 9/26, and 10/3. Total acreage amounts to 2,335. In the month of June, the District covered 9,340 acres in four planned applications. Below are the areas within the cities where the applications took place.



Department Background

During the period of June through August 2026, the work of the Public Outreach Department remained aligned with District goals, current project objectives, and the ongoing need to provide timely public health education throughout the Coachella Valley. This quarter reflected continued growth in adult education programming, expanded community partnerships, increased social media reach, and sustained school- and youth-based engagement.



Adult Education and Community Engagement

One of the focuses of our adult and senior outreach programs this quarter was the continued development and expansion of the Lotería de Vectores Program. The program increased in both frequency and scope, with expanded educational content, and new hands-on activities designed to reinforce vector control concepts with adult audiences.



A notable enhancement was the integration of the DIY Fly Trap Workshop, which allows participants to create fly traps using recycled bottles. This practical activity gives residents a tool to help reduce fly populations in their communities while reinforcing the importance of source reduction and prevention. Participating centers are completing the activity through September 25, 2026, with an incentive opportunity to win a full-page LED magnifier. Flyer and presentation materials were also created to support the workshop.



The Adult Education Program also achieved significant growth and recognition. The program is now incorporated into the Desert Recreation District programming and continues to be featured within city-sponsored adult and senior programs in Cathedral City, Indio, Desert Hot Springs, and other partner communities. During this reporting period, staff successfully coordinated and delivered 20 Lotería de Vectores events.

Additional program improvements included the creation and implementation of a Book-It activity tracking and feedback form, as well as the development of an online calendar booking page. These tools streamlined scheduling, improved coordination, and provided valuable participant feedback to support continued program refinement.

Between June and August, the department engaged with 10 different adult groups and organizations, delivering educational presentations and discussions on mosquito and vector awareness. These engagements included presentations for the City of La Quinta, homeowner association groups, the Desert Healthcare Network, and the Center for

Employment Training in Coachella. The department also participated in 12 community outreach opportunities, with a focus on vulnerable and underserved populations.



Outreach Expansion and Community Partnerships

Outreach expansion included new and strengthened partnerships with Hidden Harvest, Baptist Church of Desert Hot Springs, the California Farmworkers Foundation, and Tudor Ranch. These partnerships supported food distribution events, community outreach, and field visits in agricultural areas where mosquito-borne virus activity had been detected. In support of

National Mosquito Awareness Week, enhanced outreach efforts were conducted across multiple communities to distribute educational materials, engage residents directly, and promote practical mosquito prevention strategies.

School Based Education

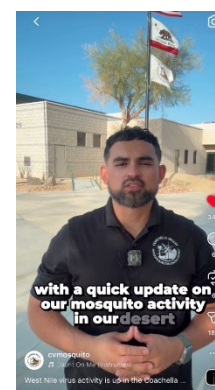


This quarter, the Education Program supported summer learning opportunities through collaborations with the YMCA at The Crossings in Palm Desert, Earhart Elementary, and Carter Elementary. Staff also collaborated with Desert Recreation District summer camps at Indio, Coachella, and Palm Desert locations, continuing to bring science-based vector education to youth in informal learning environments.

Additional education highlights included preparing an enclosure for the department's new outreach buddies, blue death-feigning beetles, which are ready to be incorporated into programming for the 2026-2027 academic year. Staff also attended two Back to School Resource Fair and Backpack Giveaway events hosted by Coachella Valley Unified School District, providing families with public health information and connecting students with District educational resources.

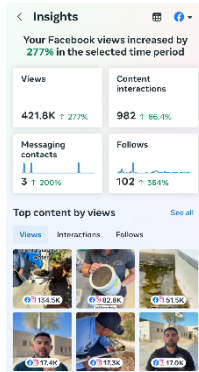
Social Media Growth and Community Reach

This quarter was one of the department's most productive and engaging social media periods to date, marked by record engagement, essential public health messaging, and strong city-level partnerships. Across platforms, content generated more than 716,000 total views, including approximately 421,000 views on Facebook and 295,000 views on Instagram. Indio and Coachella accounted for 28 percent of total viewership, demonstrating strong localized engagement in the East Valley.



Public Outreach Quarterly Report
June 2026-August 2026

Top Performing Content



Top-performing content included a West Nile Virus Update video, which received 16,900 views, 333 likes, 183 shares, and 21 saves, making it one of the most engaging posts in District history. The post was amplified by local agencies and partner cities to help inform and safeguard the community. The World Mosquito Day video published on August 20 also received more than 17,000 views and educated residents on practical steps to eliminate breeding grounds and protect against mosquito-borne risks.

City Partnerships and Broadcast Outreach

City partnership efforts continued through meetings with communications teams in Desert Hot Springs, La Quinta, Palm Desert, and Rancho Mirage to develop collaborative content for future months. Broadcast outreach also expanded through regular placement of a District public service announcement on Rancho Mirage TV, Channel 17, extending public health messaging beyond digital platforms.

Overall Impact

The months of June through August were characterized by program growth, expanded partnerships, increased community engagement, and the development of new educational tools and resources. Through these efforts, the department strengthened the District's outreach presence, increased access to adult education programming, enhanced social media visibility, and created more opportunities for residents to take an active role in vector control and public health protection.



Coachella Valley Mosquito and Vector Control District

Staff Report

October 13, 2026

Agenda Item: Informational

2026 Pathways for Women Conference, August 17-18, 2026, Anaheim, CA

CalPERS hosts the annual Pathways for Women Conference to advance women's leadership and career development across public service, investments, governance, and operations. The program features keynotes, panels, and networking designed to build skills in leadership, financial literacy, wellness, and public-sector impact. CalPERS' event pages describe the conference as a forum that "highlights the power of women in business" and offers expanded learning and connection opportunities. This year's conference was an enlightening experience about self-confidence and managing conflict in the workplace with many tips on better communication.

Attendees:

Abby Torres

Sarah Prendez





Coachella Valley Mosquito and Vector Control District

October 13, 2026

Staff Report

Agenda Item: Informational Item

California Special Districts Association (CSDA) Annual Conference, August 24-27, 2026, Palm Desert, CA

Background:

The annual California Special Districts Association Conference was four days of education on all major areas related to aspects that affect Special Districts.

The conference offered sessions for attendees that provided new information, as well as an update on the basics. Breakout sessions offered included:

- ***The Long Game: Communicating for a Future You May Never See:*** When implementing programs, many agencies consider the immediate impacts. Tiffany Baca and Sarah Wilson discussed developing metrics for programs for long-term value, including revising survey questions and building stories.
- ***From Insight to Influence: Developing Political Acumen:*** Jessica Deakyn and Tasha Tervalon provided insights on how to consider one's network for particular projects with a framework for building habits to influence decisions.
- ***How Special Districts Can Integrate AI Into Their Operations:*** Kevin Benson went over important considerations for agencies when creating an AI usage policy.
- ***Teamwork Makes the Dream Work:*** Roland Williams and Naomi Lue highlighted the importance of team building in addressing workplace challenges such as strained communication, conflict, and ineffective time management. The presenters demonstrated how strengthening teamwork can foster organizational change, improve collaboration, enhance employee satisfaction, and contribute to better overall outcomes.
- ***When is Early Enough? Engaging High School Students in Internships*** Rachel Murphy brought together utilities and partners to offer insights and success stories to help create safe, engaging, and inspiring high school internship programs that cultivate California's future workforce.
- ***The Role of AI in Special Districts: Legal Risks and Governance Solutions*** Gabriella Kamran led a workshop on the rapid expansion of AI in special districts, including associated legal risks, policy considerations, and governance solutions designed to

help agencies adopt AI tools responsibly while safeguarding public trust and operational integrity.

ATTENDEES:

Trustee Bito Larson

Trustee Felipe Ortiz

Jeremy Wittie, General Manager

Andy Ramirez, Assistant General Manager

Greg Alvarado, Operations Manager

Robert Gaona, Public Information Manager

Jennifer A. Henke, Laboratory Manager

Crystal Moreno, Human Resources Risk
Manager

Graciela Morales, Human Resources Specialist

Veronica Montoya, Payroll Administrator

Jessica Duenow, Human Resources Assistant

Strategic Business Plan Alignment:

Goal 2 – Human Resources and District Culture – A strong culture drives the Board of Trustees and staff to unite as a team and continually grow in both skill and purpose



Coachella Valley Mosquito and Vector Control District

Staff Report

October 13, 2026

Agenda Item: Informational

Association of Science and Technology Centers Conference, September 16-19, 2026,
Phoenix, AZ — **Hugo Arcos, Education Specialist**

Background:

The Association of Science and Technology Centers (ASTC) Conference was four full days of bringing together organizations that play key roles in engaging community members with science and technology. ASTC aims to provide members with innovative resources and the opportunity to create key strategies with people in similar roles. ASTC brought together people with various roles, experience, and perspectives, including museum directors, education specialists, science museum CEOs and technology experts.

ASTC offered a variety of workshops and events, including a tour of the Lowell Observatory, a live animal workshop, and LEGO partnership activities. Regardless, each event or workshop provided insightful and useful information that involved knowledgeable presenters and engaging activities that allowed participants to have a more tangible understanding of any programs or ideas being presented. For instance, one session I participated in was "Play It Forward: A Network-Powered Dive into Learning Through Play." This workshop allowed me to realize that "play" goes beyond elementary students and the use of everyday objects like flashlights, erasers and Lego bricks can lead to creative lessons.

In addition, ASTC had an exhibitor hall, which allowed attendees to ask questions and engage with top-notch leaders in the field of technology that cater to educational organizations. For instance, I talked with a company that specializes in making life-size replicas and sculptures, which I found as an interesting way to potentially introduce mosquitoes in school.



**Coachella Valley
Mosquito and Vector
Control District**

October 13, 2026

Staff Report

Agenda Item: Informational Item

Society for Vector Ecology Annual Conference, September 20-24, 2026, Yosemite, CA

Background:

The Society for Vector Ecology conference hosted approximately 160 students, vector control staff, government and academic researchers, and industry workers in Yosemite, California to discuss the recent outbreaks of vector-borne disease. The goals are to share information across the community to improve our ability to respond and to ideally prevent future outbreaks.

We spent time with colleagues from vector control, USDA, CDC, and academia to discuss the re-emergence of New World screwworm in Texas and New Mexico. The USDA's Sterile Insect Technique response has included the construction of a new rearing facility and the release of more than 1 billion sterile male flies since February.

CDC staff and university professors presented recent advancements in preventing vector-borne diseases, as well as on digital tools used to evaluate surveillance and quality control programs. Several talks were particularly interesting, including presentations on the role of plants in tick abundance; evaluation of outreach programs to improve tick checks and submissions; surveillance of ticks on bears; the use of medicated bird feed to help prevent West Nile virus; and factors driving mosquito insecticide resistance in an urban setting. We also appreciated a series of presentations evaluating insecticide resistance assays to determine how to analyze and interpret the work.

ATTENDEES:

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

Kim Hung, Ph.D., Vector Ecologist

Gabriela Perezchica-Harvey, M.S., Vector Ecologist

Strategic Business Plan Alignment:

Goal 2 – Human Resources and District Culture – A strong culture drives the Board of Trustees and staff to unite as a team and continually grow in both skill and purpose

	Coachella Valley Mosquito and Vector Control District Staff Report	October 13, 2026
Agenda Item: Informational Item Staff report from: Municipal Information Systems Association of California (MISAC), September 27-30, 2026, Monterey, CA — Edward Prendez, Information Technology Manager		
Background: The Municipal Information Systems Association of California (MISAC) is a professional organization that brings together IT professionals from local government entities, such as cities, towns, public safety departments, special districts, and other local agencies. MISAC focuses on promoting leadership, education, and access to resources for technology professionals working in local government, with the goal of improving government services through technology. Attending the 2026 MISAC Annual Conference in Monterey provided valuable information that can be applied to the District's technology, security, and operations. The session "No Systems, No Mission: Securing the Connected Infrastructure Behind Local Government" highlighted the importance of protecting the technology systems and networks that support daily local government services. "Operation: Avoiding Procurement Missteps in IT" provided practical guidance on avoiding common IT purchasing issues and improving the planning, purchasing, and management of technology resources. The conference also included Lt. Col. Waldo Waldman's "Never Fly Solo: Collaborative Culture of Courage, Excellence & Trust," which focused on the importance of teamwork, communication, trust, and shared responsibility. The information gained from these sessions will help the District strengthen cybersecurity, improve IT purchasing practices, and promote better collaboration between Information Technology and other District departments. ATTENDEES: <i>Edward Prendez, Information Technology Manager</i>		
Strategic Business Plan Alignment: Goal 2 – Governance and HR – A strong culture supports the Board and staff team that grows in skill, teamwork, and experience.		



Coachella Valley Mosquito and Vector Control District

Staff Report

October 13, 2026

Agenda Item: Informational

California Professional Municipal Clerk (CPMC) Program at University of California, Riverside, September 28-October 2, 2026, Riverside, CA

Background:

As part of my continued professional development in municipal administration and public-sector governance, I attended and successfully completed CPMC 100 of the California Professional Municipal Clerk Program, through the University of California, Riverside (UCR). The California Professional Municipal Clerk Program provides municipal clerks and other public-sector professionals with foundational education concerning the multifaceted responsibilities of the municipal clerk's office. The course provided an opportunity to examine the municipal clerk profession not merely as an administrative function, but as an essential component of transparent, lawful, and effective local government.

Completion of CPMC 100 represents an important step in strengthening professional knowledge and understanding of the statutory, procedural, ethical, and administrative responsibilities associated with municipal clerk operations. The CPMC 100 curriculum provided a comprehensive examination of the municipal clerk's role within the broader framework of local government. One of the most significant lessons reinforced throughout the program was that the municipal clerk serves as a critical institutional link between elected or appointed officials, staff, residents, and the legal and administrative framework governing municipal operations.

The course emphasized the importance of maintaining accurate governmental records, ensuring procedural compliance, supporting legislative bodies, and facilitating public access to government information. These responsibilities require a high degree of attention to detail, institutional knowledge, neutrality, and professional judgment. Among the principal areas of professional development gained through the course were the following:

1. Municipal Governance and the Clerk's Institutional Role

CPMC 100 provided a broader understanding of how the municipal clerk's office contributes to the overall functioning of a municipality. The clerk's responsibilities extend well beyond meeting administration and records management and encompass a wide range of statutory and institutional obligations. The course reinforced the importance of the clerk functioning as a knowledgeable, impartial, and reliable resource for elected or appointed officials, municipal staff, and the public.

2. Legislative Process and Meeting Administration

The program strengthened the understanding of the legislative processes associated with governing bodies, including the preparation, organization, and preservation of official meeting records. Effective agenda administration is fundamental to transparent decision-making. The training reinforced the importance of ensuring that agenda materials are accurate, complete, accessible, and organized in a manner that enables governing bodies to deliberate and take action efficiently and lawfully. This knowledge is particularly applicable to my current responsibilities in preparing and administering municipal agendas, maintaining legislative records, and supporting the orderly conduct of public meetings.

3. Public Records and Records Management

A significant component of the municipal clerk profession is the responsible management and preservation of governmental records. The course emphasized the importance of accurate recordkeeping, retention, accessibility, and institutional continuity. The training reinforced that municipal records are not merely administrative documents; they constitute the historical and legal record of governmental action. Accordingly, records management must be approached systematically and with an understanding of statutory requirements, public transparency, and long-term preservation.

4. Ethics, Professionalism, and Public Trust

CPMC 100 emphasized the professional and ethical responsibilities inherent in serving the public. Municipal clerks occupy a unique position because they routinely interact with elected or appointed officials, department heads, employees, members of the public, applicants, attorneys, and other governmental agencies. Maintaining neutrality, confidentiality when legally required, consistency, and professionalism is therefore essential. The course reinforced the principle that the municipal clerk's credibility is directly connected to public confidence in the governmental process.

5. Legal and Regulatory Compliance

The training provided additional perspective regarding the statutory environment in which municipal clerks operate. Municipal government is governed by an extensive framework of state law, local ordinances, procedural requirements, and administrative policies. The course reinforced the importance of recognizing when a matter requires additional legal

review, identifying applicable statutory requirements, and maintaining procedures that support compliance while allowing the governing body and staff to conduct municipal business effectively.

6. Institutional Knowledge and Continuity of Government

Another important takeaway was the role of the municipal clerk in preserving institutional knowledge. Elected officials, department directors, and municipal employees may change over time; however, the clerk's records provide continuity between administrations and governing bodies. Properly maintained minutes, resolutions, ordinances, agreements, agendas, and other official records allow future officials and staff to understand the history and basis of governmental decisions. This reinforced the importance of maintaining records with both the immediate operational need and the municipality's long-term institutional history in mind.

Participation in the California Professional Municipal Clerk Program – CPMC 100, formerly known as TTC 100, was a valuable professional development opportunity that expanded my understanding of the municipal clerk's role within the broader structure of local government. The program strengthened my knowledge of legislative administration, records management, public transparency, ethics, governmental processes, and the professional responsibilities associated with serving as a municipal clerk. Equally important, the opportunity to network with colleagues from SunLine Transit, the City of Indio, and the City of Indian Wells, established professional relationships that can facilitate the continued exchange of ideas and best practices among public-sector professionals throughout the region. The knowledge and professional relationships gained through this program will be carried forward into my daily responsibilities and will contribute to continued efforts to improve the efficiency, accuracy, transparency, and professionalism of the municipal clerk's office.

Attendee(s):

Megan Scarborough-Eckel, Clerk of the Board





Coachella Valley Mosquito and Vector Control District

October 13, 2026

Staff Report

Agenda Item: Informational

Review the CalPERS Actuarial Valuation Reports – **David I'Anson, Administrative Finance Manager**

Overview:

Annually, CalPERS prepares an actuarial study for each CalPERS member's pension plan/pension pool. The study is as of June 30 for each fiscal year and is finalized and distributed to its members for the preceding fiscal year. In August 2026, CalPERS finalized the June 30, 2025, valuation report determining the minimum required employer contributions for fiscal year (FY) 2027-28. CalPERS offers pooled plans and non-pooled plans, employers with less than 100 active members usually join the pooled plans. There are two pooled plans Safety and Miscellaneous, the District is a member of the Miscellaneous pool. Within the Miscellaneous pool, there are a number of different Benefit Formulas, the District Benefit Formula for Classic, CalPERS members before January 2013 is **2% at 60**, and the District Benefit Formula CalPERS members after January 2013, known as PEPR (California Public Employees' Pension Reform Act) **2% at 62**.

The District's strategic finance goal is to extend its financial planning horizon to ensure long-term stability, financial security, and taxpayer value. In terms of Pension and Other Post Employment Benefits (OPEB) the District takes a proactive approach, reviewing annually the actuarial valuation reports and maintaining a strong funding ratio.

DISTRICT POLICY REGARDING PENSION / OPEB FUNDING

- District goal for CalPERS Classic and PEPR is to have a funding ratio of greater than 90%.
- The District sets aside funds to cover retiree health liabilities in the California Employers Retiree Benefit Trust (CERBT) Fund District goal is to have a funding ratio of greater than 90%.

Attached to this memo, are the June 30, 2025, valuation reports for Classic and PEPR.

Common questions to ask:

- Is the District's plan in good shape?
- What are the District's required contributions?
- Where are the District's required contributions headed?
- How can the District manage our UAL in the future?

Is the District's plan in good shape?

The simple answer –YES. Page 11 of the valuation reports shows the plan-funded status

Classic & PEPPA

	June 30, 2024	June 30, 2025
Present Value of Projected Benefits (PVB)	\$36,668,933	\$41,213,572
Entry Age of Accrued Liability (AL)	27,532,018	30,192,575
Plans Market Value of Assets (MVA)	24,616,105	28,687,034
Unfunded Accrued Liability (UAL)	2,915,913	1,505,541
Funded Ratio	89.4%	95.0%

The Funded Ratio is one indicator of the plan's health, the target ratio is 100%. As of June 30, 2025, the District's Funded Ratio is **95.0%**. The District's funding is high, the reasons for this are because of the Board's proactive intervention in the form of Additional Discretionary Payments (ADP), and the shortening of the amortization period, and investment yield results greater than assumptions. This does not reflect the investment gains of 14.8% from CalPERS for year ending June 30, 2026.

What are the District's required contributions? Page 1

Employer Contribution is comprised of 2 components, Normal Cost Rate (% of Payroll) and Unfunded Accrued Liability (UAL) Amortization Payment (Dollar Payment).

FY 2027-28

	Classic (823)		PEPPA
Employer Normal Cost Rate	11.02%		8.05%
Employer Amortization of Unfunded Accrued Liability	\$537,722		

- FY 2027-28 rates reflect:
 - FY 2024-25 investment return of 11.6%
 - Discount rate 6.8%
 - UAL payment of \$537,722
 - Fresh start – shortened amortization AL be paid off in years rather than 20
 - ADP \$500,000 from July 2024

- FY 2027-28 rates do not reflect:
 - FY 2025-26 investment return of 14.8%

Where are the District's required contributions headed? – Page 13

Rate Plan Identifier	Covered Payroll June 30, 2025	Required Contribution	Projected Future Employer Contributions (Assumes 6.80% Return for Fiscal Year 2025-26 and Beyond)				
		2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
		Normal Cost Rates (Percentage of Payroll)					
823	\$3,464,605	11.02%	11.0%	11.0%	11.0%	11.0%	11.0%
27361	3,194,636	8.05%	8.1%	8.1%	8.1%	8.1%	8.1%
UAL Payment		\$537,722	\$0	\$0	\$0	\$0	\$0

For 2027-28 the UAL is \$537,722 reflecting the shortened amortization, with the normal cost of 11.02 % for Classic and 8.05% for PEPRAs. For future years, the assumption is that CalPERS will achieve an investment rate of rate 6.8%, and in FY 2025-26 the actual rate was 14.8%. The effect of achieving greater investment rate than discount rate will see the UAL and normal cost lower. In FY 2028-29 onwards the UAL is zero.

How can the District manage our UAL in the Future?

- Fresh Start Alternatives
 - Pay off UAL more rapidly
 - Shorter amortization
- Additional Discretionary Payments (ADP)
- Section 115 Trust – District contracts with California Employers Pension Prefunding Trust (CEPPT) current balance \$681,643, for FY 2026-27 \$200,000 contribution is budgeted
- Past District management of UAL -
 - The District paid ADP \$600,000 in 2019-20
 - Fresh Start shortens the amortization period from 20 years down to 5
 - The shortened period raised UAL payment from \$190k to \$357k
 - District paid ADP \$1,000,000 in 2021-22
 - FY23-24 established Section 115 Trust
 - FY24-25 \$500,000 ADP & fresh start – amortization 5 years

Funding History

The table below shows the recent history of the actuarial accrued liability, share of the pool's fair value of assets, unfunded accrued liability, funded ratio and annual covered payroll.

Valuation Date	Accrued Liability	Share of Pool's Fair Value of Assets	Unfunded Accrued Liability (UAL)	Funded Ratio	Annual Covered Payroll
06/30/2016	\$12,641,326	\$10,852,497	\$1,788,829	85.8%	\$3,823,827
06/30/2017	14,084,245	12,462,648	1,621,597	88.5%	4,073,784
06/30/2018	16,062,239	13,928,833	2,133,406	86.7%	4,285,727
06/30/2019	17,612,207	15,258,046	2,354,161	86.6%	4,350,319
06/30/2020	18,041,915	15,857,849	2,184,066	87.9%	4,364,089
06/30/2021	20,424,970	20,620,894	(195,924)	101.0%	4,695,743
06/30/2022	22,497,119	20,637,579	1,859,540	91.7%	5,244,623
06/30/2023	24,932,456	22,542,292	2,390,164	90.4%	5,396,416
06/30/2024	27,532,018	24,616,105	2,915,913	89.4%	5,483,317
06/30/2025	30,192,575	28,687,034	1,505,541	95.0%	6,659,241

Summary

The latest actuarial valuation report shows the District's CalPERS pension funding status as being well funded. This is a result of shortening the amortization periods and additional discretionary payments approved by the Board of Trustees as well the investment returns from CalPERS.

The Normal Cost rate and the District's UAL beyond FY 2027-28 are not exactly known but will be shaped by the economy, the plans return on investments, and the decisions the Board of Trustees make in the near future to manage the UAL. FY25-26 investment yield of 14.8% is higher than the discount rate of 6.8%. This will result in a higher funded ratio. This latest CalPERS report is showing that the District will have zero UAL payments after FY 2027-28.

<https://www.calpers.ca.gov/page/employers/actuarial-resources/public-agency-actuarial-valuation-reports>

Strategic Business Plan Alignment:

Goal 6 FINANCE: Sustained and Transparent Finances that meet District Revenue Needs

OBJECTIVE 6.1: Ensure adequate revenues, cost control, affordability, and overall strong finances without rate shocks or major surprises by maintaining strong financial plans and acting on sound financial decisions.

Attachments:

- CalPERS Valuation dated June 30, 2025



California Public Employees' Retirement System

Actuarial Office

400 Q Street, Sacramento, CA 95811 | Phone: (916) 795-3000 | Fax: (916) 795-2744

888 CalPERS (or 888-225-7377) | TTY: (877) 249-7442 | www.calpers.ca.gov

July 2026

All Rate Plans of the Coachella Valley Mosquito and Vector Control District in the Miscellaneous Risk Pool (CalPERS ID: 2347691176)

Annual Valuation Report as of June 30, 2025

Dear Employer,

Attached to this letter is Section 1 of the June 30, 2025, actuarial valuation report for the plan noted above. **Provided in this report is the determination of the minimum required employer contributions for fiscal year (FY) 2027-28.** In addition, the report contains important information regarding the current financial status of the plan as well as projections and risk measures to aid in planning for the future.

Because this plan is in a risk pool, the following valuation report has been separated into two sections:

- Section 1 contains specific information for the following rate plan(s) including the development of the current and projected employer contributions.
 - 823, Miscellaneous Plan
 - 27361, PEPRA Miscellaneous Plan
- Section 2 contains the Miscellaneous Risk Pool information as of June 30, 2025.

Section 2 can be found on the CalPERS website in the [Forms & Publications](#) section. Search for "Risk Pool" and from the results list download the Miscellaneous Risk Pool Actuarial Valuation Report for June 30, 2025.

Required Contributions

The table below shows the minimum required employer contributions and member contribution rates for FY 2027-28 along with an estimate of the required employer Unfunded Accrued Liability (UAL) contribution for FY 2028-29. **The required employer and member contributions in this report do not reflect any cost sharing arrangement between the agency and the employees.**

Fiscal Year	Rate Plan	Employer Normal Cost Rate	Member Contribution Rate	Fiscal Year	Employer Amortization of Unfunded Accrued Liability
2027-28	823	11.02%	7.00%	2027-28	\$537,722
	27361	8.05%	7.75%		
					<i>Projected (Estimated)</i>
				2028-29	\$0

The actual investment return for FY 2025-26 was not known at the time this report was prepared. The projected UAL payment above assumes the investment return for that year would be 6.8%. To the extent the actual investment return for FY 2025-26 differs from 6.8%, the actual UAL contribution requirement for FY 2028-29 will differ from that shown above. For additional information on future contribution requirements, please refer to [Projected Employer Contributions](#). This section also contains projected required contributions through FY 2032-33.

Changes from Previous Year's Valuations

On November 19, 2025, the CalPERS Board of Administration (board) adopted new actuarial assumptions based on the recommendations in the *November 2025 CalPERS Experience Study and Review of Actuarial Assumptions*. This study reviewed the retirement rates, termination rates, mortality rates, rates of salary increase, the inflation assumption, and various other assumptions for public agencies. These new assumptions are incorporated in this actuarial valuation and impact the required contributions for FY 2027-28.

In addition, the board adopted changes to the CalPERS Total Fund Investment Policy, which provides the framework for the management of CalPERS assets. The board adopted a discount rate of 6.80%, which is unchanged from the prior year's valuation, and an increase in the price inflation assumption from 2.30% to 2.50% per year.

Besides the above-noted changes, there may also be changes specific to the plan such as contract amendments and funding changes such as additional discretionary payments and amortization schedule fresh starts.

A consolidated plan identifier has been added to the cover page of the report. As a result of the combination of some or all of the employer's rate plans in the Miscellaneous Risk Pool effective with the prior year's valuation, there is now one consolidated UAL value and actuarial valuation report for the group of component rate plans. This single identifier, set equal to the identifier of the component rate plan to which the UAL is attached, is intended to make it easier to identify a specific group of rate plans, the associated UAL, and the actuarial report.

PEPRA Member Contribution Rate

The employee contribution rate for PEPRA members can change based on the results of the actuarial valuation. See [Member Contribution Rates](#) for more information.

Report Navigation Features

The valuation report has a number of features to ease navigation and allow the reader to find specific information more quickly. The tables of contents are "clickable." This is true for the main table of contents that follows the title page and the intermediate tables of contents at the beginning of sections. The Adobe navigation pane on the left can also be used to skip to specific exhibits.

There are a number of links throughout the document in blue text. Links that are internal to the document are not underlined, while underlined links will take you to the CalPERS website. Examples are shown below.

Internal Bookmarks

[Required Employer Contributions](#)
[Member Contribution Rates](#)
[Summary of Key Valuation Results](#)
[Funded Status – Funding Policy Basis](#)
[Projected Employer Contributions](#)

CalPERS Website Links

[Required Employer Contribution Search Tool](#)
[Public Agency PEPRA Member Contribution Rates](#)
[Pension Outlook Overview](#)
[Interactive Summary of Public Agency Valuation Results](#)
[Public Agency Actuarial Valuation Reports](#)

Questions

A CalPERS actuary is available to answer questions about this report. Other questions may be directed to the Customer Contact Center at **888 CalPERS** (or 888-225-7377).

Sincerely,



Randall Dziubek, ASA, MAAA
Deputy Chief Actuary, Valuation Services, CalPERS



Fritzie Dorais, ASA, MAAA
Deputy Chief Actuary, Special Programs, CalPERS



Scott Terando, ASA, EA, MAAA, FCA, CFA
Chief Actuary, CalPERS



Kurt Schneider, MPA, ASA, EA, MAAA
Supervising Actuary, CalPERS

California Public Employees' Retirement System

Actuarial Valuation for the Rate Plans of the Coachella Valley Mosquito and Vector Control District in the Miscellaneous Risk Pool as of June 30, 2025

Consolidated Plan ID: 27361

(CalPERS ID: 2347691176)

(Rate Plan IDs: 823, 27361)

Required Contributions for Fiscal Year

July 1, 2027 — June 30, 2028

Table of Contents

Section 1 – Employer Specific Information

Actuarial Certification.....	1
Highlights and Executive Summary	2
Introduction	3
Purpose of Section 1	3
Summary of Key Valuation Results	4
Changes Since the Prior Year's Valuation	5
Subsequent Events	5
Liabilities and Contributions.....	6
Determination of Required Contributions	7
Required Employer Contributions	8
Member Contribution Rates	9
Breakdown of Entry Age Accrued Liability.....	10
Allocation of Plan's Share of Pool's Experience	10
Development of the Plan's Share of Pool's Assets	10
Funded Status – Funding Policy Basis	11
Additional Employer Contributions	12
Projected Employer Contributions	13
Schedule of Amortization Bases	14
Amortization Schedule and Alternatives	15
Employer Contribution History.....	17
Funding History	17
Risk Analysis.....	18
Future Investment Return Scenarios.....	19
Discount Rate Sensitivity.....	20
Mortality Rate Sensitivity	21
Maturity Measures.....	21
Maturity Measures History.....	22
Funded Status – Termination Basis	23
Funded Status – Low-Default-Risk Basis	24
Supplementary Information	25
Normal Cost by Benefit Group	26
Summary of Valuation Data	27
Status of PEPPRA Transition	28
Surcharge for Class 1 Benefits.....	28
Plan's Major Benefit Options	29

Section 2 – Miscellaneous Risk Pool Actuarial Information

Section 2 may be found on the CalPERS website in the [Forms & Publications](#) section.

Section 1

California Public Employees' Retirement System

Employer Specific Information for the Rate Plans of the Coachella Valley Mosquito and Vector Control District in the Miscellaneous Risk Pool

(CalPERS ID: 2347691176)
(Rate Plan IDs: 823, 27361)

Actuarial Certification

It is our opinion that the valuation has been performed in accordance with generally accepted actuarial principles as well as the applicable Standards of Practice promulgated by the Actuarial Standards Board. While this report, consisting of Section 1 and Section 2, is intended to be complete, our office is available to answer questions as needed. All of the undersigned are actuaries who satisfy the *Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States* of the American Academy of Actuaries with regard to pensions. The actuaries responsible for this report and their respective responsibilities are as follows.

Actuarial Methods and Assumptions

It is our opinion that the assumptions and methods, as recommended by the Chief Actuary and adopted by the CalPERS Board of Administration, are internally consistent and reasonable for this plan.



Randall Dziubek, ASA, MAAA
Deputy Chief Actuary, Valuation Services, CalPERS



Fritzie Dorais, ASA, MAAA
Deputy Chief Actuary, Special Programs, CalPERS



Scott Terando, ASA, EA, MAAA, FCA, CFA
Chief Actuary, CalPERS

Actuarial Data and Rate Plan Results

The assumptions and methods in this report are the responsibility of the CalPERS Chief Actuary and Deputy Chief Actuaries named above. These were established pursuant to their responsibility for setting actuarial policy and are relied upon without independent assessment of the reasonableness of the assumptions and methods, as such an evaluation would have required substantial additional work beyond the scope of this assignment. To the best of my knowledge and having relied upon the information in Section 2 of this report, this report is complete and accurate and contains sufficient information to disclose, fully and fairly, the funded condition of the rate plans of the Coachella Valley Mosquito and Vector Control District in the Miscellaneous Risk Pool and satisfies the actuarial valuation requirements of Government Code section 7504. This valuation and related validation work was performed by the CalPERS Actuarial Office. The valuation was based on the member and financial data as of June 30, 2025, provided by the various CalPERS databases and the benefits under this plan with CalPERS as of the date this report was produced. Section 1 of this report is based on the member and financial data for Coachella Valley Mosquito and Vector Control District, while Section 2 is based on the corresponding information for all agencies participating in the Miscellaneous Risk Pool to which the plan belongs.



Kurt Schneider, MPA, ASA, EA, MAAA
Supervising Actuary, CalPERS

Highlights and Executive Summary

• Introduction	3
• Purpose of Section 1	3
• Summary of Key Valuation Results	4
• Changes Since the Prior Year's Valuation	5
• Subsequent Events	5

Introduction

This report presents the results of the June 30, 2025, actuarial valuation of the rate plans of the Coachella Valley Mosquito and Vector Control District in the Miscellaneous Risk Pool of the California Public Employees' Retirement System (CalPERS). This actuarial valuation sets the minimum required contributions for fiscal year (FY) 2027-28.

Purpose of Section 1

This Section 1 report for rate plans of the Coachella Valley Mosquito and Vector Control District in the Miscellaneous Risk Pool of CalPERS was prepared by the Actuarial Office using data as of June 30, 2025. This report contains actuarial information for the following rate plan(s).

- 823, Miscellaneous Plan
- 27361, PEPRA Miscellaneous Plan

The purpose of the valuation is to:

- Set forth the assets and accrued liabilities of these rate plans as of June 30, 2025;
- Determine the minimum required employer contributions for these rate plans for FY July 1, 2027, through June 30, 2028;
- Determine the required member contribution rate for FY July 1, 2027, through June 30, 2028, for employees subject to the California Public Employees' Pension Reform Act of 2013 (PEPRA); and
- Provide actuarial information as of June 30, 2025, to the CalPERS Board of Administration (board) and other interested parties.

The pension funding information presented in this report should not be used in financial reports subject to Governmental Accounting Standards Board (GASB) Statement No. 68 for a Cost Sharing Employer Defined Benefit Pension Plan. A separate accounting valuation report for such purposes is available on the CalPERS website (www.calpers.ca.gov).

The measurements shown in this actuarial valuation may not be applicable for other purposes. The agency should contact a CalPERS actuary before disseminating any portion of this report for any reason that is not explicitly described above.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; changes in actuarial policies; changes in plan provisions or applicable law; and differences between the required contributions determined by the valuation and the actual contributions made by the agency.

Assessment and Disclosure of Risk

This report includes the following risk disclosures consistent with the guidance of the Actuarial Standards of Practice:

- A "Scenario Test," projecting future results under different investment income returns.
- A "Sensitivity Analysis," showing the impact on current valuation results using alternative discount rates of 5.8% and 7.8%.
- A "Sensitivity Analysis," showing the impact on current valuation results assuming rates of mortality are 10% lower or 10% higher than our current post-retirement mortality assumptions adopted in 2025.
- Plan maturity measures indicating how sensitive a plan may be to the risks noted above.
- The funded status on a termination basis.
- A low-default-risk obligation measure (LDROM) of benefit costs accrued as of the valuation date.

Summary of Key Valuation Results

Below is a brief summary of key valuation results along with page references where more detailed information can be found.

Required Employer Contributions — page 8

	Fiscal Year 2026-27	Fiscal Year 2027-28
Employer Normal Cost Rates		
Rate Plan 823	10.75%	11.02%
Rate Plan 27361	7.93%	8.05%
Unfunded Accrued Liability (UAL) Contribution Amount	\$659,263	\$537,722
Paid either as		
Option 1) 12 Monthly Payments of	\$54,938.58	\$44,810.17
Option 2) Annual Prepayment in July	\$637,930	\$520,322

Member Contribution Rates — page 9

	Fiscal Year 2026-27	Fiscal Year 2027-28
Rate Plan 823	7.00%	7.00%
Rate Plan 27361	7.75%	7.75%

Projected Employer Contributions — page 13

Fiscal Year	Normal Cost (% of payroll)		Annual UAL Payment
	Rate Plan 823	Rate Plan 27361	
2028-29	11.0%	8.1%	\$0
2029-30	11.0%	8.1%	\$0
2030-31	11.0%	8.1%	\$0
2031-32	11.0%	8.1%	\$0
2032-33	11.0%	8.1%	\$0

Funded Status — Funding Policy Basis — page 11

	June 30, 2024	June 30, 2025
Entry Age Accrued Liability (AL)	\$27,532,018	\$30,192,575
Fair Value of Assets (Assets)	24,616,105	28,687,034
Unfunded Accrued Liability (UAL) [AL – Assets]	\$2,915,913	\$1,505,541
Funded Ratio [Assets ÷ AL]	89.4%	95.0%

Summary of Valuation Data — page 27

	June 30, 2024	June 30, 2025
Active Member Count	65	71
Annual Covered Payroll	\$5,483,317	\$6,659,241
Transferred Member Count	9	9
Separated Member Count	40	42
Retired Members and Beneficiaries Count	36	35

Changes Since the Prior Year's Valuation

Investment Policy and Discount Rate

On November 19, 2025, the board adopted changes to the CalPERS Total Fund Investment Policy, which provides the framework for the management of CalPERS assets. Consistent with that policy, the board also adopted a discount rate of 6.80% for use in this valuation, which is unchanged from the prior year's valuation.

Actuarial Methods and Other Assumptions

On November 19, 2025, the board adopted new actuarial assumptions based on the recommendations in the *November 2025 CalPERS Experience Study and Review of Actuarial Assumptions*. This study assessed various assumptions including retirement rates, termination rates, mortality rates, rates of salary increase, and inflation. New assumptions stemming from the study are incorporated in this actuarial valuation and affect required contributions for fiscal year 2027-28. Among the changes were an increase in the price inflation assumption from 2.30% to 2.50% per year and an increase in the wage inflation assumption from 2.80% to 3.00% per year.

Plan Assets

Plan assets are measured at fair value. In the prior year's actuarial valuation report the term Market Value of Assets was used to describe the asset value used for funding purposes. The Actuarial Office has used this term interchangeably with Fair Value of Assets. Effective with the June 30, 2025, valuation, CalPERS will exclusively use the term Fair Value of Assets in actuarial reports. This is a change in terminology and does not represent any change in methodology.

Benefits

The standard actuarial practice at CalPERS is to recognize mandated legislative benefit changes in the first annual valuation following the effective date of the legislation. For pooled rate plans, voluntary benefit changes by plan amendment are generally included in the first valuation with a valuation date on or after the effective date of the amendment.

Please refer to the [Plan's Major Benefit Options](#) in this report and Appendix B of the Section 2 Report for a summary of the plan provisions used in this valuation.

Plan Identification

A consolidated plan identifier has been added to the cover page of the report. As a result of the combination of some or all of the employer's rate plans in the Miscellaneous Risk Pool effective with the prior year's valuation, there is now one consolidated Unfunded Accrued Liability (UAL) value and actuarial valuation report for the group of component rate plans. This single identifier, set equal to the identifier of the component rate plan to which the UAL is attached, is intended to make it easier to identify a specific group of rate plans, the associated UAL, and the actuarial report.

Amendments to Regulations Regarding Participation in Risk Pools

On September 17, 2025, the board approved amendments to pooling regulations, which were endorsed by the Office of Administrative Law on May 12, 2026. Beginning with the June 30, 2026, actuarial valuation, it will be possible for pooled plans to be removed from the risk pool and become non-pooled plans. The general rule is that if an employer sponsors a pooled plan with at least 150 but less than 200 active members as of the valuation date, the employer may elect to remove that plan from the risk pool. If the plan has at least 200 active members, the plan will be automatically removed. More information can be found in [Regulatory Actions](#) on the CalPERS website under the heading Participation in Risk Pools.

Subsequent Events

This actuarial valuation report reflects fund investment return through June 30, 2025, as well as statutory changes, regulatory changes and board actions through January 2026.

The 2025 annual benefit limit under Internal Revenue Code (IRC) section 415(b) and annual compensation limits under IRC section 401(a)(17) and Government Code section 7522.10 were used for this valuation and are assumed to increase 2.5% per year based on the price inflation assumption. The actual 2026 limits, determined in October 2025, are not reflected.

To the best of our knowledge, there have been no subsequent events that could materially affect current or future certifications rendered in this report.

Liabilities and Contributions

• Determination of Required Contributions	7
• Required Employer Contributions	8
• Member Contribution Rates	9
• Breakdown of Entry Age Accrued Liability	10
• Allocation of Plan's Share of Pool's Experience	10
• Development of the Plan's Share of Pool's Assets	10
• Funded Status – Funding Policy Basis	11
• Additional Employer Contributions	12
• Projected Employer Contributions	13
• Schedule of Amortization Bases	14
• Amortization Schedule and Alternatives	15
• Employer Contribution History	17
• Funding History	17

Determination of Required Contributions

Contributions to fund the plan are determined by an actuarial valuation performed each year. The valuation employs complex calculations based on a set of actuarial assumptions and methods. See Appendix A in Section 2 for information on the assumptions and methods used in this valuation. The valuation incorporates all plan experience through the valuation date and sets required contributions for the fiscal year that begins two years after the valuation date.

Contribution Components

Two components comprise required contributions:

- Normal Cost — expressed as a percentage of pensionable payroll
- Unfunded Accrued Liability (UAL) Contribution — expressed as a dollar amount

Normal Cost represents the value of benefits allocated to the upcoming year for active employees. If all plan experience exactly matched the actuarial assumptions, normal cost would be sufficient to fully fund all benefits. The employer and employees each pay a share of the normal cost with contributions payable as part of the regular payroll reporting process. The contribution rate for Classic members is set by statute based on benefit formula whereas for PEPRA members it is based on 50% of the total normal cost.

When plan experience differs from the actuarial assumptions, UAL emerges. The new UAL may be positive or negative. If the total UAL is positive (i.e., accrued liability exceeds assets), the employer is required to make contributions to pay off the UAL over time. This is called the UAL Contribution component. There is an option to prepay this amount during July of each fiscal year, otherwise it is paid monthly.

In measuring the UAL each year, plan experience is split by source. Common sources of UAL include investment experience different than expected, non-investment experience different than expected, assumption changes and benefit changes. Each source of UAL (positive or negative) forms a base that is amortized, or paid off, over a specified period of time in accordance with the CalPERS [Actuarial Amortization Policy](#). The UAL Contribution is the sum of the payments on all bases. See the [Schedule of Amortization Bases](#) section of this report for an inventory of existing bases and Appendix A in Section 2 for more information on the amortization policy.

Required Employer Contributions

The required employer contributions in this report do not reflect any cost sharing arrangement between the agency and the employees. For employee contribution rates, see [Member Contribution Rates](#).

Required Employer Contributions	Fiscal Year 2027-28
Employer Normal Cost Rate	
Classic Rate Plan 823	11.02%
PEPRA Rate Plan 27361	8.05%
Plus	
Unfunded Accrued Liability (UAL) Contribution Amount[†]	\$537,722
<i>Paid either as</i>	
1) Monthly Payment	\$44,810.17
<i>Or</i>	
2) Annual Prepayment Option[‡]	\$520,322

The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll and paid as payroll is reported) and the Unfunded Accrued Liability (UAL) Contribution Amount (billed monthly (1) or prepaid annually (2) in dollars).

[†]The required UAL contribution does not take into account any additional discretionary payment made after April 30, 2026.

[‡]Only the UAL portion of the employer contribution can be prepaid (**which must be received in full no later than July 31**).

Development of Normal Cost as a Percentage of Payroll

	Fiscal Year 2026-27	Fiscal Year 2027-28
Classic Rate Plan 823		
Base Total Normal Cost for Formula	17.12%	17.35%
Surcharge for Class 1 Benefits ¹	0.57%	0.61%
Plan's Total Normal Cost	17.69%	17.96%
Offset Due to Employee Contributions ²	(6.94%)	(6.94%)
Employer Normal Cost for Rate Plan 823	10.75%	11.02%
PEPRA Rate Plan 27361		
Base Total Normal Cost for Formula	15.68%	15.80%
Surcharge for Class 1 Benefits ¹	0.00%	0.00%
Plan's Total Normal Cost	15.68%	15.80%
Offset Due to Employee Contributions ²	(7.75%)	(7.75%)
Employer Normal Cost for Rate Plan 27361	7.93%	8.05%

¹ See [Surcharge for Class 1 Benefits](#) in the supplementary information section of this report.

² This is the expected employee contributions, taking into account individual benefit formula and any offset from the use of a modified formula, divided by projected annual payroll. For member contribution rates above the breakpoint for each benefit formula, see [Member Contribution Rates](#).

Member Contribution Rates

The required member contributions in this report do not reflect any cost sharing arrangement between the agency and the employees.

Classic Members

Each member contributes toward their retirement based upon the retirement formula. The standard Classic member contribution rate above the breakpoint, if any, is as described below.

Benefit Formula	Percent Contributed above the Breakpoint
Miscellaneous, 1.5% at age 65	2%
Miscellaneous, 2% at age 60	7%
Miscellaneous, 2% at age 55	7%
Miscellaneous, 2.5% at age 55	8%
Miscellaneous, 2.7% at age 55	8%
Miscellaneous, 3% at age 60	8%

Auxiliary organizations of the CSU system may elect reduced contribution rates for Miscellaneous members, in which case the contribution rate above the breakpoint is 6% if members are not covered by Social Security and 5% if they are.

PEPRA Members

The California Public Employees' Pension Reform Act of 2013 (PEPRA) established new benefit formulas, final compensation period, and contribution requirements for "new" employees (generally those first hired into a CalPERS-covered position on or after January 1, 2013). In accordance with Government Code Section 7522.30(b), "new members ... shall have an initial contribution rate of at least 50% of the normal cost rate." The normal cost rate for the plan is dependent on the benefit levels, actuarial assumptions and demographics of the risk pool, particularly members' entry age. Should the total normal cost rate of the plan change by more than 1% from the base total normal cost rate established for the plan, the new member rate shall be 50% of the new normal cost rate rounded to the nearest quarter percent.

The table below shows the determination of the PEPRA member contribution rates effective July 1, 2027, based on 50% of the total normal cost rate as of the June 30, 2025, valuation.

Rate Plan Identifier	Benefit Group Name	Basis for Current Rate		Rates Effective July 1, 2027			
		Total Normal Cost	Member Rate	Total Normal Cost	Change in Normal Cost	Adj. Needed	Member Rate
27361	PEPRA Miscellaneous Plan	15.43%	7.75%	15.80%	0.37%	No	7.75%

Breakdown of Entry Age Accrued Liability

Active Members	\$16,899,277
Transferred Members	199,378
Separated Members	1,121,621
Members and Beneficiaries Receiving Payments	<u>11,972,299</u>
Total	\$30,192,575

Allocation of Plan's Share of Pool's Experience

It is the policy of CalPERS to ensure equity within the risk pools by allocating the pool's experience gains/losses and assumption changes in a manner that treats each employer equitably and maintains benefit security for the members of the System while minimizing substantial variations in employer contributions. The pool's experience gains/losses and impact of assumption/method changes is allocated to the plan as follows:

1. Plan's Accrued Liability	\$30,192,575
2. Projected UAL Balance at 6/30/2025	2,511,372
3. Other UAL Adjustments (Golden Handshake, Prior Service Purchase, etc.)	0
4. Adjusted UAL Balance at 6/30/2025 for Asset Share	2,523,415
5. Pool's Accrued Liability ¹	26,128,329,326
6. Sum of Pool's Individual Plan UAL Balances at 6/30/2025 ¹	5,408,106,113
7. Pool's 2024-25 Investment (Gain)/Loss ¹	(1,023,922,845)
8. Pool's 2024-25 Non-Investment (Gain)/Loss ¹	254,352,784
9. Plan's Share of Pool's Investment (Gain)/Loss: $[(1) - (4)] \div [(5) - (6)] \times (7)$	(1,367,316)
10. Plan's Share of Pool's Non-Investment (Gain)/Loss: $(1) \div (5) \times (8)$	293,917
11. Plan's New (Gain)/Loss as of 6/30/2025: $(9) + (10)$	(1,073,399)
12. Increase in Pool's Accrued Liability due to Change in Assumptions ¹	58,472,717
13. Plan's Share of Pool's Change in Assumptions: $(1) \div (5) \times (12)$	67,568
14. Increase in Pool's Accrued Liability due to Funding Risk Mitigation ¹	0
15. Plan's Share of Pool's Change due to Funding Risk Mitigation: $(1) \div (5) \times (14)$	0
16. Offset due to Funding Risk Mitigation	0
17. Plan's Investment (Gain)/Loss: $(9) - (16)$	(1,367,316)

¹ Does not include plans that transferred to the pool on the valuation date.

Development of the Plan's Share of Pool's Assets

18. Plan's UAL: $(2) + (3) + (11) + (13) + (15)$	\$1,505,541
19. Plan's Share of Pool's Fair Value of Assets: $(1) - (18)$	\$28,687,034

For a reconciliation of the pool's Fair Value of Assets, information on the fund's asset allocation and a history of CalPERS investment returns, see [Section 2](#), which can be found on the CalPERS website (www.calpers.ca.gov).

Funded Status – Funding Policy Basis

The table below provides information on the current funded status of the plan under the funding policy. The funded status for this purpose is based on the fair value of assets relative to the funding target produced by the entry age actuarial cost method and actuarial assumptions adopted by the board. The actuarial cost method allocates the total expected cost of a member's projected benefit (**Present Value of Benefits**) to individual years of service (the **Normal Cost**). The value of the projected benefit that is not allocated to future service is referred to as the **Accrued Liability** and is the plan's funding target on the valuation date. The **Unfunded Accrued Liability** (UAL) equals the funding target minus the assets. The UAL is an absolute measure of funded status and can be viewed as employer debt. The **Funded Ratio** equals the assets divided by the funding target. The funded ratio is a relative measure of the funded status and allows for comparisons between plans of different sizes.

	June 30, 2024	June 30, 2025
1. Present Value of Benefits	\$36,668,933	\$41,213,572
2. Entry Age Accrued Liability	27,532,018	30,192,575
3. Fair Value of Assets	24,616,105	28,687,034
4. Unfunded Accrued Liability (UAL) [(2) – (3)]	\$2,915,913	\$1,505,541
5. Funded Ratio [(3) ÷ (2)]	89.4%	95.0%

A funded ratio of 100% (UAL of \$0) implies that the funding of the plan is on target and that future contributions equal to the normal cost of the active plan members will be sufficient to fully fund all retirement benefits if future experience matches the actuarial assumptions. A funded ratio of less than 100% (positive UAL) implies that in addition to normal costs, payments toward the UAL will be required. Plans with a funded ratio greater than 100% have a negative UAL (or surplus) but are required under current law to continue contributing the normal cost in most cases, preserving the surplus for future contingencies.

Calculations for the funding target reflect the expected long-term investment return of 6.8%. If it were known on the valuation date that future investment returns will average something greater/less than the expected return, calculated normal costs and accrued liabilities provided in this report would be less/greater than the results shown. Therefore, for example, if actual average future returns are less than the expected return, calculated normal costs and UAL contributions will not be sufficient to fully fund all retirement benefits. Under this scenario, required future normal cost contributions will need to increase from those provided in this report, and the plan will develop unfunded liabilities that will also add to required future contributions. For illustrative purposes, funded statuses based on a 1% lower and higher average future investment return (discount rate) are as follows:

	1% Lower Average Return	Current Assumption	1% Higher Average Return
Discount Rate	5.8%	6.8%	7.8%
1. Entry Age Accrued Liability	\$35,204,629	\$30,192,575	\$26,124,009
2. Fair Value of Assets	28,687,034	28,687,034	28,687,034
3. Unfunded Accrued Liability (UAL) [(1) – (2)]	\$6,517,595	\$1,505,541	(\$2,563,025)
4. Funded Ratio [(2) ÷ (1)]	81.5%	95.0%	109.8%

The [Risk Analysis](#) section of the report provides additional information regarding the sensitivity of valuation results to the expected investment return and other factors. Also provided in that section are measures of funded status that are appropriate for assessing the sufficiency of plan assets to cover estimated termination liabilities.

Additional Employer Contributions

The CalPERS amortization policy provides a systematic methodology for paying down a plan's unfunded accrued liability (UAL) over a reasonable period of years. The projected schedule of required payments for this plan under the amortization policy is provided in [Amortization Schedule and Alternatives](#). Certain aspects of the policy such as 1) layered amortization bases (positive and negative) with different remaining payoff periods, and 2) the phase-in of required payments toward investment gains and losses, can result in volatility in year-to-year projected UAL payments. Provided below is information on how an Additional Discretionary Payment (ADP), together with your required UAL payment of \$537,722 for FY 2027-28, may better accomplish your agency's specific objectives with regard to either smoothing out projected future payments or achieving a greater reduction in UAL than would otherwise occur when making only the minimum required payment. Such additional payments are allowed at any time and can also result in significant long-term savings.

Fiscal Year 2027-28 Employer Contribution Versus Agency Funding Objectives

The interest-to-payment ratio for the FY 2027-28 minimum required UAL payment is 3%, which means the required payment of \$537,722 includes \$17,400 of interest cost and results in a \$520,322 reduction in the UAL, as can be seen in [Amortization Schedule and Alternatives](#) (see columns labelled Current Amortization Schedule). If the interest-to-payment ratio is close to 100%, and the reduction in the UAL is small, it may indicate that required contributions will be increasing in the coming years, which would be shown in [Projected Employer Contributions](#). An alternative metric that provides similar information about the FY 2027-28 required UAL payment is the number of years it would take that payment, if held constant, to pay off the existing UAL (note: actual required UAL payments will vary each year). An annual payment of \$537,722 would pay off the current UAL in 1.0 years (ignoring any unexpected changes in UAL occurring after June 30, 2025). If the agency would like their FY 2027-28 payment toward the UAL to be consistent with a faster pace for reaching 100% funded, an ADP can be added to the required minimum payment.

Provided below are select ADP options for consideration. Making such an ADP during FY 2027-28 does not require an ADP be made in any future year, nor does it change the remaining amortization period of any portion of unfunded liability. For information on permanent changes to amortization periods, see [Amortization Schedule and Alternatives](#). Agencies considering making an ADP should contact CalPERS for additional information.

Fiscal Year 2027-28 Employer Contributions — Illustrative Scenarios

If the Annual UAL Payment Each Year Were...	The Current UAL Would be Paid Off in...	This Would Require an ADP ¹ in FY 2027-28 of...	Plus the Estimated Normal Cost of...	Estimated Total Contribution
\$537,722	1.0 years	\$0	\$689,501	\$1,227,223
122,138	5 years	N/A	689,501	811,639

¹ The ADP amounts are assumed to be made in the middle of the fiscal year. A payment made earlier or later in the fiscal year would have to be less or more than the amount shown to have the same effect on the UAL amortization.

The calculations above are based on the projected UAL as of June 30, 2027, as determined in the June 30, 2025, actuarial valuation. New unfunded liabilities can emerge in future years due to assumption or method changes, changes in plan provisions, and actuarial experience different than assumed. Making an ADP illustrated above for the indicated number of years will not result in a plan that is exactly 100% funded in the indicated number of years. Valuation results will vary from one year to the next and can diverge significantly from projections over a period of several years.

Additional Discretionary Payment History

The following table provides a recent history of actual ADPs made to the plan through April 30, 2026.

Fiscal Year	ADP	Fiscal Year	ADP
2019-20	\$599,973	2023-24	\$0
2020-21	0	2024-25	500,000
2021-22	1,000,000	2025-26	0
2022-23	0		

Projected Employer Contributions

The table below shows the required and projected employer contributions (before cost sharing) for the next six fiscal years. The projection assumes that all actuarial assumptions will be realized and that no further changes to assumptions, contributions, benefits, or funding will occur during the projection period. In particular, the investment return beginning with FY 2025-26 is assumed to be 6.80% per year, net of investment and administrative expenses. Future contribution requirements may differ significantly from those shown below. The actual long-term cost of the plan will depend on the actual benefits and expenses paid and the actual investment experience of the fund.

The normal cost rates for each rate plan are assumed to remain constant. The employer normal cost rate for pooled plans is relatively constant from year to year when there are no assumption changes. Beginning with the June 30, 2026, actuarial valuation, it will be possible for pooled plans to be removed from the risk pool, in which case the employer normal cost would be based only on the members of that plan and will be different than the projections below. Plans with at least 200 active members on a valuation date will be automatically removed from the risk pool.

If the normal cost rates do remain constant, the employer contribution amounts will vary due to changes in payroll. The actuarial valuation does not include payroll beyond the valuation date. For the most realistic projections, the employer should apply projected payroll amounts to the rates below based on the most recent information available, such as current payroll as well as any plans to fill vacancies or add or remove positions.

Rate Plan Identifier	Covered Payroll June 30, 2025	Required Contribution	Projected Future Employer Contributions (Assumes 6.80% Return for Fiscal Year 2025-26 and Beyond)				
		2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
		Normal Cost Rates (Percentage of Payroll)					
823	\$3,464,605	11.02%	11.0%	11.0%	11.0%	11.0%	11.0%
27361	3,194,636	8.05%	8.1%	8.1%	8.1%	8.1%	8.1%
UAL Payment		\$537,722	\$0	\$0	\$0	\$0	\$0

Unlike the normal cost rates, the required UAL payments are expected to vary significantly from the projections above due to experience, particularly investment experience. For projected contributions under alternate investment return scenarios, please see the [Future Investment Return Scenarios](#) exhibit. Our online pension plan projection tool, [Pension Outlook](#), is available in the Employers section of the CalPERS website. Pension Outlook can help plan and budget pension costs under various scenarios.

For ongoing plans, investment gains and losses are amortized using an initial 5-year ramp. For more information, please see Amortization of Unfunded Actuarial Accrued Liability in Appendix A of the Section 2 Report. This method phases in the impact of the change in UAL over a 5-year period in order to reduce employer cost volatility from year to year. As a result of this methodology, dramatic changes in the required employer contributions in any one year are less likely. However, required contributions can change gradually and significantly over the next five years. In years when there is a large investment loss, the relatively small amortization payments during the initial ramp period could result in contributions that are less than interest on the UAL (i.e. negative amortization) while the contribution impact of the increase in the UAL is phased in.

Schedule of Amortization Bases

Below is the schedule of the plan's amortization bases. Note that there is a two-year lag between the valuation date and the start of the contribution year.

- The assets, liabilities and funded status of the plan are measured as of the valuation date: June 30, 2025.
- The required employer contributions determined by the valuation are for the fiscal year beginning two years after the valuation date: FY 2027-28.

This two-year lag is necessary due to the amount of time needed to extract and test the membership and financial data, and the need to provide public agencies with their required employer contribution well in advance of the start of the fiscal year.

The Unfunded Accrued Liability (UAL) is used to determine the employer contribution and therefore must be rolled forward two years from the valuation date to the first day of the fiscal year for which the contribution is being determined. The UAL is rolled forward each year by subtracting the expected payment on the UAL for the fiscal year and adjusting for interest. The expected payment on the UAL for FY 2025-26 is based on the actuarial valuation two years ago, adjusted for additional discretionary payments made on or before April 30, 2026, if necessary, and the expected payment for FY 2026-27 is based on the actuarial valuation one year ago.

Reason for Base	Date Est.	Ramp Level 2027-28	Ramp Shape	Escalation Rate	Amort. Period	Balance 6/30/25	Expected Payment 2025-26	Balance 6/30/26	Expected Payment 2026-27	Balance 6/30/27	Minimum Required Payment 2027-28
Fresh Start	6/30/25	No Ramp		0.00%	1	1,505,541	467,172	1,125,123	659,263	520,322	537,722
Total						1,505,541	467,172	1,125,123	659,263	520,322	537,722

The (gain)/loss bases are the plan's allocated share of the risk pool's (gain)/loss for the fiscal year as disclosed in [Allocation of Plan's Share of Pool's Experience](#) earlier in this report. These (gain)/loss bases will be amortized in accordance with the CalPERS amortization policy in effect at the time the base was established.

Amortization Schedule and Alternatives

The amortization schedule on the previous page(s) shows the minimum contributions required according to the CalPERS amortization policy. Each year, many agencies express a desire for a more stable pattern of payments or indicate interest in paying off the unfunded accrued liabilities more quickly than required. As such, we have provided alternative amortization schedules to help analyze the current amortization schedule and illustrate the potential savings of accelerating unfunded liability payments.

Shown on the following page are future year amortization payments based on 1) the current amortization schedule reflecting the individual bases and remaining periods shown on the previous page, and 2) alternative “fresh start” amortization schedules using two sample periods that would both result in interest savings relative to the current amortization schedule. To initiate a fresh start, please contact a CalPERS actuary.

The current amortization schedule typically contains both positive and negative bases. Positive bases result from plan changes, assumption changes, method changes or plan experience that increase unfunded liability. Negative bases result from plan changes, assumption changes, method changes, or plan experience that decrease unfunded liability. The combination of positive and negative bases within an amortization schedule can result in unusual or problematic circumstances in future years, such as:

- When a negative payment would be required on a positive unfunded actuarial liability; or
- When the payment would completely amortize the total unfunded liability in a very short time period, and results in a large change in the employer contribution requirement.

In any year when one of the above scenarios occurs, the actuary will consider corrective action such as replacing the existing unfunded liability bases with a single “fresh start” base and amortizing it over an appropriate period.

The current amortization schedule on the following page may appear to show that, based on the current amortization bases, one of the above scenarios will occur at some point in the future. It is impossible to know today whether such a scenario will in fact arise since there will be additional bases added to the amortization schedule in each future year. Should such a scenario arise in any future year, the actuary will take appropriate action based on guidelines in the CalPERS [Actuarial Amortization Policy](#).

Amortization Schedule and Alternatives (continued)

Date	Current Amortization Schedule		Alternative Schedules			
	Balance	Payment	Alternative Schedule 1		Alternative Schedule 2	
			Balance	Payment	Balance	Payment
6/30/2027	520,322	537,722	N/A	N/A	N/A	N/A
6/30/2028						
6/30/2029						
6/30/2030						
6/30/2031						
6/30/2032						
6/30/2033						
6/30/2034						
6/30/2035						
6/30/2036						
6/30/2037						
6/30/2038						
6/30/2039						
6/30/2040						
6/30/2041						
6/30/2042						
6/30/2043						
6/30/2044						
6/30/2045						
6/30/2046						
6/30/2047						
6/30/2048						
6/30/2049						
Total		537,722		N/A		N/A
Interest Paid		17,400		N/A		N/A
Estimated Savings				N/A		N/A

Employer Contribution History

The table below provides a recent history of the employer contribution requirements for the plan, as determined by the annual actuarial valuation. Changes due to prepayments or plan amendments after the valuation report was finalized are not reflected.

Valuation Date	Contribution Year	Employer Normal Cost Rate		Unfunded Liability Payment
		Rate Plan 823	Rate Plan 27361	
06/30/2016	2018-19	8.099%	6.842%	\$132,568
06/30/2017	2019-20	8.563%	6.985%	157,735
06/30/2018	2020-21	9.281%	7.732%	195,948
06/30/2019	2021-22	9.13%	7.59%	363,024
06/30/2020	2022-23	9.12%	7.47%	378,293
06/30/2021	2023-24	10.66%	7.68%	0
06/30/2022	2024-25	10.71%	7.87%	67,364
06/30/2023	2025-26	10.76%	7.96%	145,322
06/30/2024	2026-27	10.75%	7.93%	659,263
06/30/2025	2027-28	11.02%	8.05%	537,722

Funding History

The table below shows the recent history of the actuarial accrued liability, share of the pool's fair value of assets, unfunded accrued liability, funded ratio and annual covered payroll.

Valuation Date	Accrued Liability	Share of Pool's Fair Value of Assets	Unfunded Accrued Liability (UAL)	Funded Ratio	Annual Covered Payroll
06/30/2016	\$12,641,326	\$10,852,497	\$1,788,829	85.8%	\$3,823,827
06/30/2017	14,084,245	12,462,648	1,621,597	88.5%	4,073,784
06/30/2018	16,062,239	13,928,833	2,133,406	86.7%	4,285,727
06/30/2019	17,612,207	15,258,046	2,354,161	86.6%	4,350,319
06/30/2020	18,041,915	15,857,849	2,184,066	87.9%	4,364,089
06/30/2021	20,424,970	20,620,894	(195,924)	101.0%	4,695,743
06/30/2022	22,497,119	20,637,579	1,859,540	91.7%	5,244,623
06/30/2023	24,932,456	22,542,292	2,390,164	90.4%	5,396,416
06/30/2024	27,532,018	24,616,105	2,915,913	89.4%	5,483,317
06/30/2025	30,192,575	28,687,034	1,505,541	95.0%	6,659,241

Risk Analysis

• Future Investment Return Scenarios	19
• Discount Rate Sensitivity	20
• Mortality Rate Sensitivity	21
• Maturity Measures	21
• Maturity Measures History	22
• Funded Status – Termination Basis	23
• Funded Status – Low-Default-Risk Basis	24

Future Investment Return Scenarios

Analysis using the investment return scenarios from the Asset Liability Management process completed in 2025 was performed to determine the effects of various future investment returns on required employer UAL contributions. The CalPERS [Funding Risk Mitigation Policy](#) stipulates that when the investment return exceeds the discount rate by at least 2% the board will consider adjustments to the discount rate. The projections below use a discount rate of 6.8% for all scenarios even though an annual return of 11.6% is high enough to trigger a board discussion on the discount rate. The projections also assume that all other actuarial assumptions will be realized and that no further changes in assumptions, contributions, benefits, or funding will occur.

The employer normal cost rates are not affected by Investment returns, and since no future assumption changes are being reflected, the projected employer normal cost rates for every future investment return scenario are the same as those shown earlier in this report. See [Projected Employer Contributions](#) for more information on projecting the employer normal cost.

The first table shows projected UAL contribution requirements if the fund were to earn either 1.9% or 11.6% annually. These alternate investment returns were chosen because 90% of long-term average returns are expected to fall between them over the 20-year period ending June 30, 2045.

Assumed Annual Return FY 2025-26 through FY 2044-45	Projected Employer UAL Contributions				
	2028-29	2029-30	2030-31	2031-32	2032-33
1.9% (5th percentile)	\$34,000	\$104,000	\$209,000	\$350,000	\$529,000
11.6% (95th percentile)	\$0	\$0	\$0	\$0	\$0

Required UAL contributions outside of this range are also possible. In particular, whereas it is unlikely that investment returns will average less than 1.9% or greater than 11.6% over a 20-year period, the likelihood of a single investment return less than 1.9% or greater than 11.6% in any given year is much greater. The following analysis illustrates the effect of an extreme, single year investment return.

The portfolio has an expected volatility (or standard deviation) of 12.7% per year. Accordingly, in any given year there is a 16% probability that the annual return will be -5.9% or less and a 2.5% probability that the annual return will be -18.6% or less. These returns represent one and two standard deviations below the expected return of 6.8%.

The following table shows the effect of one and two standard deviation investment losses in FY 2025-26 on the FY 2028-29 contribution requirements. Note that a single-year investment gain or loss decreases or increases the required UAL contribution amount incrementally for each of the next five years, not just one, due to the 5-year ramp in the amortization policy. However, the contribution requirements beyond the first year are also impacted by investment returns beyond the first year. Historically, significant downturns in the market are often followed by higher than average returns. Such investment gains would offset the impact of these single year negative returns in years beyond FY 2028-29.

Assumed Annual Return for Fiscal Year 2025-26	Required Employer UAL Contributions	Projected Employer UAL Contributions
	2027-28	2028-29
(18.6%) (2 standard deviation loss)	\$537,722	\$178,000
(5.9%) (1 standard deviation loss)	\$537,722	\$89,000

- Without investment gains (returns higher than 6.8%) in FY 2026-27 or later, projected contributions rates would continue to rise over the next four years due to the continued phase-in of the impact of the illustrated investment loss in FY 2025-26.
- The Pension Outlook Tool can be used to model projected contributions for these scenarios beyond FY 2028-29 as well as to model other investment return scenarios.

Discount Rate Sensitivity

The discount rate assumption is calculated as the sum of the assumed real rate of return and the assumed annual price inflation, currently 4.3% and 2.5%, respectively. Changing either the price inflation assumption or the real rate of return assumption will change the discount rate. The sensitivity of the valuation results to the discount rate assumption depends on which component of the discount rate is changed. Shown below are various valuation results as of June 30, 2025, assuming alternate discount rates by changing the two components independently. Results are shown using the current discount rate of 6.8% as well as alternate discount rates of 5.8% and 7.8%. The rates of 5.8% and 7.8% were selected since they illustrate the impact of a 1.0% increase or decrease to the 6.8% assumption.

Sensitivity to the Discount Rate Due to Varying the Real Rate of Return Assumption

As of June 30, 2025	1% Lower Real Return Rate	Current Assumptions	1% Higher Real Return Rate
Discount Rate	5.8%	6.8%	7.8%
Price Inflation	2.5%	2.5%	2.5%
Real Rate of Return	3.3%	4.3%	5.3%
a) Total Normal Cost			
Rate Plan 823	22.40%	17.96%	14.55%
Rate Plan 27361	19.87%	15.80%	12.71%
b) Accrued Liability	\$35,204,629	\$30,192,575	\$26,124,009
c) Fair Value of Assets	\$28,687,034	\$28,687,034	\$28,687,034
d) Unfunded Liability/(Surplus) [(b) - (c)]	\$6,517,595	\$1,505,541	(\$2,563,025)
e) Funded Ratio	81.5%	95.0%	109.8%

Sensitivity to the Discount Rate Due to Varying the Price Inflation Assumption

As of June 30, 2025	1% Lower Price Inflation	Current Assumptions	1% Higher Price Inflation
Discount Rate	5.8%	6.8%	7.8%
Price Inflation	1.5%	2.5%	3.5%
Real Rate of Return	4.3%	4.3%	4.3%
a) Total Normal Cost			
Rate Plan 823	19.24%	17.96%	16.45%
Rate Plan 27361	16.95%	15.80%	14.46%
b) Accrued Liability	\$31,853,796	\$30,192,575	\$28,132,332
c) Fair Value of Assets	\$28,687,034	\$28,687,034	\$28,687,034
d) Unfunded Liability/(Surplus) [(b) - (c)]	\$3,166,762	\$1,505,541	(\$554,702)
e) Funded Ratio	90.1%	95.0%	102.0%

Mortality Rate Sensitivity

The following table looks at the change in the June 30, 2025, plan costs and funded status under two different longevity scenarios, namely assuming rates of post-retirement mortality are 10% lower or 10% higher than our current mortality assumptions adopted in 2025. This type of analysis highlights the impact on the plan of a change in the mortality assumption.

As of June 30, 2025	10% Lower Mortality Rates	Current Assumptions	10% Higher Mortality Rates
a) Total Normal Cost			
Rate Plan 823	18.28%	17.96%	17.66%
Rate Plan 27361	16.08%	15.80%	15.54%
b) Accrued Liability	\$30,803,660	\$30,192,575	\$29,630,121
c) Fair Value of Assets	\$28,687,034	\$28,687,034	\$28,687,034
d) Unfunded Liability/(Surplus) [(b) - (c)]	\$2,116,626	\$1,505,541	\$943,087
e) Funded Ratio	93.1%	95.0%	96.8%

Maturity Measures

As pension plans mature they become more sensitive to risks. Understanding plan maturity and how it affects the ability of a pension plan sponsor to tolerate risk is important in understanding how the pension plan is impacted by investment return volatility, other economic variables and changes in longevity or other demographic assumptions.

Since it is the employer that bears the risk, it is appropriate to perform this analysis on a pension plan level considering all rate plans. The following measures include only the rate plans covered in this report. One way to look at the maturity level of CalPERS and its plans is to look at the ratio of a plan's retiree liability to its total liability. A pension plan in its infancy will have a very low ratio of retiree liability to total liability. As the plan matures, the ratio increases. A mature plan will often have a ratio above 60%-65%.

Ratio of Retiree Accrued Liability to Total Accrued Liability	June 30, 2024	June 30, 2025
1. Retiree Accrued Liability	\$12,270,424	\$11,972,299
2. Total Accrued Liability	\$27,532,018	\$30,192,575
3. Ratio of Retiree AL to Total AL [(1) ÷ (2)]	45%	40%

Another measure of the maturity level of CalPERS and its plans is the ratio of actives to retirees, also called the support ratio. A pension plan in its infancy will have a very high ratio of active to retired members. As the plan matures and members retire, the ratio declines. A mature plan will often have a ratio near or below one.

To calculate the support ratio for the rate plan, retirees and beneficiaries receiving a continuance are each counted as one, even though they may have only worked a portion of their careers as an active member of this rate plan. For this reason, the support ratio, while intuitive, may be less informative than the ratio of retiree liability to total accrued liability above.

Support Ratio	June 30, 2024	June 30, 2025
1. Number of Actives	65	71
2. Number of Retirees	36	35
3. Support Ratio [(1) ÷ (2)]	1.81	2.03

Maturity Measures (continued)

The actuarial calculations supplied in this communication are based on various assumptions about long-term demographic and economic behavior. Unless these assumptions (e.g., terminations, deaths, disabilities, retirements, salary increases, investment return) are exactly realized each year, there will be differences on a year-to-year basis. The year-to-year differences between actual experience and the assumptions are called actuarial gains and losses and serve to lower or raise required employer contributions from one year to the next. Therefore, employer contributions will inevitably fluctuate, especially due to the ups and downs of investment returns.

Asset Volatility Ratio

Shown in the table below is the asset volatility ratio (AVR), which is the ratio of fair value of assets to payroll. Plans that have a higher AVR experience more volatile employer contributions (as a percentage of payroll) due to investment return. For example, a plan with an AVR of 8 may experience twice the contribution volatility due to investment return volatility than a plan with an AVR of 4. It should be noted that this ratio is a measure of the current situation. It increases over time but generally tends to stabilize as a plan matures.

Liability Volatility Ratio

Also shown in the table below is the liability volatility ratio (LVR), which is the ratio of accrued liability to payroll. Plans that have a higher LVR experience more volatile employer contributions (as a percentage of payroll) due to changes in liability. For example, a plan with an LVR of 8 is expected to have twice the contribution volatility of a plan with an LVR of 4 when there is a change in accrued liability, such as when there is a change in actuarial assumptions. It should be noted that this ratio indicates a longer-term potential for contribution volatility, since the AVR, described above, will tend to move closer to the LVR as the funded ratio approaches 100%.

Contribution Volatility	June 30, 2024	June 30, 2025
1. Fair Value of Assets	\$24,616,105	\$28,687,034
2. Payroll	\$5,483,317	\$6,659,241
3. Asset Volatility Ratio (AVR) [(1) ÷ (2)]	4.5	4.3
4. Accrued Liability	\$27,532,018	\$30,192,575
5. Liability Volatility Ratio (LVR) [(4) ÷ (2)]	5.0	4.5

Maturity Measures History

Valuation Date	Ratio of Retiree Accrued Liability to Total Accrued Liability	Support Ratio	Asset Volatility Ratio	Liability Volatility Ratio
06/30/2017	30%	2.50	3.1	3.5
06/30/2018	29%	2.48	3.3	3.7
06/30/2019	28%	2.28	3.5	4.0
06/30/2020	24%	2.48	3.6	4.1
06/30/2021	26%	2.44	4.4	4.3
06/30/2022	23%	2.52	3.9	4.3
06/30/2023	26%	2.24	4.2	4.6
06/30/2024	45%	1.81	4.5	5.0
06/30/2025	40%	2.03	4.3	4.5

Funded Status – Termination Basis

The funded status measured on a termination basis is an estimated range for the financial position of the plan had the contract with CalPERS been terminated as of June 30, 2025. The accrued liability on a termination basis (termination liability) is calculated differently from the plan's ongoing funding liability. For the termination liability calculation, both compensation and service are frozen as of the valuation date and no future pay increases or service accruals are assumed. This measure of funded status is not appropriate for assessing the need for future employer contributions in the case of an ongoing plan, that is, for an employer that continues to provide CalPERS retirement benefits to active employees. Unlike the actuarial cost method used for ongoing plans, the termination liability is the present value of the benefits earned through the valuation date.

A more conservative investment policy and asset allocation strategy was adopted by the board for the Terminated Agency Pool. The Terminated Agency Pool has limited funding sources since no future employer contributions will be made. Therefore, expected benefit payments are secured by risk-free assets and benefit security for members is increased while limiting the funding risk. However, this asset allocation has a lower expected rate of return than the remainder of the PERF and consequently, a lower discount rate assumption. The lower discount rate for the Terminated Agency Pool results in higher liabilities for terminated plans.

The discount rate used for actual termination valuations is a weighted average of the 10-year and 30-year Treasury yields where the weights are based on matching asset and liability durations as of the termination date. The discount rates used in the following analysis are based on 20-year Treasury bonds, which is a good proxy for most plans. The discount rate upon contract termination will depend on actual Treasury rates on the date of termination, which varies over time, as demonstrated below.

Valuation Date	20-Year Treasury Rate	Valuation Date	20-Year Treasury Rate
6/30/2016	1.86%	6/30/2021	2.00%
6/30/2017	2.61%	6/30/2022	3.38%
6/30/2018	2.91%	6/30/2023	4.06%
6/30/2019	2.31%	6/30/2024	4.61%
6/30/2020	1.18%	6/30/2025	4.79%

As Treasury rates are variable, the table below shows a range for the termination liability using discount rates 1% below and above the 20-year Treasury rate on the valuation date. The price inflation assumption is the 20-year Treasury breakeven inflation rate, that is, the difference between the 20-year inflation indexed bond and the 20-year fixed-rate bond.

The Fair Value of Assets also varies with interest rates and will fluctuate depending on other market conditions on the date of termination. Since it is not possible to approximate how the assets will change in different interest rate environments, the results below use the plan's share of the pool's Fair Value of Assets as of the valuation date.

	Discount Rate: 3.79% Price Inflation: 2.47%	Discount Rate: 5.79% Price Inflation: 2.47%
1. Termination Liability ¹	\$40,216,525	\$28,834,067
2. Fair Value of Assets	28,687,034	28,687,034
3. Unfunded Termination Liability [(1) – (2)]	\$11,529,491	\$147,033
4. Funded Ratio [(2) ÷ (1)]	71.3%	99.5%

¹ The termination liabilities calculated above include a 5% contingency load. The contingency load and other actuarial assumptions can be found in Appendix A of the Section 2 report.

In order to terminate, first contact our Pension Contract Services unit to initiate a Resolution of Intent to Terminate. The completed Resolution will allow a CalPERS actuary to provide a preliminary termination valuation with a more up-to-date estimate of the plan's assets and liabilities. Before beginning this process, please consult with a CalPERS actuary.

Funded Status – Low-Default-Risk Basis

Actuarial Standard of Practice (ASOP) No. 4, *Measuring Pension Obligations and Determining Pension Plan Costs or Contributions*, requires the disclosure of a low-default-risk obligation measure (LDROM) of benefit costs accrued as of the valuation date using a discount rate based on the yields of high quality fixed income securities with cash flows that replicate expected benefit payments. Conceptually, this measure represents the level at which financial markets would value the accrued plan costs, and would be approximately equal to the cost of a portfolio of low-default-risk bonds with similar financial characteristics to accrued plan costs.

As permitted in ASOP No. 4, the Actuarial Office uses the Entry Age Actuarial Cost Method to calculate the LDROM. This methodology is in line with the measure of “benefit entitlements” calculated by the Bureau of Economic Analysis and used by the Federal Reserve to report the indebtedness due to pensions of plan sponsors and, conversely, the household wealth due to pensions of plan members.

As shown below, the discount rate used for the LDROM is 5.58%, which is the Standard FTSE Pension Liability Index¹ discount rate as of June 30, 2025.

Selected Measures on a Low-Default-Risk Basis	June 30, 2025
Discount Rate	5.58%
1. Accrued Liability – Low-Default-Risk Basis (LDROM)	
a) Active Members	\$21,368,247
b) Transferred Members	264,559
c) Separated Members	1,356,993
d) Members and Beneficiaries Receiving Payments	13,468,996
e) Total	<u>\$36,458,795</u>
2. Fair Value of Assets	<u>28,687,034</u>
3. Unfunded Accrued Liability – Low-Default-Risk Basis [(1e) – (2)]	\$7,771,761
4. Unfunded Accrued Liability – Funding Policy Basis	<u>1,505,541</u>
5. Present Value of Unearned Investment Risk Premium [(3) – (4)]	\$6,266,220

The difference between the unfunded liabilities on a low-default-risk basis and on the funding policy basis represents the present value of the investment risk premium that must be earned in future years to keep future contributions for currently accrued plan costs at the levels anticipated by the funding policy.

Benefit security for members of the plan relies on a combination of the assets in the plan, the investment income generated from those assets, and the ability of the plan sponsor to make necessary future contributions. If future returns fall short of 6.8%, benefit security could be at risk without higher than currently anticipated future contributions.

The funded status on a low-default-risk basis is not appropriate for assessing the sufficiency of plan assets to cover the cost of settling the plan's benefit obligations (see [Funded Status – Termination Basis](#)), nor is it appropriate for assessing the need for future contributions (see [Funded Status – Funding Policy Basis](#)).

¹ This index is based on a yield curve of hypothetical AA-rated zero-coupon corporate bonds whose maturities range from 6 months to 30 years. The index represents the single discount rate that would produce the same present value as discounting a standardized set of liability cash flows for a fully open pension plan using the yield curve. The liability cash flows are reasonably consistent with the pattern of benefits expected to be paid from the entire Public Employees' Retirement Fund for current and former plan members. A different index, hence a different discount rate, may be needed to measure the LDROM for a subset of the fund, such as a single rate plan or a group of retirees.

Supplementary Information

• Normal Cost by Benefit Group	26
• Summary of Valuation Data	27
• Status of PEPRA Transition	28
• Surcharge for Class 1 Benefits	28
• Plan's Major Benefit Options	29

Normal Cost by Benefit Group

The table below displays the Total Normal Cost broken out by benefit group for FY 2027-28. The Total Normal Cost is the annual cost of service accrual for the fiscal year for active employees and can be viewed as the long-term contribution rate for the benefits contracted. Generally, the normal cost for a benefit group subject to more generous benefit provisions will exceed the normal cost for a group with less generous benefits. Future measurements of the Total Normal Cost for each group may differ significantly from the current values due to such factors as changes in economic and demographic assumptions, changes in plan benefits, or changes in applicable law.

Rate Plan Identifier	Benefit Group Name	Total Normal Cost FY 2027-28	Offset due to Employee Contributions FY 2027-28	Employer Normal Cost FY 2027-28	Number of Actives	Payroll on 6/30/2025
823	Miscellaneous Plan	17.96%	6.94%	11.02%	30	\$3,464,605
27361	PEPRA Miscellaneous Plan	15.80%	7.75%	8.05%	<u>41</u>	<u>3,194,636</u>
	Total				71	\$6,659,241

Note that if a Benefit Group above has multiple bargaining units, each of which has separately contracted for different benefits such as Employer Paid Member Contributions, then the Normal Cost shown for the respective benefit level does not reflect those differences.

Summary of Valuation Data

The table below shows a summary of the plan's member data upon which this valuation is based:

	June 30, 2024	June 30, 2025
Active Members		
Counts	65	71
Average Attained Age	40.6	40.2
Average Entry Age to Rate Plan	30.4	30.2
Average Years of Credited Service	10.2	10.0
Average Annual Covered Pay	\$84,359	\$93,792
Annual Covered Payroll	\$5,483,317	\$6,659,241
Present Value of Future Payroll	\$64,009,058	\$77,268,736
Transferred Members		
Counts	9	9
Separated Members		
Counts	40	42
Retired Members and Beneficiaries*		
Counts	36	35
Average Annual Benefits	\$27,122	\$27,259
Total Annual Benefits	\$976,399	\$954,067

Counts of members included in the valuation are counts of the records processed by the valuation. Multiple records may exist for those who have service in more than one valuation group. This does not result in double counting of liabilities.

Average Annual Benefits represents benefit amounts payable by this plan only. Some members may have service in another plan and would therefore have a larger total benefit than would be included as part of the average shown here.

* Values include community property settlements

Status of PEPRA Transition

The California Public Employees' Pension Reform Act of 2013 (PEPRA), which took effect in January 2013, changed CalPERS retirement benefits and placed compensation limits on new members joining CalPERS on or after January 1, 2013. One of the objectives of PEPRA was to improve the ability of employers to manage the costs of retirement benefits for their members. While such changes can reduce future benefit costs in a meaningful way, the full impact on employer contributions will not occur until all active members are subject to the rules and provisions of PEPRA. The table below illustrates the status of this transition as of June 30, 2025.

	Classic	PEPRA	PEPRA as a Percent of Total
Active Members			
Count	30	41	57.7%
Average Attained Age	48.5	34.1	
Average Entry Age	29.7	30.5	
Average Years of Credited Service	18.5	3.7	
Average Annual Covered Payroll	\$115,487	\$77,918	
Annual Covered Payroll	\$3,464,605	\$3,194,636	48.0%
Present Value of Future Payroll	\$33,263,018	\$44,005,718	57.0%
Transferred Members			
Count	4	5	55.6%
Separated Members			
Count	29	13	31.0%
Retired Members and Beneficiaries Receiving Payments			
Count	35	0	0.0%
Average Annual Benefit	\$27,259	\$0	
Total Annual Benefits	\$954,067	\$0	0.0%
Accrued Liabilities			
Active Members	\$14,843,953	\$2,055,324	12.2%
Transferred Members	104,063	95,315	47.8%
Separated Members	940,445	181,176	16.2%
Retired Members and Beneficiaries	<u>11,972,299</u>	<u>0</u>	<u>0.0%</u>
Total	\$27,860,760	\$2,331,815	7.7%

Surcharge for Class 1 Benefits

This plan has the following Class 1 benefit provisions which result in the surcharges indicated:

Class 1 benefit provisions	Rate Plan 823	Rate Plan 27361
One Year Final Compensation (FAC 1)	0.61%	N/A
Surcharge for Class 1 Benefits	0.61%	0.00%

Plan's Major Benefit Options

Shown below is a summary of the major optional benefits for which the agency has contracted. A description of principal standard and optional plan provisions is in Section 2.

Rate Plan 823	Benefit Group		
Member Category	Misc	Misc	
Demographics			
Actives	Yes	No	
Transfers/Separated	Yes	No	
Receiving	Yes	Yes	
Benefit Provision			
Benefit Formula	2% @ 60		
Social Security Coverage	Yes		
Full/Modified	Modified		
Employee Contribution Rate	7.00%		
Final Average Compensation Period	One Year		
Sick Leave Credit	Yes		
Non-Industrial Disability	Standard		
Industrial Disability	No		
Pre-Retirement Death Benefits			
Optional Settlement 2	Yes		
1959 Survivor Benefit Level	No		
Special	No		
Alternate (firefighters)	No		
Post-Retirement Death Benefits			
Lump Sum	\$2,000	\$2,000	
Survivor Allowance (PRSA)	No	No	
COLA	2%	2%	

Plan's Major Benefit Options (Continued)

Shown below is a summary of the major optional benefits for which the agency has contracted. A description of principal standard and optional plan provisions is in Section 2.

Rate Plan 27361	Benefit Group		
Member Category	Misc		
Demographics			
Actives	Yes		
Transfers/Separated	Yes		
Receiving	No		
Benefit Provision			
Benefit Formula	2% @ 62		
Social Security Coverage	Yes		
Full/Modified	Full		
Employee Contribution Rate	7.75%		
Final Average Compensation Period	Three Year		
Sick Leave Credit	Yes		
Non-Industrial Disability	Standard		
Industrial Disability	No		
Pre-Retirement Death Benefits			
Optional Settlement 2	Yes		
1959 Survivor Benefit Level	No		
Special	No		
Alternate (firefighters)	No		
Post-Retirement Death Benefits			
Lump Sum	\$2,000		
Survivor Allowance (PRSA)	No		
COLA	2%		

Section 2

California Public Employees' Retirement System

Risk Pool Actuarial Valuation Information

Section 2 may be found on the CalPERS website
in the [Forms & Publications](#) section



ACTION ITEMS



Coachella Valley Mosquito and Vector Control District

Staff Report

October 13, 2026

Agenda Item: Action

Approve the purchase of one (1) electric 4x4 pickup truck from National Auto Fleet Group in an amount not to exceed \$82,000, including a nine percent contingency for unforeseen circumstances, and authorize the General Manager to execute all required documents, utilizing funds from Capital Replacement Budget Fund #8415.14.300.000 (Budgeted; Funds Available) – Capital Replacement — **Stephan Navarrete, Field Supervisor.**

Background:

The Operations Department is currently operating a fleet of gasoline powered Chevrolet and Ford vehicles. These vehicles are used to transport Vector Control Technicians to mosquito breeding and Red Imported Fire Ants (RIFA) sites. The truck beds hold water tanks and chemical boxes along with various tools utilized in treatment work. These trucks also routinely tow a trailer with an amphibious all-terrain utility vehicle or a golf cart.

Recently, CARB (California Air Resources Board) has established requirements for Government Agencies to begin the transition to ZEV (Zero Emissions Vehicle) fleets. To support future electrification of the fleet, staff is requesting the purchase of one (1) electric 4x4 pickup truck. The vehicle will be evaluated under typical operating conditions, including urban work, agricultural environments, and towing trailers and heavy equipment. While the vehicle has a maximum estimated range of 493 miles under unloaded conditions, required towing of heavy equipment may significantly reduce the range by up to 50%. Thus, the extended maximum range is critical to maintain adequate operating capacity during heavy-duty use and virtually eliminate the need to return to the shop for multiple charging times.

The District is purchasing this electric vehicle from National Auto Fleet Group through Sourcewell's cooperative government purchasing contract, which has already undergone a competitively solicited and streamlined procurement process.

Staff Recommendation:

- Approve the purchase of one (1) electric pickup 4x4 truck from National Auto Fleet Group in an amount not to exceed \$82,000 with a nine percent contingency for unforeseen circumstances; AND
- Authorize the General Manager to execute all required documents, from Capital Replacement Budget Fund #8415.14.300.000 – *Budgeted; Funds Available* – Capital Replacement

Attachments

- Sourcewell quote

Fiscal Impact:

FY2026-27 Budget GL # 8415.14.300.000	Current Available Funds	Proposed Expense Fiscal Year 2026/27	Remaining Available Funds for Contingency
\$100,000.00	\$89,635.00	\$82,000.00	\$7,635.00



National Auto Fleet Group

A Division of Chevrolet of Watsonville

490 Auto Center Drive, Watsonville, CA 95076

(855) 289-6572 • (831) 480-8497 Fax

Fleet@NationalAutoFleetGroup.com

10/8/2026

Government Quote ID: **36427**

Order Cut Off Date: **TBA**

Sarah Prendez

Coachella Valley Mosquito and Vector Control District

43420 Trader Place

Indio, California, 92201

Dear Sarah Prendez,

National Auto Fleet Group is pleased to quote the following vehicle(s) for your consideration.

One (1) New/Unused (2027 Chevrolet Silverado EV (CT35843) e4WD Crew Cab Max Range Work Truck,) and delivered to your specified location, each for

	One Unit (MSRP)	One Unit	Total % Savings	Total Savings
Contract Price	\$76,794.00	\$74,760.44	2.648 %	\$2,033.56
Tax (8.7500 %)		\$6,541.54		
Tire fee		\$8.75		
Total		\$81,310.73		

- per the attached specifications.

This vehicle(s) is available under the **Sourcewell Contract 081325-NAF** . Please reference this Contract number on all purchase orders to National Auto Fleet Group. Payment terms are Net 30 days after receipt of vehicle.

Thank you in advance for your consideration. Should you have any questions, please do not hesitate to call.

Sincerely,

Jesse Cooper

Account Manager

Email: Fleet@NationalAutoFleetGroup.com

Office: (855) 289-6572

Fax: (831) 480-8497

Standard Quoting Department

Account Manager

Fleet@NationalAutoFleetGroup.com

(855) 289-6572

Sourcewell

Awarded Contract

Contract # 081325-NAF



GMC

Purchase Order Instructions & Resources

Once units are scheduled by OEM, no cancellations are accepted

In order to finalize your purchase please submit this purchase packet to your governing body for a purchase order approval and submit your purchase order in the following way:

Email: Fleet@NationalAutoFleetGroup.com

Fax: (831) 480-8497

Mail: National Auto Fleet Group

490 Auto Center Drive

Watsonville, CA 95076

We will send a courtesy confirmation for your order and a W-9 if needed.

Additional Resources

Learn how to track your vehicle: www.NAFGETA.com

Use the upfitter of your choice: www.NAFGpartner.com

Vehicle Status: ETA@NationalAutoFleetGroup.com

General Inquiries: Fleet@NationalAutoFleetGroup.com

For general questions or assistance please contact our main office at:

1-855-289-6572

Vehicle Configuration Options

EMISSIONS	
Code	Description
YF5	Emissions, California state requirements
ENGINE	
Code	Description
EN0	Engine, none, (STD)
TRANSMISSION	
Code	Description
MF1	Transmission, none, (STD)
PREFERRED EQUIPMENT GROUP	
Code	Description
8WT	Work Truck Preferred Equipment Group, includes standard equipment
WHEELS	
Code	Description
RIP	Wheels, 18" X 8.5" (45.7 cm x 21.6 cm), high gloss Black painted aluminum, (STD)
TIRES	
Code	Description
QWJ	Tires, LT265/70R18, all-season blackwall, (STD)
PAINT	
Code	Description
GAZ	Summit White
SEAT TYPE	
Code	Description
AR9	Seats, front bucket, (STD)
SEAT TRIM	
Code	Description
H9F	Black, Evotex seat trim
ADDITIONAL EQUIPMENT	
Code	Description

RYK	LPO, GM J1772 AC Adapter, Residential and public AC charging adapter for use with the GM PowerUp 2 (NACS) Charger, non-V2H Level 2 home chargers, and non-NACS Level 2 public chargers. Intended for NACS native inlet vehicles
R9L	Removes OnStar Basics (OnStar Fleet Basics for Fleet)
CHARGING CORD	
Code	Description
PSC	Dual Level Charge Cord, dual-mode, portable, 120-volt (1.4 kW) and 240-volt (7.7 kW) capability, swappable NEMA 5-15 and NEMA 14-50 plugs with SAE J3400 (NACS) vehicle connection
BATTERY	
Code	Description
ETN	Battery Pack, Max Range, (STD)
GVWR	
Code	Description
C5F	GVWR, 9990 lbs. (4531 kg)
PROPULSION	
Code	Description
XRJ	Dual Motor 4WD, (STD)

2027 Fleet/Non-Retail Chevrolet Silverado EV e4WD Crew Cab Max Range Work Truck

WINDOW STICKER

2027 Chevrolet Silverado EV e4WD Crew Cab Max Range Work Truck

CODE	MODEL	MSRP
CT35843	2027 Chevrolet Silverado EV e4WD Crew Cab Max Range Work Truck	\$74,900.00
OPTIONS		
YF5	Emissions, California state requirements	\$0.00
EN0	Engine, none, (STD)	\$0.00
MF1	Transmission, none, (STD)	\$0.00
8WT	Work Truck Preferred Equipment Group, includes standard equipment	\$0.00
RIP	Wheels, 18" X 8.5" (45.7 cm x 21.6 cm), high gloss Black painted aluminum, (STD)	\$0.00
QWJ	Tires, LT265/70R18, all-season blackwall, (STD)	\$0.00
GAZ	Summit White	\$0.00
AR9	Seats, front bucket, (STD)	\$0.00
H9F	Black, Evotex seat trim	\$0.00
RYK	LPO, GM J1772 AC Adapter, Residential and public AC charging adapter for use with the GM PowerUp 2 (NACS) Charger, non-V2H Level 2 home chargers, and non-NACS Level 2 public chargers. Intended for NACS native inlet vehicles	\$99.00
R9L	Removes OnStar Basics (OnStar Fleet Basics for Fleet)	(\$800.00)
PSC	Dual Level Charge Cord, dual-mode, portable, 120-volt (1.4 kW) and 240-volt (7.7 kW) capability, swappable NEMA 5-15 and NEMA 14-50 plugs with SAE J3400 (NACS) vehicle connection	\$0.00
ETN	Battery Pack, Max Range, (STD)	\$0.00
C5F	GVWR, 9990 lbs. (4531 kg)	\$0.00
XRJ	Dual Motor 4WD, (STD)	\$0.00

Please note selected options override standard equipment

SUBTOTAL	\$74,199.00
Advert/ Adjustments	\$0.00
Manufacturer Destination Charge	\$2,595.00
TOTAL PRICE	\$76,794.00

Est City: N/A MPG
 Est Highway: N/A MPG
 Est Highway Cruising Range: N/A mi

Any performance-related calculations are offered solely as guidelines. Actual unit performance will depend on your operating conditions.

Notes

Government Quote ID: 36427

Standard Equipment

MECHANICAL

Engine, none (STD)
Battery Pack, Max Range (Up to 510 hp and 580 lb-ft of torque in Tow/Haul Mode.) (STD)
Transmission, none (STD)
Dual Motor 4WD Performance Torque Vectoring Dual Motor 4WD (Electronic), 2 motors (1 front & 1 rear electric drive unit) (STD)
Dual Level Charge Cord, dual-mode portable, 120-volt (1.4 kW) and 240-volt (7.7 kW) capability, swappable NEMA 5-15 and NEMA 14-50 plugs with SAE J3400 (NACS) vehicle connection
GVWR, 9990 lbs. (4531 kg)

EXTERIOR

Wheels, 18" X 8.5" (45.7 cm x 21.6 cm), high gloss Black painted aluminum (Included with (XTK) WT Plus Package.) (STD)
Tires, LT265/70R18, all-season blackwall (STD)

INTERIOR

Seats, front bucket (STD)

ADDITIONAL EQUIPMENT

Assisted Driving Package includes (UGN) Enhanced Automatic Emergency Braking, (UVZ) Reverse Automatic Braking, (UFB) Rear Cross Traffic Braking, (CTB) Intersection Automatic Emergency Braking, (UKK) Rear Pedestrian Alert, (HS1) Safety Alert Seat, (UOW) Side Bicyclist Alert, (UVX) Traffic Sign Recognition, (UV2) HD Surround Vision and (KSG) Adaptive Cruise Control (Also includes (UD5) Front and Rear Parking Assist, (UKI) Blind Zone Steering Assist and (UKM) Lane Keep Assist with Lane Departure Warning.)
WT Plus Package includes (RIP) 18" high gloss Black painted aluminum wheels, (QK2) Multi-Flex tailgate, (QT5) manual gate function tailgate with EZ Lift, (BVE) assist steps, (KV7) off-boarding power, and (K2O) 19.2 kW high-voltage charging module
Pickup bed, 5 ft 11 inches
Electronic Precision Shift electronic transmission range selector with Low selection for throttle off regenerative braking and one-pedal driving capability
Emission system zero emission vehicle (ZEV)
Chassis, Dual Motor 4WD
Front Drive Unit 1-motor, Integrated Inverter, Park System
Rear Drive Unit 1-motor, Integrated Inverter
DC fast charging (24MOD is 800V, up to 350kW)
Charging module, 19.2 kW high-voltage (Included with (XTK) WT Plus Package.)

Vehicle-to-home all V2H-capable GM EV's can provide power to your properly equipped home in a blackout to all equipment groups (The GM Energy PowerShift Charger and GM Energy V2H Enablement Kit requires an adequately charged and properly equipped GM EV having bidirectional charging capabilities, a properly equipped home, and proper grid interconnection. Weather conditions, life of the battery, vehicle variation and usage, and other external factors may impact the duration of power supply. Power supply may be interrupted. It is not recommended that the following devices be powered with the GM Energy PowerShift Charger and V2H Enablement Kit: Medical Devices.)

Suspension, 4-wheel independent suspension with premium ride and handling

Brakes, front and rear sliding caliper disc with DURALIFE rotors, with Variable Regen on Demand capability

Brake rotor, FNC

Trailer brake controller, integrated

Tow/Haul Mode

Jack, mechanical, with tools located in the eTrunk

Wheel, spare, 18" X 8.0" (45.7 cm x 20.3 cm), steel

Tire, spare LT225/65R18, all-season blackwall

Assist steps, Black, wheel to wheel (Included with (XTK) WT Plus Package.)

Shutters, front upper and lower grille, active

IntelliBeam, automatic high beam on/off

Headlamps, LED with LED Daytime Running Lamps

Tail lamps, LED

LED Cargo Area Lighting located in cargo bed activated with switch on instrument panel

Mirrors, outside heated power-adjustable

Mirror caps, painted Black

Window, front side, solar absorbing

Window, rear side, solar absorbing, privacy tinting

Glass, deep-tinted, rear door and rear cab

Tailgate, Muti-Flex, with six functional load/access features NOTE: Auto release can be disabled if ball hitch is installed. See Owner's manual for details (Included with (XTK) WT Plus Package.)

Tailgate, gate function manual with EZ Lift, includes power lock and release (Included with (XTK) WT Plus Package.)

Tailgate, locking

Door handles, body-color

SiriusXM with 360L Trial Subscription. SiriusXM with 360L transforms your customers' ride with our most extensive and personalized radio experience on the road. (IMPORTANT: The SiriusXM trial subscription is not provided on vehicles that are ordered for Fleet Daily Rental ("FDR") use. Trial subscription is subject to the SiriusXM Customer Agreement and privacy policy, visit siriusxm.com which includes full terms and how to cancel. All fees, content, features, and availability are subject to change.)

Audio System, 17.7" diagonal advanced color LCD display with Google built-in compatibility (select service plan required, terms and limitations apply), including navigation capability, connected apps, personalized profiles for each driver's settings, Natural Voice Recognition

Audio system feature, 6-speaker system

Wi-Fi Hotspot capable (Terms and limitations apply. See onstar.com or dealer for details.)

5G vehicle connectivity
Evotex seat trim
Seat adjuster, driver 6-way manual
Seat adjuster, front passenger 4-way manual
Seats, heated front driver and passenger cushion and back with dual mode switches
Seat, rear 60/40 folding bench
Center console, floor-mounted 4 cup holders, USB port, Auxiliary and 120V Power Outlets
Floor Covering, all-weather vinyl flooring
Steering Wheel, urethane
Steering column, manual tilt and telescoping
Steering wheel audio controls
Driver Information Center 11" diagonal display with fully digital color
Windows, remote Express-Down, front and rear door windows
Door locks, power
Remote vehicle starter system pre-conditioning
Keyless Open and Start includes remote keyless entry
Adaptive Cruise Control (Included with (AS2) Assisted Driving Package.)
Theft-deterrent system, unauthorized entry
Alarm, remote panic
USB Ports, 2, Type-C Charge/Data ports located on floor console
USB Ports, rear, dual, Type-C charge-only
Power outlet, front console, 12-volt
Power outlet, 120-volt, on back of floor console
Power outlet, 110-volt, located in the eTrunk
Offboarding Power, 7.2 kW, split phase, AC power includes bed mounted power outlets (four 120-volt and one 240-volt) (10.2 kW with accessory Power Bar, when equipped with (K2O) 19.2 kW high-voltage Charging Module. Included with (XTK) Premium Package.)
Air conditioning, dual-zone automatic climate control
Air vents, rear, heating/cooling
Air filter, pollutant
Defogger, rear-window electric
Sensor, cabin humidity and windshield temperature
Map pocket, front passenger seatback
Mirror, inside rearview manual tilt, day/night
eTrunk, lockable weather-proof and lit compartment with 120 volt outlet, cargo tie-downs and drain holes
Enhanced Automatic Emergency Braking (Included with (AS2) Assisted Driving Package.)
Reverse Automatic Braking (Included with (AS2) Assisted Driving Package.)
Rear Cross Traffic Braking (Included with (AS2) Assisted Driving Package.)
Front Pedestrian and Bicyclist Braking

Intersection Automatic Emergency Braking intersection alert, braking (Included with (AS2) Assisted Driving Package.)
StabiliTrak, Stability Control System with Proactive Roll Avoidance and traction control includes electronic trailer sway control and hill start assist
Airbags, Frontal airbags for driver and front passenger; Seat-mounted side-impact airbags for driver and front outboard passenger; Head-curtain airbags for front and rear outboard seating positions; Includes front outboard Passenger Sensing System for frontal passenger airbag (Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)
OnStar Services capable (See onstar.com for details and limitations. Services vary by model. Service plan required.)
Interior Camera enables Cabin Glance and Security Recording
Side Bicyclist Alert (Included with (AS2) Assisted Driving Package.)
LED Reflective Windshield Collision Alert
Traffic Sign Recognition (Included with (AS2) Assisted Driving Package.)
HD Surround Vision with Trailer View Camera Provision (Included with (AS2) Assisted Driving Package.)
Blind Zone Steering Assist (Included with (AS2) Assisted Driving Package.)
Lane Keep Assist with Lane Departure Warning, enhanced (Included with (AS2) Assisted Driving Package.)
Front and Rear Parking Assist
Hitch View
Hitch Guidance
Following Distance Indicator
Forward Collision alert
Rear Pedestrian Alert (Included with (AS2) Assisted Driving Package.)
Rear Seat Reminder
Seat Belt adjustable Guide Loops, front row
Seat Belt, front passenger presence detector
Seat belt, rear passenger presence detector
Buckle to Drive prevents vehicle from being shifted out of Park until driver seat belt is fastened; times out after 20 seconds and encourages seat belt use, can be turned on and off in Settings or Teen Driver menu
LATCH system (Lower Anchors and Tethers for CHildren) for child restraints seats
Safety Alert Seat (Included with (AS2) Assisted Driving Package.)
Door locks, rear child security lock manual child lock system (rear door latch)
Teen Driver configurable feature that lets you activate customizable vehicle settings associated with a key fob, to help encourage safe driving behavior. It can limit certain available vehicle features, and it prevents certain safety systems from being turned off. An in-vehicle report card gives you information on driving habits and helps you to continue to coach your new driver
Tire Pressure Monitoring System auto learn, includes Tire Fill Alert
OnStar Basics (OnStar Fleet Basics for Fleet) Drive with confidence and convenience using core OnStar services, featuring built-in voice assistance, realtime navigation, and access to audio streaming apps. With your vehicle mobile app, you can seamlessly manage your vehicle by sending commands and enjoy peace of mind knowing Automatic Crash Response can connect you to help if you're in need.

(Requires (UE1) OnStar. OnStar Basics is standard for 8 years; working electrical system, cell reception and GPS signal required. OnStar links to emergency services. Service coverage varies with conditions and location. Service availability, features and functionality vary by device and software version. Subject to user terms. See onstar.com for details and limitations. Removed with a ship-to of Guam, Puerto Rico or the Virgin Islands.)

Trailer Information Label



Coachella Valley Mosquito and Vector Control District

October 13, 2026

Staff Report

Agenda Item: Action

Approval of 2027 research proposals in an amount not to exceed \$336,376.10; \$168,338.05 will be expensed in Fiscal Year (FY) 2026/27 and the remaining balance will be expensed FY 2027/28 from Fund 8510.01.600.000 – Research Projects, *Budgeted; Funds Available* – **Ad Hoc Research Committee and Jennifer A. Henke, M.S., BCE, 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 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 8 research proposals. The proposals are summarized in the table below. Further summaries and estimates of the potential benefits of each proposal follow:

#	Researcher	Title	Funds requested	Recommend for funding	Amount to fund
1	Parker	From data to deployment: Improving <i>Aedes aegypti</i> risk prediction for surveillance and control (year 2)	\$35,999.00	Yes	\$35,999.00
2	Cosme	Males only: An automated computer vision sorter for sterile male (year 1)	\$70,682.08	Yes	\$70,682.08
3	Nyman	Sex ratio modeling to guide SIT release optimization for <i>Aedes</i>	\$35,962.07	Yes	\$35,962.07

		<i>aegypti</i> in the Coachella Valley			
4	Chandrasegaran	Evaluation and operational optimization of male-release strategies for <i>Aedes aegypti</i> in the Coachella Valley (year 1)	\$72,568.95	Yes	\$64,338.95
5	DeFelice	Environmental drivers of arboviral transmission in the Coachella Valley: West Nile and St. Louis encephalitis viruses	\$53,383.00	Yes	\$53,383.00
6	Bosco-Lauth	Exploring reservoir hosts of emergent SLEV genotype III and evaluating potential for co-circulation with WNV (year 1)	\$45,078.00	Yes	\$45,078.00
7	Lyberger	Using landscape water use to identify mosquito source areas in the Coachella Valley (year 1)	\$31,233.00	No	\$31,233.00
8	Duggal	The role of house finches, a major reservoir for arboviruses in southern California, in West Nile virus and St. Louis encephalitis virus co-circulation (year 1)	\$30,000.00	No	\$0.00

Proposal #1 – Parker: “From data to deployment: Improving *Aedes aegypti* risk prediction for surveillance and control (year 2).”

Summary – This is the second year of a two-study. The first aim is to model the *Ae. aegypti* abundance across the Coachella Valley. Using existing collections from 2016-2023, the researchers will create models for what environmental variables lead to greater *Ae. aegypti* populations. They will then validate that data using collections from 2024 (and potentially 2025). To date, they are finding that in some years, they overpredict the population while in other years, they under predict. This has led to adding some additional considerations in what should be included in the predictive model. For the second aim, the researchers plan to quantify the impact of our large scale larvicide applications on mosquito abundance. While we have looked at within year reductions as comparisons to areas where we are not making these applications, using

a larger model set should allow for a better estimate of the magnitude, duration, and overall spatial reduction in mosquitoes due to these applications.

Potential benefits of the proposed research – The study could provide us with a more comprehensive understanding of the *Aedes* mosquito population in the Coachella Valley. By examining the impact of our control strategies, we can better plan future large area larvicide applications as well as sterile male mosquito releases.

Proposal #2 – Cosme: “Males only: An automated computer vision sorter for sterile male releases in the Coachella Valley (year 1).”

Summary – The proposal is the first year of a two-year study. The project is to build a sorter for mosquitoes to be used in the District’s sterile mosquito release program. There are several methods by which mosquitoes can be sorted, and separating male mosquitoes from female mosquitoes is currently one of the limiting components in the planned program. It takes a larger proportion of time to sort male mosquitoes from female mosquitoes compared to other steps in the process. These researchers have a mechanism that they will refine and then build a system for the District.

Potential benefits of proposed research – A sorter built for the District’s specifications using mosquitoes from the Coachella Valley could account for environmental variations and needs unique to this region. The proposed project could have reduced ongoing maintenance costs compared to other systems that are available.

Proposal #3 – Nyman: “Sex ratio modeling to guide Sterile Insect Technique release optimization for *Aedes aegypti* in the Coachella Valley.”

Summary – This proposal is for a one-year study. The researcher highlights that rather than expecting that a population of mosquitoes is 50 percent male and 50 percent female, we should expect that there are more females than males. This is because female mosquitoes live longer than males and is based on recapture studies completed in semi-field settings. What has not been studied is the extent of the impact of high temperatures like those in the Coachella Valley on male mosquito life spans. The researchers plan to complete a thorough literature survey as well as to build a model based on the District’s surveillance data.

Potential benefits – A temperature-based model of male life expectancy could lead to information that would promote the use of different numbers of male mosquitoes over different temperatures or different seasons (e.g., perhaps fewer male mosquitoes need to be released when it is predicted to be very hot).

Proposal #4 – Chandrasegaran: “Evaluation and operational optimization of male-release strategies for *Aedes aegypti* in the Coachella Valley (year 1).”

Summary – This proposal is for the first year of a two-year study. The proposed work is to examine male mosquitoes from irradiation and *Wb1* strategies to examine if there is a difference in male mosquito longevity, which could impact the effectiveness. A portion of the work would be to examine recapture of male mosquitoes marked using two different methods.

While the committee is interested in ensuring that the male mosquitoes used are effective, there was more interest in the comparative marking methods of the male mosquitoes. If funded, the committee suggests that the research be revised to focus on that aspect of the proposed research. The reduced amount is reflective of the researcher planning to use District equipment in the project.

Potential benefits of proposed research – Understanding the impacts of marking on male mosquito longevity and developing a method for use would improve the planned sterile mosquito program. We anticipate questions of how we know that the program is working, so including a method by which we mark male mosquitoes is part of the design.

Proposal #5 – DeFelice: “Environmental drivers of arboviral transmission in the Coachella Valley: West Nile and St. Louis encephalitis viruses.”

Summary – The proposal is a one-year study. The project proposes to build upon previous research completed, examining the vacillating nature of West Nile and St. Louis encephalitis virus cycles by expanding the windows to two-year cycles. Additionally, the researchers propose to build on the results of Dr. Bosco-Lauth to incorporate bird immunity and bird migration through the Coachella Valley to determine how to include it in models.

As we approach a decade of having both viruses in circulation in the Coachella Valley, it is interesting to examine how the two may interact with each other. Older studies would lead us to believe that there may be some separation in hosts. There is overlap in timing and areas where the viruses are detected; perhaps this can be elucidated through review of migratory patterns of the birds.

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. It may also help us to predict when we will have a more active virus transmission cycle, allowing us to change priorities proactively.

Proposal #6 – Bosco-Lauth: “Exploring reservoir hosts of emergent SLEV genotype III and evaluating potential for co-circulation (year 1).”

Summary – The proposal is the first year of a two-year study. The researcher previously examined the amount of virus and the antibody responses of sparrows to West Nile virus and St. Louis encephalitis virus. Interestingly, they found differences in the immune reactions of the birds between the older version of SLEV and the strain that was reintroduced in 2015. The newer strain seems to impact more bird species and may be better able to survive in birds, making this strain more likely to be able to circulate more widely. Since then, another strain of SLEV has been detected circulating in Colorado.

In the first year, the researchers plan to examine the differences between the historic SLEV strain, the recent CO strain, and the recent CA strain in three types of birds. They also plan to allow these birds to recover and then inoculate them with WNV. The second year will examine birds again, this time infecting them with WNV first and then SLEV.

Potential benefits of proposed research – Coachella Valley continues to have more of the St. Louis encephalitis virus detections than other parts of the United States, meaning that there is likely to be changes in virus and bird immunity here. While the virus has been detected in more states, it is still a lower priority and less likely to receive funding by other organizations.

Proposal #7 – Lyberger: “Using landscape water use to identify mosquito source areas in the Coachella Valley (year 1).”

Summary – The proposal is the first year of a two-year study. The researcher has successfully modelled irrigation and water-use in Maricopa, Arizona to predict the presence of *Culex* mosquitoes. By looking at a sample of treatments for larval mosquitoes, the researcher believes that the model can be adapted to make use of irrigation patterns and evapotranspiration rates in the Coachella Valley. While the prediction is that this will have the largest impact in agricultural and rural parts of the valley, a model could be incorporated to better assign when employees need to visit certain sites.

Potential benefits of proposed research – A well-developed model may better guide mosquito control inspections and treatments for larval mosquitoes. While the researchers predict that this will be more accurate for the agricultural portions of the valley, we anticipate some benefit to using similar information for golf courses and similar large properties where irrigation patterns can be reliably predicted.

Proposal #8 – Duggal: “The role of house finches, a major reservoir for arboviruses in southern California, in West Nile virus and St. Louis encephalitis virus co-circulation (year 1).”

Summary – This proposal is for the first year of a two-year study. The proposed project aims to examine the amount of virus and the antibody responses of West Nile virus and St. Louis encephalitis virus in house finches. They plan to first inoculate the birds with West Nile virus and then with St. Louis encephalitis virus after the birds have recovered. Subsequently, they plan to examine birds that are first infected with SLEV and then inoculate them with WNV.

Rationale for not funding – While the work is interesting and the proposed project does examine a different host than has been examined previously, the committee felt that the results of examining birds in Virginia may not be translatable to bird populations in California. Doing such work in California is likely to be difficult. Given the other proposed research, this project fell out of consideration for funding this year.

Committee Recommendation:

- Approval of 2027 research proposals in an amount not to exceed \$336,376.10; \$168,338.05 will be expensed in Fiscal Year (FY) 2026/27 and the balance will be expensed FY 2027/28;

OR

- To take any action the Board deems appropriate.

Strategic Plan Goals, Objectives and Values Alignment

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

Values - Collaboration, Financial Sustainability, and Innovation

Fiscal Impact:

Amount budgeted FY2026-27 Budget GL # 8510.01.600.000	Current Available Funds	Proposed Expense Fiscal Year 2026-27	Remaining Available Funds
\$250,000.00	\$171,443.00	\$168,338.05	\$3,104.95



Coachella Valley Mosquito and Vector Control District

Staff Report

October 13, 2026

Agenda Item: Action

Approval to Engage CV Strategies to Develop and Implement the District's Centennial Campaign in the Amount of \$100,000, with a \$10,000 Contingency, for a Total Authorized Amount Not to Exceed \$110,000; Capital Project Number 2028-01 Centennial Anniversary *Budgeted; Funds Available* — **Robert C. Gaona, MPA, Public Information Manager**

Background:

The Coachella Valley Mosquito and Vector Control District is approaching a significant milestone in its history: 100 years of service to the Coachella Valley. The District's Centennial provides a unique opportunity to celebrate a century of protecting public health while educating the community about the District's evolving role in mosquito and vector control. The Centennial can serve not only as a celebration of the District's history, but also as a comprehensive public education and community engagement initiative. Over the past century, mosquito and vector control has evolved considerably. The District has progressed from traditional mosquito abatement practices to a modern public health agency utilizing disease surveillance, scientific research, integrated vector management, biological control, unmanned aerial systems, public education, and other emerging technologies. The Centennial presents an opportunity to tell that story in a meaningful and engaging manner.

Staff recommends engaging CV Strategies to develop and implement a comprehensive Centennial Campaign that will establish a consistent message and visual identity while coordinating public relations, community outreach, historical storytelling, digital communications, and Centennial events. Rather than treating the Centennial as a single anniversary event, the campaign would provide a year-long opportunity to engage the community and increase awareness of the District's mission. CV Strategies would work collaboratively with District staff and leadership to develop a campaign that reflects the District's history, accomplishments, current programs, and vision for the future.

The anticipated scope of work would include:

- Development of a Centennial campaign strategy and implementation plan;
- Centennial branding and visual identity;

- Development of a Centennial tagline and key messages;
- Historical storytelling and development of Centennial content;
- Public relations and media outreach;
- Community and stakeholder engagement;
- Support for Centennial events and community activities;
- Development of press releases, feature stories, and media materials;
- Coordination with community partners and local government agencies;
- Other related services necessary to implement the Centennial Campaign.

Recommendation

- Authorize the General Manager to enter into an agreement with CV Strategies for professional communications, public relations, campaign development, and implementation services related to the Coachella Valley Mosquito and Vector Control District's Centennial Campaign.

Fiscal Impact

- \$100,000 with \$10,000 Contingency for the development and implementation of the Centennial Campaign, subject to contract terms and applicable District requirements. Funds are available in the Capital Reserve Fund.

Presentation

CV Strategies will provide a Presentation.



CENTENNIAL COMMUNICATIONS AND OUTREACH SERVICES

OCTOBER 2026

CREATIVITY | VISION | STRATEGY

A Coachella Valley strategic communications firm with deep local connections, helping public agencies reach and engage the diverse communities they serve.

20 Years

Serving public agencies and special districts

Local Team

Living and working in the communities we serve

Regional Connections

Relationships with agencies, cities, media, community organizations



Meet the Team



ERIN LACOMBE
President & Founder
Strategic direction
and executive
oversight



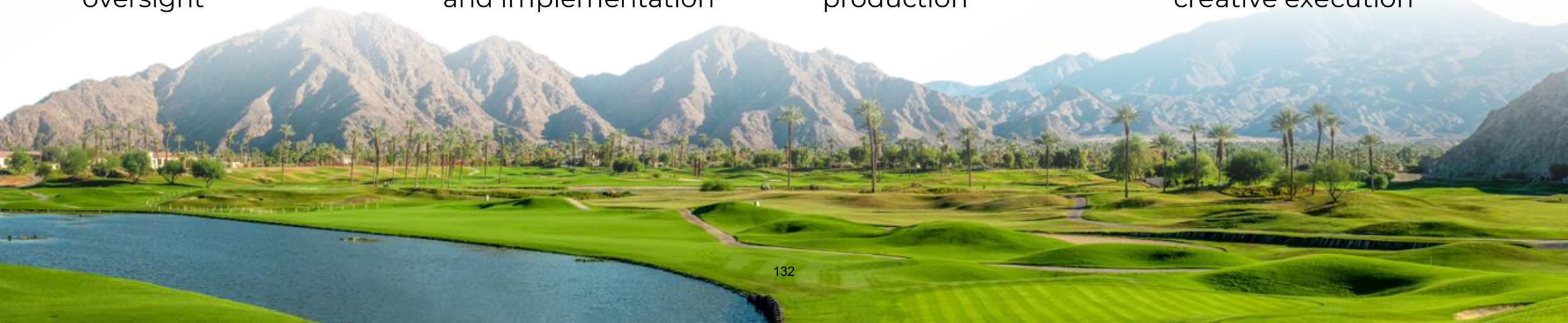
**JENNIFER
BARNAKIAN-POLAND**
Account Manager
Project coordination
and implementation



SHAWN HARKNESS
***Director of
Multimedia***
Video concept and
production



LYNN OLIVA
***Director of Creative
Services***
Centennial identity and
creative execution





A Century of Change

The Storytelling Framework for 100 Years of Service



PAST

Where it began, starting with the people and their stories.

PRESENT

Protecting the Valley through progress and dedication of the team.

FUTURE

What comes next as technology continues to evolve.

Bringing the Story to Life

Strategize

Campaign Planning &
Creative Direction

Identity

Centennial Branding
& Visual Integration

Engage

Community
Outreach Materials

Capture

Historical Archives,
Website, Videos &
Digital Content

Commemorate

Public Art &
Lasting Tributes

Visibility

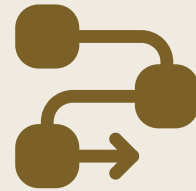
Media Relations,
Advertising &
Regional Awareness

From Concept to Implementation

One Coordinated Approach to the Centennial



Working closely with District staff and the Centennial Ad Hoc Committee to establish priorities and guide decisions



Managing creative development, production and campaign activities through a unified approach



Maintaining a cohesive identity and message across all Centennial communications and activities

A Focused Investment

SERVICES	
Task 1: Campaign Strategy & Creative Direction	\$8,500
Task 2: Centennial Brand Integration	\$11,450
Task 3: Community Engagement & Materials	\$9,850
Task 4: Historical Storytelling & Digital Content	\$45,450
Task 5: Community Experiences & Commemoration	\$10,800
Task 6: Media Relations & Campaign Awareness	\$19,850
Total not to exceed	\$105,900

An integrated Centennial program tailored to the District's priorities, with additional services as needed.

Building Toward the Centennial

Our Roadmap to Celebrating 100 Years of Service



2026

Foundation

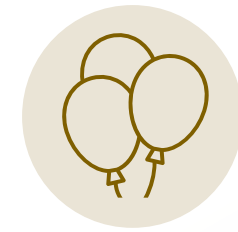
Plan, develop identity, and prepare core content



2027

Build Momentum

Release stories, activate the Jeep and expand visibility



2028

Centennial Year

Coordinate major moments, media and public facing celebration



Questions & Discussion



COMMITTEE AND TRUSTEE REPORTS

COACHELLA VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

Finance Committee Meeting Minutes

TIME 4:30 p.m. **DATE:** July 14, 2026

LOCATION: 43420 Trader Place Indio, CA 92201

COMMITTEE MEMBERS PRESENT:

Coachella	Frank Figueroa, EdD, Treasurer
Palm Desert	Doug Walker, Trustee

COMMITTEE MEMBERS ABSENT:

Indian Wells	John Vallat, Committee Member
--------------	-------------------------------

OTHER TRUSTEES PRESENT:

None

STAFF PRESENT:

Jeremy Wittie, General Manager
David l'Anson, Administrative Finance Manager
Jennifer A Henke, Laboratory Manager
Megan Scarborough-Eckel, Clerk of the Board
Jacob Teran, Network Support Specialist

MEMBERS OF THE PUBLIC PRESENT:

No

1. Call to Order

Treasurer Figueroa called the meeting to order at 4:32 pm.

2. Roll Call

Roll Call indicated that two (2) Finance Committee members were present.

3. Confirmation of Agenda

Treasurer Figueroa inquired if anything on the agenda needed to be changed; seeing no comments or requests, the agenda was confirmed as stands.

4. Public Comments

A. PUBLIC Comments — NON-AGENDA ITEMS:

None

B. PUBLIC Comments — AGENDA ITEMS:

None

5. Items of General Consent

- A. Minutes from Tuesday, June 9, 2026, Finance Committee Meeting

On a motion from Committee Member Walker, seconded by Treasurer Figueroa, the Finance Committee approved all Items of General Consent.

Ayes: Committee Members Figueroa, Walker

Noes: None

Abstained: None

Absent: Committee Member Vallat

6. Discussion, Review, and/or Update-

- A. Review of Check Report from Abila MIP for the period of June 10, 2026, to July 9, 2026
- B. Credit Card Charges (Abila report & Microix Workflow Report) – Umpqua Statement dated June 30, 2026
- C. Review of May 2026 Financials and Treasurers Report
- D. 2026 Finance Committee Items
- E. Ridgeline Proposal
- F. Benefit Assessment Revenue
- G. Review of finance related items on the July Board agenda

The committee had various questions and comments for staff.

7. Trustee and/or staff comments/future agenda items

- A. Next meeting: Tuesday, September 8, 2026, at 4:30 pm

8. Adjournment

There being no further business to discuss, Committee Member Walker adjourned the meeting at 4:54 pm.

