



Mosquito and Vector Control Association of California

2025 Integrated Vector Management

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 to CDPH Guidance for Inspections and Control. Identify areas within 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. Status: New Charge

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: In progress
 - 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: In progress
 - 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 Valedopena 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: In progress
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.
 - b. Resources needed: Committee member.
 - c. Potential Challenges: Getting Districts to respond in a timely
 - d. Timeline: Yearly
 - e. Status: Due Spring 2025
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.
- b. Resources needed: Committee member time.
- c. Potential Challenges: None.
- d. Timeline: Ongoing
- e. Status: Due Spring 2025

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.
- b. Resources needed: None.
- c. Potential Challenges: None currently
- d. Timeline: Ongoing
- e. Status: Ongoing

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.
- b. 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.
- c. Potential Challenges: None
- d. Timeline: Quarterly
- e. Status: ongoing

7. Emerging Technologies in Mosquito Control

- a. Action steps: Identify and review new and upcoming technologies.
- b. Resources needed: Committee Time
- c. Potential Challenges: Nothing significant currently
- d. Timeline: Quarterly
- e. Status: Ongoing

8. CARB

- a. Action steps: Monitor for updates and changes and provide updates as needed
- b. Resources needed: Committee Time
- c. Potential Challenges: Nothing significant
- d. Timeline: Ongoing
- e. 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
Jody Morgon	Board Liaison	Pine Grove MAD	Manager	January 1, 2025	Pinegrovemad1@gmail.com
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