MVCAC
Mosquito and Vector Control Association of California
One Capitol Mall, Suite 800 • Sacramento, CA 95814 • p: (916) 440-0826 • f: (916) 444-7462 • e: mvcac@mvcac.org

Board of Directors Meeting Minutes

July 24, 2025 | 9:00 am to Noon

Via Zoom

The Meeting was called to order at 9:02 AM by Steve Abshier, President.

Present:
Steve Abshier
Michelle Brown
Bruce Taylor
Amanda Poulsen
Conlin Reis
Lora Young
Paula Macedo
Ryan McNeil
Jodi Holeman

Excused:
Jody Morgan
Greg Hebard

Staff: Megan MacNee, Sarah Valente, and Rachel Hickerson

Announcements
Jeremy Wittie brought up that a district staff member was detained by ICE for 3 hours. Suggested combining MVCAC member district resources for staff to know what to be prepared for with ID, etc.

Megan MacNee provided an AMG staffing update, letting the board know that Rachel Hickerson has recently left AMG. She is currently continuing to work with MVCAC under a contract on the Annual Meeting and Sarah Valente is taking on the role of Deputy Executive Director. MVCAC will soon have a new Meetings Manager as well once AMG completes the hiring process.

Approval of prior meeting minutes*
It was moved, seconded and passed (MSP) to accept the minutes of the April 23, 2025 meeting. (Holeman/Young)

Approval of additional agenda items*
No additional agenda items were requested.

Interim board decisions*
Rachel Hickerson presented a new contract with Cadmium for the 2026 conference, highlighting improvements in operational efficiency, streamlined processes, and continued use of QR code scanning for conference management. Megan MacNee explained that under the new contract approval policy approved in April, contracts exceeding $10,000 require formal approval from the president and treasurer for transparency and checks and balances. Steve Abshier clarified that the contract cost was included in the budget but required additional approval due to the amount. Rachel provided cost comparisons: previous paper booklet programs cost $6,000–$8,000, the prior year's app was $8,000, and the proposed app is $12,000, aligning with the budget.

It was moved, seconded and passed (MSP) to ratify the approval the Cadmium Contract for the 2026 Conference.
(Brown/Macedo)

Steve Abshier discussed opposition to SB 707, emphasizing challenges for districts with non-English language speakers. The board ratified MVCAC's addition to a CSDA opposition letter.

It was moved, seconded and passed (MSP) to ratify opposition to SB 707.
(Holeman/Young)

President/Executive committee report

- Reports from executive priority working groups

Trustee manual update

- Peter Bonkrude reported that the group is on schedule, with Jodi Holeman leading a survey. A working draft is targeted for the fall board meeting, with completion by year-end.

Member engagement increases

- Steve Abshier and Megan MacNee reported on a post-board meeting email summarizing discussions, which received positive feedback. Plans include incorporating committee updates into bi-weekly communications for better engagement.

  Action item: Sarah Valente to continue post-board meeting email summary to members and will include committee report highlights in MVCAC Bi-Weekly News Briefs (1-2 committee report highlights per bi-weekly)

Policy manual update

- Michelle Brown and Paula Macedo reported ongoing red-line edits and restructuring, with a meeting planned to divide tasks.

Engage private pest control

- Jennifer Henke reported progress in data gathering, with a group meeting planned and a plan targeted for fall.

Digital infrastructure

- No report.

Executive director / staff report
Staff report
Megan MacNee provided staffing updates, noting Rachel Hickerson's focus on conferences in her consulting role; administrative inquiries should go to Megan and Sarah.

- A new feedback/change form is launching for reporting issues or suggestions, to be distributed via newsletters and the website.

- Risk management improvements include added website information and documentation for transparency.
- Rachel Hickerson discussed the call for awards, requiring five letters for meritorious and honorary awards, and one recommendation for service with distinction; nominations are due before the fall meeting.

Meeting updates

- 2025/2026 meeting schedule
    - Wednesday, October 29th – Fall Virtual Board Meeting
    - December 2nd – 4th – Committee & Planning Meeting – Visalia Marriott
    - February 1-3 (4th board meeting) – 2026 Annual Conference Rancho Las Palmas Omni
    - 2027 Conference TBD-Sacramento
    - 2028 Conference TBD-Southern CA (San Jose or Santa Clara areas)
- Paula Macedo outlined the 2026 conference theme of "One Health," with Dr. Straub as plenary speaker, symposia including a managers' session, a 5K, and golf tournament. A $25 registration fee increase was proposed to cover costs, with a second lunch replacing the awards banquet for networking; awards may move to plenary for visibility. Discussion noted cost concerns for smaller districts but benefits for reimbursements.

It was moved, seconded and passed (MSP) to approve the $25 registration fee increase. (Macedo/Brown)

2027 & 2028 conference proposals:

Rachel Hickerson reported Sacramento and Long Beach unavailable for both years. Discussion favored matching locations with incoming presidents (Southern CA for 2027 with Michelle Brown). Options included Costa Mesa (economical but limited attractions) and Universal Studios (higher cost but more draw). Regional feedback emphasized cost for smaller districts, with Universal preferred over Disneyland.

Proposed action: Direction from the board to pursue Universal, CA for 2027.

It was moved, seconded and passed (MSP) to pursue Universal, CA for the 2027 conference. (Brown/Macedo)

Ongoing meeting format discussion:

Megan MacNee presented survey results (32 responses): 78% support continuing hybrid for in-person meetings; 38% would send staff in-person without virtual options, 38% maybe. Discussion noted hybrid's flexibility but challenges in engagement; expectations set for board/committee chairs to attend in-person. While not changes in the structure are needed at this time, staff and leadership will work to continue to outline expectations for committee meetings including focusing on engagement, discussion, and action items.

Action item: This is a potential addition to the MVCAC Policy Manual, staff will present at Fall Meeting

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Treasurer's report (attachments) *
MVCAC Financial Statements as of May 31, 2025
NPDES Financial Statements and as of May 31, 2025
Investment Matrix and as of May 31, 2025

Members discussed the dues structure with a 2% auto increase will be re-evaluated at the end of next fiscal year.

Ryan McNeil reported assets increased by $80,000, expenses decreased by $20,000 year-over-year. The Oakland conference yielded a $14,000 profit; investments gained $25,000 (exceeding $8,000 estimate).

Proposed action: Approval of the treasurer's report.

It was moved, seconded and passed (MSP) to approve the treasurer's report.
(Holeman/Brown)

Legislative & Regulatory report
Jeremy Wittie reported on SB 707 (Brown Act amendments, impacting teleconferencing/language translation) and encouraged legislator engagement. Jennifer Henke discussed pollinator protection code (3 CCR 6983), clarifying exemptions incompatible with current adulticides; ULV applications deemed to affect blossoming plants. Options presented; board sought regional feedback via survey.

Action item: MVCAC staff to survey membership on exemptions from county Ag commissioners.
Action item: Jennifer Henke to prepare questions for regions on committee direction.

It was moved, seconded and passed (MSP) for MVCAC staff to facilitate survey of members on who is getting exemption from county ag commissioners/current practices (Jennifer Henke to assist)
(Young/Abshier)

Committee reports
Committee action items & updates
(Please view the committee reports at the back of this packet for full information on the committees.)

- Nominations committee report: No update.
- Regulatory committee report: Jennifer Henke sought direction on pollinator code; discussion on exemptions, with survey planned as noted above.
- Additional committee action items & updates:
    - Sarah Wheeler (Reeves competition): Discussed low participation due to double publication concerns; options include maintaining format, scaling back written

requirements (just abstract, not the full paper), or presentation-only. Committee to refine recommendation.
  - Kelly Furey (VBD): List of labs/districts with mosquito colonies on website; survey on West Nile indicators due August 1.
  - Angela Caranci (VCR): Digitizing proceedings with e-scholar (no cost/liability); approved. Coordination on male release technologies; email for interest.
  - Chris Barker (CalSRV): Integrated data view and notification management updates; training August 13 from 12-1pm. R package for reports. Mid-season West Nile forecasting update due.

Reports from MVCAC regions/board
(Please review the regional reports as submitted at the back of this packet)

- Southern: Lora Young reported law enforcement interactions with field staff; seeking guidance. SIT releases ongoing/starting.
- South San Joaquin: Jodi Holeman reported brief meeting; feedback on PACVEC video; written report submitted.
- North San Joaquin: Rhiannon Jones reported normal operations; two human West Nile cases in Stanislaus; joint aircraft strategies; Merced acquiring drones; Eastside expanding facilities.
- Sacramento Valley: Steve Abshier reported high activity; West Nile detections to Shasta County; Sac-Yolo piloting Wolbachia-infected males.
- Coastal: Amanda Poulsen reported detection techniques for Aedes; continued detections; written report submitted.
- Trustee: No report.

Reports from other agencies
(Please review the reports as provided at the back of this packet)

- DART: Chris Barker reported surveillance/testing similar to last year; 69 pools tested for exotics; internship program ongoing; call for 2026 interns this fall.
- CDPH/VBDS: Vicki Kramer reported high West Nile activity (3 human cases/1 fatality, soon 6; 21 counties positive; 680 pools/51 birds). St. Louis in 3 counties. National dengue (2,300 travel-associated); CA: 61 dengue, 2 each chikungunya/Zika. 6 hantavirus cases (3 fatal). Enhanced surveillance in parks. Pesticide records reviewed. Website updates.
- VCJPA: Michelle Brown (for Omar) reminded of renewal applications/webinars.
- AMCA: Peter Bonkrude reported new Fish & Wildlife mosquito management guide; Kay Hagan Tick Act advocacy; CDC funding continued; deposition/Oropouche work; drone benefits; resource hub. Annual meeting on-demand launched.
- CSDA: No report.
- VBDN: Jennifer Henke reported written update; advocate for Kay Hagan Tick Act.
- Lyme Disease Advisory Committee: Kelly Furey reported last meeting April; next November.

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- CCHLO: Jeremy Wittie reported federal funding cuts; updating health jurisdiction regulations; annual conference October 15–17 in San Luis Obispo.

Old business
There was no old business.

New business
Michelle Brown discussed RFP for management/advocacy services as best practice; draft in progress. Motion to proceed.

It was moved, seconded and passed (MSP) to proceed with developing an RFP for management and advocacy services for the next contract cycle.
(Young/Holeman)

Action item: Michelle Brown to work with Megan MacNee on RFP draft for fall meeting.

Additional approved agenda items
None.

The meeting was adjourned at 12:26 PM
MSP (Holeman/Brown)

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Board of Directors Meeting Agenda

July 24, 2025 | 9:00 am to Noon
Via Zoom:
https://us02web.zoom.us/j/83398910069?pwd=iKgoUldS5o5HmweXqQvzWWGrKPn1Du.1

Items	*(* - Designates items requiring action)*	***Attachment/Page***
1.	Call to order and roll call	
2.	Announcements	
3.	Approval of prior meeting minutes*	
	a. Minutes of the April 23, 2025 meeting	4
	Proposed action: Approval of prior meeting minutes.	
4.	Approval of additional agenda items*	
	Proposed action: If needed, approval of additional agenda items.	
5.	Interim board decisions*	
	a. Approval of Cadmium Contract for 2026 Conference	
	Proposed action: If needed, motion to approve of interim board decisions since last board meeting.	
6.	President/Executive committee report	
	a. Reports from executive priority working groups	
	i. Trustee manual update	
	ii. Member engagement increases	
	iii. Policy manual update	
	iv. Engage private pest control	
	v. Digital infrastructure	
7.	Executive director / staff report	
	a. Staff report	
	i. Staffing updates	
	ii. New change form launched	
	iii. Updates on risk management improvements	
	iv. Call for Awards	
	b. Meeting updates	
	i. 2025/2026 meeting schedule	
	• Wednesday, October 29th – Fall Virtual Board Meeting	
	• December 2nd – 4th – Committee & Planning Meeting – Visalia Marriott	

- February 1-3 (4th board meeting) – 2026 Annual Conference Rancho Las Palmas Omni

ii. 2027 & 2028 conference proposals 46

Proposed action: Direction from the board to pursue specific contracts for both the 2027 & 2028 Conferences.

iii. Ongoing meeting format discussion

- Update on meeting structure adjustments
- Committee meeting format feedback 48

For discussion: Review member survey feedback and potential refinement or changes regarding spring/planning committee meetings.

8. Treasurer's report (attachments) * 10
   a. MVCAC Financial Statements as of May 31, 2025
   b. NPDES Financial Statements and as of May 31, 2025
   c. Investment Matrix and as of May 31, 2025

   Proposed action: Approval of the treasurer's report.
9. Legislative & Regulatory report
10. Committee reports 29
    a. Nominations committee report

       Proposed action: Ratification of the slate of officers including new nominations for Vice President and Trustee representation.
    b. Regulatory committee report 39

       Proposed action: Discussion and approval of recommended pollinator protection code letter.
    c. Additional committee action items & updates
11. Reports from MVCAC regions/board
    a. Southern
    b. South San Joaquin 52
    c. North San Joaquin
    d. Sacramento Valley
    e. Coastal 67
    f. Trustee
12. Reports from other agencies
    a. DART
    b. CDPH/VBDS
    c. VCJPA
    d. AMCA
    e. CSDA

f. Vector Borne Disease Network
g. Lyme Disease Advisory Committee
h. CCHLO

13. Old business
14. New business
15. Additional approved agenda items
16. Adjournment

Board of Directors Mee ng Minutes

April 23, 2025 | 9:00 am to Noon

Via Zoom

The Meeting was called to order at 9:02 AM by Steve Abshier, President.

Present:
Steve Abshier
Michelle Brown
Bruce Taylor
Jody Morgan
Amanda Poulsen
Greg Hebard
Lora Young
Ryan McNeil
Jodi Holeman

Excused:
Conlin Reis
Paula Macedo

Staff: Megan MacNee, Rachel Hickerson, Lisa Yarbrough and Vanessa Cajina

Announcements
There were no announcements

Approval of prior mee ng minutes*
It was moved, seconded and passed (MSP) to accept the minutes of the January 29, 2025 meetin . (Holeman/Poulsen)

Approval of addi onal agenda items*
Two agenda items were requested to be added to the agenda:

- High-heat employee regulations
- Emergency preparedness document for approval

MSP (Holeman/Brown)

Interim board decisions*
There was only one action taken since the last meeting, regarding AMCA bylaws changes to separate the Regulatory and Legislative Committees, which was approved.
MSP (Holeman/Young)

President/Execu ve commi ee report
Reports from executive priority working groups
Trustee manual update

- Peter Bonkrude reported that the manual is still in progress and the group is working on it section by section. They should have more to report on by the summer meeting.

Member engagement increases

- Steve and Megan have been working on a few areas to focus on.

Policy manual update

- Paula and Michelle are working on this line by line and will have a better update by summer.

Engage private pest control

- No Report

Digital infrastructure

- Eric Haas Stapleton reported on behalf of Dannyelle Frakes Lewis that they are working now on the more digital piece as the Google Workspace has been completed. There was a question regarding funds rolling over from this year into next year's budget. As noted, it doesn't roll over, but their request was received and is included in the budget set for approval.

MVCAC feedback form & tracking

Based on the discussions from the yearly service provider review, a feedback form is currently being developed. This will help staff with direct requests for changes in various areas, while keeping everyone informed on completion or notes. This will be set and rolled out in the next few weeks.

Action Item: Staff to finalize the form and have it ready for use in the next month

Execu ve director / staff report

Staff report

Contract Approval Policy and Risk Management Updates

Megan MacNee spoke about the contract approval policy which is designed to enhance oversight on contracts exceeding $10,000, requiring approvals from both the President and Treasurer. After discussion, the board reached a consensus to approve the policy with amendments, which was to add in tracking approved contracts in interim board actions, which then are voted on by the board at each board meeting.

MSP (Brown/Young)

Risk assessment next steps

Policies are being reviewed for potential gaps, including the one we just accepted on contract approvals. Other items are whistleblowers, destruction of property and defining an orientation process. It will be highly encouraged that board and committee chairs are familiar with the documents and transparency within the groups.

Other items we are working on to help with communication include highlighting what needs voting on in the agendas, hyperlinking to the pages and a high-level summary following meetings to be sent out to the board. A self-evaluation process is included with these items so the board can really say where they are and how they feel about what the board is doing.

Addi onal items

Next discussion was the idea of going to a bi-weekly newsletter instead of weekly. We would make sure this goes out on the opposite weeks as the AMCA one is sent out. The group feels this is a good idea. And refreshing the look and feel of it can help as well.

Acti n item: To update the weekly e-blast for biweekly including potentia look and feel changes

Mee ng updates

2025/2026 meeting schedule

- Thursday, July 24th – Summer Virtual Board Meeting
- Wednesday, October 29th – Fall Virtual Board Meetin
- December 2nd – 4th – Committee & Planning Meeting – Visalia Marriott
- February 1-3 (4th board meeting) – 2026 Annual Conference Rancho Las Palmas Omni
- 2027 Conference TBD-Sacramento
- 2028 Conference TBD-Southern CA

Rachel outlined the schedule for upcoming meetings, noting two virtual sessions and an in-person planning meeting in December at the Visalia Marriott. She shared excitement about the 2026 conference at Rancho Las Palmas Omni, mentioning potential activities like a golf tournament and a workshop. For the 2027 conference in Sacramento, adjustments to the schedule may be necessary due to conflicts with other large groups. The group agreed that if we needed to shift from a Sun-Wed pattern to a Tue-Fri pattern (or something similar) this would be okay.

Staff then discussed potential conference locations for 2028, as Long Beach does not have our dates available for 2027 or 2028. Two areas of highlight were Anaheim and Newport Beach as options. There was a degree of confidence that most attendees would favor Anaheim. The conversation also touched on the need for a clearer presentation of options, including costs and amenities. Staff is going to go back to various areas and compile more data to present in time for the summer meetin .

Acti n item: Staff compiling more data for the various areas we could consider for further directi n at the July Board Meeting

Ongoing meeti g format discussion

Committee meeting formats – hybrid, virtual, in-person
Regional meeting schedules/formats
For discussion: What is working, what is not working for our meeting formats. Looking forward what meeting should be hybrid, virtual, in-person. What is the purpose behind the different formats.

Advocates for hybrid meetings felt that they provide cost savings and greater accessibility for participants, especially new employees, though the challenges are completely understood. Staff wanted to ensure the effectiveness of hybrid engagement and suggested that if in-person meetings were reduced, virtual opportunities should still be maintained to foster collaboration.

Staff highlighted possible cost savings in audio-visual services and invited input on the hybrid meeting format. For many managers the hybrid format allows for greater staff involvement without travel costs. It is noted that when we are hybrid, those on the zoom aren't participating often, however many committee chairs noted their zoom meetings are highly collaborative and with a lot of discussion and inclusion.

As discussion continued, a few action items came up that can be further explored:

- Committee Participation: Strategies to increase participation from non-committee members and new employees
- Calendar and Meeting Structure: Need for a revamp of the committee meeting schedule and calendar for better accessibility
- Having a quarterly committee chair meeting via zoom. All agreed that this helped a lot in January.
- Keeping the Hybrid function but requiring the committee chairs to be in person (or a lead person in person) as giving the reports over zoom was not effective.

Acti n item: Survey to go out to the membership to gauge opinions regarding in-person, online, and hybrid committee meeting .

This led to further discussion about the Regional Rep's roles and responsibilities.

Lora Young and Amanda Poulsen addressed the learning curve associated with regional meetings especially for new to the board managers. Jodi Holeman contributed by sharing her structured approach to managing her region, including the use of Google Drive for documentation and communication. The group expressed interest in creating a regional rep meeting to share best practices and improve collaboration.

Acti n item: Discussion on providing resources and support for regional representati es to enhance their roles from MVCAC staff.

Treasurer's report (a achments) *
MVCAC Financial Statements as of February 28, 2025
NPDES Financial Statements and as of February 28, 2025
Investment Matrix and as of February 28, 2025

Treasurer Ryan McNeil gave a report on the current financials. We are starting to get to the end of the budget cycle, but our finances remain strong.
MSP to accept the Treasurers Report (Holeman/Brown)

2025-2026 Proposed Budget *
Ryan McNeil and staff went through a high level of the budget, as had been discussed already in depth at the budget meeting. It was noted that we are in the black, and this is helped by our dues structure that was put in place last year. A variety of questions regarding the budget were discussed.

There was an expressed desire for more diverse vendor participation at the conference, highlighting that the same vendors appear annually. Staff responded that the prospect list is created from previous conferences and suggested that members could help by reaching out to the companies they use and then sending them to Rachel Hickerson to help close the loop.
MSP Brown/Holeman

Legislati e & Regulatory report
Vanessa Cajina reported on key legislative developments, including SB601, which proposes significant changes to NPDES permitting. MVCAC will be submitting a position letter on this one as it has had some impact on our practices. The other one and SB89, which would have restricted glyphosate use, has been shelved but may be revisited. MVCAC will probably meet with the author in the summer months to help her understand the use of Public Health. Lastly is a bill by Hurtado which would appropriate funding from the Bond Bill for valley water plain issues. We are asking to be added to that scope as she was very helpful when the Tulare Lake incident happened. There are a lot of activities going on right now in the legislature with various items they are watching.

Lastly, the state budget is looking to be in deficit. It will be difficult to predict anything and the federal outlook won't be known in time for the June 15th CA deadline. This will bring up a potential need for adjustments later in the year.

Jeremy spoke about media reach out about SIT efforts. The LA Time recently published an article regarding this so to be on the look out.

Regulatory
Comments to department of Cannabis are ready to go for anticipation of the packet that will be released by the department. Reg Affairs is seeking guidance on the pollinator issue and what that is going to look like going forward.

NPDES- constant turnover in their staff has led the regulatory team to help with any training of new employees and what the districts do

Commi ee reports
Committee action items & updates
(Please view the committee reports at the back of this packet for full information on the committees.)
Below is any action items needed, or communication required

- The Drone workshop at conference would be best on Wednesday morning, which could affect the participation at the Board meeting.

Acti n item: Staff and board will discuss this and come up with timing for the board meeting

Chris Barker discussed updates from the CalSRV Steering Committee, including a new map-based data view and the need for unified agency boundary maps on the MVCAC website for the district map.

Reports from MVCAC regions/board
(Please review the regional reports as submitted at the back of this packet)

Reports from other agencies
(Please review the reports as provided at the back of this packet)
Action item: add CCHLO to the reports going forward

Old business
There was no old business

New business
No new business

Addi onal approved agenda items
The Emergency procedures working document is ready for vote and release. There were no major changes from the last time it was produced.
MSP (Brown/Poulsen)

Heat related employee procedure- There has been a question about MVCAC and involvement in high heat recommendations at each district. Discussion revolved around concerns about the implications of legal opinions on agricultural coverage and whether to seek advice from MVCAC or VCJPA legal counsel. It was highlighted that VCJPA's previous review was not as effective as anticipated, which led the discussion to consider the costs associated with obtaining a legal opinion, estimating around $1,000. The remaining discussion was regarding legal opinions and how they vary from each entity. It was decided to wait to see what the VCJPA board discusses at their next meeting then decide if this is more of a district by district need and not an overarching MVCAC need.

The meeting was adjourned at 11:58 AM
MSP (Holeman/Brown)

MVCAC

Balance Sheet

As of May 31, 2025

	TOTAL			
	AS OF MAY 31, 2025	AS OF MAY 31, 2024 (PY)	CHANGE	% CHANGE
ASSETS				
Current Assets				
Bank Accounts				
1004 Checking (Umpqua Bank)	125,443.52	72,495.72	52,947.80	73.04 %
1005 Money Market (Umpqua Bank)	5,020.13	5,017.62	2.51	0.05 %
1006 CMM	218,333.12	206,000.00	12,333.12	5.99 %
1072 Bill.com Money Out Clearing	-1,714.30	-2,754.75	1,040.45	37.77 %
RESERVES (UBS)	**328,894.14**	**314,289.04**	**14,605.10**	**4.65 %**
Total Bank Accounts	**$675,976.61**	**$595,047.63**	**$80,928.98**	**13.60 %**
Accounts Receivable				
1100 Accounts Receivable	0.00	1,435.50	-1,435.50	-100.00 %
Total Accounts Receivable	**$0.00**	**$1,435.50**	**$ -1,435.50**	**-100.00 %**
Other Current Assets				
1150 Prepaid Expenses-General	1,887.75	33,100.03	-31,212.28	-94.30 %
1155 Projects in Progress	35,000.00	25,020.06	9,979.94	39.89 %
Total Other Current Assets	**$36,887.75**	**$58,120.09**	**$ -21,232.34**	**-36.53 %**
Total Current Assets	**$712,864.36**	**$654,603.22**	**$58,261.14**	**8.90 %**
TOTAL ASSETS	**$712,864.36**	**$654,603.22**	**$58,261.14**	**8.90 %**
LIABILITIES AND EQUITY				
Liabilities				
Current Liabilities				
Accounts Payable				
2000 Accounts Payable	55,092.67	69,195.75	-14,103.08	-20.38 %
Total Accounts Payable	**$55,092.67**	**$69,195.75**	**$ -14,103.08**	**-20.38 %**
Total Current Liabilities	**$55,092.67**	**$69,195.75**	**$ -14,103.08**	**-20.38 %**
Total Liabilities	**$55,092.67**	**$69,195.75**	**$ -14,103.08**	**-20.38 %**
Equity				
3000 Opening Bal Equity	362,418.08	362,418.08	0.00	0.00 %
3900 Retained Earnings	212,973.25	41,913.94	171,059.31	408.12 %
3910 HB Munn Fund	22,150.00	22,150.00	0.00	0.00 %
Net Income	60,230.36	158,925.45	-98,695.09	-62.10 %
Total Equity	**$657,771.69**	**$585,407.47**	**$72,364.22**	**12.36 %**
TOTAL LIABILITIES AND EQUITY	**$712,864.36**	**$654,603.22**	**$58,261.14**	**8.90 %**

MVCAC

Budget vs. Actuals: Budget_FY25_P&L - FY25 P&L

July 2024 - May 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Income				
110.00 Annual Meeting Income				
110.01 Registrations	170,175.00	153,965.00	16,210.00	110.53 %
110.02 Sponsorships	43,150.00	35,000.00	8,150.00	123.29 %
110.03 Exhibitors	30,970.00	32,000.00	-1,030.00	96.78 %
110.04 Miscellaneous		2,500.00	-2,500.00	
110.05 Annual Mtg Advertising		1,900.00	-1,900.00	
110.06 Conference Tournament		1,000.00	-1,000.00	
110.07 Hotel Room Rebate		6,000.00	-6,000.00	
110.08 Workshop		1,000.00	-1,000.00	
110.09 5K	30.00	500.00	-470.00	6.00 %
110.10 Trustee Session	250.00	3,750.00	-3,500.00	6.67 %
Total 110.00 Annual Meeting Income	**244,575.00**	**237,615.00**	**6,960.00**	**102.93 %**
120.00 Publications Income				
120.01 Pamphlets, Guides, Misc		75.00	-75.00	
120.03 Postage	4.13	125.00	-120.87	3.30 %
120.04 Sales Tax	24.08		24.08	
120.05 Proceedings	214.16	150.00	64.16	142.77 %
120.06 Yearbook	275.00	850.00	-575.00	32.35 %
Total 120.00 Publications Income	**517.37**	**1,200.00**	**-682.63**	**43.11 %**
130.00 Dues Income				
130.01 Corporate Members	474,688.73	516,000.00	-41,311.27	91.99 %
130.02 Sustaining Members	8,450.00	15,000.00	-6,550.00	56.33 %
130.03 Associate Members	1,760.00	2,000.00	-240.00	88.00 %
130.04 Affiliate Members	1,250.00	2,000.00	-750.00	62.50 %
Total 130.00 Dues Income	**486,148.73**	**535,000.00**	**-48,851.27**	**90.87 %**
140.00 Advertising Income				
140.01 Yearbook Advertising	200.00	750.00	-550.00	26.67 %
140.04 Job Posting Advertising	200.00		200.00	
Total 140.00 Advertising Income	**400.00**	**750.00**	**-350.00**	**53.33 %**
150.00 Miscellaneous Income				
150.01 Interest, Gain/Loss on Invest	25,582.33	8,000.00	17,582.33	319.78 %
150.02 HB Munns Fund		1,000.00	-1,000.00	
150.06 Income from Credit Card Transaction		1,000.00	-1,000.00	
150.07 International Support Fund	4,600.00		4,600.00	
Total 150.00 Miscellaneous Income	**30,182.33**	**10,000.00**	**20,182.33**	**301.82 %**
Total Income	**$761,823.43**	**$784,565.00**	**$ -22,741.57**	**97.10 %**
GROSS PROFIT	**$761,823.43**	**$784,565.00**	**$ -22,741.57**	**97.10 %**
Expenses				
210.00 Annual Meeting Expense				
210.01 Hotel Expenses	195,026.14	125,000.00	70,026.14	156.02 %
210.02 Supplies	2,651.67	2,500.00	151.67	106.07 %

MVCAC

Budget vs. Actuals: Budget_FY25_P&L - FY25 P&L

July 2024 - May 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
210.03 Reeves and Walton Award	200.00	2,000.00	-1,800.00	10.00 %
210.04 Printing	14,750.00	15,000.00	-250.00	98.33 %
210.05 Awards and Raffle Prizes	509.31	600.00	-90.69	84.89 %
210.06 Banquet Program	1,461.76	6,000.00	-4,538.24	24.36 %
210.08 Speaker Expenses	704.47	3,500.00	-2,795.53	20.13 %
210.09 Conference Tournament		1,000.00	-1,000.00	
210.11 Exhibit Hall Set Up	7,154.69	5,200.00	1,954.69	137.59 %
210.12 Trustee Session	125.00	2,500.00	-2,375.00	5.00 %
210.13 Staff Travel - AMG	553.16	5,500.00	-4,946.84	10.06 %
210.131 Staff Travel - KP Public Af	2,354.72	3,500.00	-1,145.28	67.28 %
210.14 Audio Visual	1,950.00	40,000.00	-38,050.00	4.88 %
210.15 Convention Workshop Expense		1,000.00	-1,000.00	
210.18 Sponsored Printed Items	2,763.06	3,000.00	-236.94	92.10 %
210.19 5K		500.00	-500.00	
210.20 Convention Center Rental		15,000.00	-15,000.00	
210.21 Shipping		4,000.00	-4,000.00	
Total 210.00 Annual Meeting Expense	**230,203.98**	**235,800.00**	**-5,596.02**	**97.63 %**
220.00 Continuing Education Expense				
220.01 Production Costs		2,000.00	-2,000.00	
Total 220.00 Continuing Education Expense		**2,000.00**	**-2,000.00**	
300.00 Legal Expense				
300.01 Requested Counsel	496.25	4,000.00	-3,503.75	12.41 %
Total 300.00 Legal Expense	**496.25**	**4,000.00**	**-3,503.75**	**12.41 %**
400.00 Legislative Program Expense				
400.01 Advocate Contract	100,000.00	129,450.00	-29,450.00	77.25 %
400.05 Printing, Awards, Misc		100.00	-100.00	
400.06 Capitol Advantage		8,000.00	-8,000.00	
400.07 Legislative Day	5,467.13		5,467.13	
400.09 FPPC Filing Fees	1,200.00	1,200.00	0.00	100.00 %
Total 400.00 Legislative Program Expense	**106,667.13**	**138,750.00**	**-32,082.87**	**76.88 %**
500.00 Regulatory Program Expense				
500.01 Regulatory Contract	50,000.00	60,000.00	-10,000.00	83.33 %
Total 500.00 Regulatory Program Expense	**50,000.00**	**60,000.00**	**-10,000.00**	**83.33 %**
600.00 Mgmt Services & Admin Exp				
600.01 Management Contract	145,673.00	158,916.00	-13,243.00	91.67 %
600.015 Communications & Public Relatio	62,247.77	72,000.00	-9,752.23	86.46 %
600.016 PR Expenses	4,758.71	10,000.00	-5,241.29	47.59 %
600.02 Insurance	4,229.62	4,000.00	229.62	105.74 %
600.03 CC Trans./Bank Fees	8,898.12	7,000.00	1,898.12	127.12 %
600.04 Audit/Financial Review	16,220.00	23,000.00	-6,780.00	70.52 %
600.05 Telephone,Fax,& Internet	660.00	750.00	-90.00	88.00 %
600.06 Photocopies	412.20	500.00	-87.80	82.44 %

MVCAC

Budget vs. Actuals: Budget_FY25_P&L - FY25 P&L

July 2024 - May 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
600.07 AMCA Annual Mt		675.00	-675.00	
600.10 AMCA Sustaining Membersh	675.00		675.00	
600.12 State Filing Fees &Taxes	300.00	500.00	-200.00	60.00 %
600.15 Membership/Website	16,985.61	15,000.00	1,985.61	113.24 %
600.16 Postage	633.72	500.00	133.72	126.74 %
600.17 Supplies	18.38		18.38	
600.18 Computer Equipment	330.00	500.00	-170.00	66.00 %
600.21 Storage	994.95	500.00	494.95	198.99 %
600.22 Professional Services		805.00	-805.00	
600.23 West Nile Virus Call Center	10,000.00	10,000.00	0.00	100.00 %
Total 600.00 Mgmt Services & Admin Exp	**273,037.08**	**304,646.00**	**-31,608.92**	**89.62 %**
700.00 Publications Expense				
700.01 Annual Conf Proceedings	7,761.10	9,000.00	-1,238.90	86.23 %
700.02 Annual Yearbook	4,524.62	2,000.00	2,524.62	226.23 %
700.06 Editor's Fee	3,200.00	4,000.00	-800.00	80.00 %
Total 700.00 Publications Expense	**15,485.72**	**15,000.00**	**485.72**	**103.24 %**
800.00 Fall, Planning & Spring Meeting				
800.02 Fall, Planning & Spring Meeting				
800.021 AV		7,500.00	-7,500.00	
800.022 Hotel (Room Rental and F&B)	22,506.82	10,000.00	12,506.82	225.07 %
800.024 Staff Travel - AMG	3,196.09	3,000.00	196.09	106.54 %
800.025 Staff Travel - KP Public Af		2,000.00	-2,000.00	
Total 800.02 Fall, Planning & Spring Meeting	**25,702.91**	**22,500.00**	**3,202.91**	**114.24 %**
Total 800.00 Fall, Planning & Spring Meeting	**25,702.91**	**22,500.00**	**3,202.91**	**114.24 %**
Total Expenses	**$701,593.07**	**$782,696.00**	**$ -81,102.93**	**89.64 %**
NET OPERATING INCOME	**$60,230.36**	**$1,869.00**	**$58,361.36**	**3,222.60 %**
Other Income				
170.00 Surveillance Income				
170.01 Mosquito Pool Tests	309,364.00		309,364.00	
170.02 Sentinel Chickens	4,030.50		4,030.50	
Total 170.00 Surveillance Income	**313,394.50**		**313,394.50**	
Total Other Income	**$313,394.50**	**$0.00**	**$313,394.50**	**0.00%**
Other Expenses				
270.00 Surveillance Expense				
270.01 UC Davis - Pools	309,364.00		309,364.00	
270.02 Sentinel Chicken Farms	4,030.50		4,030.50	
Total 270.00 Surveillance Expense	**313,394.50**		**313,394.50**	
Total Other Expenses	**$313,394.50**	**$0.00**	**$313,394.50**	**0.00%**
NET OTHER INCOME	**$0.00**	**$0.00**	**$0.00**	**0.00%**
NET INCOME	**$60,230.36**	**$1,869.00**	**$58,361.36**	**3,222.60 %**

MVCAC

Profit and Loss

July 2024 - May 2025

	TOTAL			
	JUL 2024 - MAY 2025	JUL 2023 - MAY 2024 (PY)	CHANGE	% CHANGE
Income				
110.00 Annual Meeting Income				
110.01 Registrations	170,175.00	138,680.00	31,495.00	22.71 %
110.02 Sponsorships	43,150.00	33,250.00	9,900.00	29.77 %
110.03 Exhibitors	30,970.00	28,675.00	2,295.00	8.00 %
110.05 Annual Mtg Advertising		1,900.00	-1,900.00	-100.00 %
110.07 Hotel Room Rebate		8,657.29	-8,657.29	-100.00 %
110.09 5K	30.00		30.00	
110.10 Trustee Session	250.00		250.00	
Total 110.00 Annual Meeting Income	**244,575.00**	**211,162.29**	**33,412.71**	**15.82 %**
120.00 Publications Income				
120.03 Postage	4.13	13.05	-8.92	-68.35 %
120.04 Sales Tax	24.08	32.73	-8.65	-26.43 %
120.05 Proceedings	214.16	338.86	-124.70	-36.80 %
120.06 Yearbook	275.00		275.00	
Total 120.00 Publications Income	**517.37**	**384.64**	**132.73**	**34.51 %**
130.00 Dues Income				
130.01 Corporate Members	474,688.73	492,632.47	-17,943.74	-3.64 %
130.02 Sustaining Members	8,450.00	15,503.00	-7,053.00	-45.49 %
130.03 Associate Members	1,760.00	3,061.00	-1,301.00	-42.50 %
130.04 Affiliate Members	1,250.00	4,049.00	-2,799.00	-69.13 %
Total 130.00 Dues Income	**486,148.73**	**515,245.47**	**-29,096.74**	**-5.65 %**
140.00 Advertising Income				
140.01 Yearbook Advertising	200.00	774.00	-574.00	-74.16 %
140.04 Job Posting Advertising	200.00	200.00	0.00	0.00 %
Total 140.00 Advertising Income	**400.00**	**974.00**	**-574.00**	**-58.93 %**
150.00 Miscellaneous Income				
150.01 Interest, Gain/Loss on Invest	25,582.33	14,653.44	10,928.89	74.58 %
150.07 International Support Fund	4,600.00	6,000.00	-1,400.00	-23.33 %
Total 150.00 Miscellaneous Income	**30,182.33**	**20,653.44**	**9,528.89**	**46.14 %**
Total Income	**$761,823.43**	**$748,419.84**	**$13,403.59**	**1.79 %**
GROSS PROFIT	**$761,823.43**	**$748,419.84**	**$13,403.59**	**1.79 %**
Expenses				
210.00 Annual Meeting Expense				
210.01 Hotel Expenses	195,026.14	79,474.84	115,551.30	145.39 %
210.02 Supplies	2,651.67	2,951.34	-299.67	-10.15 %
210.03 Reeves and Walton Award	200.00	1,376.11	-1,176.11	-85.47 %
210.04 Printing	14,750.00	6,721.21	8,028.79	119.45 %
210.05 Awards and Raffle Prizes	509.31	1,318.51	-809.20	-61.37 %
210.06 Banquet Program	1,461.76	51,271.28	-49,809.52	-97.15 %

MVCAC

Profit and Loss

July 2024 - May 2025

	TOTAL			
	JUL 2024 - MAY 2025	JUL 2023 - MAY 2024 (PY)	CHANGE	% CHANGE
210.08 Speaker Expenses	704.47	1,713.46	-1,008.99	-58.89 %
210.11 Exhibit Hall Set Up	7,154.69	5,085.69	2,069.00	40.68 %
210.12 Trustee Session	125.00	579.10	-454.10	-78.41 %
210.13 Staff Travel - AMG	553.16	6,356.80	-5,803.64	-91.30 %
210.131 Staff Travel - KP Public Af	2,354.72	5,191.89	-2,837.17	-54.65 %
210.14 Audio Visual	1,950.00	29,216.13	-27,266.13	-93.33 %
210.15 Convention Workshop Expense		700.00	-700.00	-100.00 %
210.18 Sponsored Printed Items	2,763.06	1,589.49	1,173.57	73.83 %
210.19 5K		338.88	-338.88	-100.00 %
210.20 Convention Center Rental		13,492.50	-13,492.50	-100.00 %
Total 210.00 Annual Meeting Expense	**230,203.98**	**207,377.23**	**22,826.75**	**11.01 %**
300.00 Legal Expense				
300.01 Requested Counsel	496.25		496.25	
Total 300.00 Legal Expense	**496.25**		**496.25**	
400.00 Legislative Program Expense				
400.01 Advocate Contract	100,000.00	120,000.00	-20,000.00	-16.67 %
400.07 Legislative Day	5,467.13	728.65	4,738.48	650.31 %
400.09 FPPC Filing Fees	1,200.00	800.80	399.20	49.85 %
Total 400.00 Legislative Program Expense	**106,667.13**	**121,529.45**	**-14,862.32**	**-12.23 %**
500.00 Regulatory Program Expense				
500.01 Regulatory Contract	50,000.00	60,000.00	-10,000.00	-16.67 %
Total 500.00 Regulatory Program Expense	**50,000.00**	**60,000.00**	**-10,000.00**	**-16.67 %**
600.00 Mgmt Services & Admin Exp		3.43	-3.43	-100.00 %
600.01 Management Contract	145,673.00	120,548.00	25,125.00	20.84 %
600.015 Communications & Public Relatio	62,247.77	61,223.87	1,023.90	1.67 %
600.016 PR Expenses	4,758.71	2,946.00	1,812.71	61.53 %
600.02 Insurance	4,229.62	3,716.00	513.62	13.82 %
600.03 CC Trans./Bank Fees	8,898.12	10,563.21	-1,665.09	-15.76 %
600.04 Audit/Financial Review	16,220.00	27,100.00	-10,880.00	-40.15 %
600.05 Telephone,Fax,& Internet	660.00	660.00	0.00	0.00 %
600.06 Photocopies	412.20	323.30	88.90	27.50 %
600.10 AMCA Sustaining Membersh	675.00		675.00	
600.12 State Filing Fees &Taxes	300.00	639.86	-339.86	-53.11 %
600.15 Membership/Website	16,985.61	25,839.48	-8,853.87	-34.26 %
600.16 Postage	633.72	673.16	-39.44	-5.86 %
600.17 Supplies	18.38		18.38	
600.18 Computer Equipment	330.00	120.00	210.00	175.00 %
600.20 Miscellaneous		123.81	-123.81	-100.00 %
600.21 Storage	994.95	830.80	164.15	19.76 %
600.22 Professional Services		133.49	-133.49	-100.00 %

MVCAC

Profit and Loss

July 2024 - May 2025

	TOTAL			
	JUL 2024 - MAY 2025	JUL 2023 - MAY 2024 (PY)	CHANGE	% CHANGE
600.23 West Nile Virus Call Center	10,000.00	10,000.00	0.00	0.00 %
Total 600.00 Mgmt Services & Admin Exp	**273,037.08**	**265,444.41**	**7,592.67**	**2.86 %**
700.00 Publications Expense				
700.01 Annual Conf Proceedings	7,761.10	11,939.18	-4,178.08	-34.99 %
700.02 Annual Yearbook	4,524.62	3,612.00	912.62	25.27 %
700.06 Editor's Fee	3,200.00		3,200.00	
Total 700.00 Publications Expense	**15,485.72**	**15,551.18**	**-65.46**	**-0.42 %**
800.00 Fall, Planning & Spring Meeting				
800.02 Fall, Planning & Spring Meeting		0.00	0.00	
800.022 Hotel (Room Rental and F&B)	22,506.82	18,802.48	3,704.34	19.70 %
800.024 Staff Travel - AMG	3,196.09	2,868.50	327.59	11.42 %
800.025 Staff Travel - KP Public Af		1.14	-1.14	-100.00 %
Total 800.02 Fall, Planning & Spring Meeting	**25,702.91**	**21,672.12**	**4,030.79**	**18.60 %**
Total 800.00 Fall, Planning & Spring Meeting	**25,702.91**	**21,672.12**	**4,030.79**	**18.60 %**
Total Expenses	**$701,593.07**	**$691,574.39**	**$10,018.68**	**1.45 %**
NET OPERATING INCOME	**$60,230.36**	**$56,845.45**	**$3,384.91**	**5.95 %**
Other Income				
170.00 Surveillance Income				
170.01 Mosquito Pool Tests	309,364.00	393,008.00	-83,644.00	-21.28 %
170.02 Sentinel Chickens	4,030.50	3,696.00	334.50	9.05 %
Total 170.00 Surveillance Income	**313,394.50**	**396,704.00**	**-83,309.50**	**-21.00 %**
Total Other Income	**$313,394.50**	**$396,704.00**	**$ -83,309.50**	**-21.00 %**
Other Expenses				
270.00 Surveillance Expense				
270.01 UC Davis - Pools	309,364.00	290,928.00	18,436.00	6.34 %
270.02 Sentinel Chicken Farms	4,030.50	3,696.00	334.50	9.05 %
Total 270.00 Surveillance Expense	**313,394.50**	**294,624.00**	**18,770.50**	**6.37 %**
Total Other Expenses	**$313,394.50**	**$294,624.00**	**$18,770.50**	**6.37 %**
NET OTHER INCOME	**$0.00**	**$102,080.00**	**$ -102,080.00**	**-100.00 %**
NET INCOME	**$60,230.36**	**$158,925.45**	**$ -98,695.09**	**-62.10 %**

MVCAC NPDES Coalition

Balance Sheet

As of May 31, 2025

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
1005 Umpqua Bank (Checking)	3,419.61
1006 Capital One 360	89,300.47
Total Bank Accounts	**$92,720.08**
Total Current Assets	**$92,720.08**
TOTAL ASSETS	**$92,720.08**
LIABILITIES AND EQUITY	
Liabilities	
Total Liabilities	
Equity	
3900 Retained Earnings	93,778.28
Net Income	-1,058.20
Total Equity	**$92,720.08**
TOTAL LIABILITIES AND EQUITY	**$92,720.08**

MVCAC NPDES Coalition

Profit and Loss

July 2024 - May 2025

	TOTAL
Income	
150.00 Miscellaneous	
150.01 Interest	81.80
Total 150.00 Miscellaneous	**81.80**
Total Income	**$81.80**
GROSS PROFIT	**$81.80**
Expenses	
300.02 NPDES Legal	1,140.00
Total Expenses	**$1,140.00**
NET OPERATING INCOME	**$ -1,058.20**
NET INCOME	**$ -1,058.20**

UBS Financial Services Inc.
1610 Arden Way
Suite 200
Sacramento CA 95815-4041

ANQ70048678130525 SO 0

Investment Account

May 2025

MOSQUITO AND VECTOR CONTROL
ASSN OF CALIFORNIA (MVCAC)
ONE CAPITOL MALL
SUITE 800
SACRAMENTO CA 95814-3274

Account name: MOSQUITO AND VECTOR CONTROL ASSN OF CALIFORNIA (MVCAC)

Account number: SO 13621 61

Your Financial Advisor:
BRUCE PEARSON
Branch: 916-648-7200/800-678-6783

Visit our website:
www.ubs.com/financialservices

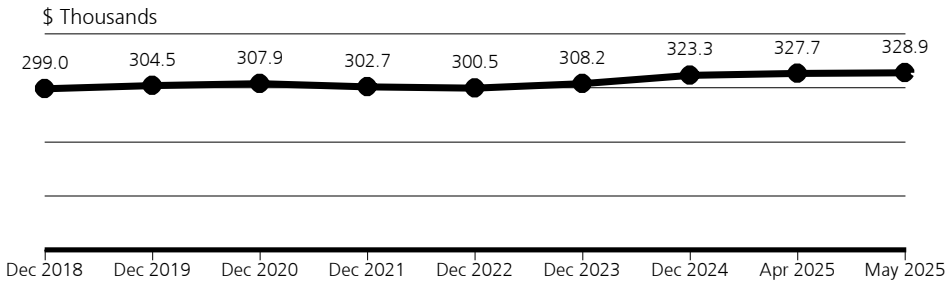
Items for your attention

- Help protect yourself from fraud and review bank, credit card and brokerage statements regularly. Also, get your free credit report annually from www.annualcreditreport.com.

Value of your account

	on April 30 ($)	on May 30 ($)
Your assets	327,742.48	328,894.18
Your liabilities	0.00	0.00
Value of your account	**$327,742.48**	**$328,894.18**

Tracking the value of your account



Sources of your account growth during 2025

Value of your account at year end 2024	$323,296.26
Your investment return:	
Dividend and interest income	$5,597.92
Change in market value	$0.00
Value of your account on May 30, 2025	**$328,894.18**

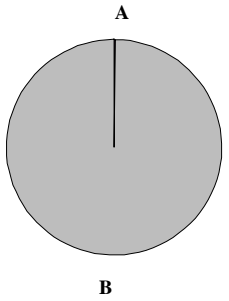
Your account balance sheet

Summary of your assets

		Value on May 30 ($)	Percentage of your account
A	Cash and money balances	767.01	0.23%
B	Cash alternatives	328,127.17	99.77%
C	Equities	0.00	0.00%
D	Fixed income	0.00	0.00%
E	Non-traditional	0.00	0.00%
F	Commodities	0.00	0.00%
G	Other	0.00	0.00%
Total assets		**$328,894.18**	**100.00%**

Value of your account **$328,894.18**

Your current asset allocation



▸ *Cash and money balances* may include available cash balances, deposit balances at UBS Bank USA and other participating banks through the UBS Bank Sweep Programs and the UBS FDIC-Insured Deposit Program, and money market fund sweep balances. See *Important information about your statement* at the end of this document.

Eye on the markets

Index	Percentage change May 2025	Percentage change Year to date
S&P 500	6.29%	1.06%
Russell 3000	6.34%	0.64%
MSCI - Europe, Australia & Far East	4.72%	17.31%
Barclays Capital U.S. Aggregate Bond Index	-0.72%	2.45%

Interest rates on May 30, 2025
3-month Treasury bills: 4.20%
One-month SOFR: 4.31%

Change in the value of your account

	May 2025 ($)	Year to date ($)
Opening account value	**$327,742.48**	**$323,296.26**
Dividend and interest income	1,151.70	5,597.92
Closing account value	**$328,894.18**	**$328,894.18**

Dividend and interest income earned

For purposes of this statement, taxability of interest and dividend income has been determined from a US tax reporting perspective. Based upon the residence of the account holder, account type, or product type, some interest and/or dividend payments may not be subject to United States (US) and/or Puerto Rico (PR) income taxes. The client monthly statement is not intended to be used and cannot be relied upon for tax purposes. Clients should refer to the applicable tax reporting forms they receive from UBS annually, such as the Forms 1099 and the Forms 480, for tax reporting information. It is the practice of UBS to file the applicable tax reporting forms with the US Internal Revenue Service and PR Treasury Department, and in such forms accurately classify dividends and/or interest as tax exempt or taxable income. Please consult your individual tax preparer.

	May 2025 ($)	Year to date ($)
Taxable dividends	1,151.68	5,597.78
Taxable interest	0.02	0.14
Total current year	**$1,151.70**	**$5,597.92**
Total dividend & interest	**$1,151.70**	**$5,597.92**

Cash activity summary

See *Account activity* this month for details. Balances in your Sweep Options are included in the opening and closing balances value. FDIC insurance applies to deposits at UBS Bank USA and all banks participating in the UBS FDIC-Insured Deposit Program and the UBS Insured Sweep Program, provided that the requirements for deposit insurance have been met. FDIC deposit insurance only covers the failure of an insured bank. UBS Financial Services Inc. is not an FDIC-insured bank. Bank deposits are not protected by SIPC. See *Important Information about your statement* at the end of this document.

	May 2025 ($)	Year to date ($)
Opening balances	**$766.99**	**$766.87**
Additions		
Dividend and interest income	1,151.70	5,597.92
Total additions	**$1,151.70**	**$5,597.92**
Subtractions		
Funds withdrawn for investments bought	-1,151.68	-5,597.78
Total subtractions	**-$1,151.68**	**-$5,597.78**
Net cash flow	**$0.02**	**$0.14**
Closing balances	**$767.01**	**$767.01**

UBS Insured Sweep Program Account APY *

Interest period Apr 5 - May 6

Opening UBS Insured Sweep Program balance Apr 5	$766.99
Closing UBS Insured Sweep Program balance May 6	$767.01
Number of days in interest period	32
Average daily balance	$766.99
Interest earned	$0.02
Annual percentage yield earned	0.03%

*Deposit sweep balances in advisory accounts established after the 5th business day of the month will accrue interest at the brokerage rate assigned to your tier until the beginning of the next interest period. If the advisory rate for your tier is higher than the brokerage rate, the difference will be credited to your account at the beginning of the next interest period.

Your investment objectives:

You have identified the following investment objectives for this account. If you have questions about these objectives, disagree with them, or wish to change them, please contact your Financial Advisor or Branch Manager. You can find a full description of the alternative investment objectives in *Important information about your statement* at the end of this document.

Your return objective:
Current income
Your risk profile:
Primary - Moderate
Investment eligibility consideration - None selected

Your account instructions

- Your account cost basis default closing method is FIFO, First In, First Out.

Your assets

Some prices, income and current values shown may be approximate. As a result, gains and losses may not be accurately reflected. See *Important information about your statement* at the end of this document for more information.

Cash

Cash and money balances

Cash and money balances include available cash balances, deposit account balances at UBS Bank USA and banks participating in the UBS FDIC-Insured Deposit Program and the UBS Insured Sweep Program, and money market mutual fund sweep balances.

Deposit account balances at UBS Bank USA and all banks participating in the UBS FDIC-Insured Deposit Program and the UBS Insured Sweep Program are insured by the FDIC up to $250,000 per depositor per ownership category but are not protected by SIPC. Money market sweep balances are protected by SIPC but are not insured by the FDIC.

For FDIC insurance purposes, deposit balances include deposit account balances held at UBS Bank USA through the UBS deposit sweep programs, certificates of deposit and UBS Bank USA Core Savings. FDIC insurance is calculated by ownership category (e.g., single, joint, retirement, business, trust). As a result, you will need to review your deposit amounts in each ownership category to determine whether your deposit balances are fully insured. For more information, visit www.fdic.gov. Please review this section as well as the "Cash alternatives" and "Fixed income" sections to review the current deposit balances held at UBS Bank USA.

See the *Important information about your statement* at end of this document for details about those balances.

Holding	Opening balance on May 1 ($)	Closing balance on May 30 ($)	Price per share on May 30 ($)	Average rate	Dividend/Interest period	Days in period
UBS Insured Sweep Prgm	766.99	767.01				

UBS Insured Sweep Program

Priority	Bank Name	Closing balance on May 30 ($)	Status
1	UBS Bank USA	767.01	
2	Truist Bank	0.00	
3	Synovus Bank	0.00	
4	Citibank, National Association	0.00	
5	Banc of California	0.00	
6	Barclays Bank Delaware	0.00	
7	The Huntington National Bank	0.00	

Priority	Bank Name	Closing balance on May 30 ($)	Status
8	EagleBank	0.00	
9	Associated Bank	0.00	
10	CIBC Bank USA	0.00	
11	Valley National Bank	0.00	
12	Pinnacle Bank	0.00	
13	Tristate Capital Bank	0.00	(2)
14	HSBC Bank USA	0.00	
	TOTAL	**$767.01**	

Status

(2) - This Bank is at deposit capacity and may temporarily stop taking new deposits until capacity is available

Your assets (continued)

Cash alternatives

Money market funds

Money market funds are neither insured nor guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Institutional prime and institutional municipal funds must float their net asset values (NAV) per share to the nearest 1/100th of a cent (e.g., $1.0000). Government and retail money market funds will continue to transact at a stable $1.00 net asset value. Although money market funds seek to preserve the value of your investment at $1.00 per share, it is possible to lose money by investing in these funds.

Total reinvested is the total of all reinvested dividends. It does not include any cash dividends. It is not a tax lot for purposes of determining holding periods or cost basis. The shares you receive each time you reinvest dividends become a separate tax lot.

Cost basis is the total purchase cost of the security, including reinvested dividends. The cost basis may need to be adjusted for return of capital payments in order to determine the adjusted cost basis for tax reporting purposes.

Unrealized (tax) gain or loss is the difference between the current value and the cost basis and would generally be your taxable gain or loss if the security was sold on this date. The unrealized (tax) gain or loss may need to be adjusted for return of capital payments in order to determine the realized gain or loss for tax reporting purposes.

Investment return is the current value minus the amount you invested. It does not include shares that are not reflected on your statement, including shares that have been realized as either a gain or a loss. It also does not include cash dividends that were not reinvested.

Estimated annual income (EAI) is for informational purposes only and is calculated by the annualized per share dividend/interest paid, multiplied by the quantity of the shares held.

Current yield is estimated for informational purposes only and may not reflect changes in price. It is calculated by dividing the total estimated annual income by the current market value displayed.

Holding	Number of shares	Purchase price/ Average price per share ($)	Client investment ($)	Cost basis ($)	Price per share on May 30 ($)	Value on May 30 ($)	Unrealized gain or loss ($)	Investment return ($)	Holding period
UBS SELECT 100% US TREASURY FUND CLASS INSTITUTIONAL	328,127.170	---This information was unavailable---			1.0000	328,127.17			
EAI: $13,617 Current yield: 4.15%									

Your total assets

		Value on May 30 ($)	Percentage of your account	Cost basis ($)	Estimated annual income ($)	Unrealized gain or loss ($)
Cash	**Cash and money balances**	**767.01**	**0.23%**	**767.01**		
Cash alternatives	* **Money market funds**	**328,127.17**	**99.77%**		**13,617.00**	
Total		**$328,894.18**	**100.00%**	**$767.01**	**$13,617.00**	

* Missing cost basis information.

Account activity this month

	Date	Activity	Description	Amount ($)
Dividend and interest income				
Taxable dividends	May 30	Dividend	UBS SELECT 100% US TREASURY FUND CLASS INSTITUTIONAL SYMBOL: SIOXX	1,151.68
	Total taxable dividends			**$1,151.68**
Taxable interest	May 7	Interest	UBS INSURED SWEEP PROGRAM AS OF 05/06/25	0.02
	Total taxable interest			**$0.02**
	Total dividend and interest income			**$1,151.70**

Investment transactions

For more information about the price/value shown for restricted securities, see *Important information about your statement* at the end of this document.

Date	Activity	Description	Quantity	Value ($)	Price ($)	Proceeds from investment transactions ($)	Funds withdrawn for investments bought ($)	Accrued interest ($)
May 30	Reinvestment	UBS SELECT 100% US TREASURY FUND CLASS INSTITUTIONAL DIVIDEND REINVESTED AT 1.00 NAV ON 05/30/25 SYMBOL: SIOXX	1,151.680				-1,151.68	
Total							**-$1,151.68**	

	Date	Activity	Description	Amount ($)
Money balance activities	**Apr 30**	**Balance forward**		**$766.99**
	May 7	Deposit	UBS INSURED SWEEP PROGRAM AS OF 05/06/25	0.02
	May 30	**Closing UBS Insured Sweep Program**		**$767.01**

UBS

Your notes

Important information about your statement

This statement represents the only official record of your UBS Financial Services Inc. ("UBS Financial Services" or the "Firm") account. It is intended for your use only and cannot be relied upon by third parties. Other records, except official tax documents, containing conflicting data should not be relied upon.

Although all figures shown are intended to be accurate, statement data should not be used for tax purposes. Rely solely on year-end tax forms, (i.e., Form 1099, 5498, 1042S, etc.) when preparing your tax return. The Firm is required by law to report to the IRS all taxable dividends, reportable non-taxable dividends and taxable interest earned on securities held in your account, net proceeds on sale transactions, and cost basis on certain covered securities.

Your privacy and financial security are a priority for us. Please review account statements carefully and if there are transactions you do not recognize or if you believe there is any inaccuracy or discrepancy, please report it immediately in writing to the Branch Manager of the office serving your account. Written communication should be directed to UBS only (@ubs.com or postal mail) to ensure proper and secure record keeping for your protection. If the financial institution on the top left of the front of this statement is not UBS Financial Services Inc., UBS Financial Services carries your account as clearing broker by arrangement with the indicated institution. We informed you of this relationship when you opened this account. In this case, your funds and securities are located at UBS Financial Services and not the introducing broker, and you must make a report of any error or omission to **both** firms. Please make all checks payable to the Firm or the financial institution indicated on the front of this statement. Please re-confirm any oral communications in writing to further protect your rights, including your rights under the Securities Investor Protection Act (SIPA).

- For general account questions, contact your Financial Advisor or Customer Service at 888-279-3343.
- For TTY services: Call 844-612-0986 or from outside the U.S.: Call 201-352-1495
- All statements shall be deemed complete and accurate if not objected to in writing within 60 days.
- You must notify us of any errors or fraud involving checks reflected on your statement within 30 days after it was mailed or made available.
  In case of errors or questions about an electronic funds transfer (EFT), bill payment or UBS Visa® debit card transactions, call 800-762-1000, or write to UBS Financial Services Inc., 315 Deaderick St 5th Floor Attn: RMA/BSA Services Nashville TN 37238 . Call or write as soon as you can if you think your statement or receipt is wrong or if you need more information about a transfer on the statement or receipt. The Firm or Card Issuer (as applicable) must hear from you no later than 60 days after the Firm sent you the FIRST statement on which the error or problem appeared.
  – Provide your name and account number (if any).
  – Describe the error or the transfer you are unsure about and explain as clearly as you can why you believe it is an error or why you need more information.
  – Provide the dollar amount of the suspected error.

The Firm or Card Issuer will investigate your complaint and will correct any error promptly. For alleged errors involving UBS Visa® debit card transactions, if we take more than 10 business days to do this, we will credit your account for the amount you think is in error, so that you will have the use of the money during the time it takes us to complete our investigation.

- To submit a customer complaint, please contact the Firm's Client Relations Department at 201-352-1699 or toll-free at 800-354-9103, 8:00 a.m. to 5:00 p.m. ET Monday through Friday, or in writing to UBS Financial Services Inc., Client Relations Department, P.O. Box 766 Union City, NJ 07087.

Investment objectives
The investment objectives and risk profile are specific to each account and may vary between your accounts. Please advise the Firm promptly in writing of any significant change in your financial situation or investment objectives. For each account held, you choose one of the following investment objectives:

- *Produce Current Income*: Investments seeking the generation of income only.
- *Achieve Capital Appreciation*: Investments seeking growth of principal rather than the generation of income.
- *Produce Combination of Income and Capital Appreciation*: Investments seeking both the generation of income and growth of principal.

Overall risk profiles

- *Conservative*: Seeks to maintain initial principal, with low risk and volatility to the account overall, even if that means the account does not generate significant income or returns and may not keep pace with inflation.
- *Moderate*: Willing to accept some risk to principal and tolerate some volatility to seek higher returns.
- *Aggressive*: Willing to accept high risk to principal and high volatility to seek high returns over time.
- *Investment Eligibility Consideration*: If selected, a portion of the portfolio for that account may include complex strategies, limited liquidity, and greater volatility.

UBS Sweep Options
UBS offers options for sweeping cash balances to bank deposit accounts at affiliated and non-affiliated banks and money market mutual funds (Money Funds). Deposit accounts at UBS Bank USA and non-affiliated banks participating in the UBS FDIC-Insured Deposit Program and the UBS Insured Sweep Program are FDIC insured in accordance with FDIC rules, provided that the requirements for deposit insurance are met. FDIC deposit insurance only covers the failure of an insured bank. UBS Financial Services Inc. is not an FDIC-insured bank. For more information, please visit www.fdic.gov. Shares of Money Funds are not insured by the FDIC. Bank deposits are not protected by SIPC. Money Fund shares are protected by SIPC. Deposit sweep balances in advisory accounts established after the 5th business day of the month will accrue interest at the brokerage rate assigned to your tier until the beginning of the next interest period. If the advisory rate for your tier is higher than the brokerage rate, the difference will be credited to your account at the beginning of the next interest period.

Upon your request, balances in the bank deposits may be withdrawn, and shares of a Money Fund may be liquidated, and the proceeds returned to you or your securities account.

Further information about available sweep options, including current interest rates and yields, is available at www.ubs.com/sweepyields, from your Financial Advisor or by calling 800-762-1000.

UBS Financial Services account protection
The Firm is a member of the Securities Investor Protection Corporation (SIPC), which protects securities customers of its members up to $500,000 (including $250,000 for claims for cash). Explanatory brochure available upon request or at www.sipc.org. The SIPC asset protection limits apply to all accounts that you hold in a particular capacity. The Firm, together with certain affiliates, has also purchased supplemental insurance. The maximum amount payable to all eligible clients, collectively under this protection is $500 million as of December 10, 2024. Subject to the policy conditions and limitations, cash at the Firm is further protected for up to $1.9 million in the aggregate for all your accounts held in a particular capacity. A full copy of the policy wording is available upon request.

Neither the SIPC protection nor the supplemental insurance apply to:

- Certain financial assets controlled by (and included in your account value) but held away from UBS Financial Services. For example, certain (i) insurance products, including variable annuities, and (ii) shares of mutual funds registered in the name of the account holder on the books of the issuer or transfer agent);
- Investment contracts or investment interests (e.g., limited partnerships and private placements) that are not registered under the Securities Act of 1933;
- Commodities contracts (e.g., foreign exchange and precious metal contracts), including futures contracts and commodity option contracts;
- Securities on loan to UBS Financial Services; and
- Deposit accounts (except certificates of deposit) at UBS Bank USA, UBS AG US branches and banks in the FDIC Insured Deposit Program or the UBS Insured Sweep Program.

The SIPC protection and the supplemental protection do not apply to these assets even if they otherwise appear on your statements. The SIPC protection and the supplemental protection do not protect against changes in the market value of your investments (whether as a result of market movement, issuer bankruptcy or otherwise).

Statement "householding"
We may consolidate statements for related accounts with the same address in the same envelope. If you prefer to receive statements in separate envelopes, contact your Financial Advisor.

Friendly account name
The Friendly account name is a customizable "nickname" chosen by you. It has no legal effect, is not intended to reflect any strategy, product, recommendation, investment objective or risk profile associated with your accounts, and is not a promise or guarantee that wealth, or any financial results, can or will be achieved. All investments involve the risk of loss, including the risk of loss of the entire investment. You can change your Friendly account names through Online Services or by contacting your Financial Advisor.

Account overview

- *Value of your account/portfolio.* Net of assets and liabilities.
- *Assets.* Includes available cash balances, values for restricted security (est.), and Global Time Deposits, and certain assets not held by the Firm. Does not include unpriced securities/assets at the end of the prior and current statement periods, or private investments, unvested stock options and exercisable stock options.
- *Liabilities.* Includes debit balances, outstanding margin loans, credit line, short account balances.
- *Cash/money balances.* Total of uninvested available cash balances, plus deposit balances at affiliated and non-affiliated banks, and money market mutual fund sweep balances, at the close of the statement period. Non-commodity free credit balances in your account are not segregated from other balances and the Firm may use any of these funds in the ordinary course of its business. These funds are payable upon your demand. This total is included in the current period closing value.

Lending information
For detailed information on the Firm's lending practices and disclosures, refer to the agreements governing your account. UBS Statement of Credit Practices available in *Agreements and Disclosures* at www.ubs.com/disclosuredocuments.

Your assets
You may ask for delivery of fully paid securities at any time. You may receive securities used as loan collateral after paying any balance due on them. Any securities transferred to the Firm during the statement period are listed at market value as of the end of the statement period.

- **Cost basis.** Where cost basis of an asset is displayed with the number "1", the Firm has relied on information obtained from another firm or that you provided to your Financial Advisor. The Firm does not independently verify or guarantee the accuracy or validity of any information provided by sources other than the Firm. Although the Firm generally updates this information as it is received, the Firm does not provide any assurances that the information under "Cost basis" and "Unrealized gain/loss" is accurate as of the date of this statement. Do not rely on this information to make purchase or sale decisions, for tax purposes or otherwise. Accounts transferred to the Firm may reflect gain/loss information only for the period of time they are held at the Firm. More historical information can be added by your Financial Advisor.
- **Unrealized gains/losses**. When data is available, estimated unrealized gains/losses are calculated for individual security lots. The transaction data for individual lots may or may not reflect commissions, charges and/or security reorganization events.

Dividend and other reinvestment lots and systematic purchase lots are each combined to display one averaged lot. The "Trade date" column presents the original transaction trade date.

- **Callable securities**. Bonds and preferred stock that the issuer calls for early redemption will be selected impartially by lot from among all securities of that issue held in our name or in nominee name for our clients. Call feature information is obtained from third parties and its accuracy is not guaranteed. Other call features may exist which could affect yield; complete information will be provided upon request.
- **Price/value**. Prices displayed may be higher or lower than the price that you would actually receive in the market. Prices are obtained from various third-party sources which we believe to be reliable, but we do not guarantee their accuracy.
  - We generally use the closing price when available or the mean of the bid and ask prices for listed securities and options or only bid prices for OTC securities.
  - Less actively traded securities may be priced using a valuation model or the most recent price we obtained and may not reflect an actual market price or value.
  - Certain positions may show as "price was not available" if we are unable to obtain a price.
  - Deposits or securities denominated in currencies other than U.S. dollars are reflected at the exchange rate as of the statement date.
  - For certain securities trading in non-conforming denominations, price, and quantity (face value) may have been adjusted to facilitate proper valuation.
  - Restricted securities may not be eligible for public sale. The market price of the unrestricted stock of the same issuer as an imputed value for the restricted stock *for purposes of this statement only*. If restricted securities are sold, the value received may be substantially less than the imputed value shown.

  To obtain current quotations, when available, contact your Financial Advisor.

Private investments and structured products
Private investment securities (including direct participation program and real estate investment trust securities) and structured products are generally highly illiquid. Certain structured products have not been registered with the Securities and Exchange Commission or under any state securities laws. We provide estimated values for informational purposes only. Accuracy is not guaranteed.

- These values may differ substantially from prices, if any, at which a private investment security or structured product may be bought or sold and do not necessarily represent the value you may receive upon liquidation.
- Third party estimates of value are as of a certain date and are supplied to the Firm on a regular basis by an independent valuation firm.
- Issuer, general partner, or sponsor estimated values, if any, are supplied to the Firm by such parties and may be based on different information than third parties' estimated values.
- Contact your Financial Advisor for additional information regarding the methodology used to determine estimated values and the date of the information that is the basis for the estimates.
- Third party estimated values may be reflected as "Not priced "if: an independent valuation firm has not supplied or is unable to assign a value; we become aware that a material event has occurred that may call a previously reported value into question; or a value would be highly speculative due to the nature of the security.
- When neither an issuer, general partner or sponsor estimated value nor a third-party estimated value is provided, the value of the security will be different from its purchase price.
- "Distributions to date" may include return of capital, income, or both.
- "Original unit size" represents the initial offering price per unit and may not reflect your cost basis.
- DPP and unlisted REIT securities are not listed on a national securities exchange, and are generally illiquid, and even if they can be sold, the price received may be less than the per share estimated value provided in the account statement.

Estimated income, current yields, and rates
An estimate of annual income is based on current dividend and interest rates, assuming the securities will be held for one year from statement date or until maturity. Actual income and yield might be lower or higher than the estimates. Accuracy of the estimates and continued income are not guaranteed.

- Estimated annual income and current yield may include a return of principal or capital gains in which case the estimate would be overstated.
- An estimate of annualized income is based on the last payment made by the issuer and assumes the securities/deposits will be held for one year from the statement date or until maturity.

Alternative periodic reporting
Where permitted, transactions effected pursuant to a periodic plan or an investment company plan, or in shares of certain money market funds are reported on your periodic account statements in lieu of immediate trade confirmations. Additional transaction details that would ordinarily appear on the trade confirmation will be furnished upon written request.

Dividend Reinvestment Program (DRIP)
The price reflected is an average price. You may obtain the actual price from your Financial Advisor. Only whole shares are purchased under DRIP; partial shares will be sold, and the cash will be deposited in your account. The dividend reinvestment price supplied by the issuer may differ from the market price at which the partial shares are sold.

Fractional shares/ cash-in-lieu
If you are entitled to a partial unit as a result of a dividend payment, corporate action, DRIP or otherwise, the Firm will either sell partial units at market price or accept an amount determined by a registered clearing agency, and credit your account.

Assets not held by UBS Financial Services
Certain assets that are not held by the Firm and not within the Firm's possession or control are displayed for your information and convenience only. Positions and values presented are provided by the issuing firm. The Firm is not responsible for this information and does not guarantee its accuracy. These assets are not protected by SIPC or the Firm's supplemental SIPC coverage.

Revenue sharing and additional compensation

- In addition to commissions on sales and 12b-1 fees received in connection with the distribution of mutual funds to our clients we and/or our affiliate receive revenue sharing payments from distributors and/or advisors of the mutual funds that we sell. These amounts are based on two different components: (i) the amount of sales by UBS of a particular mutual fund family to our clients; and (ii) the asset value of a particular mutual fund family's shares held at the firm.
- We and our affiliate also receive networking and omnibus processing fees in consideration for transfer agent services that we provide to the mutual funds. These fees generally are paid from investor assets in the mutual fund and are a fixed dollar amount based on the number of accounts at the broker-dealer holding mutual funds of that fund family.
- Our affiliates also receive trading commissions and other compensation from mutual funds whose products we distribute.

Commissions and other charges
Information regarding commissions and other charges related to the execution of trades, including option transactions and security futures transactions has been included on confirmations previously furnished to you, and will be provided to you promptly on request. In addition to regular account fees, accounts may be subject to maintenance fees, charges for late payment for securities purchases and charges for unpaid amounts in cash accounts. Accounts that are transferred to other institutions may be subject to a transfer fee. If you are engaged in short selling a security, you may incur a charge due to certain borrowing costs for that particular security.

Investment Advisory Program Fees
Program Fees for Investment Advisory Accounts are reflected under *Account Activity This Month*. "Current Quarter Advisory Fee" represents the UBS Advisory Fee and, if applicable, SMA Manager Fees that are charged in advance on the net asset value of the account on the last day of the prior calendar quarter. The "Prior Quarter Fee Adjustment" is the change (increase or decrease) to the quarterly fee based on the average daily balance of the account for the previous quarter. Additional adjustments to the Advisory Fees for account activity in certain programs ("Pro-rated Quarter Advisory Relocation Charge," "Current Quarter Reallocation Adjustment"), initial fees ("Initial Fee") and account terminations ("Termination Fee") will also be shown. For more information, including details about our billing practices see the Form ADV Brochure at ubs.com/formadv, or contact your Financial Advisor.

Open or "good-till-cancelled" orders
Open buy and sell stop orders are reduced by the amount of dividends or rights on an ex-dividends or ex-rights date unless instructed otherwise by you. You are responsible for orders that are executed due to your failure to cancel existing open orders.

Privacy
To obtain a copy of our current Client Privacy Notice, please contact your Financial Advisor or visit our website at www.ubs.com/global/en/legal/privacy/usa.

UBS Financial Services is a member of all principal security, commodity, and options exchanges. UBS Financial Services and UBS Bank USA are indirect subsidiaries of UBS AG and affiliates of UBS Securities LLC.

A financial statement of this organization is available for your personal inspection at its offices, or a copy of it will be mailed upon your written request. The Firm's executive offices are at: UBS Financial Services Inc. 1200 Harbor Boulevard Weehawken, NJ 07086

UBS Financial Services is not a bank. The RMA, Business Services Account BSA and IRMA are brokerage accounts which provide access to banking services and products through arrangements with affiliated banks and other third-party banks, and provides access to insurance and annuity products issued by unaffiliated third-party insurance companies through insurance agency subsidiaries of UBS Financial Services

Investment, insurance, and annuity products:
Not FDIC insured • Not a deposit • No bank guarantee • May lose value

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UBS Financial Services Inc.
Rev. 202501

MVCAC Committee Reports
In Alpha order as submitted

New Charge 2025

1. ***Aedes* Response BMP's**
    a. Review and compare MVCAC Invasive *Aedes* BMP vs. CDPH "Guidance for Inspection & Control.
        i. Action steps: Compare current BMPs listed in the MVCAC *Aedes* BMP Document targeting *Aedes* control/response and compare them to CDPH Guidance for Inspections and Control. Identify areas within the document where clarification or updates are recommended.
        ii. Resources needed: Committee member
        iii. Potential Challenges: *Aedes* Control methods and BMP practices by individual districts are broad and collecting data that is usable and comparable may be difficult.
        iv. Timeline: End of 2025
        v. It was determined that the existing Vector-Borne Disease (VBD) response document primarily focuses on infestation stages and lacks information on disease response, recent abundance data, and trigger thresholds. A survey questionnaire is currently being developed to collect information on commonly used response strategies, with the goal of creating a shared resource for agencies.
            1. The VBD Committee was contacted regarding their upcoming survey to explore the possibility of collaboration and avoid multiple overlapping surveys. It was agreed that the VBD survey will omit *Aedes*-related questions, while the IVM Committee will release a separate, targeted survey during the winter months. Both committees will exchange the data collected.
            2. The IVM Committee will also reach out to other committee chairs to request any existing data related to Invasive *Aedes*, in order to minimize redundancy in survey questions.

Standing Charges

2. **Pesticide Resistance Monitoring and Management.**
    a. Resistance Testing Tool Kits and Resources
        i. Action: Post entry level bottle bioassay toolkit links on MVCAC site.
        ii. Resources needed: Coordination with board and MVCAC site host to vet and upload links.
        iii. Timeline: Spring 2025
        iv. Status: Completed. The final version of the first toolkit, Introduction to Resistance, has been reviewed and is now available under the Resources tab on the MVCAC website. This toolkit provides resources explaining resistance management principles.
        v. Action: Expand on the bottle bioassay toolkits for districts who do not use CDC toolkits.
        vi. Resources needed: Three Committee members
        vii. Timeline: End 2025
        viii. Status: The second toolkit, focusing on methodologies for the CDC bottle bioassay, is complete. A secondary toolkit, focusing on methodologies for bottle bioassays outside the CDC kit is being worked on. Once the secondary toolkit is complete both toolkits will undergo review before being posted on the MVCAC website.
    b. Evaluate the proposed updates to the VectorSurv Bottle Bioassay data entry process in CalSurv to enhance user experience and improve data utility.
        i. Action steps: Continue the 2024 meetings with Chris Barker and Tim Valedepena to discuss recommended modifications outlined in the 2024 CalSurv modification recommendation document.
        ii. Resources needed: Three Committee members and Sara Wheeler to working group
        iii. Potential Challenges: Scope of work, resistance is multifaceted with several groups including AMCA working on similar topics

iv. Timeline: End of 2025
v. Status: Sub-committee met with Chris Barker and Tim Valdepena in February to review suggested changes to CalSurv's Resistance Data portal. Tim Valdepena is working on agreed-upon changes and communicating questions as needed.

3. **Administer the PESP survey for MVCAC.**

    a. Action steps: Contact AMCA to get the current PESP survey link and distribute to Follow-up with MVCAC members to have adequate response rate.
        i. Resources needed: Committee member.
        ii. Potential Challenges: Getting Districts to respond in a timely
        iii. Timeline: Yearly
        iv. Status: The 2025 PESP survey has been distributed to member agencies. This will be the final year that AMCA participates in the program. As a result, the associated charge can be removed from the IVM Committee's charges for the following year.

4. **Annually review CDPH guidance documents, including Guidance for Surveillance of and Response to Invasive *Aedes* Mosquitoes and Locally Acquired Exotic Mosquito-Borne Infections Transmitted by these Mosquitoes in California and The Best Management Practices (BMPs) for Mosquito Control in California and recommend updates as necessary.**

    a. Action steps: Review and update current documents, update guidelines if needed.
        i. Resources needed: Committee member time.
        ii. Potential Challenges: None.
        iii. Timeline: Ongoing
        iv. Status: Completed

5. **Develop recommendations on pesticides and their use, and on their registration status and related issues.**

    a. Action steps: Quarterly check-in with vendors about new products and label changes. Include updates in quarterly report to the Board.
        i. Resources needed: None.
        ii. Potential Challenges: None currently
        iii. Timeline: Ongoing
        iv. Status: Ongoing
            1. The committee is investigating concerns raised by some districts regarding feedback from local Agriculture Departments about VectoBac WDG WALS treatments being considered off-label. The primary issue involves differences in the amount of water used during application compared to standard label recommendations, even though the active ingredient is applied within the approved application rate.
            2. The committee is investigating concerns raised by some districts feedback from local Agriculture Departments about Spinosid SC used in WALS treatments and its potential contamination of animal watering bowls.

6. **Develop information on the availability, use, and impact of biological control organisms. [Mike Saba, Mark Nakata]**

    a. Action steps: Hold quarterly teleconference with mosquitofish personnel throughout the association.
        i. Resources needed: Commit to time/discussions related to quarterly teleconferences. Organize and secure guest speakers for teleconferences. Prepare and distribute discussion topics for teleconference. Provide ongoing support, consultation, and resources to mosquitofish personnel in the association.
        ii. Potential Challenges: None
        iii. Timeline: Quarterly

iv. Status: Completed a fish symposium for the 2025 MVCAC Annual Conference, and additional training events are currently being scheduled for the remainer of 2025.

7. **Emerging Technologies in Mosquito Control**

    a. Action steps: Identify and review new and upcoming technologies.
        i. Resources needed: Committee Time
        ii. Potential Challenges: Nothing significant currently
        iii. Timeline: Quarterly
        iv. Status: Ongoing

8. **CARB**
    a. Action steps: Monitor for updates and changes and provide updates as needed
        i. Resources needed: Committee Time
        ii. Potential Challenges: Nothing significant
        iii. Timeline: Ongoing
        iv. Status: Review and update as needed

Committee members:

Member	Committee Position	District	Position	Year Joined Committee	Email
Nikia Smith	**Chair**	Northwest MVCD	Director of Operations	Fall 2022, 2022	nsmith@northwestmvcd.org
Jake Hartle	**Sac Valley** **Vice Chair**	Placer MVCD	Assistant Manager	January 1, 2021	jakeh@placermosquito.org
Jamie Scott	**Sac Valley**	Lake County VCD	District Manager & Research Director	January 1, 2021	jjscott@LCVCD.org
Mike Saba	**Southern California**	Orange Co. MVCD	Biologist	January 1, 2021	msaba@ocvector.org
Arlilla Bueno	**North San Joaquin** **Minute Taker**	Merced County MAD	Field Services Supervisor	January 1, 2021	mcmadfield@gmail.com
Casey Stevenson	**Coastal**	San Mateo MVCD	Operations Director	January 1, 2023	cstevenson@smcmvcd.org
Mark Nakata	**South San Joaquin**	Delta VCD	Biologist	January 1, 2021	mnakata@deltavcd.com
Hannah Romo	**CDPH**		Senior Public Health Biologist	Spring 2022	hannah.romo@cdph.ca.gov
Amanda Poulsen	**Board Liaison**	Santa Cruz MVCD	Manager	January 1, 2025	amanda.poulsen@santacruzcounty.us
Debbie Dritz	**Sac Valley** **(2)**	Sac-Yolo MVCD	Vector Ecologist	January 1, 2021	ddritz@fightthebite.net
Greg Alvarado	**Southern California** **(2)**	Coachella VMVCD	Operations Manager	January 1, 2025	galvarado@cvmosquito.org
Katherine Brisco	**South San Joaquin (2)**	Consolidated MAD	Westside Area Supervisor	Fall 2022	kbriscocmad@gmail.com

Mosquito and Vector Control Association of California

June 26th, 2025

Laboratory Technologies Committee Summer Meeting Report

1) WSW Proficiency panel

a) Proficiency panel results were released; the summary of findings are attached to this document.

2) Repository for surveillance and testing protocols.

a) Arielle Crews (on maternity leave) has most of the tick testing protocols and when she returns will continue developing this repository.

b) Scott Vo created a summary of the triplex testing protocol comparison and that is located at the end of this document.

c) Create a shareable resource for districts considering triplex testing. Protocol sharing planned when finalized, but it's okay to share current materials with interested agencies.

3) PacVec training videos on placing mosquito traps and identification

a) Steve provided an outline for general mosquito surveillance that is also accessible on the LTC committee Google Drive and is also provided at the end of this document.

b) Olivia is finalizing the BG sentinel video draft and will circulate it before the next committee meeting.

b) Request to use images from the illustrated Mosquito Guide was approved.

c) Subcommittee was assembled to include Jessica, Megan, Olivia, Chris, Kim and Steve, others can be added as needed.

d) Plans to delegate subcommittee organization and script review leadership to others so that Olivia can focus on her eff rts on storyboarding and video editing.

e) It was recommended that relevant non-committee members with pertinent expertise should be included in script reviews as needed.

f) Script review and production workflow:

Scripts are drafted by committee members then reviewed by LTC, MVCAC and sometimes the CDC. Google drive is used for script sharing and editing.

Finalized scripts are story-boarded by Olivia with detailed filming guidance provided to the filming team.

g) The subcommittee is to set realistic timelines and annual video production goals

h) Jessica will organize a subcommittee meeting this month (June) to coordinate next steps.

4. CDZ testing Protocol and Proficiency Panel

a) Eric Haas Stapleton drafted a formal recommendation and it was accepted by the Lab Technologies Committee

b) Panels have been distributed to four agencies, and at least one agency has submitted results and have passed.

c) There is no set deadline for panel submission.

d) Awaiting collated results from all participating districts.

Proficiency Panel Results, 2025

Conclusions

Summary of key findings:

For the first time in the history of proficiency panels for California, all participating labs correctly identified all positive and negative unknown mosquito pools.

RT-PCR protocols should continue to be discussed with the MVCAC Laboratory Technologies Committee to maximize consistency among labs, including instrument calibration, choices of primer/probe concentrations, and reporter dyes used.

This year, variation among labs was lower than last year. This variation was higher for SLEV compared to the other two viruses tested. Among positive unknown samples, there was variation among agencies by as much as 4.2 Ct (WNV), 5.5 Ct (SLEV), and 4.4 Ct (WEEV).

Agencies with higher Ct scores compared to those of other labs should be aware that a fraction of arbovirus-positive mosquito pools and dead birds might be missed, and these labs should consider ways to improve the sensitivity of their assay.

Altering Ct scores by setting thresholds manually also reduces statewide consistency. Setting threshold values automatically by the PCR machine from standard curves is recommended.

Nearly all agencies' results for the dilution series followed the expected linear trend with an average slope of approximately 3.3 Ct decrease in Ct score for each 10-fold increase in WNV and SLEV titer. Diff rences between dilutions may be due to amplification efficiency, but variability between dilutions suggests that deviations from the overall pattern are attributable to deficiencies in laboratory technique, particularly errors in dilution. All agencies should carefully train all staff n pipetting, dilution, and reagent preparation to ensure reproducible, valid results.

DART and all 15 local agencies conducting arbovirus testing (ALCO, COAV, DLTA, MARN, NWST, ORCO, PLCR, SANB, SAND, SANM, SAYO, SHAS, SJCM, STCL, and WVAL) use multiplex assays designed to detect WNV, SLEV, or WEEV.

DART tests for DENV, CHIKV, and ZIKV upon request.

Mosquitoes as a threat to human health

Outline for general mosquito surveillance

Mosquitoes have been called 'the deadliest animals on earth' due to their ability to transmit agents of diseases like malaria, dengue fever, Zika virus, and several forms of viral encephalitis. According to the World Health Organization, mosquito-borne diseases are responsible for over 600,000 deaths and 249 million disease cases every year.

Most people are not aware that there are more than 3,600 species of mosquitoes in the world, and 200 in the US alone, each with its own specific habitat preference, feeding preference, season, activity time, tendency to bite people, and ability to host and transmit specific pathogens. In order to combat this threat it is critical to understand the specific enemy we are dealing with. Fortunately, there are multiple methods of adult mosquito surveillance that can provide information that helps us to assess and combat the risks mosquitoes pose. This information can include:

- Mosquito species present
- Mosquito abundance/changes over time
- Presence/prevalence of viruses and other pathogens
- Risk level assessment
- Eff cacy of mosquito control eff rts

This video will provide a brief outline of the diff rent methods commonly in use, and the benefits and potential limitations of each method. Detailed descriptions of these surveillance tools will be presented in other videos in this series.

Methods

- Emergence traps
- New Jersey light traps?? (mention, but doesn't need its own video/no longer commonly used?)
- CO2 baited traps, with or without light (EVS, CDC)
- Gravid traps (Culex)
- Invasive Aedes traps:
    - BG Sentinel,
    - BG-GAT/sticky traps in general
    - In2Care traps

Member	Agency	Position	Year Joined	Email
Kim Hung	Coachella Valley MVCD	Southern / Chair	2016	khung@cvmosquito.org
Megan Saunders	CDPH, VBDS	CDPH	2023	Megan.Saunders@cdph.ca.gov
Steve Schutz	Contra Costa MVCD	Coastal	2013	sschutz@contracostamosquito.com
Eric Haas-Stapleton	Alameda County MAD	Coastal	2018	eric@mosquitoes.org
Arielle Crews	San Mateo MVCD	Coastal	2023	acrews@smcmvcd.org
Erin Taylor Kelly	Santa Clara VC	Coastal	2024	taylor.kelly@cep.sccgov.org
Paula Macedo	Contra Costa MVCD	Coastal / Board Liaison	2022	pmacedo@contracostamosquito.com
Olivia Winokur	UC Davis	DART	2023	ocwinokur@ucdavis.edu
Rebecca Christian	East Side MAD	N. San Joaquin	2024	rchristian@eastsidemosquito.org
Andrea Troupin	Delta MVCD	S. San Joaquin	2023	a.troupin@deltamvcd.gov
Jessica Madden	Shasta MVCD	Sac Valley	2024	jmadden@shastamosquito.org
Kara Kelley	Sacramento-Yolo MVCD	Sac Valley	2012	kkelley@fightthebite.net

Scott Vo	San Diego County VCP	Southern	2023	scott.vo@sdcounty.ca.gov
Christopher Barker	UC Davis	Trustee / DART	2017	cmbarker@ucdavis.edu

Mosquito and Vector Control Association of California
July 2025 Report to the Board of Directors
Regulatory Affairs Committee

2025 CHARGES

1. **Engage in the NPDES renewal process.**
    a. Action Steps: Work with SWRCB on the permit renewal.
    b. Resources needed:
    c. Potential Challenges: Making sure there are no drastic changes that the State Water Resources Control Board wants to put into place during permit renewal.
    d. Timeline: 2024 with completion in 2025
    e. Status: CA permit expired June 2021, Water Board approved a permit amendment to include pyriproxyfen 10/4/22, 9/25/23 a meeting was held to receive initial input on the proposed reissuance of the permit. While information from SWRCB has been sought in 2025, no updated timeline has been shared with MVCAC.

2. **Engage with CDPR on updating the Vector Control Exemption in the Pollinator Protection Code.**
    a. Action Steps: Provide CDPR with the necessary data to make a determination on a language update.
    b. Resources needed:
    c. Potential Challenges: Removing the exemption language may remove flexibility that some agencies are experiencing from their Ag Commissioners. Yet the language of the exemption is not applicable as the product referenced is no longer manufactured.
    d. Timeline: ~~2024 June 2025~~ ongoing
    e. Status: CDPH requested a regulation interpretation from CDPR in February 2024 to clarify if, with respect to 3CCR6983, pesticide applications to a blossoming plant include ULV mosquito adulticide applications (made when bees are inactive) by vector control agencies signatory to the (CDPH) Cooperative Agreement. CDPR does consider ULV applications to be made to plants.. Members met with CDPR on 3/24/25 to discuss options. The board has a separate report in this packet; the committee is seeking input on what direction to pursue.

3. **Engage with the California Business, Consumer Services and Housing Agency on the impacts of cannabis farming on mosquito control operations.**
    a. Action Steps: Determine the steps need to implement the proposed changes to detection limits outlined in the memo to the Department of Cannabis Control before they reorganized.
    b. Resources needed:
    c. Potential Challenges:
    d. Timeline: 2025
    e. Status: Committee members will be meeting with Department of Cannabis Control leadership on 2/7. Members are working on a comment letter due 7/28.

4. **Work with agencies to provide design recommendations for floating solar arrays.**
    a. Action Steps: Determine if there are regulations, policies, or an entity providing guidance or oversight on their installation.
    b. Resources needed:
    c. Potential Challenges: Finding the right contacts.
    d. Timeline: Ongoing
    e. Status: Pilot projects on winery waste ponds in Sonoma County are creating mosquito problems and design flaws are complicating treatments. In response to the letter Marin-Sonoma MVCD sent to all towns, cities, water and sanitary districts within their jurisdiction outlining the design flaws with the solar arrays project that are leading to mosquito production, the solar arrays design company, Ciel & Terre, and the energy company, White Pine, then reached out to make modifications. The modified design improved access onto and within the array and to the open water in the center of the photovoltaic panel structural floats, however, did not address all of

MSMVCD's concerns and could still be problematic relative to mosquito surveillance and control. No work has been completed on this in 2025 given other priorities.

5. **Incorporate Sustainable Pest Management language into MVCAC work.**
    a. Action Steps: Review CDPR's plans for Sustainable Pest Management in contrast with Integrated Pest Management. Where appropriate, highlight MVCAC and district contributions to keeping California's safe and healthy through vector control.
    b. Resources needed: continued discussion with PR Committee; may require updates to website, documents
    c. Potential Challenges: perception of chemicals and pesticides as bad things
    d. Timeline: October 2025 (new target due to other priority work).

Additional Issues not Part of Original Charges

STANDING CHARGES AND STATUS

1. Review and present information about existing or proposed regulations and programs that may impact vector control agencies.
2. Coordinate with the Executive Director; act as a liaison between MVCAC and local, state, and federal agencies responsible for wildlife management and protection.
3. Monitor issues at the State Water Resources Board that are likely to impact mosquito and vector control.
4. Maintain a clearing house of information concerning compliance with CEQA.
    a. Membership was asked to make updates in April and May 2025. We expect that this is complete.
5. Subcommittees
    a. NPDES
    b. AB 896 CDFW and MVCAC Working Group - Evaluate the impact of mosquito management practices employed at wetlands managed by CDFW.
        i. Feb 2025 - group now is online updates of members with wetlands managed by CDFW.
    c. Trash Capture Device Working Group - Review existing and new devices proposed to capture trash in stormwater structures.

Committee members:

Member	District	Position	Email
Jennifer Henke	**Coachella Valley MVCD**	Chair, Southern Region	jhenke@cvmosquito.org
Peter Bonkrude	**Marin-Sonoma MVCD**	Coastal Region	pbonkrude@msmosquito.org
Erika Castillo	**Alameda MAD**	Coastal Region	erika@mosquitoes.org
Mike Dubose	**Orange County MVCD**	Southern Region	mdubose@ocvector.org
Samer Elkashef	**Central Life Sciences**	Sacramento Valley Region	selkashef@central.com
Mark Hall	**Greater LA County VCD**	Southern Region	mhall@glacvcd.org
David Heft	**Turlock MAD**	Northern San Joaquin Region	dheft@turlockmosquito.com
Ryan McNeil	**Fresno MVCD**	Southern San Joaquin Region	ryan@fresnomosquito.org
Mark Novak	**CDPH**	CDPH Liaison	Mark.Novak@cdph.ca.gov

Conlin Reis	**Delta MVCD**	Board Liaison, Southern San Joaquin Region	creis@DELTAMVCD.GOV

Staff:

Name	Agency	Email
Megan MacNee	**AMG**	mmacnee@amgroup.us
Ed Manning	**KP**	emanning@ka-pow.com
Brian White	**KP**	bwhite@ka-pow.com

Mosquito and Vector Control Association of California
July 2025 Report to the Board of Directors
Regulatory Affairs Committee

Pollinator Code

Suggested Motion: *Move to …*

The association has tasked the regulatory affairs committee to examine the impacts of Title 3, California Code of Regulations (3 CCR) section 6983 (also known as "pollinator protection") on routine operational practices, namely ULV treatment. The committee reached out to the California Department of Pesticide Regulation (DPR) to clarify. In a discussion between CDPH and CDPR, we were encouraged to have DPR clarify two main points; 1) whether the vector exemption in this code is compatible with current adulticide practices and products and 2) are ULV application of a mosquito adulticide labeled toxic to bees an application "to a blossoming plant".

The vector exemption in the code allows district to forego a 48 hour notification when the adulticide being used is diluted in at least ½ a gallon of water per acre, which in the committee's review of currently used adulticides does not exist. DPR's current finds are that this exemption does not apply to materials that 1) are required to be applied undiluted, 2) may be diluted with oil only, or 3) is diluted with water but is required to be diluted with less than ½ gallon of water per acre. This is not a surprise as the language used in the code is very specific.

On the second point of clarification. DPR interprets area-wide ULV applications of pesticides labeled "toxic to bees" as being applied "to a blossoming plant" due to likely deposition of those materials onto plants. They follow up this with "when MVCDs use these products for area-wide mosquito control projects there are likely to be blossoming plants in the treatment area that will be exposed to the application". In essence, in the view of DPR, all ULV applications are impacting blossoming plants. This might be met with concern for some member agencies as for years now we have been touting that we are making applications to the airspace and not the crops that are in the area of treatment.

A silver lining in this communication from DPR they state adulticide labels prohibit application or drift to blooming crops or weeds while bees are "foraging" or "visiting" the treatment area. They continue to say that several labels include a statement with a public health exemption that allows public health officials (i.e. district staff) to make applications to blooming crops or weeds while bees are active to prevent or control a threat to public and/or animal health from diseases vectored by mosquitoes. This offers a level of regulatory protection to agencies when treating to reduce disease transmission.

While these finds are not an official memo by DPR, it was stated that these finds would be used should an issue arise, and a decision needs to be made. Given these findings, the committee is requesting that the board provides guidance on next steps in the process. The committee has outlined some options below for the board to consider.

Option 1: Take no action.

Rationale

Potential benefits: DPR has highlighted that several adulticides already have language in their labeling that provides an exemption for both bees and blossoming plants to protect public health. This allows districts to continue with operational adult control when targeting mosquito populations vectoring disease.

Areas of concern: Further action may draw more attention to this than we care to address at the moment. Conversely, the label language that DPR has highlighted may not cover adulticide treatments for high abundance/nuisance mosquitoes. At least one different interpretation is that even this may not be needed as there is not a listed spatial or temporal linkage of the pathogen with the vector.

Option 2: Request removal of vector control exemption language.

Rationale

Potential benefits: Removing an exemption that cannot be met operationally

Areas of concern: Having the exemption language currently means that some Agricultural Commissioners are providing greater flexibility, including statements that the notification requirement does not apply to Vector Control (some interpret this as a blanket exemption instead of the narrow focus on the type of pesticide). Losing this could be a detriment to some agencies.

Option 3: Request a full exemption for vector control applications.

Rationale

Potential benefits: An exemption that is reflective of current adulticide practices and products.

Areas of concern: As mentioned above, some Agricultural Commissioners are providing leeway due to the existence of the current language. It is more than likely if this option is selected that this would require rulemaking with full public input and comment before adoption. Given the concern for honeybees, this is a large request of DPR that is likely to require much of the attention of MVCAC members. This would also require data that the association does not currently have and will take time and resources to produce.

Option 4: Request for an exemption based on when the application is made (temporal exemption)

Rationale - 1 hour after sunset and 2 hours before sunrise would be exempt from notification requirements.

Potential benefits: This would align with the accepted biology of honeybees. Therefore, there it is likely that new data would not be required for adoption of this, reducing the time and resource requirement from the association.

Areas of concern: Operationally, there are issues with getting an inversion for the hours before sunrise in some parts of the state. As in option 4, this would require rulemaking.

Option 5: Request for flexibility in the number of hours of when a notification is made (less than 48 hours)

Rationale

Potential benefits: Reducing the number of hours for notification would align better with the rapid response required to address virus detection in mosquito populations.

Areas of concern: Similar to options 3 and 4. Some agencies might struggle with getting notifications out to registered bee keepers in a shorter window of time.

The association has tasked the regulatory affairs committee to examine the impacts of Title 3, California Code of Regulations (3 CCR) section 6983 (also known as “pollinator protection”) on routine operational practices, namely ULV treatment. The committee reached out to the California Department of Pesticide Regulation (DPR) to clarify. In a discussion between CDPH and CDPR, we were encouraged to have DPR clarify two main points; 1) whether the vector exemption in this code is compatible with current adulticide practices and products and 2) are ULV application of a mosquito adulticide labeled toxic to bees an application “to a blossoming plant”.

The vector exemption listed in this code specifically refers to adulticides that are diluted in at least ½ a gallon of water per acre, which in the committee’s review of currently used adulticides does not exist. DPR’s current finds are that this exemption does not apply to materials that 1) are required to be applied undiluted, 2) may be diluted with oil only, or 3) is diluted with water but is required to be diluted with less than ½ gallon of water per acre. This is not a surprise as the language used in the code is very specific.

On the second point of clarification. DPR interprets area-wide ULV applications of pesticides labeled “toxic to bees” as being applied “to a blossoming plant” due to likely deposition of those materials onto plants. They follow up this with “when MVCDs use these products for area-wide mosquito control projects there are likely to be blossoming plants in the treatment area that will be exposed to the application”. In essence, in the view of DPR, all ULV applications are impacting blossoming plants. This might be met with concern for some member agencies as for years now we have been touting that we are making applications to the airspace and not the crops that are in the area of treatment.

A silver lining in this communication from DPR they state adulticide labels prohibit application or drift to blooming crops or weeds while bees are “foraging” or “visiting” the treatment area. They continue to say that several labels include a statement with a public health exemption that allows public health officials (i.e. district staff) to make applications to blooming crops or weeds while bees are active to prevent or control a threat to public and/or animal health from diseases vectored by mosquitoes. This offers a level of regulatory protection to agencies when treating to reduce disease transmission.

VBDN Report
July 2025

The MVCAC joined the Vector Borne Disease Network in 2019 as a member. VBDN is organized by the Entomological Society of America and is a stakeholder group of nearly three dozen non-profit organizations, including membership and trade associations, vector control groups, and educational institutions such as the CDC regional Centers of Excellence on Vector-Borne Diseases. Our goals are to advocate for vector-borne disease (VBD) research and management funding, connect the community of vector professionals, and envision a world where human suffering from arthropod disease vectors is reduced.

VBDN hosted a conversation with Senate Appropriations Majority and Minority staff to discuss the landscape for FY 2026. While much of the time was spent outlining differing priorities, there continues to be alignment on much of the work. There is an expectation that the Kay Hagan Tick Act Reauthorization will be introduced later this year, so discussing how to include local stories to legislators was part of the conversation. While some members of Congress are wanting more local visits, including the staff on Washington on the email invite is a great way to keep our work on the radar.

There is an outbreak of new world screw worm. Some interagency work on increasing support for sterile male releases is starting, with members from ESA working to ensure that information is being shared. https://www.aphis.usda.gov/livestock-poultry-disease/cattle/ticks/screwworm/outbreak-central-america

ESA hosted an advocacy webinar last month which may be of interest, featuring former agency leadership, Hill staff, and ESA science policy fellows. https://www.youtube.com/watch?v=5-EvET7w3Yw

Our colleagues from AMCA were praised for the quality of messaging and material produced for the May Washington Days. As many of you also create material for AMCA, I wanted you to know how much that has been appreciated by our colleagues.

Respectfully submitted,
Jennifer A. Henke, BCE
June 29, 2025

2027

Location	Property	Dates	Guest room rate	Room Attrition	Room rental	F&B Min	Concessions	Notes	Website
Costa Mesa	Costa Mesa Hilton (Used for a quarterly meeting right after COVID)	Jan 24-27, 2027	209++	80%	Comp	$65K++	Conference(3) Suite upgrades at the group rate of $209.00(5) Staff rooms at the rate of $159.00(5) Welcome amenities, Chef's choice$5.00 rebate per room night actualized, including those outside of the block at group rate or higherComplimentary 1:4020% Cumulative attrition(5) Complimentary parking passes for self-parking for duration of ConferenceDiscounted overnight self-parking $26.00 (standard currently $44.00), day of event parking $10.00(3) Week cut-off for group	$3500 credit to master per a current incentive with Travel Costa Mesa Potential Con- Exhibits and breakouts on separate level	https://www.hilton.com/en/hotels/snacmhh-hilton-orange-county-costa-mesa/
Ontario (events at the center)	Split with The Convention Center, and 2 hotels	Feb 1-4, 2027		80%	$18K++	$65K++ (at the center)	$10 hotel rebate per each qualifying room night utilized to be applied towards Convention Center rental costs)	Close to airport Potential con- using two hotels	
	Doubletree by Hilton (walking		$199++ (200 rooms on peak)	80%			20% Discount on 2027 Food and Beverage Menu Pricing		
	Marriott Delta (walking distance)		$169++ (150 Rooms on peak)	80%			Convention Center Parking at $10		
							50% discount for up to 100 wireless devices in meeting rooms		
Anaheim	Disneyland Hotel	January 24-27, 2027	$334++	80%	$100K++		Same as 2023		
Los Angeles	Sheraton Universal	January 31-February 3,	$229++	90%	$100K++		VIP Suite upgrade; 1 per 40 comp;	Near Universal Studios; Burbank airport	https://www.marriott.com/en-us/hotels/bursi-sheraton-universal-hotel/overview/
Los Angeles	Hilton Universal	January 24-27; January 31-2	$239++	80%	$100K++		Upgrades to suites; comp per 40	Near Universal Studios; Burbank airport	https://www.hilton.com/en/hotels/buruchf-hilton-los-angeles-universal-city/?msockid=1a1ebd1cbfb76a84063caee0be336bcc

2028

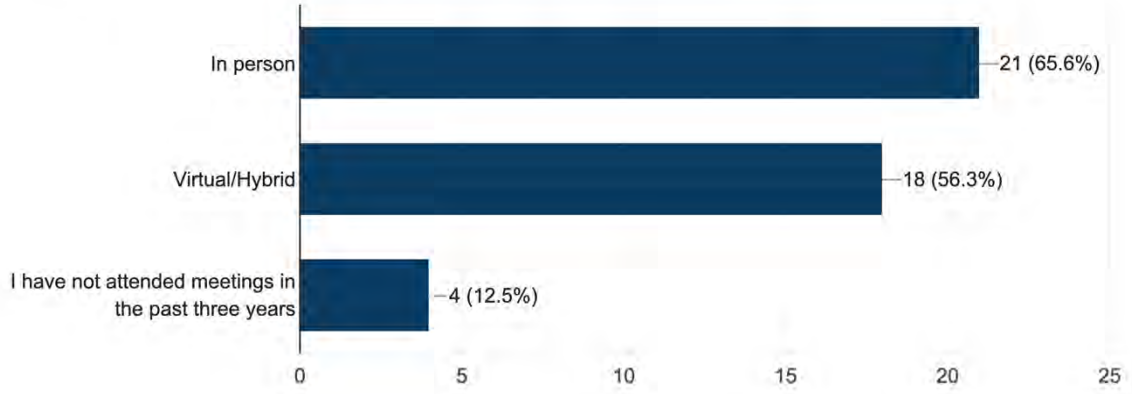
Location	Property	Dates	Guest room rate	Room Attrition	Room rental	F&B Min	Concessions	Notes	Website
Ontario (events at the center)	Split with The Convention Center, and 2 hotels	January 31-Feb 3, 2028		80%	$18K++	$65K++ (at the center)	$10 hotel rebate per each qualifying room night utilized to be applied towards Convention Center	Close to airport Potential con- using two hotels	
	Doubletree by Hilton (walking distance)		$209++	80%			20% Discount on 2027 Food and Beverage Menu Pricing		
	Marriott Delta (walking distance)		179++	80%			Convention Center Parking at $10		
							50% discount for up to 100 wireless devices in meeting rooms		
							Guest room rate is $339 single/double/triple/quad plus 17% tax		
Anaheim	Disneyland Hotel	Jnuary 23-27, 2028	$339++	80%	$100K++		Same as 2023		
Los Angeles	Sheraton Universal	January 30-February 2, 2028	$239++	90%	$100K++		VIP Suite upgrade; 1 per 40 comp;	Near Universal Studios; Burbank airport	https://www.marriott.com/en-us/hotels/bursi-sheraton-universal-hotel/overview/
San Diego	Brand New- Gaylord Pacific	January 24-27, 2028	$379++	80%			One (1) Presidential Suite at a discounted rate of $999.00++ as outlined in the room block grid for president. Up to five (5) Staff Rooms at a discounted rate of $289.00++ as outlined in the room block grid.Up to three (3) Mountain View Executive Suite upgrades at a rate of $509.00++ for executive board members. Five (5) complimentary Amenities, Hotel's Choice. Resort-wide wireless internet access in guestrooms and meeting space for basic usage on a shared network is included as part of resort fee. Discounted overnight parking up to	Brand new in Chula Vista	https://www.marriott.com/en-us/hotels/sange-gaylord-pacific-resort-and-convention-center/overview/
Newport beach	Vea Newport Beach (former Marriott)	January 23-26, 2028	$369	80%	$225K (would negotiate down)		Resort fee reduced to $30; suite upgrades; $5000 credit to master account		
Costa Mesa	Hilton also available for 2028								

MVCAC Hybrid Meeting Survey Results

(32 Responses)

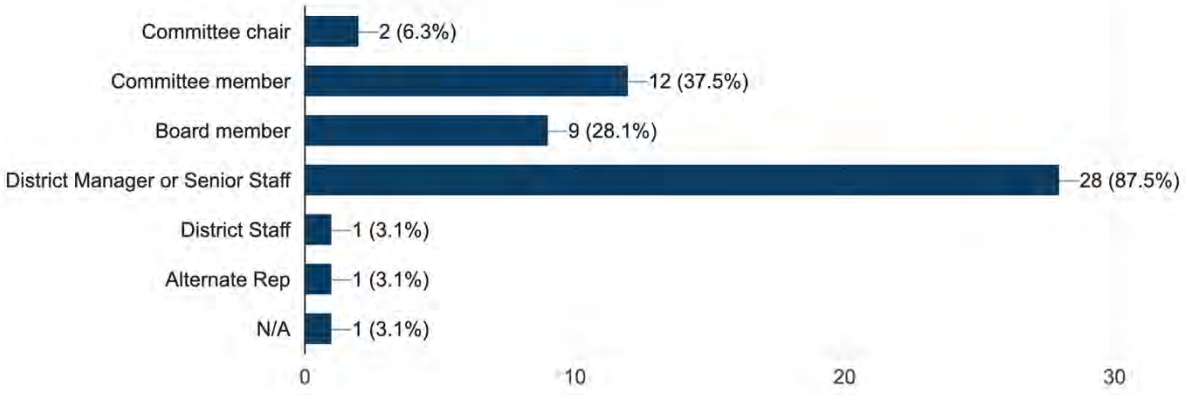
In the past three years have you been a part of the committee/board process and attended a meeting? Please choose how you have primarily attended.

32 responses



In the past three years, please indicate what position you have been in as an attendee:

32 responses

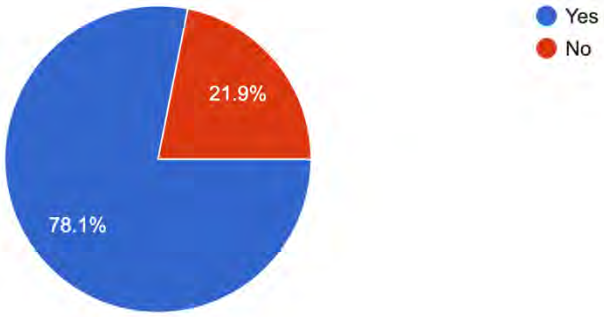


If you have attended virtually, how do you feel it is working?
For a virtual meeting, you've done a great job
I think virtual can work because everyone involves knows each other and has spent years together building relationships. As people come and go, I think virtual becomes much less viable for a statewide association and is not in the association's best interest.
okay, hard to see those in person
Seems to work fine. It allows for people who don't get to go in person as often a chance to still participate.
works great
The flexibility is nice to have given schedules and other work requirements.
Work well.
Works great when needed.
Cuts down on travel time and expense. Have more time to get my district work done.
Although I prefer in person, virtual works great too!
I think it is a helpful option to allow as many people as possible to attend.
not as good as a in person meeting
Meetings need to adhere to the posted schedule. I missed meetings that I participated in virtually in the hybrid format bc the IRL meeting moved on to the next session instead of waiting until the posted time.
I prefer in person.
It has worked well.
Good. It saves on being away from the office
For Planning I feel in-person is the most productive, for quarterly meetings virtual works as it is typically a report out and committees are meeting individually to dicuss workflows and assigments.
It varies, sometimes it worked well, others it didn't . Participation is limited when virtual.
Good. Allows participating from District and savings on travel cost better used for sending more staff to Annual conference
I'm ok with how they are working now
Not really. Microphone issues and it seems like a lack of focus/interaction
It works

If you have attended in person, how do you feel it is working?
Great
Having the ability to meet virtually, kills attendance for in person meetings.
For a statewide association, I believe in-person meetings are necessary. Virtual is not a successful long-term strategy, in my opinion, to build/maintain an engaged membership.
Fine, for spring, fall, and occasional planning
preferred, hard to work with remote
Sometimes I feel the flow of the agendas can be wonky. I feel like people want to pack it in and get out of dodge so there leaves little time for breaks. Just designate the proper time and don't cut things short or run extra long to consolidate the amount of days needed. If you want to be there in person for networking, then plan accordingly.
works great
In person is getting very expensive for many districts. In person meetings are great, but the annual meeting and Leg Days might be the only necessary in-person events. A good argument could be made for the annual planning meeting to be in-person as well. All committee meetings can and should be be virtual unless scheduled in tandem with the annual or Leg Day meetings.
Good too.
Good. I prefer in-person, but it's nice to have a hybrid option if a last-minute change comes up.
Great experience.
OK
Good to connect with peers
Don't seem to have problems in person. If we continue to provide virtual, perhaps a simple stream without interacting with those attendees would allow for more transparency. It becomes more difficult handling questions/interaction with virtual attendees.
I fell we get more business taken care of due to face to face accountability.
I feel that in person meeting are way better
I prefer live attending live meetings. The hybrid format is a great option for those who can't make it in person. I want to keep it.
Its more of a commitment but I think its a better way.
It has worked well.
In person has been working fine.
For quarterly meetings there is not a lot of engagement required or asked so I don't feel that in-person is valuable
well
Good. Allows to see each other in person and network
Great
It works when it is NOT hybrid. When it is hybrid it seems like too much attention is taken to verify that everyone online can hear or are tuned in.
Ok. I think engagement is optimum when its one or the other, all in person or all remote

Going forward, would you like to continue offering the hybrid version of in person meetings (knowing the set up we currently use will not change)?

32 responses



If we did not offer a virtual component to the in person meetings, would you instead send your staff/committee members to the meetings in person? These would be twice a year.

31 responses



If we did not offer a virtual component to the in person meetings, would you instead send your staff/committee members to the meetings in person? These would be twice a year.
Charge a nominal fee for remote attendance so they're more likely to engage.
It would depend on our districts work schedule.
It would depend on the meeting content and our workload. I value hearing the in-depth updates from the committees I'm most interested in when they meet in-person. It's more than what the committee chairs deliver at the Board meeting.
This would depend on the meeting
Depends on staff participation and small District travel budget

Northern San Joaquin Valley Regional Meeting

Date: 7/16/2025 Time: 11:30

Location: Gervasoni's 5801 McHenry Ave. Modesto Ca. 95356

In Attendance

David Heft, Rhiannon Jones, Wakoli Wekesa, Greg Hebard, Ralph McGeorge, Dennis Candito, John Holick, Sandra Tory, Mark Novak

Committee Reports

Continuing ED: Nothing to report

Regulatory: Issues with bee pollinators/notifications/sticking to precise hours of spraying pertaining to/ No exemption for public health

Legislative: Nothing to report

Regional Reports

Merced: In the new building/sold 2of 3 air planes/buying drones/no human cases yet

San Joaquin: N/A

Turlock: Using A-1 machines a lot/ Using IIT Wolbachia mosquitos/ Just started plane applications

East Saide MAD: Fully staffed finally/ pool testing have lots of positive mosquitos/Using IIT mosquitos with Wolbachia

Copper Valley: Fully Staffed/ Sentinal Chickens got killed by a predator/ nuisance complaint are down

Other Reports

CDPH: New Gold cards will be sent out in the next week or two/ See attached for remaining report

Vendors: Dennis Candito Adapco has granules for drone use.

Arbovirus update

- Two human cases of WNV have been reported to date in 2025, with one fatality (Tulare and Stanislaus counties):
- Statewide environmental surveillance year-to-date:
    - WNV: 21 counties vs 23 in 2024
    - Dead Birds (42 from 8 counties) **lower** than 2024 and 5-yr average
    - Mosquito Pools (539 from 19 counties) **higher** than 2024 and 5-year average but 63% (339) of pools have been from Tulare Co.
    - No chicken seroconversions - same as 2024
    - SLE: 2 mosquito pools from 2 counties (vs 11 from 3 Counties in 2024)
- Reminder that dead bird testing is free at DART. Contact Marie Cerda if questions about submissions. (Lots of flexibility in setting submission parameters)
- WNV Call Center can now take calls in Spanish
- Updates being made to the WNV website to make it ADA compliant
- CDPH Weekly update on dengue cases has started back up-link to the report is posted in arbovirus bulletin (also share link in Teams chat). No locally acquired cases reported so far this year.

OtherVBDs

- Six hantavirus cases reported so far this year, 3 were fatal. Cases have been reported from Mono, Placer, and El Dorado counties. VBDS staff and local vector control have conducted risk assessments at suspected exposure sites. Statewide seeing both high numbers of deer mice, and high prevalence of infection with SNV.
- Megan Saunders has provided CDPH tick data to CDC so their map of B. burgdorferi ss detections has been updated for CA to better represent risk.

Confidential - Low

Charges for 2025 - Update

1. **Assess methods for making the MVCAC proceedings searchable online and the feasibility of indexing individual papers.**
    a. Action steps: Investigate methods for better indexing and making searchable the MVCAC Proceedings on the MVCAC website. The solution should go beyond downloading an entire proceedings issue and using text recognition software.
    Update: Committee is requesting AMG be advised to sign off on Terms of Service agreement with UC eScholarship system. Services would include housing proceedings as individual submission, indexed and searchable by author, year, keywords, etc. in perpetuity. There is no budgetary ask for these services, only committee support and board guidance at this time.
    b. Resources needed: Technical guidance and collaboration with the IT Committee, PR Committees, and new Website and Electronic Infrastructure working group.
    c. Timeline: 2024-2025
    d. Status: Ongoing
    e. Update: The committee is investigating the potential of moving the Proceeding to an online-only publication. As well as potential ADA requirements for future and past volumes, and an open-access location to store the entire Proceedings catalog. This location should be accessible from the MVCAC website and provide a searchable interface for the Proceedings. Once a location is identified, we will begin working on formatting the upcoming volume, then will start working backwards on past volumes.

COASTAL REGIONAL MEETING - MINUTES
July 18th, 2025
Held Virtually from
640 Capitola Road, Santa Cruz, CA

Amanda Poulsen called the meeting to order at 9:05 AM
Roll Call:

Agency Member present:	**CDPH:**
Amanda Poulsen	
Peter Bonkrude	Megan Saunders
Ken Klemme	Eric Blosser
Brian Weber	Hannah Romo
Kelli Gutierrez	
Paula Macedo	
Wes Maffei	**Industry Vendors:**
Adena Why	
Erika Castillo	John Hollick
Miguel Cardenas	

1. Additions to Agenda

   NONE

2. PEIR Addendum Project Status

   Peter Bonkrude gave an update on the PEIR addendum an invoice is set to go out soon – work on ecological and human health aspects to begin next.

3. MVCAC Board of Directors Summer Meeting (July 24) Agenda Review

   a. Conference Discussions

   For the 2026 Annual Conference: The group was informed that the price for the 2026 conference would be going up by $25 for a second on-site lunch on Tuesday, that will be centered around an awards ceremony. The banquet would then become more of an informal celebration and farewell.
   For the 2027 Annual Conference: Anaheim is the most popular amongst staff, but the pricing requires districts to budget accordingly (which may include options like sending less staff). District Managers seem curious about exploring the options around Universal Studios and Costa Mesa. It was noted that conferences with attractions can lead to competition with vendors.

4. Continuing Education Treasury Report

a. Kelli Gutierrez introduced herself as the new treasurer. Gutierrez reminded Districts to send the checks for Continuing Education to her location in Salinas.

5. Regional Issues

A. USFWS

i. San Pablo Bay NWR
Peter Bonkrude for Eric Hawk: Reported business as usual and a recent meeting with the Audubon Society.

ii. Don Edwards NWR
Brian Weber: Reported business as usual.

iii. Ellicot Slough NWR
Amanda Poulsen: Reported business as usual, no current plans for summer treatment.

iv. Salinas River NWR
Ken Klemme: Reported business as usual.

B. Source Reduction Update, BCDC, Army Corps Update
Megan Saunders: Reported business as usual, no updates.

6. MVCAC Member Updates

a. Lab Technologies Committee
Megan Saunders shared a video that was produced by the committee and received comments from the group.

b. Legislative
Erika Castillo reported on SB707 and AB 399

c. Regulatory
Erika Castillo reported that Cannabis is pushing forward with DPR tolerances for cannabis maximum residue limit. Wes Maffei reported that he is still working on the language for the pollinator exemption.

d. IVM
Hannah Romo talked about delaying the WNv survey and pushing towards Fall or Winter. Romo also reported on updates from CalSurv that are more user friendly – hopefully improving experience of entering and sharing resistance data.

7. Individual District reports

Alameda MAD:

Erika Castillo reported raising their benefit assessment this year by 40 cents, new lab position, Aqua culture is now raising fish. Undergoing an energy audit for future EV's, Allie the digital AI assistant is in full operation answering calls and preparing to integrate with Leading Edge service requests.

Alameda Vector:

Adena Why shared her promotion to Chief. Why discussed rodent control (rat birth control) and the reasons for not being effective treatments. Reported on staff changes and discussed ongoing issues with poultry bugs and barn owls at Lawrence Livermore Labs. Brian Weber stated that some PCOs prefer the birth control method because it can result in ongoing callbacks.

Contra Costa:

Paula Macedo reported on the new building project underway (design/development stage). Macedo discussed concerns around potential new rice production in the county, Nature Conservancy sponsored "Bird Returns" program, and invasive *Aedes* in Antioch. The district also underwent a Grand Jury investigation, in which findings shed positive light on the district.

Marin Sonoma:

Peter Bonkrude provided staff updates on the construction Bonkrude mentioned work on the pollinator code and a quiet season so far for mosquitoes, but significantly high yellow jacket year.

Monterey:

Ken Klemme reported on a relatively slow mosquito season, switching to a .gov for district emails, and hiring Rick Howard from Howard Consulting for Board development.

Napa:

Wes Maffei reported a high number of yellow jacket calls and that he is continuing to work on the pollinator database for his county.

Santa Clara:

None

Santa Cruz:

Amanda Poulsen talked about preparations around a new benefit assessment (ballots will go out end of summer. Poulsen reported on a recent meeting with Adult Protective Services (APS) – highlighting this county agency may have dedicated funding to assist residents that qualify when they have issues with hoarding/rodent/bedbug etc.

San Mateo:

Brian Weber mentioned progress on the construction for their new building. Reported on the Republic Services strike and according to the local health officer, it is not considered an emergency yet. Weber also mentioned yellow jacket calls are the highest they've ever been.

Solano:

Miguel Cardenas reported increased trapping by the new lab assistant, exploring cost recovery in mosquito control contracts with certain landowners, and their district switching to .gov come January.

8. CDPH Report

Megan Saunders reported that the Dead Bird Hotline can take calls in Spanish, there have been no seroconversions for chickens yet, and an elevated number of WNv positive mosquito pools from Tulare County. Hanna Romo reported trapping efforts for biting midges and ticking collection in Monterey County.

9. Industry Report

John Hollick said he had no updates

10. VCJPA Report

Wes Maffei mentioned VCJPA formed an ad hoc AI committee

11. CSDA Report

Peter Bonkrude mentioned that new by-laws will take place to split Legislative and Regulatory committees, CSDA conference 2025 Monterey, 2026 Palm Desert

12. AMCA

Peter Bonkrude, gave updates on the USFW mosquito management plan, which is potentially more stringent than the CA FWS plan. Bonkrude mentioned the Big Beautiful Bill, and Medical

Autonomy and Health Act (MAHA) which are being monitored for potential impacts on aerial operations or reporting requirements.

13. Other

Wetlands Regional Monitoring: Erika Castillo mentioned the program is now involved in collecting LiDAR, water quality, salinity, etc. and they will host a workshop to address how our agencies can engage and access this data.

Adjournment 11:06AM

Respectfully Submitted,

Amanda Poulsen