

AGENDA
1150th MEETING OF THE BOARD OF TRUSTEES
OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
AUGUST 12TH, 2026

TIME: 5:00 P.M.

PLACE: Join in person at the Office of the District
23187 Connecticut Street, Hayward, CA 94545 *or*
Join remotely via teleconference: <https://us02web.zoom.us/j/82436607161>
All Trustees must attend the meeting in person unless a valid exception applies under existing Brown Act requirements.

TRUSTEES: Kashef Qaadri, President, City of Dublin
John Bauters, Vice-President, City of Emeryville *from 4260 Halleck St, Emeryville*
John Zlatnik, Secretary, City of Fremont
Don McCoon, County-at-Large
Nick Ksiazek, City of Alameda
Preston Jordan, City of Albany
P. Robert Beatty, City of Berkeley
George Syrop, City of Hayward
Maya Manoharan, City of Livermore *from 1845 Marini Ln, Livermore, CA*
Eric Hentschke, City of Newark
Lisa Rasler, City of Oakland
Ted Kinch, City of Piedmont
Jeff Nibert, City of Pleasanton
Victor Aguilar, City of San Leandro
Subru Bhat, City of Union City

1. Call to order.
2. Roll call with announcements by Trustees to Participate Remotely Pursuant to the Brown Act.
3. President Qaadri invites any member of the public to speak at this time on any issue relevant to the District (each individual is limited to three minutes).
4. Approval of the minutes of the 1149th Regular Meeting held July 8th, 2026 (**Board action required**).
5. Approving the MapVision database contract moving from (now dissolved) Leading Edge Associates Inc. to Orion Systems Integrators LLC. (**Board action required**).
 - a. Staff report
 - b. Proposed Orion Systems Integrators LLC contract
 - c. Existing Leading Edge Associates, Inc contract
 - d. Recent Leading Edge Associates, Inc. invoice
6. Presentation by Eric Haas-Stapleton, PhD *Traps, Maps, and Mosquitoes: ACMAD's Evolving Response to Aedes aegypti* (Information only, 15 minutes):
7. Financial Reports as of July 31st, 2026 (Information only, 5 minutes).
 - a. Check Register
 - b. Credit card statements
 - c. Income Statement
 - d. Investments, reserves, and cash report
 - e. Balance Sheet

8. Presentation of the Manager's Report (Information only, *5 minutes*).
 - a. Trustee & Staff Anniversary Recognitions
 - b. Miguel Cardenas hired as Vector Biologist
 - c. CDPH Arbo Bulletin
 - d. Required training expiration dates:
 - i. AB1234: Jordan (7/17/26), Rasler (7/24/26)
 - ii. AB1825: Jordan (5/31/26), Beatty (8/2/26), Kinch (5/1/26), Nibert (8/17/26)
 - iii. SB 827: Syrop (7/1/26), Manoharan (7/1/26), Kinch (7/1/26), Aguilar (7/1/26)
9. Presentation of the Monthly Staff Report (Information only, *5 minutes*).
10. Board President asks for reports on conferences and seminars attended by Trustees.
11. Board President asks for announcements from members of the Board.
12. Board President asks trustees for items to be added to the agenda for the next Board meeting.
13. Adjournment.

RESIDENTS ATTENDING THE MEETING MAY SPEAK ON ANY AGENDA ITEM AT THEIR REQUEST.

Please Note: Board Meetings are accessible to people with disabilities and others who need assistance. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to observe and/or participate in this meeting and access meeting-related materials should contact Ryan Clausnitzer at least 48 hours before the meeting at 510-783-7744 or acmad@mosquitoes.org.

HOW TO OBSERVE THE MEETING:

Telephone: Listen to the meeting live by calling Zoom at **(669) 900-6833**
Enter the **Meeting ID#** 824 3660 7161 followed by the pound (#) key.

Computer: Watch the live streaming of the meeting from a computer by navigating to: <https://us02web.zoom.us/j/82436607161>

Mobile: Log in through the Zoom mobile app on a smartphone and enter **Meeting ID#** 824 3660 7161

HOW TO SUBMIT PUBLIC COMMENTS:

Before the Meeting: Please email your comments to acmad@mosquitoes.org, write "Public Comment" in the subject line. In the body of the email, include the agenda item number and title, as well as your comments. If you would like your comment to be read aloud at the meeting (not to exceed three minutes at staff's cadence), prominently write "Read Aloud at Meeting" at the top of the email. All comments received before 12:00 PM the day of the meeting will be included as an agenda supplement on the District's website under the relevant meeting date and provided to the Trustees at the meeting. Comments received after this time will be treated as contemporaneous comments.

Contemporaneous Comments: During the meeting, the Board President or designee will announce the opportunity to make public comments and identify the cut off time for submission. Please email your comments to acmad@mosquitoes.org, write "Public Comment" in the subject line. In the body of the email, include the agenda item number and title, as well as your comments. Once the public comment period is closed, all comments timely received will be read aloud at the meeting (not to exceed three minutes at staff's cadence). Comments received after the close of the public comment period will be added to the record after the meeting.

MINUTES

1149th MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

July 8th, 2026

TIME: 5:00 P.M.
PLACE: Hybrid Meeting of the Board of Trustees
Physically held at the Office of the District
23187 Connecticut Street, Hayward, CA 94545 and
Teleconferencing at: <https://us02web.zoom.us/j/84737960771>
TRUSTEES: Kashef Qaadri, President, City of Dublin
John Bauters, Vice-President, City of Emeryville *from 4260 Halleck St, Emeryville*
John Zlatnik, Secretary, City of Fremont
Don McCoon, County-at-Large
Nick Ksiazek, City of Alameda
Preston Jordan, City of Albany
P. Robert Beatty, City of Berkeley
George Syrop, City of Hayward
Maya Manoharan, City of Livermore *from 1845 Marini Ln, Livermore*
Eric Hentschke, City of Newark
Lisa Rasler, City of Oakland
Ted Kinch, City of Piedmont
Jeff Nibert, City of Pleasanton *from 200 Old Bernal Ave, Pleasanton*
Victor Aguilar, City of San Leandro
Subru Bhat, City of Union City

1. Board President Qaadri called the regularly scheduled board meeting to order at 5:02 pm.
2. Re-Introduction and Oath of Office for Trustee Lisa Rasler, representing the City of Oakland.
Discussion: Michelle Robles administered the Oath of Office for Trustee Rasler.
3. Trustees Qaadri, Zlatnik, McCoon, Hentschke, Kinch, and Bhat were present at the District. Trustees Bauters and Nibert were present remotely from the publicly posted locations above. Trustee Manoharan logged on at 5:05 pm, Trustee Rasler and Jordan arrived at the District 5:05 pm at 5:17 pm, respectively. Trustees Ksiazek, Beatty, Syrop and Aguilar were absent.
4. President Qaadri invites any member of the public to speak on any issue relevant to the District. Finance & Administration Director, Michelle Robles, was present for item 2. Retiring Field Operations Supervisor, Joseph Huston, was present for items 7 and 11. Public Education Officer, Judith Pierce, was present for item 8 and 11. Information & Technology Director, Robert Ferdan, was present for technical support. Vector Biologist, Sarah Lawton, was present to record the minutes.
5. Approval of the minutes of the 1148th Regular Meeting held June 10th, 2026.
Discussion: None.

Motion: Trustee Bauters moved to approve the minutes

Second: Trustee McCoon

Roll Call Vote: Motion carried, unanimous

6. Approve updates to the CalPERS Publicly Available Pay Schedule for FY 2026-2027

Discussion: The General Manager and Michelle Robles gave background information.

Motion: Trustee Hentschke

Second: Trustee Zlatnik

Roll Call Vote: Motion carried, Trustee Manoharan abstained

7. Resolution 1149-1, honoring Field Operations Supervisor, Joseph Huston

Discussion: The General Manager highlighted Joseph Huston's career followed by his acceptance and parting words.

Motion: Trustee Bhat moved to approve the Resolution

Second: Trustee Hentschke

Roll Call Vote: Motion carried, unanimous

8. Presentation by Judith Pierce, MPH *Education and Outreach Update, Summer 2026*

Discussion: Trustee Qaadri would like to see trends for school and public events. He also complimented how we work with cities' public information officers and appreciates having a schedule of social media posts rather than sporadic. He asked if having a website ending in ".org" makes a difference for AI searches compared to ".gov" (we have not moved over to our .gov yet, partially because mosquitoes.org is an enviable domain name.) Trustee Jordan asked the difference of resources between the half of schools that request one-time vs one-week; what does one week look like for your time and what resources do the schools provide (the schools do not need to provide anything, just the time. During the one-week program we provide larvae for the students to watch grow over their life cycle; Judith presents there for one hour the first week and one hour the second week. The students also count larvae for about ten minutes per day.) He also asked if this is part of the required curriculum (yes). He asked the difference between schools that do one day vs one week. (The material sticks with them more with more time and they get the chance to ask follow-up questions.) Any pattern geographically (schools with less resources tend to opt for one day rather than one week. When word-of-mouth spreads, they tend to request the entire grade level to be presented to, which makes it much easier to do one day versus one week each class.)

9. Financial Reports as of June 30th, 2026

Discussion: The General Manager presented highlights in the report. Trustee Jordan asked about the revenue being so much higher than expected (while the population of the county has grown slowly, the value of occupied homes keeps increasing in value, plus, we also always overestimate costs and underestimate revenue.)

10. Presentation of the Manager's Report

Discussion: The General Manager presented highlights in the report.

11. Presentation of the Monthly Staff Report

Discussion: The General Manager, Joseph Huston and Judith Pierce presented highlights in the report. Trustee Jordan asked about the number of birds reported on our website compared to the weekly state report (the state report is a week delayed; our website is the most up to

date.) He also mentioned a WNV positive bird in El Cerrito and asked if that triggers anything within our county (we keep an eye out for more birds and make sure catch basins along the border are treated.) He also asked about the graph for “Monthly Counts of WNV-positive Mosquitoes in Alameda County”, does it refer to “pools” or individual mosquitoes (“pools” or now referred to as “groups”, will clarify that on the graph heading moving forward.)

12. Board President asks for reports on conferences and seminars attended by Trustees.

Discussion: None.

13. Board President asks for announcements from members of the Board.

Discussion: President Qaadri shared that the General Manager will do “office hours” for any questions arising from the posted board packet and then bring those answers to share at the Board meeting. The General Manager attended the Government Finance Officers Association Annual Conference in Chicago. Prior to that he was in Taiwan on a personal trip for the Rotary Annual Convention.

14. Board President asks trustees for items to be added to the agenda for the next Board meeting.

Discussion: The General Manager mentioned that our lab Director, Eric Haas-Stapleton, will present. If anyone has any specific requests for topics, email them ahead of time. We will be ordering vests for staff and Trustees; let us know if you would like one.

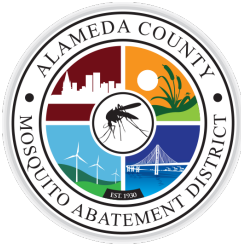
15. Adjournment at 6:16 pm.

Respectfully submitted,

Approved as written and/or corrected
at the 1150th meeting of the Board of
Trustees held August 12th, 2026

John Zlatnik, Secretary
BOARD OF TRUSTEES

Kashef Qaadri, President
BOARD OF TRUSTEES



23187 Connecticut Street
Hayward, CA 94545

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Board of Trustees

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Livermore

Lisa Rasler

Oakland

Eric Hentschke

Newark

Hope Salzer

Piedmont

Jeff Nibert

Pleasanton

Victor Aguilar

San Leandro

Subru Bhat

Union City

Ryan Clausnitzer

General Manager

Background

The Alameda County Mosquito Abatement District (ACMAD) has used MapVision Gen 2 as its primary geographic information system and operational mapping platform for mosquito surveillance and control activities since 2017. MapVision was developed by Leading Edge Associates, Inc., which was acquired by Central Life Sciences in 2025.

Central Life Sciences recently announced that it will discontinue operations associated with the Leading Edge software portfolio. As part of this transition, Central Life Sciences intends to transfer ownership of the MapVision Gen 2 software and source code to participating mosquito and vector control districts. Upon completion of the transfer, ACMAD will own its copy of the software and will no longer rely on the original vendor for software licensing.

Although ownership of the software is expected to transfer to ACMAD, MapVision Gen 2 will continue to require maintenance and specialized technical support to ensure its reliable operation. ACMAD does not have the internal software development resources necessary to provide these services.

The proposed agreement is limited to software maintenance and application support. Hosting for MapVision Gen 2 will be provided under a separate agreement.

Recommendation

To ensure continuity of operations following the transfer of software ownership, staff recommends that the Board authorize a one-year agreement with Orion Systems Integrators, LLC (Orion), the existing technical support provider for Leading Edge, in an amount not to exceed \$16,000, to provide maintenance and application support for MapVision Gen 2.

The proposed contract is \$1,000 more than the \$15,000 budgeted for these services. The difference will be funded by the existing IT budget.

Orion will not own or license the software. It will serve as ACMAD's contracted technical support provider following the transfer of ownership from Central Life Sciences.

This arrangement will allow ACMAD to retain ownership and control of MapVision Gen 2 while using Orion's technical expertise to maintain operational stability, troubleshoot and resolve software issues, support application deployments, and perform the ongoing maintenance described in the attached Statement of Work.

EXHIBIT - A
STATEMENT OF WORK

MapVision Gen 2 - Engagement

This Statement of Work (“Statement of Work” or “SOW”) outlines the details of the engagement between **Alameda County Mosquito Abatement District** (“Client” or “Customer”) and **Orion Systems Integrators, LLC** (“Supplier” or “Orion”) for Support of their MapVision Gen 2. This SOW is subject to the Master Services Agreement effective as of **July 6, 2026**, by and between Client and Supplier, the terms of which are incorporated herein by reference. The term of this SOW begins on the effective date, and, unless properly terminated by either party, will remain in effect until the term of the last SOW entered hereunder expires or is properly terminated by either party (the “Term”).

Supplier	:	Orion Systems Integrators, LLC. 33 S Wood Ave, 5 th Floor, Iselin, NJ 08830 Attn: Nagaraj Shanmugam VP – Business Development
Services rendered to	:	Alameda County Mosquito Abatement District 23187, Connecticut Street Hayward, CA 94545 Attn: Robert L Ferdan, CGCIO Information Technology Director
Services Start Date	:	August 1, 2026
Services End Date	:	July 31, 2027
Services rendered at	:	Orion Office (Offshore India)

Project Description:

The objective of this engagement is to maintain operational availability of MapVision Gen 2, reduce support backlog, improve defect resolution times, and ensure stable operations for participating county. This engagement is to provide primary support for MapVision Gen 2 to address support issues.

Project Scope

This engagement provides application support services for MapVision Gen 2, a county-owned vector control software solution. Support activities include issue triage, corrective maintenance, application troubleshooting, configuration support, incident analysis, deployment support, and issue remediation to maintain reliable system operation.

- | | |
|-------------------------|-----------------------|
| • Release support | • Root cause analysis |
| • Deployment activities | • Monitoring |
| • Production support | • Knowledge transfer |
| • Documentation updates | |

Resources are shared among the counties; all work should be scheduled based on available capacity and agreed priorities.

Issue Logging

Business Users shall log Support incidents on the Support ticketing tool – URL will be provided before the start of the engagement. For any emergency support, a support email address will be provided.

While the emergency issue raised through the above medium shall be attended to, a subsequent support ticket creation in support portal shall still be mandatory.

Request logging should be done with complete support requirement specification along with regeneration steps, test scenarios (where applicable) and acceptance criterion. Such requests would be routed to service

engineer, to perform - an initial analysis on the requirement for the pre-requisites, requirement validation, and complexity.

The support incidents logged shall be further categorized into 'Issue' or 'Enhancement'. Enhancements are not in scope of this engagement.

Issue Categorization

Users would log an Issue in the support ticketing tool along with its severity level. Users based on below criterion should do the assessment of severity of request.

VERY HIGH (Priority 1)

Problem results in extremely serious interruptions to a production system. It has affected, or could affect, the entire user community. Tasks that should be executed immediately cannot be executed because of a *complete crash of the system or interruptions in main functions* of the production system. Data integrity is compromised and the service request requires immediate processing as the issue can result in financial losses.

HIGH (Priority 2)

Problem results in serious interruptions to normal operations, will negatively affect business/application, urgent deadlines or at risk. In a production system, important tasks cannot be performed, but the error *does not impair essential operations*. Processing *can still continue in a restricted manner*, and data integrity may be at risk. The service request requires timely processing, because the malfunction or unavailability of solution of could cause serious interruptions to critical processes or negatively impact business.

MEDIUM (Priority 3)

Problem causes interruptions in normal operations. It *does not prevent operation of a production system*, or there could be minor degradation in performance. The error is attributed to malfunctioning or incorrect behavior of the operation. The issue will affect a running functionality in a production environment.

LOW (Priority 4)

Problem results in minimal or no interruptions to normal operations (no business impact). The issue consists of "how to" questions including issues related to enhancement requests, or documentation questions.

Service Level agreement

Issues raised by the users shall be governed by the following SLA levels.

- Priority 1 – Severe Business impact
- Priority 2 – Significant Business restriction
- Priority 3 – User Impact
- Priority 4 – User annoyance

The Service level agreements proposed is as below. This SLA is applicable only during normal business hours specified in the Support Model section in this contract.

- P1 – 2 Hours – *RCA and initial response time and progress update in every 12 Hours
 - P2 – 8 Hours – *RCA and initial response time and progress update in every 24 hours
 - P3 – No *RCA ; 12 Hours and Progress update in every 48 Hours
 - P4 – No *RCA; 24 Hours and Progress update every in 96 Hours
 - Off-hours and week-ends – emergency support only (on-demand)
- *RCA – Root Cause Analysis

Support Model

- L1 (First Line/Help Desk) – Out of Scope

- L2 (Application Support) – In Scope - Functional/application-level triage, diagnosis, and resolution of issues within the existing technology stack.
- L3 (Technical / Engineering Support) – In Scope - Deep technical diagnosis and resolution, including code-level fixes, within the existing technology stack.

Business Hours

Offshore Hours: Monday - Friday (11:00 am – 8:00 pm IST) – excluding Holidays

Onshore Hours: Monday – Friday (9:00 am – 1:00 pm EST) – Project Management Only.

Off-hours and week-end – emergency support only (on-demand)

Release and UAT Management

All Mapvision Gen 2 patch management will be subject to confirmation and testing from Orion and subsequent approval from the Client.

Approved and UAT tested solutions would be compiled for release to production.

Escalation Matrix

Weekend escalations / Off hours

1st Level contact – Project Manager

2nd Level contact – Director Delivery

Out of Scope

- Requests related to new development, software upgrades, platform upgrades, architectural changes, Migration from Gen 2 to Gen 3 or significant enhancements
- Major database design or optimization activities
- PBI implementation, Major infrastructure implementation or modernization activities
- Code Scanning and Code vulnerability
- The Gen 2 application was developed by a third party and is not developed by Orion, hence not all existing features and functionalities have been functionally validated by Orion. Client using an existing feature or functionality of Mapvision Gen 2 for the first time and identifies a gap, missing capability, or change request, such requests shall not be classified as defects or bugs unless it is demonstrated that our team introduced the issue through support fixes delivered under this SOW. All enhancement requests will be managed through a separate SOW.
- Third-party Apps - Our team is not responsible for application support, upgrades, integration issues, or system outages related to these third-party components.
 - Google Maps integrations upgrade is outside the scope of our support services. ULV-FC App API and VectorSurv third-party applications are managed and maintained by separate teams.

Infrastructure

- AWS outages
- Network failures

Any work outside the agreed support scope will be assessed, estimated, and a separate statement of work (SOW) shall be approved by client before execution.

Customer Responsibilities

- Collaborate and coordinate with Orion resources during integration testing, UAT and production implementation.
- Customer is responsible for User Acceptance Testing and validation.
- Provide timely approvals on the deliverables.

Service Delivery Governance

- Client will provide the required point person to act as the point of contact for Orion's service delivery lead. Customer point person will be responsible for all Customer internal communications, providing access to

Statement of Work

the relevant stakeholders as necessary, coordination of internal feedback and deliverables, and ensuring consensus on final decisions.

Delivery Team

Designation	
Project Manager	iOS Developer
Delivery Manger	QA Team
Software Developers	Infra Support Team
PBI Developer	

Advisory Team

Name
VP – Business Development
Director – Delivery
EVP – Global Delivery

Services and Work Supervision

- The Client will provide Supplier with all assistance, access, information and documentation as Supplier may require for providing the services defined in the scope of this document.

Deliverables:

Orion shall provide the following deliverable(s) (“Deliverables”) to the level of quality and completion that meets or exceeds Customer’s standards.

#	Track	Deliverables	Acceptance Criteria
1	Application Development	a. Unit tested application code b. base in the test environment. Unit test results	Customer’s agreement that the deliverables shall be deemed accepted if Customer does not provide written acknowledgement within five business days after delivery.

Acceptance Procedures:

Client will review Orion’s interim and final Deliverables and will inform Orion of any discrepancies.

Compensation

This is a Fixed Fee pricing model in which Client will be billed per the monthly charges below based on the model chosen at the beginning of this engagement:

1 Year Pricing Model

Category	Start Date	End Date	Yearly Cost (USD)
Offshore Team – 1	08/01/2026	12-month anniversary Date 07/31/2027	\$16,000

Non-Renewal and Post-Term Support:

If the Customer does not renew its agreement with Orion, any requests for information, assistance, support, historical data retrieval, data dumps, investigations, or other ad hoc services following termination or expiration of the agreement shall be considered out of scope. Such services, if provided, will be subject to Orion's availability and billed separately at Orion's then-current rates under a mutually agreed written agreement.

Changes & Modifications:

Client may request changes to this Statement of Work in writing and in sufficient detail. Any changes to this Statement of Work must be agreed upon in writing signed by both Parties as a Change Order as detailed in the Agreement.

Terms & Conditions

- Pricing Includes:
 - All expenses borne by Orion and its teams. The Customer would not be liable to pay for any additional costs such as travel, food, or other expenses. This engagement is delivered remotely, and no onsite travel has been scoped.
 - Assume an 8-hour workday/ 40-hour work week Monday through Friday.
 - Do not include any additional costs related to software licenses, platform, or hardware that would be needed for the successful implementation of the effort in scope.
 - While Orion provides its team members with laptops and requisite software (based on project requirements) the Customer would be expected to furnish any additional software licenses required for the project implementation
- All dates indicated above are based on our current understanding of the scope of the engagement and could be revised based on additional findings.
- The Client's leadership will ensure communication with and the availability of the required Business and Technology staff for the success of this engagement.

General Assumptions & Dependencies:

- **Changes to the requirements**, assumptions and dependencies as outlined in this document may require adjustments to the pricing and schedule submitted herein.
- **All pricing and timeframes** are contingent on timely participation by the Customer, including providing the necessary source assets, technical code, content, feedback, meetings, and/or decisions. Delays in such participation may result in adjustments to the Project's resources and timelines.
- All agreements in this statement of work (SOW) document end with completion of work and payment in full to Supplier.
- Approval of all deliverables as per MSA.

Invoicing details & schedule

Invoice Term: Yearly, Invoice beginning of the SOW, Net 30

Orion Systems Integrators, LLC.

Alameda County Mosquito Abatement District

Signature

Signature

Print Name:

Print Name:

Title:

Title:

Date:

Date:

Leading Edge Associates, Inc.
702 Tulip Tree Ct
Fletcher, NC 28732

SOFTWARE LICENSE AGREEMENT

MAPVISION®

Licensee:	Alameda County Mosquito Abatement District	Effective Date:	October 1, 2017
Address:	23187 Connecticut St	Phone:	510-783-7744
	Haywood, CA 94545	Fax:	
Contact:	Robert Ferdan	E-mail:	robert@mosquito.org

This Software License Agreement (the “**Agreement**”) is executed to be effective on the date written above (the “**Effective Date**”) by and between the Licensee (as defined above) and Leading Edge Associates, Inc. (“**LEA**”).

1. **MapVision® Software.** LEA is the owner of the MapVision® Software (the “**Software**”) developed by LEA as further identified in Exhibit A to this Agreement.

2. **Fees and Payment Terms.**

2.1 **License Fee.** In consideration of the license granted by LEA to Licensee for use of the MapVision Software (as described in Section 4.1), Licensee shall pay LEA license fees as set forth in Exhibit A (the “**License Fee**”). The License Fee shall be due and payable as further described in Exhibit A.

2.2 **Training Fee; Support Fee; Other Fees.** In consideration of services to be provided by LEA in connection with the MapVision Software, Licensee shall pay LEA a Training Fee and Support Fee as set forth in Exhibit A and as described below:

2.2.1 **Training Fee.** The training fee covers services to be performed by LEA in connection with the installation of the MapVision Software (the “**Training Fee**”). The Training Fee shall be paid as set forth in Exhibit A.

2.2.2 **Support Fee.** The support fee shall cover support and maintenance of the MapVision® Software and shall be paid as set forth in Exhibit A as the Agreement continues in effect (the “**Support Fee**”).

2.2.3 **Reimbursable Expenses.** Licensee shall pay or reimburse LEA for all reasonable travel and out-of-pocket expenses incurred by LEA or its representatives to perform services on-site at Licensee’s facilities. Reimbursable expenses for travel include travel, local transportation, lodging and meals. Such expenses shall be payable as set forth in Exhibit A.

2.3 **Payment Terms.** For the convenience of Licensee, LEA shall issue invoices for the various fees as they become payable under this Agreement. All invoices shall be paid within thirty (30) days after the invoice date. No failure or delay by LEA in issuing invoices shall relieve Licensee of its obligation to pay fees as they become due under this Agreement.

2.4 Taxes. Fees and other charges set forth in Exhibit A or otherwise payable under this Agreement are shown or will be quoted exclusive of any sale or use taxes. Licensee shall be responsible for the payment of all sale or use taxes related to the purchase of MapVision and the License Fee.

2.5 Interest. Any amount not paid to LEA when due under this Agreement may, at the option of LEA, accrue interest payable by Licensee at the rate of one and one-half percent (1-1/2%) per month or the maximum rate allowed by law, whichever is less, from the date such amount first becomes due until it is paid in full.

3. Training; Support and Maintenance.

3.1 Training; Support and Maintenance. LEA shall provide initial training as described in Exhibit A. The cost of initial training is included in the Training Fee. At Licensee's request, LEA may from time to time provide additional training at LEA's then-current rates for services.

3.2 Support and Maintenance. Support and maintenance for the MapVision Software shall be provided as set forth in Exhibit A.

4. License of Software.

4.1 License of Software. During the period commencing on the Effective Date and continuing until this Agreement is terminated, LEA grants Licensee a non-exclusive, non-transferable license to (i) use the MapVision® Software at its main facility for the purpose of operational management of surveillance data. Licensee may not use the MapVision® Software or any of its components to process data for any other person or entity, including, without limitation, any affiliate of Licensee, other than for the services set forth on Exhibit A. Such other entities constitute distinct users and sites for which additional licenses would be required.

4.2 Authorized Users. Licensee may permit any person employed by or associated with Licensee's operational and administrative functions (each, an "Authorized User") to access and use the MapVision® Software in accordance with the license granted above. From and after the Effective Date, Licensee shall be solely responsible for the registration and administration of Authorized Users of the MapVision® Software. At all times, Licensee, not LEA, shall be responsible for the acts and omissions of its personnel in using the MapVision® Software, including any unauthorized use of any user identification code and password assigned to an Authorized User.

4.3 License Restrictions. The license granted to Licensee for the MapVision® Software is a limited license that is made subject to the terms and conditions of this Agreement. Without limitation, no right or license is granted to Licensee to (i) reproduce, distribute, share, sublicense, sell, assign or otherwise transfer the MapVision® Software or Licensee's rights to use the MapVision® Software; (ii) translate, modify or adapt any part of the MapVision® Software; (iii) disassemble, decompile or reverse engineer any part of the MapVision® Software; or (iv) create any new or derivative works based on all or any part of the MapVision® Software. Except as may be expressly provided in this Agreement, Licensee has no right to use or have possession of any source code for any part of the MapVision® Software. All rights in the MapVision® Software are reserved to LEA and its respective licensors or suppliers, subject to the license granted to Licensee in this Agreement.

4.4 Ownership of MapVision® Software. Title to, and all ownership rights in, the MapVision® Software and its various components, and all copyrights, patents, trade secrets and other proprietary rights that may arise therein or be associated therewith, shall at all times remain in LEA or third parties from which LEA has obtained license or distribution rights. Licensee agrees that it shall not at any time

challenge or contest the validity or ownership of any such proprietary rights, and the license granted herein shall not be construed to abridge such rights.

4.5 Use of Data by LEA. During the period commencing on the Effective Date and continuing until this Agreement is terminated, Licensee grants LEA a non-exclusive, non-transferable license to (i) access, collect, use, process and return the data of Licensee that may be accessed by LEA through, or otherwise contained or held, on the server of Licensee or that is otherwise created or stored through the use of the MapVision® Software (“**Licensee Data**”). The use of Licensee Data should be limited to the extent necessary for LEA to perform its obligations under the License Agreement. All other use of Licensee Data should be expressly prohibited.

5. Licensee Acknowledgments. Licensee acknowledges and agrees that Licensee assumes full responsibility for use of the MapVision® Software in its operations and administration and shall be responsible to LEA for any unauthorized use due to the action or inaction of Licensee.

6. Authority of Parties.

6.1 Licensee. Licensee warrants to LEA that Licensee is authorized to enter into this Agreement and to perform the obligations undertaken by it in this Agreement.

6.2 LEA. LEA warrants to Licensee that LEA is authorized to enter into this Agreement and to perform the obligations undertaken by it in this Agreement.

7. Software Warranty.

7.1 MapVision® Performance. LEA warrants to Licensee that the components of the MapVision® Software implemented pursuant to this Agreement will perform in all material respects in accordance with the specifications set forth in the attached Exhibit B (“**Specifications**”). The foregoing warranty shall continue for a period of one (1) year following the effective date and shall automatically renew for additional one (1) year periods to and until such date as the Licensee ceases payment of the Support Fee (the “**Warranty Period**”). Licensee shall promptly notify LEA in writing of any alleged error or non-conformity it discovers during the Warranty Period and provide such information as LEA may request to replicate the error or non-conformity. LEA shall use its commercially reasonable best efforts to correct, cure or otherwise remedy such error or non-conformity, including by developing a work-around that provides the same or better functionality as described in the Specifications.

7.2 Limitations. The warranty provided in this Section shall be void, and LEA shall not be obligated to correct or cure any alleged error or non-conformity if (a) Licensee has modified any part of the MapVision® Software or allowed any modifications to be made to any part of the MapVision® Software, including, without limitation, any unauthorized changes to the configuration of the MapVision® Software; (b) the MapVision® Software has been misused or damaged by Licensee in any respect; (c) Licensee fails or refuses to implement any updates or patches LEA may provide to Licensee from time to time; (d) Licensee does not notify LEA of the existence or nature of the error or non-conformity promptly upon its discovery or cooperate with LEA to identify or replicate the problem; or (e) the error or non-conformity is the result of any fault in or incorrect use of any hardware, operating system or other third-party software used by Licensee, whether directly for the operation of the MapVision® Software or otherwise.

THE WARRANTY SET FORTH IN THIS SECTION IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LEA DOES NOT WARRANT THAT THE

OPERATION OF THE MAPVISION® SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE OR THAT THE LICENSEE DATA ACCESSED BY LEA AND PROVIDED TO LICENSEE WILL BE UNINTERRUPTED OR ERROR-FREE. FURTHERMORE, THE REMEDY PROVIDED IN SECTION 7.1 SHALL BE THE EXCLUSIVE REMEDY OF LICENSEE FOR ANY ERROR OR NON-CONFORMITY IN THE MAPVISION SOFTWARE OR LICENSEE DATA.

8. Term and Termination.

8.1 *Term; Renewal.* This Agreement shall commence on the Effective Date and continue in effect for a period of one (1) year from the Effective Date (the “**Term**”). This Agreement shall automatically renew for additional one (1) year terms for as long as Licensee shall use the MapVision® Software to and until this Agreement may be terminated pursuant to the provisions of this Section 8. Continuation of technical support shall be based solely on the continuance by Licensee of payment of the Support Fee.

9. LEA shall issue invoices for the training, support and maintenance fee and any approved reimbursable expenses. All invoices shall be paid within thirty (30) days after the date of the invoice.

9.1 *Termination for Breach.* If either party fails to comply with any of the provisions of this Agreement other than the payment terms, the other (non-breaching) party may terminate this Agreement upon thirty (30) days prior written notice to the breaching party unless within the notice period (or any extension of the notice period), the breach is cured. Any notice of termination shall describe the alleged breach in reasonable detail. If the alleged breach is, by its nature, one that is susceptible to cure but cannot reasonably be fully cured within the notice period, the time for cure shall be extended for an additional thirty (30) days (or such longer time as the parties may agree), *provided* that the breaching party undertakes reasonable measures toward cure within the original notice period and continues to use its diligent efforts to effect a cure of the breach as promptly as practicable.

9.2 *Insolvency.* Either party may terminate this Agreement immediately in the event that the other party becomes insolvent or is unable to pay its debts as they become due, files a petition for bankruptcy relief or has a bankruptcy petition filed against it which is not dismissed within 90 days after the filing date, makes an assignment for the benefit of its creditors or has a receiver appointed to administer its assets, or ceases to conduct business (other than in connection with a merger, sale or other corporate restructuring or a permitted assignment of this Agreement).

9.3 *Effect of Termination.* Upon the expiration or other termination of this Agreement, each party’s obligations under the Agreement shall terminate, and neither party shall have any further obligations to the other party under the Agreement except as follows:

9.3.1 Any unpaid fees or other charges payable by Licensee to LEA under this Agreement shall be immediately due and payable.

9.3.2 The license granted in this Agreement shall immediately cease, and Licensee shall promptly uninstall and return to LEA (or, at LEA’s option, destroy) all copies of all MapVision® Software in Licensee’s possession or control.

9.3.3 Certain provisions of this Agreement are intended by their nature to survive the expiration or termination of this Agreement. Such provisions include, without limitation, terms relating to proprietary rights, confidentiality and non-disclosure, limitations of liability and disclaimers. The parties agree that all such provisions shall survive any expiration or termination of the Agreement and shall remain in effect indefinitely.

9.4 Termination of Support and Maintenance. In the event that this Agreement is terminated pursuant to the provisions of this Agreement, all obligations of LEA to provide annual support and maintenance of the MapVision® Software shall cease. In the event that the actions of LEA result in the termination of this Agreement by Licensee pursuant to the provisions of Section 8.4, LEA shall refund to Licensee a prorated portion of the Support Fee. In all other instances, including election by Licensee not to continue with the annual support and maintenance program, LEA shall not be required to refund any portion of the Support Fee paid by Licensee.

10. Indemnification by Licensee. Licensee shall indemnify, defend and hold harmless LEA and its affiliates, officers, directors, employees, agents, successors and assigns, from and against all claims, demands, liabilities, damages and costs including, without limitation, its reasonable attorneys' fees and other costs of defense, arising from or relating to (a) Licensee's breach of any terms of this Agreement; (b) use of the MapVision® Software or Licensee Data by Licensee or any employee, agent, representative or other person acting on behalf of Licensee in any manner inconsistent with the terms and conditions of this Agreement; (c) use of the MapVision® Software or Licensee Data in connection with any services or advice rendered by Licensee or any of its employees, agents or representatives to any person; or (d) unauthorized use of the MapVision® Software by a third party that has obtained access to the MapVision® Software from Licensee.

11. Indemnification by LEA.

11.1 Breach. LEA shall indemnify, defend and hold harmless Licensee and its affiliates, officers, directors, employees, agents, successors and assigns, from and against all claims, demands, liabilities, damages and costs, including, without limitation, its reasonable attorneys' fees and other costs of defense, arising from or relating to LEA's breach of any terms of this Agreement.

11.2 Intellectual Property Claims.

11.2.1 To the best of LEA's knowledge, the MapVision® Software does not violate or infringe upon any United States copyright or patent now issued and in effect or any other property rights of a third party. LEA will defend, indemnify and hold harmless any claim, damage, demands, liabilities, costs, including, without limitation, reasonable attorneys' fees and other costs of defense, brought against Licensee or any of its Authorized Users to the extent that such claim is based upon any allegation that use of any part of the MapVision® Software, as delivered and implemented by LEA, infringes a copyright, patent or other property right.

11.2.2 Licensee shall provide LEA prompt written notice of any information or knowledge it may have of such an infringement claim or allegation, and Licensee shall cooperate in the defense and settlement of any such claim asserted. As between LEA and Licensee, LEA shall have the right to control the defense, negotiation and settlement of any such claim. LEA shall not consent (nor authorize any other person to consent) to any voluntary judgment or settlement of any infringement claim to the extent such judgment or settlement would impose upon Licensee any non-monetary relief (except injunction of further infringement) without the express written consent of Licensee. Licensee may participate at Licensee's own cost in the defense of any infringement claims relevant to its use of the MapVision® Software; *provided* that Licensee's participation does not and shall not, in the professional judgment of counsel to LEA, interfere in LEA's defense, negotiation or settlement of any such claim.

11.2.3 If the MapVision® Software becomes or, in LEA's 's reasonable opinion, is likely to become, the subject of a claim for infringement, LEA may, at its option and expense, (a) procure for Licensee the right to continue to use the infringing material; (b) modify the infringing material

so that it becomes non-infringing with no substantial loss of functionality; or (c) pay Licensee as liquidated damages for loss of use of the MapVision® Software an amount equal to the sum of the License Fee actually paid by Licensee to LEA, plus any prepaid amount of the Support Fee for the part of any annual period Licensee is deprived of its use of the MapVision® Software as a result of an infringement claim. If LEA is unable to provide the remedy described in either clause (a) or (b) of this paragraph, then Licensee may, in its discretion, terminate this Agreement and LEA shall pay to Licensee a pro rata refund of fees paid in advance during the Term or any renewal term.

11.2.4 LEA shall not be responsible for any infringement liability, or any claim of infringement, if or to the extent that the alleged infringement arises from or is based on (a) any modifications or alterations made to any part of the MapVision® Software by any person other than LEA or its authorized representatives, (b) any modifications or alterations made to the configuration of the MapVision® Software by any person other than LEA or its authorized representatives, (c) the combination of the MapVision® Software with any hardware, software or other information system in any manner not recommended or performed by LEA, or (d) any use of the MapVision® Software after release of a patch or update not installed by Licensee if and to the extent that the infringement would have been avoided had such patch or update been installed.

11.2.5 THIS SECTION 10.2 STATES LEA'S ENTIRE OBLIGATION AND LIABILITY TO LICENSEE AND ANY OTHER PERSON CLAIMING BY, THROUGH OR UNDER LICENSEE REGARDING INFRINGEMENT OF ANY FORM OF PROPERTY RIGHT.

12. Limitation of Liability. NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY OR TO ANY OTHER PERSON FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, ANY CLAIM FOR LOSS OF SERVICE OR LOST PROFITS, ARISING FROM OR RELATING TO THIS AGREEMENT, THE MAPVISION® SOFTWARE OR THE LICENSEE DATA, WHETHER BASED UPON A CLAIM FOR BREACH OF CONTRACT, TORT OR ANY OTHER THEORY OF LIABILITY, EVEN IF ADVISED OF THE POSSIBILITY OR LIKELIHOOD OF SUCH DAMAGES. EXCEPT FOR THE OBLIGATIONS OF EITHER PARTY TO INDEMNIFY THE OTHER UNDER THIS AGREEMENT, IN NO EVENT SHALL EITHER PARTY'S TOTAL LIABILITY IN CONNECTION WITH OR UNDER THIS AGREEMENT (WHETHER UNDER THE THEORIES OF BREACH OF CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR ANY OTHER THEORY OF LAW) EXCEED THE LICENSE FEE PAID BY LICENSEE UNDER THIS AGREEMENT.

13. Confidential Information.

13.1 *Confidential Information.* In connection with this Agreement and Licensee's use of the MapVision® Software, each party may disclose to the other Confidential Information regarding its business or products. "**Confidential Information**" means any information that is not generally known to the public or that would constitute a "trade secret" under the Uniform Trade Secrets Act, but does not include any information that the recipient can establish was already known to the recipient at the time it was disclosed in connection with this Agreement, information that is developed independently by the recipient or received from a third party lawfully in possession of the information and having no duty to keep the information confidential, or information that becomes publicly known other than by a breach of this Agreement. Confidential Information includes, among other things, all software and technology comprising the MapVision® Software, the terms and conditions of this Agreement and any information regarding Licensee's operations. The facts of the existence of this Agreement and the relationship of the parties as vendor and licensee are not confidential.

13.2 *Non-Disclosure.* Each party agrees to hold the Confidential Information of the other party in strictest confidence and not to copy, reproduce, distribute, publish or disclose such Confidential

Information to any person except as expressly permitted by this Agreement. In the event disclosure of the other party's Confidential Information is required by law or any government or judicial order, the party compelled to make such disclosure shall use its best efforts to give the other party prior notice, cooperate with the party whose information is to be disclosed to preserve the confidentiality of the Confidential Information consistent with applicable law and use its reasonable efforts to limit any disclosure to the minimum extent necessary to comply with such law or order.

13.3 *Duration.* All right, title and interest in and to any Confidential Information provided to the receiving party will remain vested in the disclosing party. The obligation of the parties under the provisions of this Section 12 shall continue in effect as to any information as long as such information is not generally known to the public.

13.4 *Injunctive Relief.* The parties agree that unauthorized disclosure of a party's Confidential Information in violation of this Agreement will result in irreparable harm to the disclosing party, the damages for which cannot be ascertained or compensated by monetary awards, and that the disclosing party shall, therefore, be entitled to seek and obtain whatever injunctive or other equitable relief may be available without posting bond or other security.

14. Miscellaneous.

14.1 *Entire Agreement.* This Agreement and the documents expressly referred to in this Agreement constitute the entire agreement between the parties relating to the license of the MapVision® Software and supersede all prior understandings and agreements, whether written or oral, that may relate to the subject matter of this Agreement.

14.2 *Severability.* Should any provision of this Agreement be held by a court of competent jurisdiction to be illegal, invalid or unenforceable, such provision shall be deemed modified to the extent necessary (consistent with the intent of the parties) to eliminate the illegal, invalid or unenforceable effect, or to delete such provision if modification is not feasible, and the remaining terms shall continue in full force and effect.

14.3 *Independent Parties.* Nothing in this Agreement is intended or shall be construed to create any relationship of employer and employee, agent and principal, partnership or joint venture between the parties. LEA and Licensee are independent parties. Neither of the parties assumes, directly or indirectly, any liability for the other party. Neither party has any authority to bind or obligate the other party, and neither shall represent to anyone that it has such authority.

14.4 *No Use of Name.* Except as required for purposes of performing its respective obligations under this Agreement, LEA shall not use the name, logo, trademarks, images or other intellectual property of Licensee for any advertising, marketing, endorsement of the MapVision® Software or for any other purposes without the specific prior written consent of an authorized representative of Licensee as to each such use. LEA may, however, identify Licensee as a user of the MapVision® Software.

14.5 *Governing Law.* This Agreement and all disputes arising under or related to it shall be governed by the laws of the State of Florida applicable to contracts made and to be performed wholly within the State of Florida. Each of the parties submits to the jurisdiction of the state and federal courts located in Florida.

14.6 *Dispute Resolution.*

14.6.1 In the event that any dispute arises under this Agreement, the parties agree that prior to commencing arbitration or any other legal proceeding, each party shall send an officer or senior management representative of such party to negotiate a resolution of the dispute in good faith at a time and place mutually agreed. The officer or other representative designated by each party shall have the authority to bind his or her respective party in all material respects related to the dispute. Notwithstanding the foregoing, each party shall have the right to seek injunctive relief with respect to any conduct or omission of the other party so as to avoid or minimize the prospect of irreparable harm resulting from such conduct or omission.

14.6.2 In the event the parties cannot resolve the dispute by negotiation, then the dispute shall be resolved by binding arbitration. Any such arbitration shall be conducted in accordance with the Commercial Arbitration Rules of the American Arbitration Association; as such rules may be modified by the mutual agreement of the parties and the arbitrators selected. Unless otherwise agreed by the parties, proceedings in any arbitration will be held in Naples, Florida. The arbitration shall be conducted by a single arbitrator who shall be knowledgeable about software and/or electronic records management. Judgment on the arbitration award may be entered by any court (state or federal) having jurisdiction over such award. The arbitrator shall have no power or authority to award punitive damages. Except as expressly provided by the provisions of this Section 14.5, no party shall commence litigation in any federal or state court regarding matters arising out of this Agreement and if a party does commence litigation, the other party shall have the absolute right to have such litigation stayed and dismissed. The opposing party may request that the court refer the matter to arbitration or it may instead institute an arbitration proceeding, which shall supersede and take precedence over any court proceedings. All attorneys' fees and costs incurred by a party in opposing and/or obtaining a dismissal or stay of non-arbitration proceedings shall be recoverable against the party initiating such proceedings. The costs and fees of the arbitrator shall be borne equally by the parties. Each party shall bear its own attorneys' fees and related costs and expenses unless expressly awarded by the arbitrator to the prevailing party.

14.7 *Notices.* All communications required or permitted to be given by this Agreement shall be made in writing and shall be sent by commercial delivery or certified U.S. mail to the address for the respective party shown on the first page of this Agreement or to such other address as either party may specify from time to time in writing.

14.8 Any fees associated with any proposed and adapted modifications to this agreement by Licensee requiring at LEA's option to have council review and amend will be the responsibility of the Licensee.

14.9 *No Assignment.* Neither party shall assign or transfer this Agreement or any license granted in this Agreement, whether voluntarily, by operation of law or otherwise, without the prior written consent of the other party, *except* that LEA may assign this Agreement to any successor or to any purchaser of all or substantially all of the business or assets of LEA. Any attempted assignment or transfer that is not approved by the other party as required by this Section 13.8 shall be void and of no legal effect. This Agreement shall inure to the benefit of each of the parties and their respective successors and permitted assigns.

14.10 *No Third-Party Beneficiaries.* Nothing in this Agreement is intended or shall be construed to confer on any person not a party to this Agreement any rights or benefits.

14.11 *Waiver.* This Agreement may only be waived or amended in a writing that is signed by both of the parties and refers specifically to this Agreement. The waiver by either party of any breach of this Agreement does not operate as a waiver of any other breach, and neither party's failure or delay in exercising its rights under this Agreement shall be deemed a waiver of such rights.

14.12 *Force Majeure.* Neither party shall be liable for any failure or delay in the performance of its obligations under this Agreement for any cause beyond its reasonable control including, without limitation, acts of God, fire or other disaster or telecommunications, power or Internet failure. The occurrence of any such event shall toll the time period provided in this Agreement for performance by the affected party.

14.13 *Counterparts.* This Agreement may be executed in two or more counterparts each of which will be deemed an original copy of this Agreement, but all of which together will constitute one and the same agreement.

[Signatures appear on next page.]

IN WITNESS WHEREOF, the parties, intending to be legally bound, have executed and delivered this Agreement effective as of the date first set forth above.

Leading Edge Associates, Inc.

**Alameda County Mosquito Abatement District
("Licensee")**

By: 

By:

Title:

Name: Michael D. Reynolds

Address:

Title: Co Owner

Address:
702 Tulip Tree Ct
Fletcher, NC 28732

**Exhibit A
to
Software License Agreement**

MapVision®

Licensee:	Alameda County Mosquito Abatement District	Site(s):	23187 Connecticut St Haywood, CA 94545
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1. **Licensed Software:** LEA will provide the following software to Licensee:

MapVision® Software

2. **Fees for MapVision® Software license**

- In consideration of the training, support and maintenance provided by LEA to Licensee for the licensed Software, Licensee shall pay LEA a fee of **seven thousand eight hundred dollars (\$7,800.00)** US for the first year beginning on the Effective Date. Each year thereafter, the licensee fee shall increase equal to the percentage change in the Consumer Price Index (CPI), published by the Wall Street Journal (WSJ) of the current year, not to exceed 5.0% annually per year for each year of this Agreement.
- LEA shall maintain, at Licensee's expense, remote access software suitable for the purpose of updating and maintaining the Software installed.
- Licensee shall reimburse LEA for all reasonable travel and out-of-pocket expenses incurred by LEA or its representatives to perform services on-site at Licensee's facilities but only if such travel is approved in writing and in advance by Licensee. Reimbursable out-of-pocket expenses for travel include travel, local transportation, lodging and meals.
- If requested and authorized by Licensee, on-site service and support provided by LEA shall be charged at the following rate: the lesser of either \$850.00 per full day or \$195.00 per hour, based on the total hours worked onsite that day. Additional custom software enhancement work shall be charged at \$195.00 per hour. Enhancement or configuration projects and associated cost estimates shall be approved in writing by the Licensee prior to LEA starting work on configurations.

Two (2) hours each month of programming modifications are included in the training, support and maintenance agreement. Any monthly modifications exceeding the two-hour timeframe, including on-line and telephone support will be billed at \$195.00 per hour. Maintenance program hour time allocations expire monthly and are not rolled-over or accrued to future months. The training, support and maintenance agreement also includes all costs associated with website hosting for Internet and Intranet sites. Upon termination, LEA will no longer provide server access or hosting services, unless Licensee enters into a separate hosting agreement.

3. Payment. The fees set forth above shall be charged via one or more invoices issued by LEA and shall be paid by Licensee on the Effective Date; provided, however, that the Support Fee shall be payable annually

	Description	Units	Unit Cost	Extended Amount	
1	MapVision 2.0 Enterprise	1	\$145,000	\$145,000	
	Total Core Software				\$145,000
2	Data Migration	1	\$15,000	\$15,000	
3	Heightened Surveillance and Parcel Inspection Plan	1	\$10,000	\$10,000	
4	Tier II and III Reporting	1	\$15,000	\$15,000	
5	MapVision Enterprise Mobile iOS App	1	14,770	\$14,770	
	Total Configurations				\$54,770
9	On site integration and training	1	\$6,800	\$6,800	
10	Travel, hotel and expenses	1	\$3,000	\$3,000	
	Total training and travel				\$9,800
	Full Implementation				\$209,570
11	Annual software license and support	1	\$7,800	\$7,800	
	Total project including tax and first year license and support				\$217,370

Payment Terms:					
	Percent	Percent	Due Date	Amount	Benchmark
1	Equipment acquisition	100%	N/A	\$0	N/A
2	Initial payment of all software	50%	Upon acceptance of proposal	\$99,885	Upon acceptance of proposal
3	Balance of software	50%	TBD	\$99,885	TDB
4	On site integration, training & travel	100%	Upon acceptance of proposal	\$9,800	Upon acceptance of proposal
5	Annual license & support	100%	Due upon go live date	\$7,800	Due upon go live

Accepted and acknowledged by the parties below:

Leading Edge Associates, Inc.

**Alameda County Mosquito Abatement District
("Licensee")**

By: 

By:

Title:

Address:

Name: Michael D. Reynolds

Title: Co Owner

Address:
702 Tulip Tree Ct
Fletcher, NC 28732

Exhibit B
Software Warranty & Performance
MAPVISION®

Licensed Software: LEA has provided the following representative features/software to **Alameda County Mosquito Abatement District** including but not limited to these functions. The final configuration is outlined in the Systems Requirement Document.

<i>Operations</i>
Activity card - primary activity & sub activity tracking
Site & source management
Materials and products management system
Employee
Zones
Equipment
Service requests in real time
<i>Mapping</i>
Multiple map interface (Field map, Operations planning map, city boundaries)
Sites and sources
Zones/boundaries
Truck trail replay - spray and no spray (included with MV Flow Control option)
Adult mosquito surveillance
Larval mosquito surveillance
Rainfall surveillance
Auto notification (inventory, service requests, positive birds, mosquitoes & announcements)
My Task feature (activity cards, lab surveillance, service request status)
My Task feature (inventory, workflows)
Extensive login history and activity audit log
Mosquito pool testing results
Dead bird and carcass
Treatment plans/polygons
Ground & aerial GPS system file upload and display
KML files
<i>Laboratory</i>
Mosquito identification
Adult trap counts
Larval counts
CalSurv integration with mosquito abundance & disease testing (carcasses, sentinels)
CalSurv Pesticide Use and Resistance Testing data auto sync (PART)
Resistance management
Bioassays

<i>Reporting Tier I</i>
Action type by employee report
Inventory item by material - adjustment history of items report
Inventory cost by material report
Laboratory item report - adjustment history of items report
California State AG pesticide use report
NPDES report
Billing summaries (invoices, statements, payments, etc.)
Graphs & charts:
- Service requests batch assignment bar chart and map
- Service requests by status pie chart
- Adult trap counts (1 & 5 year average line graphs)
- Acres treated by source/site bar chart
All table queries within MapVision have CSV and PDF functions for printing and exporting
PDFs will have customer logo and are presented in a professional format
<i>Administration</i>
My Task feature
Manage system data
Employee
Source type, sub type, properties and flags
Activity actions
Materials and products management system
Species lists
Real time service requests
Real time asset tracking (vehicles, boats, ATV, etc.)
Treatment and route management (adulticiding, larvaciding, general routing)
Aerial and ground module (spray block design)
Time card management (regular & comp time, OT, vacation, sick leave, holiday, jury duty)
Contact resource management (CRM) for service requests
Inventory management system with automatic reorder, multiple locations, etc.
Lab inventory management system (auto reorder, lab processes, item and batch management)
Permission management
Multiple tier ponds, fountains at site
Tier III update rate set to 15 minutes if reasonable on server
<i>Data Migration</i>
Migrate historical data into MapVision
LEA will provide two migrations, one initially and one prior to go live

<i>Heightened Surveillance and Parcel Inspection Plan</i>
Work flow management system for disease incidents, invasive species, etc.
<i>Tier II and III Reports</i>
Includes all Tier I reports. LEA creates two dashboards with four tiles each that can be shared among departments
Print and access can be defined by administrators within MapVision's permissions module
Updated in real time when data is entered into the MapVision system
Accessible with OS apps from iPhones and iPads
Additional dashboards and tiles will be negotiated based on user requirements
Includes all Tier I and II features. LEA will provide access to the database tables, whereby administrators can create numerous additional dashboards, tiles and visualizations and pin them to the MapVision menu bar
<i>MapVision Enterprise Mobile iOS App</i>
MapVision Enterprise Mobile iOS APP provides field technician features

Leading Edge Associates, Inc---

PO Box 1025
Waynesville, NC 28786

Invoice Date 10/17/2025

Invoice # 17021

Bill To

Alameda Co. Mosquito Abatement Dist.
23187 Connecticut Street
Haywood, CA 94545

Ship To

P.O. #

Terms

Ship Date 10/17/2025

Due Date 10/17/2025

Rep

Item	Description	Qty	Price	Amount
MapVision Annual Service & Supp	MapVision Annual Service & Support Agreement 10/1/25-09/30/26	1	15,000.00	15,000.00T
	Tax Exempt		0.00%	0.00

REMITTANCE ADDRESS

Please make checks payable to Leading Edge Associates Inc.

PO Box 1025

Waynesville, NC 28786

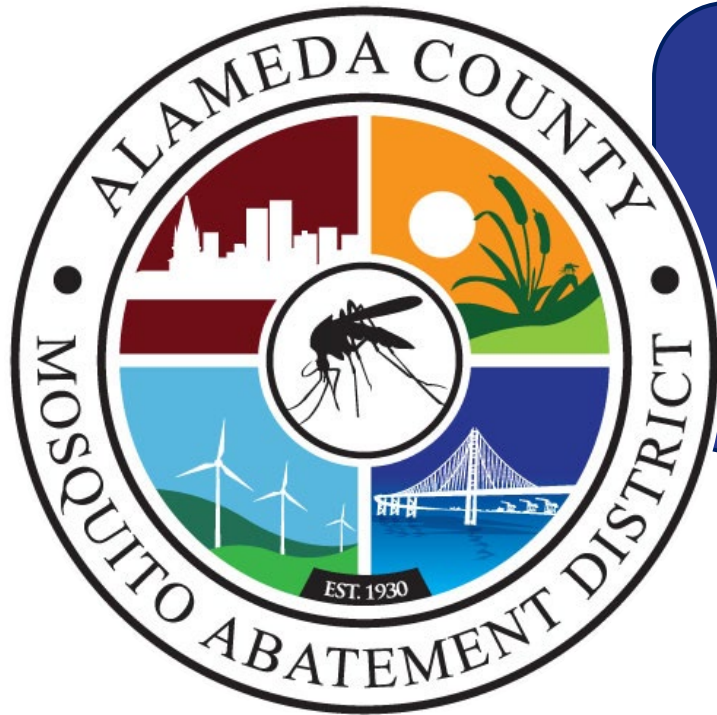
Total	\$15,000.00
Payments/Credits	\$0.00
GRAND TOTAL	\$15,000.00

Should you have any questions, please contact either Pam Leal, 828-283-1232, Email: pam@elevated-accounting.com or Mike Reynolds, 828-246-2111, Email: mreynolds@leateam.com

Thank you for your business!
www.leateam.com

Traps, Maps, and Mosquitoes

ACMAD's Evolving Response to *Aedes aegypti*



Eric Haas-Stapleton, PhD

Alameda County Mosquito Abatement District
Laboratory Director

ACMAD Board of Trustees

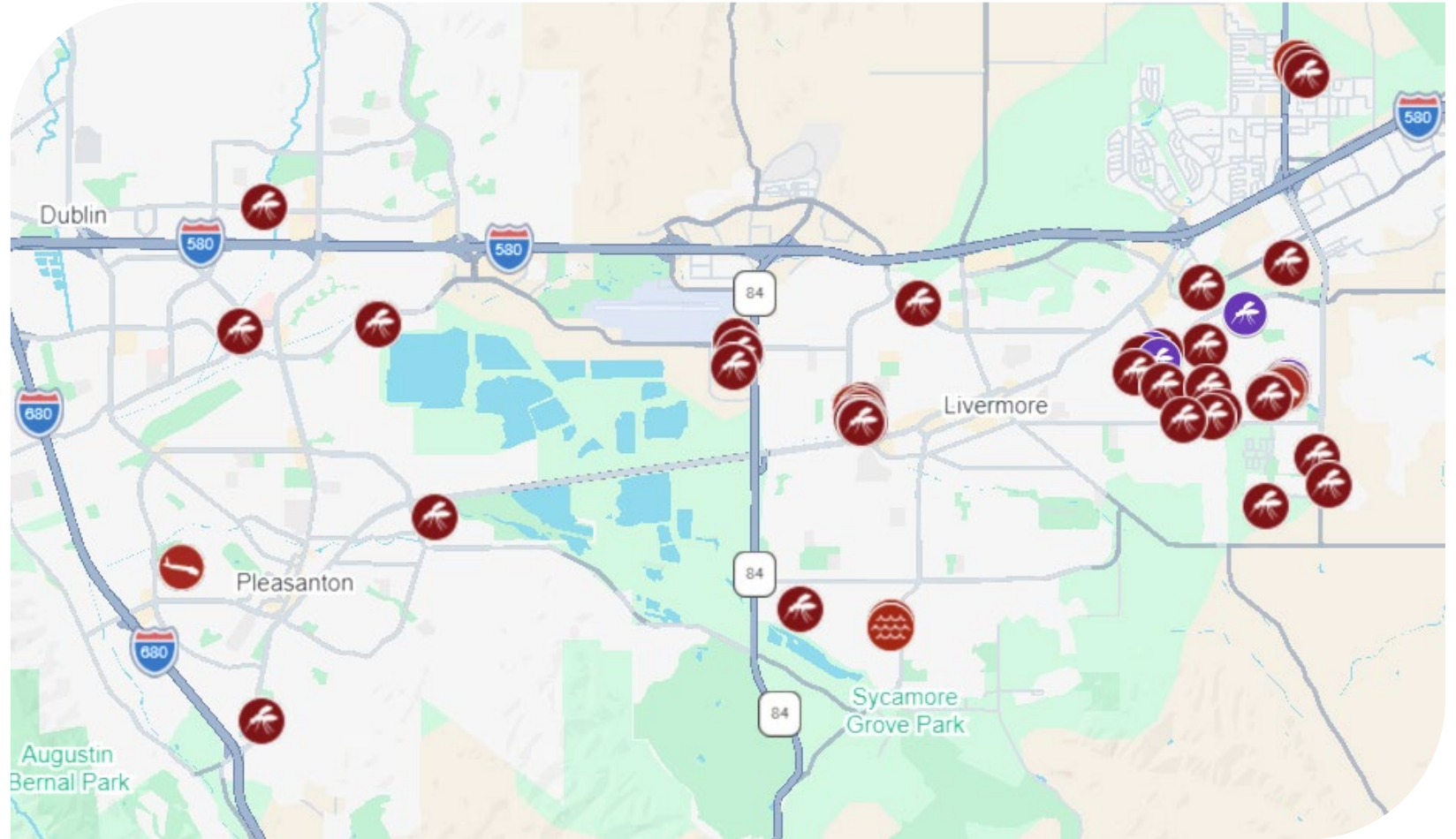
August 2026

Overview

- *Aedes aegypti* surveillance update
 - Grid trapping & detections
- *Wolbachia* WB1 male *Aedes aegypti* release program
 - Release sites and performance monitoring
- Trapping response to human tropical disease cases
 - Collaborative engagement with Alameda County Health Department



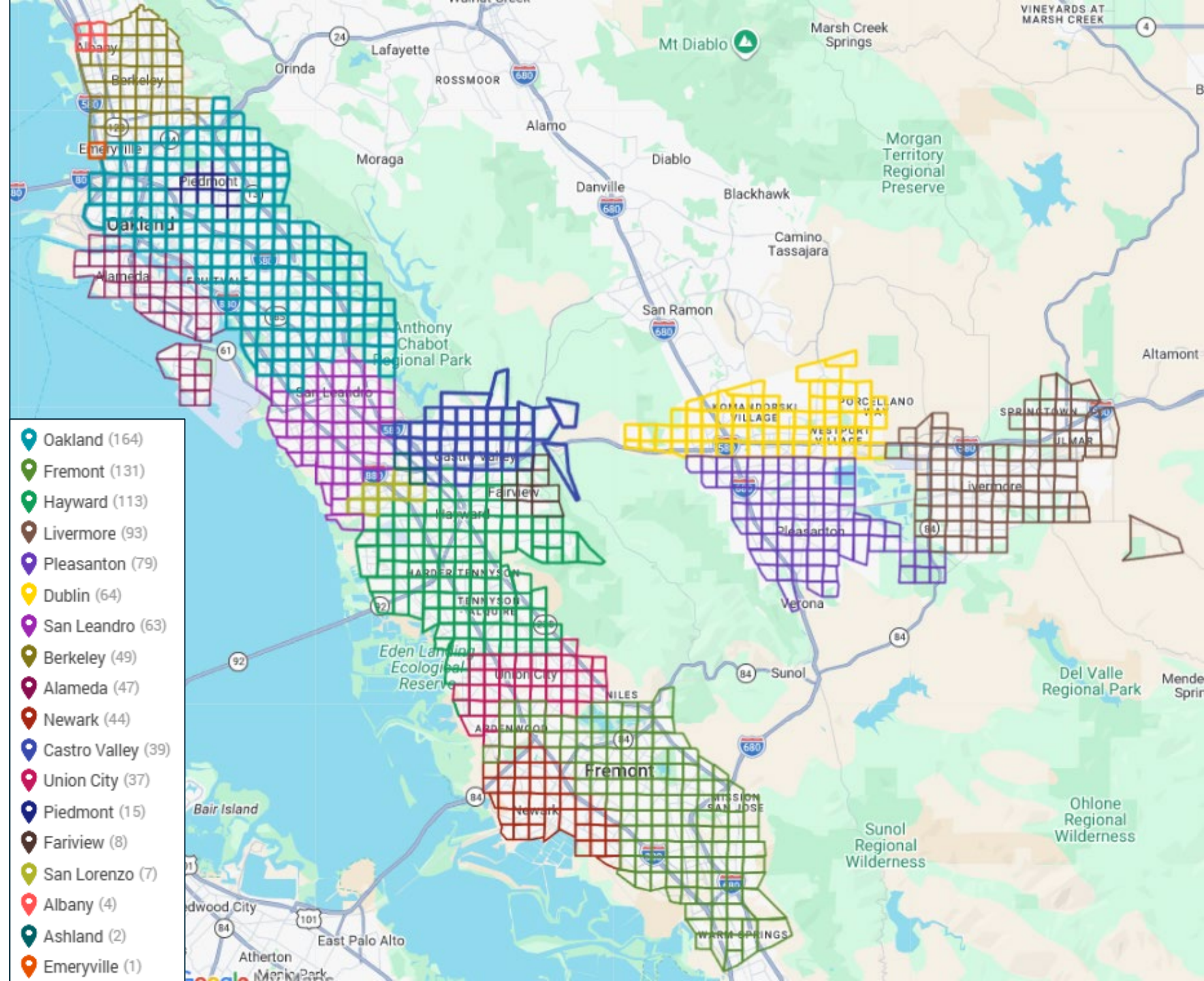
2025
East County
Aedes aegypti
grid trapping
outcome



2026

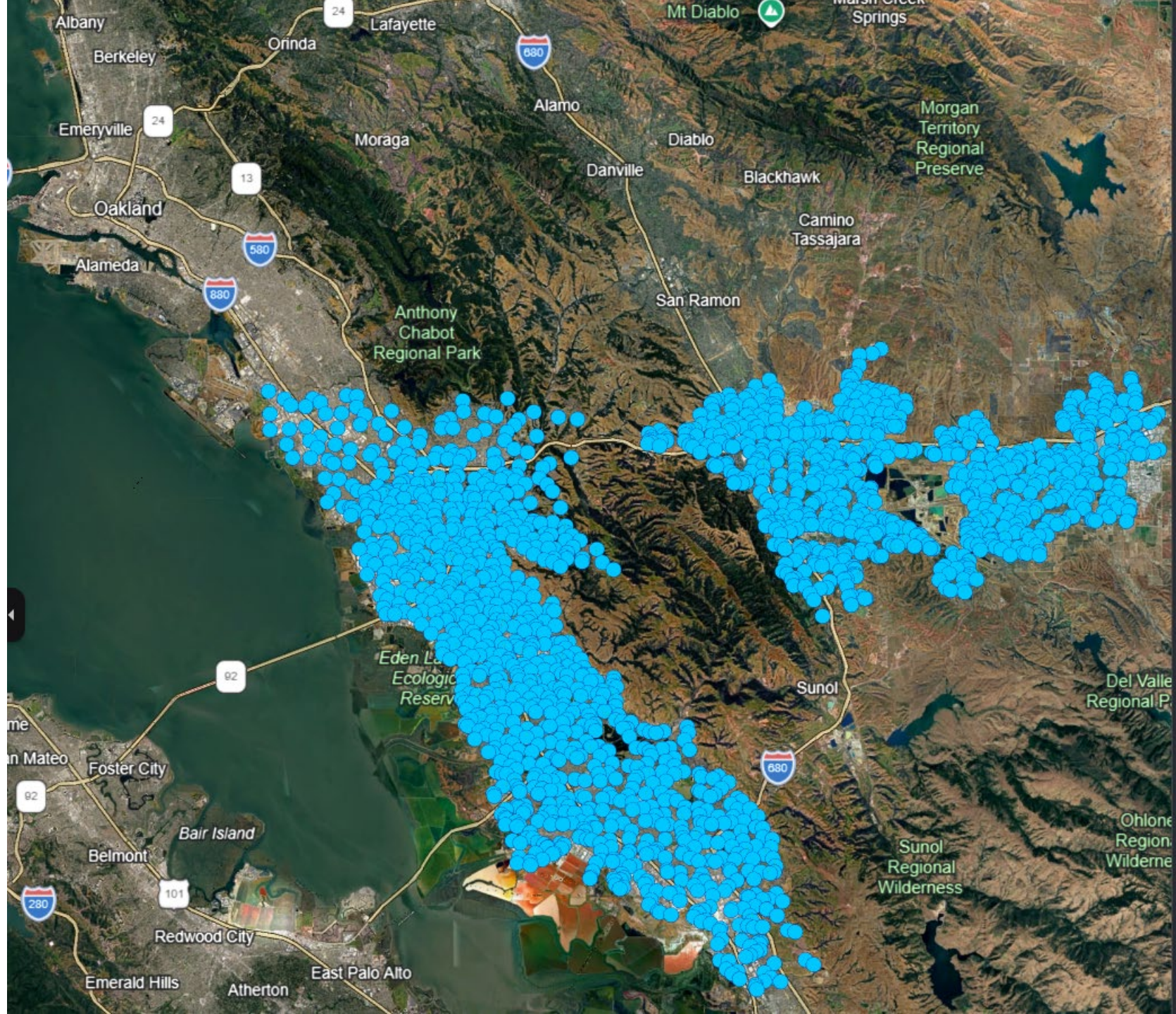
Aedes aegypti grid trapping program

- 960 grids over inhabited areas of Alameda County
- Each grid is ~ 0.25 square miles
- Trapped once a month from May – October

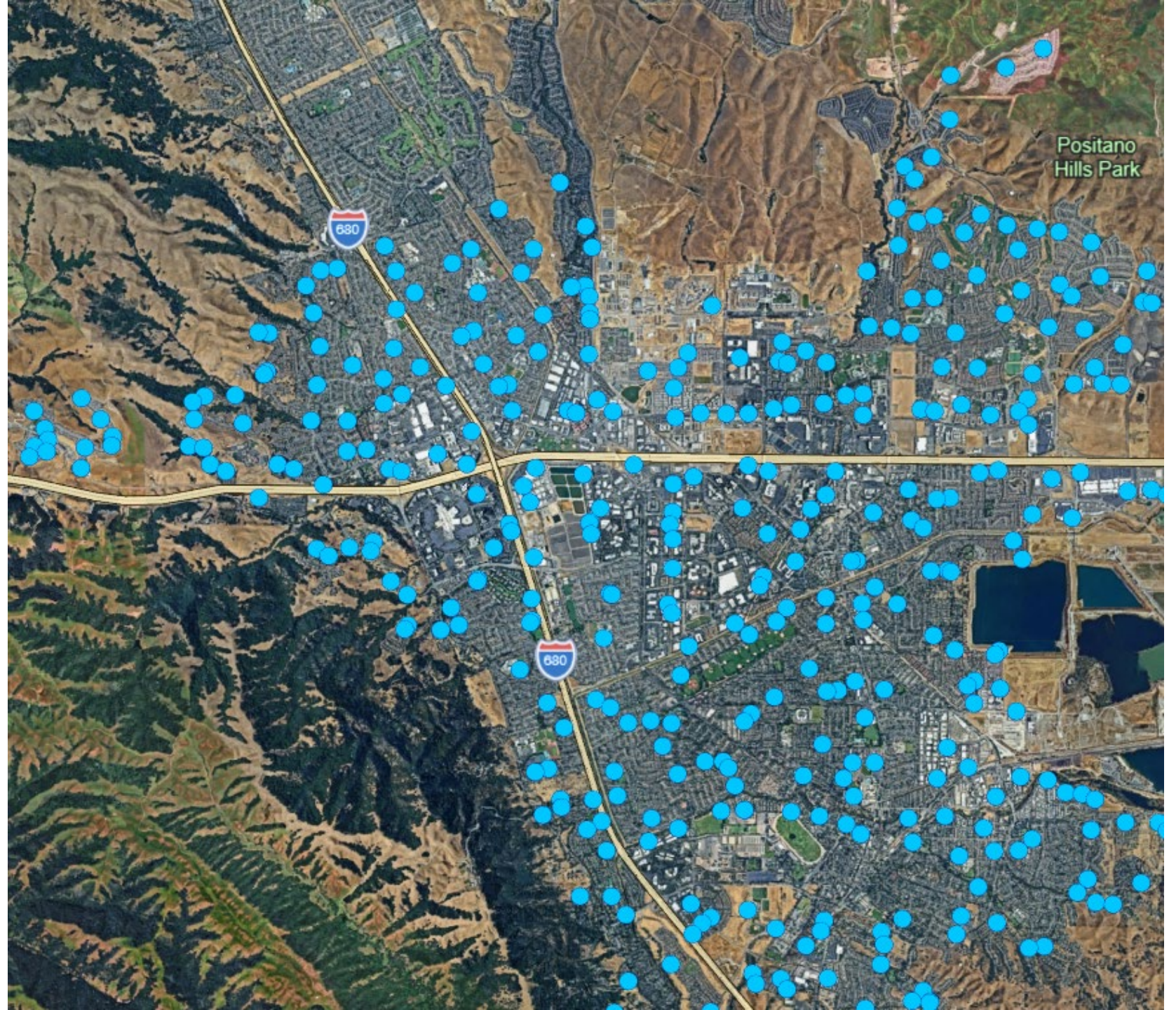


Habitats most suitable for *Aedes aegypti* trapped first

- East, Central and South county trapped early
- North county starting this month



New trap site for
each grid every
month



2026 May - July



8 *Aedes aegypti* from 6 sites

Wolbachia WB1 male *Aedes aegypti* pesticide



Lizbeth Martinez
Community Liaison

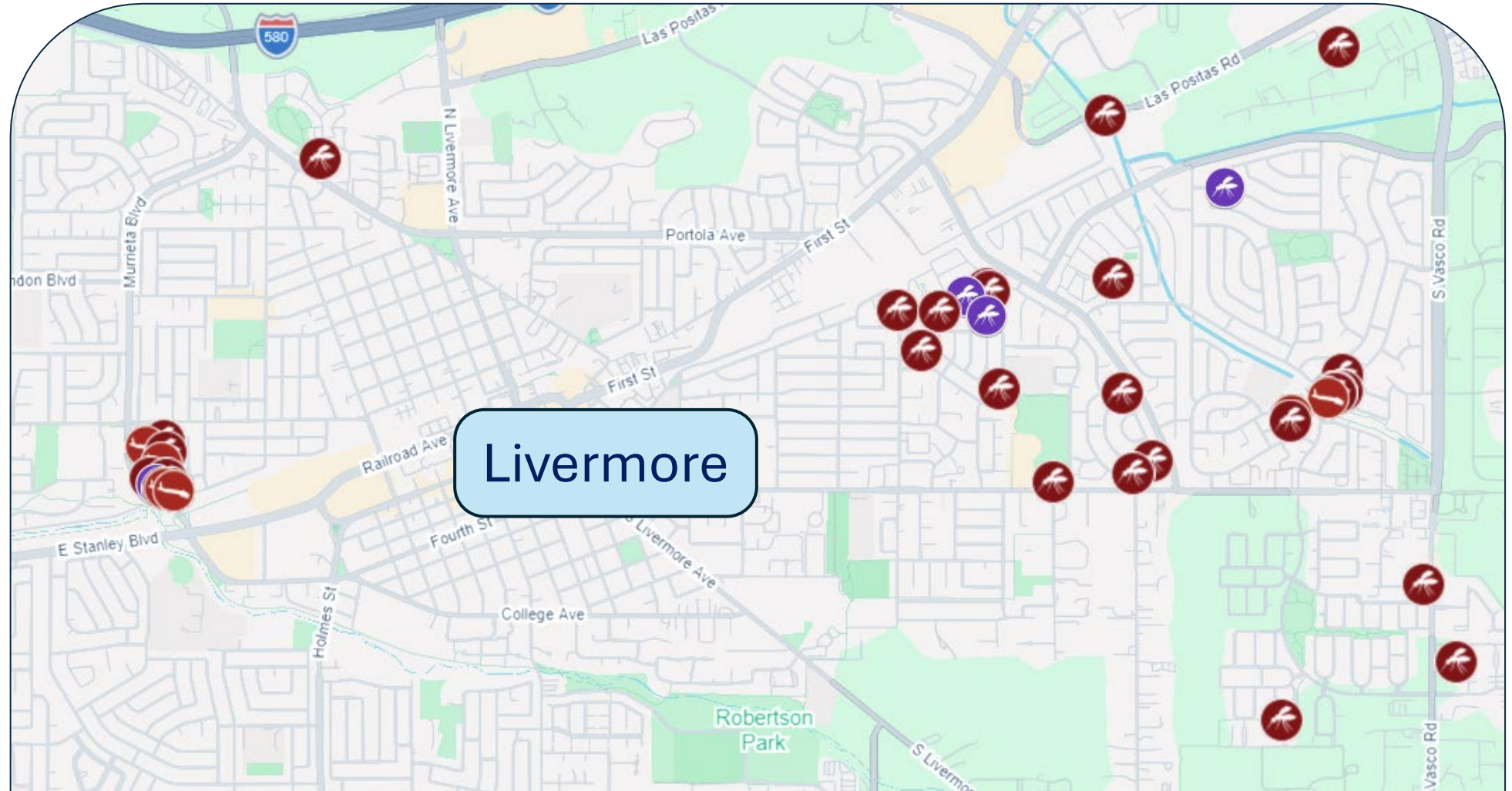


Erika Castillo
Regulatory & Public
Affairs Director



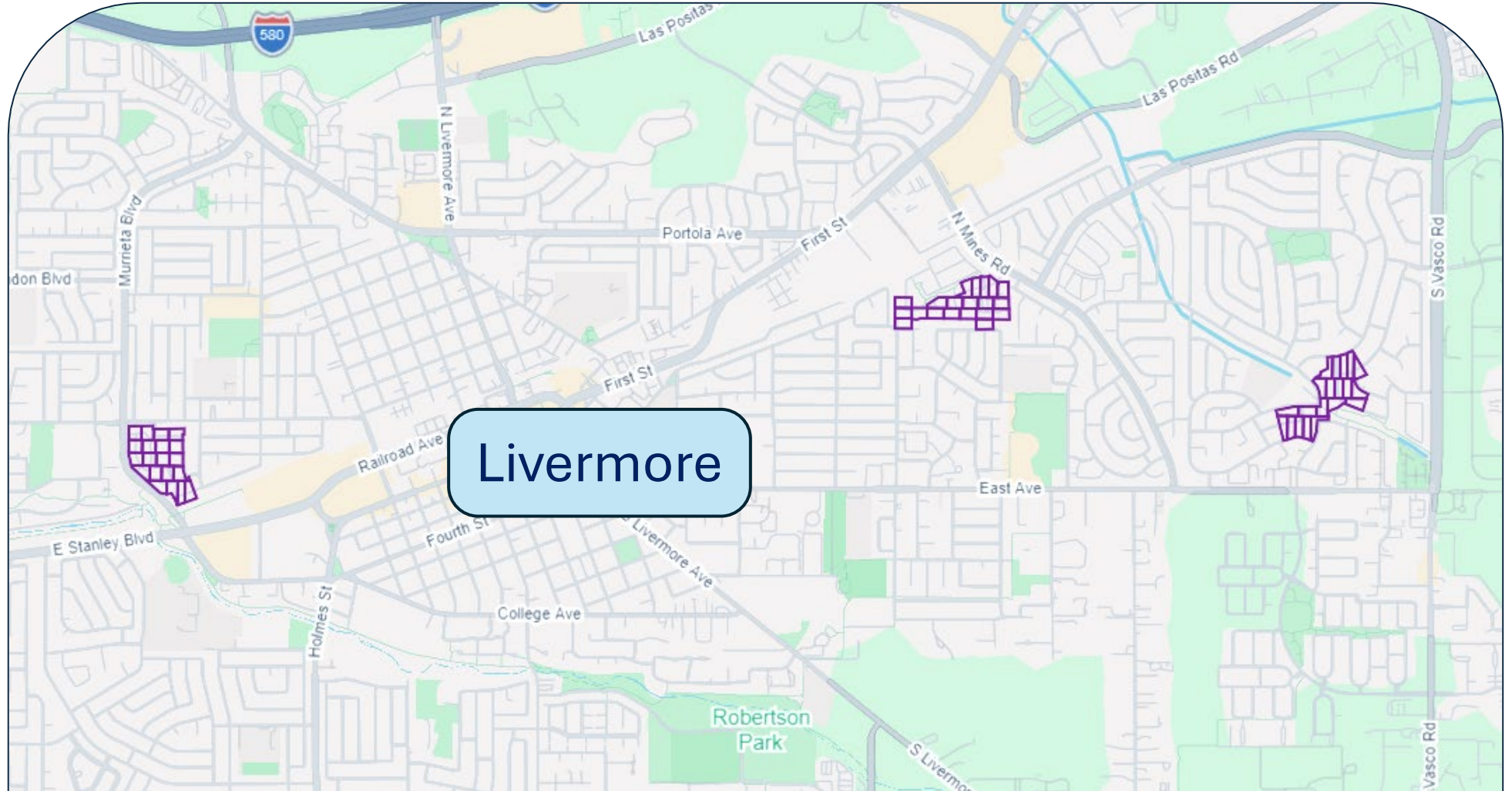
Eric Moyung
Associate Vector Scientist

2025 – *Aedes aegypti* in East County



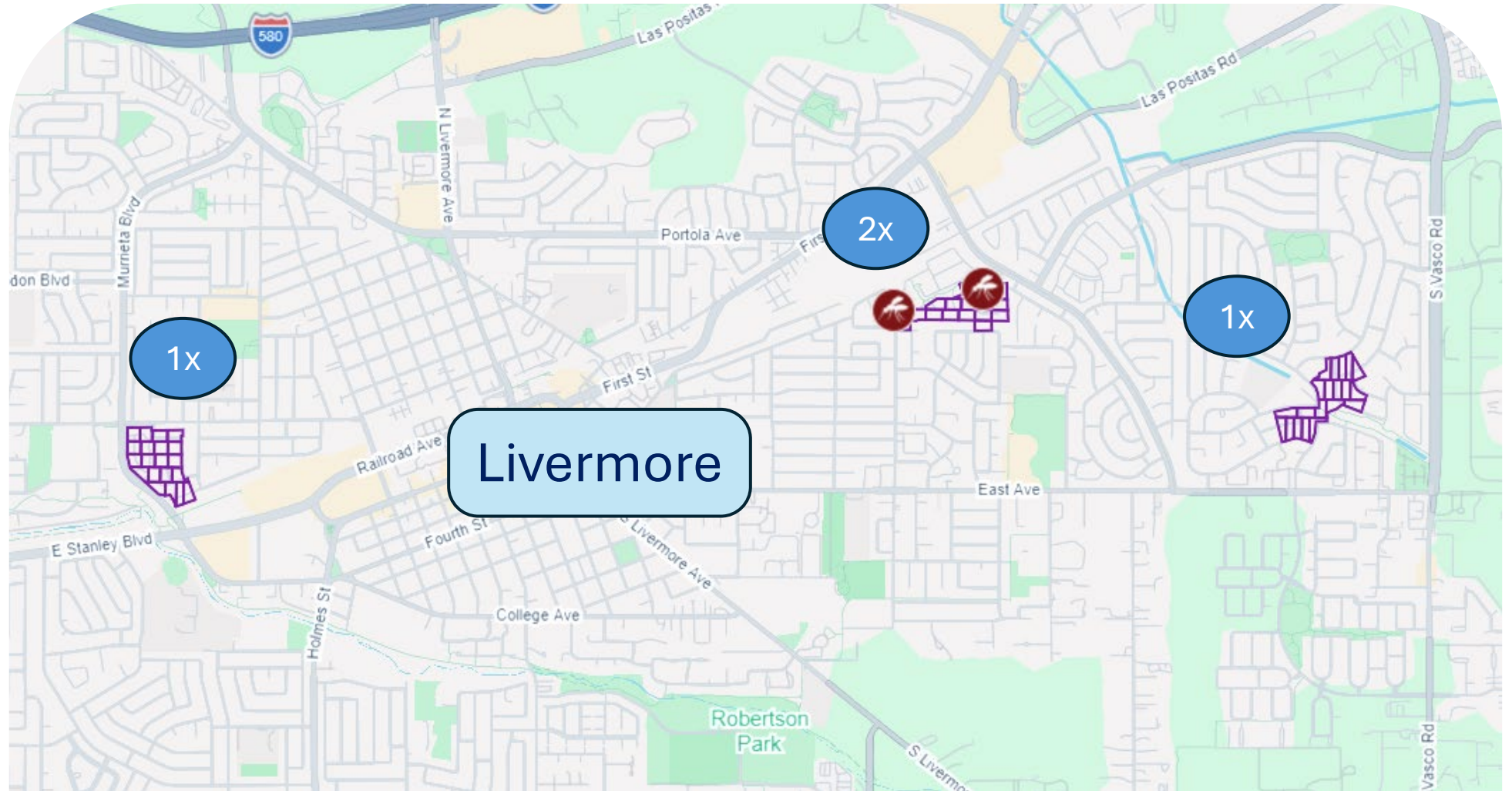
WB1 male release sites (2026)

- Three 20-acre sites
- Released weekly
- 1,200 males per acre



Aedes aegypti detected before 1st release

2 releases
per week
at site with
2026
*Aedes
aegypti*



MRR: monitoring WB1 distribution & impact

Mark

- Dust with fluorescent blue powder

Release

Recapture

- Trap within and adjacent to release sites
 - WB1 will be powdered
 - Local mosquitoes won't



MRR: monitoring WB1 distribution & impact

Mark

- Dust with fluorescent blue powder

Release

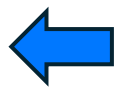
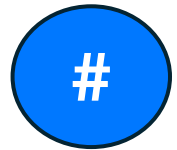
Recapture

- Trap within and adjacent to release sites
 - WB1 will be powdered
 - Local mosquitoes won't



10 : 1 ratio

Recaptured WB1 males

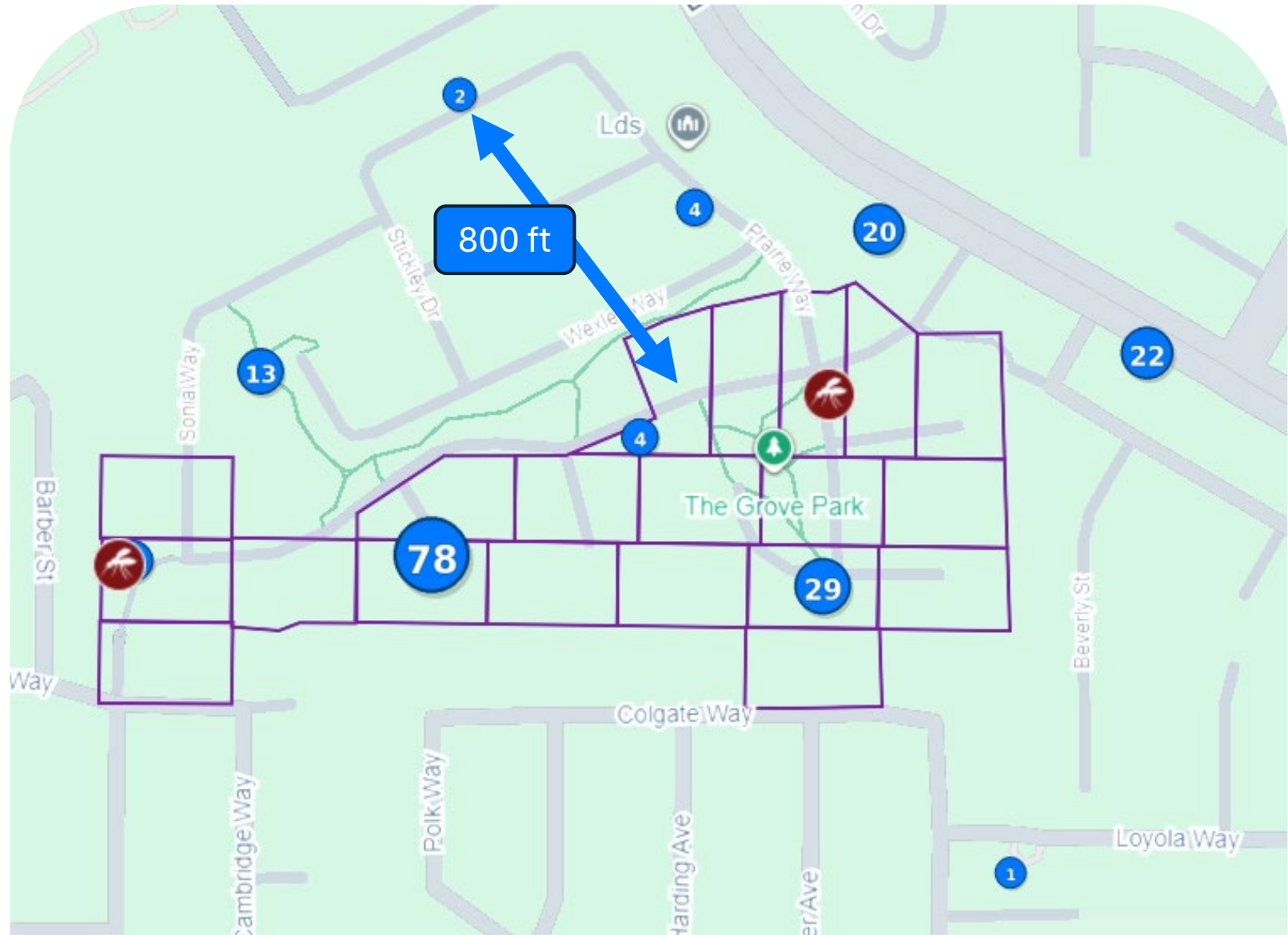


Location &
number of
recaptured
WB1 males



Female *Aedes
aegypti* from
2026

1 from each site



Human tropical disease case response

1. Alameda County Health Department reports tropical cases to us



ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
PUBLIC HEALTH DEPARTMENT

Division of Communicable Disease Control and Prevention
1100 San Leandro Blvd, 3rd Floor
San Leandro, CA 94577
Tel (510) 267-3250
Fax (510) 273-3744

Colleen Chawla, Agency Director
Kimi Watkins-Tartt, Department Director

Nicholas Moss, MD, MPH, Director & Health Officer
and Communicable Disease Controller

FAX COVER SHEET

☐ Urgent, please hand deliver ☒ Confidential ☐ Reply Requested

Date: 07/30/2024

To: pathogens@mosquitoes.org

Fax:

From: ACD

[Sender is exempt from requiring authorization per HIPAA [citation 164.512 (b)]]

Phone:

Number of pages (including cover sheet): 1

☒ Dengue Fever ☐ Encephalitis ☐ Malaria ☐ WNV ☐ Yellow Fever
☐ Chikungunya ☐ Zika

City:

Street:

Block:

Travel to a foreign country within incubation period? ☐ No ☒ Yes, where:

Public health interview conducted? ☐ No ☒ Yes

Any mosquito bite since return from travel? ☒ No ☐ Yes, city:

Authorization to speak to Mosquito Abatement District? ☐ No ☒ Yes (if yes fill below)

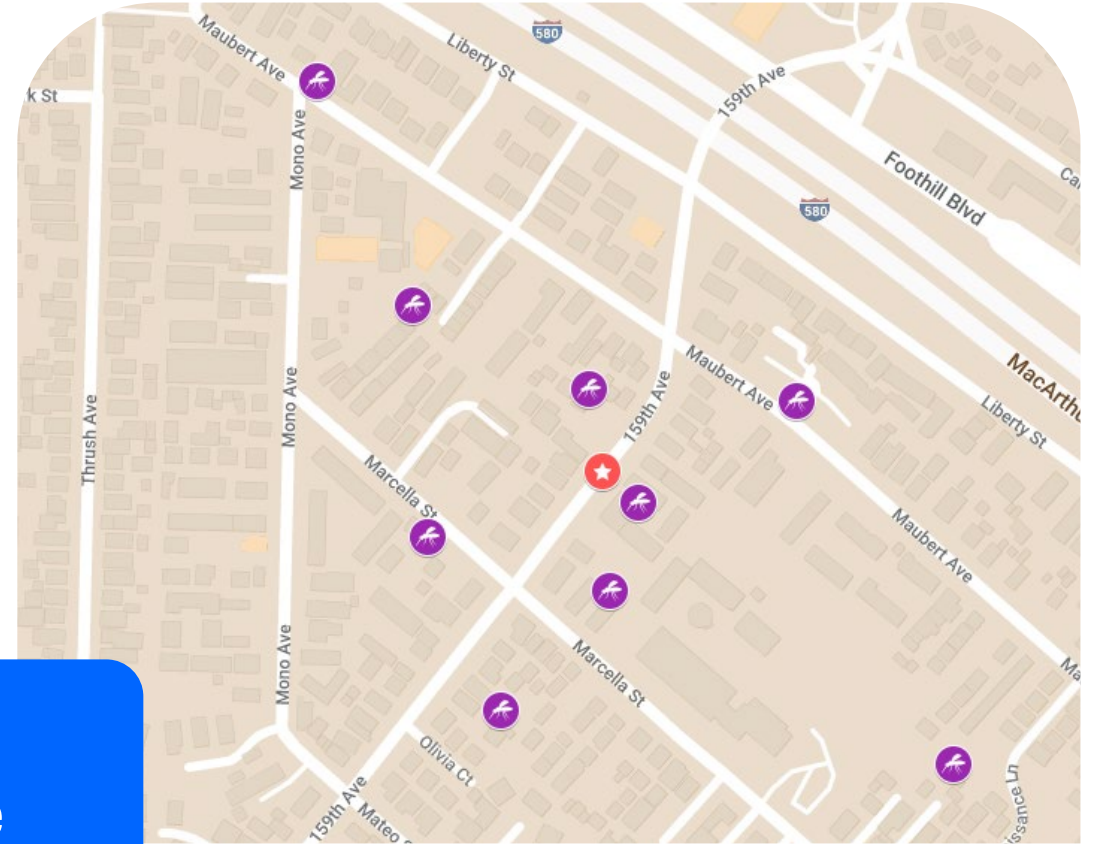
Index name: to be notified when you will be coming to the property

Contact phone:

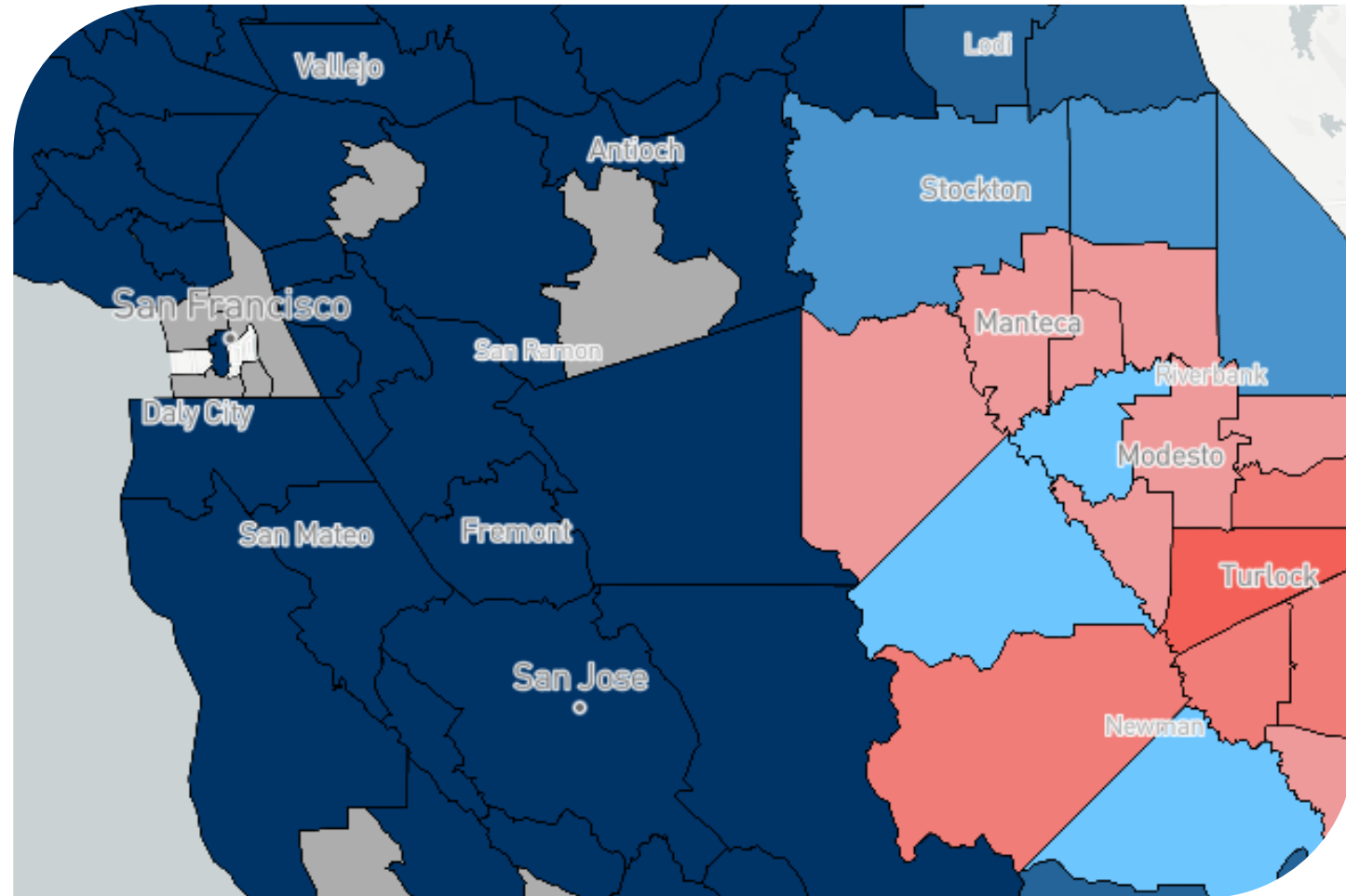
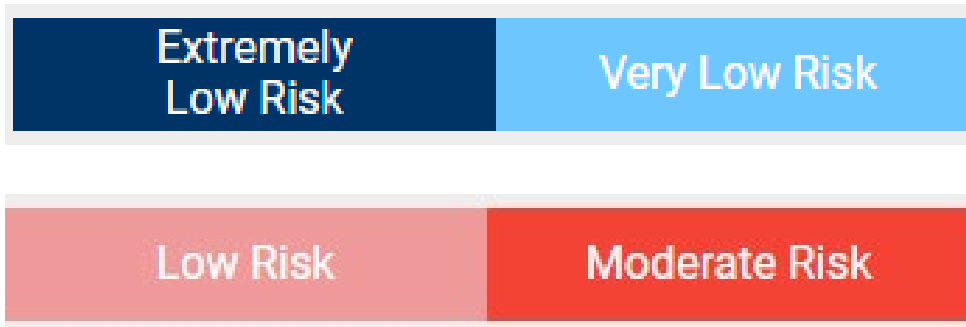
Human tropical disease case response

1. Alameda County Health Department reports tropical cases to us
2. ACMAD Lab evaluates risk for mosquito growth and pathogen transmission

Place 6 – 10 traps within mosquito flight distance



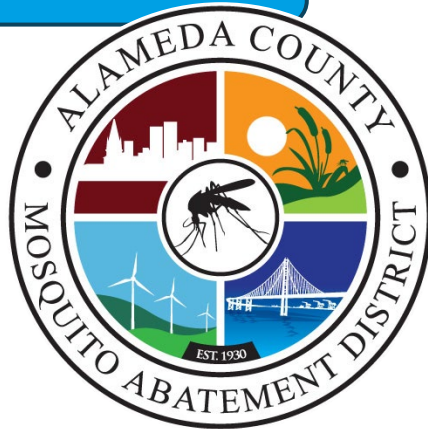
Estimated dengue risk is extremely low across the Bay Area



Eric Haas-Stapleton, PhD

Laboratory Director

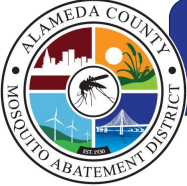
Eric@mosquitoes.org



End

Traps, Maps, and Mosquitoes

ACMAD's Evolving Response to *Aedes aegypti*



Eric Haas-Stapleton, PhD
Alameda County Mosquito Abatement District
Laboratory Director

ACMAD Board of Trustees
August 2026

1

Overview

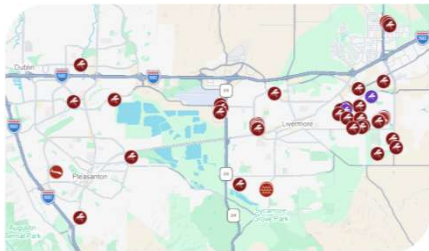
- *Aedes aegypti* surveillance update
 - Grid trapping & detections
- *Wolbachia* WB1 male *Aedes aegypti* release program
 - Release sites and performance monitoring
- Trapping response to human tropical disease cases
 - Collaborative engagement with Alameda County Health Department



Image by Getty

2

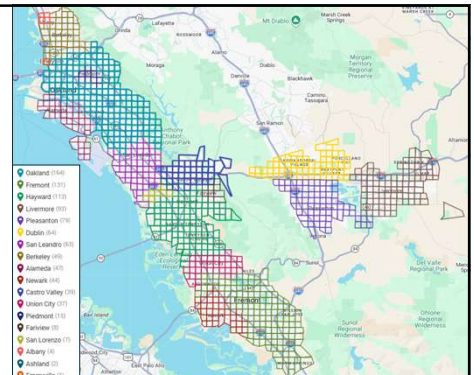
2025
East County
Aedes aegypti
grid trapping
outcome



3

2026 *Aedes aegypti* grid trapping program

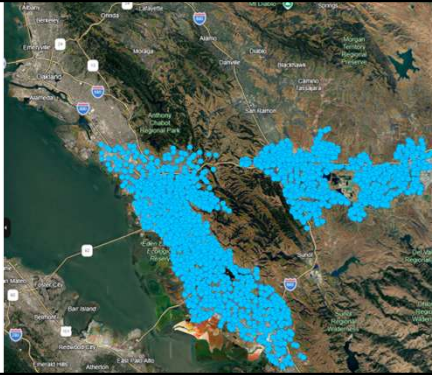
- 960 grids over inhabited areas of Alameda County
- Each grid is ~0.25 square miles
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4

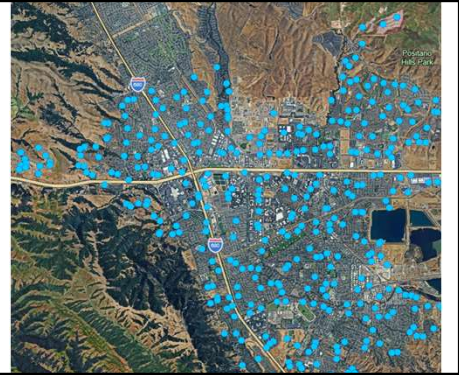
Habitats most suitable for *Aedes aegypti* trapped first

- East, Central and South county trapped early
- North county starting this month



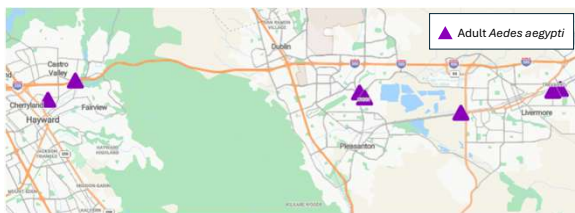
5

New trap site for each grid every month



6

2026 May - July



8 *Aedes aegypti* from 6 sites

7

Wolbachia WB1 male *Aedes aegypti* pesticide



Lizbeth Martinez
Community Liaison



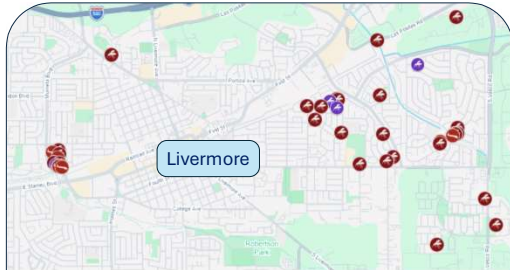
Erika Castillo
Regulatory & Public
Affairs Director



Eric Moyung
Associate Vector Scientist

8

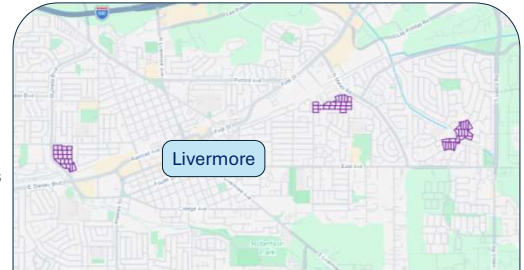
2025 – *Aedes aegypti* in East County



9

WB1 male release sites (2026)

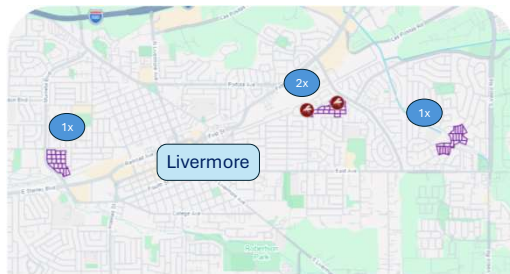
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11

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12

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10 : 1 ratio

13

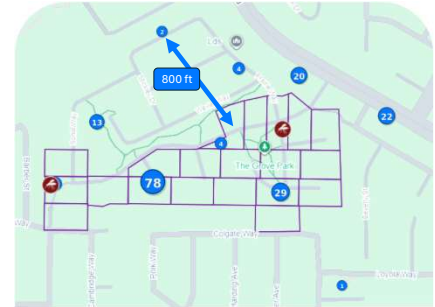
Recaptured WB1 males



Location & number of recaptured WB1 males



Female *Aedes aegypti* from 2026
1 from each site



14

Human tropical disease case response

- Alameda County Health Department reports tropical cases to us



FAX COVER SHEET

☐ Urgent, please hand deliver ☒ Confidential ☐ Reply Requested

Date: 8/18/2024

To: gphd@acphd.org Fax:

From: [redacted] Double & confirm for accuracy (print/typed name and title)

Phone: [redacted]

Number of pages (including cover sheet): 1

☒ Dengue Fever ☐ Chikungunya ☐ Zika ☐ Encephalitis ☐ Malaria ☐ WBV ☐ Yellow Fever

City: [redacted] State: [redacted]

Travel to a foreign country within incubation period? ☐ No ☒ Yes, where

Public health information requested? ☐ No ☒ Yes

Are mosquito bites since return from travel? ☐ No ☒ Yes, after

Authorizations for use in Alameda County District? ☐ No ☒ Yes (if yes, fill in)

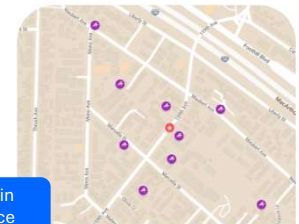
Index name: [redacted] to be notified when you will be coming to the property

Contact phone: [redacted]

15

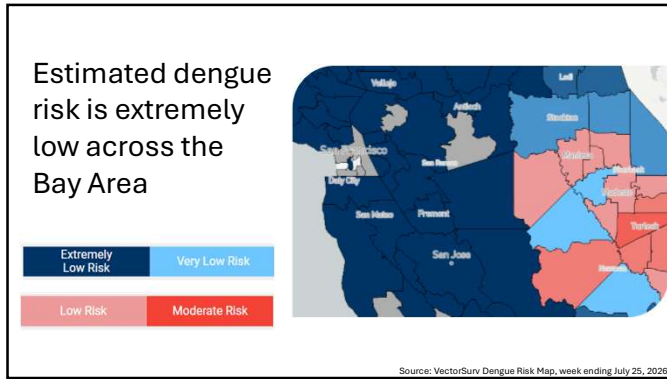
Human tropical disease case response

- Alameda County Health Department reports tropical cases to us
- ACMAD Lab evaluates risk for mosquito growth and pathogen transmission



Place 6 - 10 traps within mosquito flight distance

16

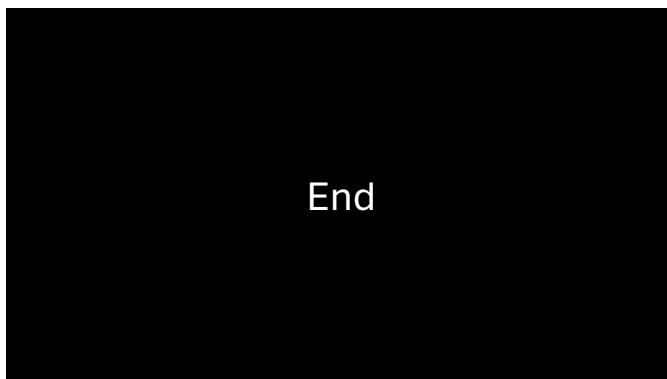


17

Eric Haas-Stapleton, PhD
Laboratory Director

Eric@mosquitoes.org

18



19

Alameda County Mosquito Abatement Dist.
Check Register
For the Period From Jul 1, 2026 to Jul 15, 2026

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Amount
5300	7/13/26	Advanced Lighting Services Inc	2,073.01
5301	7/13/26	Airgas	4,109.31
5302	7/13/26	Alameda County LAFCO	804.00
5303	7/13/26	Alco Sheet Metal and Heating, Inc.	175.00
5304	7/13/26	AT&T	101.98
5305	7/13/26	Cintas	2,093.00
5306	7/13/26	Columbia Bank	28,422.17
5307	7/13/26	Coverall North America, Inc.	650.00
5308	7/13/26	Delta Dental	5,337.80
5309	7/13/26	Industrial Park Landscape Maintenance	287.00
5310	7/13/26	Marin/Sonoma Mosquito & Vector	837.25
5311	7/13/26	MVCAC	11,965.00
5312	7/13/26	NBC Supply Corp	873.82
5313	7/13/26	Nearmap US, Inc	7,500.00
5314	7/13/26	Pacific AI Digital Media LLC	5,750.00
5315	7/13/26	PC Professional	104.00
5316	7/13/26	PFM Asset Management LLC	2,219.15
5317	7/13/26	PG&E	188.47
5318	7/13/26	Port of Oakland	1.00
5319	7/13/26	VCJPA	260,077.62
5320	7/13/26	Voya Institutional Trust Company	191.51
5321	7/13/26	VSP	612.46
ACH	7/13/26	Alameda County Mosquito Abatement Dist (Payroll)	130,543.35
ACH	7/13/26	Alameda County Mosquito Abatement Dist (Payroll float)	5,000.00
ACH	7/13/26	CalPERS	460,403.00
ACH	7/13/26	CalPERS Retirement	24,780.79
ACH	7/13/26	CalPERS 457	3,805.88
ACH	7/13/26	Enterprise	4,206.07
ACH	7/13/26	MosquitoMate, Inc	9,754.46
Total Expenditures - July 15, 2026			972,867.10

Alameda County Mosquito Abatement Dist.
Check Register
For the Period From Jul 16, 2026 to Jul 31, 2026

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Amount
5322	7/29/26	Adapco	35,741.24
5323	7/29/26	Advanced Lighting Services Inc	56,234.60
5324	7/29/26	Airgas	8,821.81
5325	7/29/26	Bay Alarm	1,106.67
5326	7/29/26	Bay Central Printing	312.87
5327	7/29/26	Cintas	1,290.66
5328	7/29/26	CivicPlus, LLC	4,422.60
5329	7/29/26	Delta Dental	5,337.80
5330	7/29/26	Industrial Park Landscape Maintenance	287.00
5331	7/29/26	NBC Supply Corp	199.35
5332	7/29/26	Nearmap US, Inc	10,000.00
5333	7/29/26	Quadient Finance USA, Inc	82.50
5334	7/29/26	The Hartford	122.20
5335	7/29/26	VCJPA	94,781.00
5336	7/29/26	Verizon	366.85
5337	7/29/26	Veseris	11,792.66
5338	7/29/26	Voya Institutional Trust Company	191.51
5339	7/29/26	VSP	612.46
ACH	7/29/26	Alameda County Mosquito Abatement Dist (Payroll)	128,201.64
ACH	7/29/26	CalPERS Health	54,466.41
ACH	7/29/26	CalPERS Retirement	24,351.79
ACH	7/29/26	CalPERS 457	4,236.91
ACH	7/29/26	WEX Bank	5,619.65
ACH	7/29/26	WEX Bank	448.75
Total Expenditures - July 31, 2026			449,028.93



BL ACCT [REDACTED]
ACMAD
Account Number: [REDACTED]
Page 1 of 6



Account Summary

Billing Cycle		06/30/2026
Days In Billing Cycle		30
Previous Balance		\$26,759.74
Purchases	+	\$28,715.36
Cash	+	\$0.00
Balance Transfers	+	\$0.00
Special	+	\$0.00
Credits	-	\$293.19-
Payments	-	\$26,759.74-
Other Charges	+	\$0.00
Finance Charges	+	\$0.00

NEW BALANCE **\$28,422.17**

Credit Summary

Total Credit Line	\$105,000.00
Available Credit Line	\$76,577.83
Available Cash	\$0.00
Amount Over Credit Line	\$0.00
Amount Past Due	\$0.00
Disputed Amount	\$0.00

Account Inquiries

Call us at: (866) 777-9013
Lost or Stolen Card: (866) 839-3485

Go to ColumbiaBank.com

Write us at PO BOX 35142 - LB1181, SEATTLE, WA 98124-5142

Payment Summary

NEW BALANCE	\$28,422.17
MINIMUM PAYMENT	\$28,422.17
PAYMENT DUE DATE	07/25/2026

NOTE: Grace period to avoid a finance charge on purchases, pay entire new balance by payment due date. Finance charge accrues on cash advances until paid and will be billed on your next statement.

Corporate Activity

TOTAL CORPORATE ACTIVITY				\$26,759.74-
Trans Date	Post Date	Reference Number	Transaction Description	Amount
06/15	06/15	0000000LBX2606158452015	PAYMENT - THANK YOU	\$26,759.74-

PLEASE DETACH COUPON AND RETURN PAYMENT USING THE ENCLOSED ENVELOPE - ALLOW UP TO 7 DAYS FOR RECEIPT

COLUMBIA BANK
PO BOX 35142 - LB1181
SEATTLE WA 98124-5142



Account Number

Check box to indicate
name/address change ☐
on back of this coupon

AMOUNT OF PAYMENT ENCLOSED

Closing Date	New Balance	Total Minimum Payment Due	Payment Due Date
06/30/26	\$28,422.17	\$28,422.17	07/25/26

\$



BL ACCT [REDACTED]
ACMAD
23187 CONNECTICUT ST
HAYWARD CA 94545

MAKE CHECK PAYABLE TO:



COLUMBIA BANK
PO BOX 35142 - LB1181
SEATTLE WA 98124-5142

Cardholder Account Summary						
ERIC HAAS-STAPLETON [REDACTED]			Payments & Other Credits \$0.00	Purchases & Other Charges \$4,191.11	Cash Advances \$0.00	Total Activity \$4,191.11
Cardholder Account Detail						
Trans Date	Post Date	Plan Name	Reference Number	Description	Amount	
06/03	06/04	PPLN01	24692166154404300829611	AMAZON MKTPL*8K4W57JL3 Amzn.com/bill WA	\$32.06	
06/03	06/04	PPLN01	24692166154404305503039	AMAZON MKTPL*HH2HI7YC3 Amzn.com/bill WA	\$42.84	
06/04	06/05	PPLN01	24692166155405220863746	AMAZON MKTPL*E84XM82H3 Amzn.com/bill WA	\$43.47	
06/07	06/08	PPLN01	24793386158000518016062	Adobe Inc San Jose CA	\$19.99	
06/08	06/09	PPLN01	24231686160780355142738	SMART AND FINAL 401 HAYWARD CA	\$12.16	
06/08	06/09	PPLN01	24000976159879000257557	THE UPS STORE 5831 510-3052958 CA	\$79.50	
06/08	06/09	PPLN01	24027626159067361925224	ELIMBIO 510-427-8896 CA	\$62.30	
06/10	06/11	PPLN01	24692166161401011050892	TFS*FISHERSCI ECOM CHU 800-766-7000 TX	\$61.27	
06/16	06/16	PPLN01	24036296167718937128690	LIFETECHCORP*16018685 800-955-6288 CA	\$2,391.48	
06/18	06/19	PPLN01	24692166169408603795067	AMAZON MKTPL*UW6MK6K23 Amzn.com/bill WA	\$192.92	
06/22	06/22	PPLN01	24000776173100011059080	SP US-KEENFOOTWEAR KEENFOOTWEAR. OR	\$238.12	
06/22	06/23	PPLN01	24692166173402904473197	IN *LEADING EDGE AERIAL T 386-5624922 IL	\$755.00	
06/24	06/24	PPLN01	24492166175100014093653	DAVIS INSTRUMENTS DAVISINSTRUME CA	\$240.00	
06/29	06/30	PPLN01	24011346180100139739407	ANTHROPIC* CLAUDE SUB ANTHROPIC.COM CA	\$20.00	

Cardholder Account Summary						
RYAN CLAUSNITZER [REDACTED]			Payments & Other Credits \$0.00	Purchases & Other Charges \$293.82	Cash Advances \$0.00	Total Activity \$293.82
Cardholder Account Detail						
Trans Date	Post Date	Plan Name	Reference Number	Description	Amount	
06/09	06/11	PPLN01	24137466161501131855299	TRADER JOE S #109 ALAMEDA CA	\$52.14	
06/12	06/14	PPLN01	24493986164226386031469	SF CHRONICLE SUBSCRIPT 800-310-2455 CA	\$35.96	
06/17	06/18	PPLN01	24493986169227743033797	EAST BAY TIMES HTTP://WWW.EA CA	\$26.00	
06/26	06/26	PPLN01	24011346177100003174553	LYFT *AIRPORT 06-25 LYFT.COM CA	\$32.34	
06/26	06/26	PPLN01	24011346177100046319793	LYFT *AIRPORT 06-25 LYFT.COM CA	\$25.09	
06/27	06/28	PPLN01	24011346178100153978026	LYFT *AIRPORT 06-27 LYFT.COM CA	\$34.78	
06/27	06/28	PPLN01	24055236179802794488583	VENTRA MOBILE 877-669-8368 IL	\$20.00	
06/27	06/28	PPLN01	24137466178501380800021	TST* CABO CANTINA - NEWPO NEWPORT BEACH CA	\$16.87	
06/27	06/29	PPLN01	24943006179457844197974	HYATT REG NEWPORT F&B NEWPORT BEACH CA	\$43.64	
06/28	06/30	PPLN01	24744556180001718512132	METRA 707-7733373 CA	\$7.00	

Cardholder Account Summary						
MICHELLE ROBLES [REDACTED]			Payments & Other Credits \$0.00	Purchases & Other Charges \$2,131.69	Cash Advances \$0.00	Total Activity \$2,131.69
Cardholder Account Detail						
Trans Date	Post Date	Plan Name	Reference Number	Description	Amount	
06/03	06/04	PPLN01	24231686154878082431107	CALPERS CVENT 916-795-3433 CA	\$549.00	
06/15	06/15	PPLN01	24692166166405575367027	CITY OF HAYWARD 510-583-4600 CA	\$65.44	
06/15	06/15	PPLN01	24692166166405575367704	CITY OF HAYWARD 510-583-4600 CA	\$702.78	
06/18	06/18	PPLN01	24692166169408333813289	AMAZON MKTPL*LN8SL99U3 Amzn.com/bill WA	\$16.60	
06/19	06/21	PPLN01	24431056170324832070279	WOLVERINE.COM 866-699-7369 MI	\$199.29	
06/21	06/22	PPLN01	24692166172402029605708	WM.COM 866-909-4458 TX	\$371.04	
06/26	06/26	PPLN01	24011346177100044129269	AMAZON RETA* FV68K0JY3 WWW.AMAZON.CO WA	\$12.20	

Cardholder Account Detail Continued

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
06/27	06/28	PPLN01	24431056178328119100404	HYTEST.COM 616-866-3781 MI	\$215.34

Cardholder Account Summary

ROBERT FERDAN [REDACTED]	Payments & Other Credits \$0.00	Purchases & Other Charges \$4,104.62	Cash Advances \$0.00	Total Activity \$4,104.62
------------------------------------	--	---	---------------------------------------	--

Cardholder Account Detail

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
06/05	06/07	PPLN01	24069276156100143790388	WWW.USMOBILE.COM 187-82050088 NY	\$575.00
06/10	06/11	PPLN01	24692166161400980328420	COMCAST / XFINITY 800-266-2278 CA	\$277.52
06/10	06/11	PPLN01	24793386161000815745061	GoTo GoToConnect Boston MA	\$339.16
06/11	06/12	PPLN01	24011346162100164883221	[REDACTED]	\$180.00
06/15	06/16	PPLN01	24430996166787788025329	KASEYA.COM 415-694-5700 NY	\$2,225.25
06/16	06/17	PPLN01	24755426168731689385062	PRINTER PLUS 510-6861099 CA	\$377.69
06/27	06/28	PPLN01	24204296178001335385078	STARLINK INTERNET 310-6829683 CA	\$130.00

Cardholder Account Summary

ERIKA CASTILLO [REDACTED]	Payments & Other Credits \$0.00	Purchases & Other Charges \$121.33	Cash Advances \$0.00	Total Activity \$121.33
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Cardholder Account Detail

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
06/11	06/11	PPLN01	24036296162718037687285	VISTAPRINT 866-207-4955 MA	\$92.94
06/29	06/29	PPLN01	24692166180409392144488	AMAZON MKTPL*IU62V4LE3 Amzn.com/bill WA	\$28.39

Cardholder Account Summary

MARK WIELAND [REDACTED]	Payments & Other Credits \$0.00	Purchases & Other Charges \$5,596.78	Cash Advances \$0.00	Total Activity \$5,596.78
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Cardholder Account Detail

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
06/03	06/04	PPLN01	24692166154404716278593	THE TIRE RACK 800-428-8355 IN	\$708.05
06/04	06/05	PPLN01	24431056156318960328689	O'REILLY 3484 HAYWARD CA	\$57.53
06/04	06/05	PPLN01	24755426155281554269343	INSTA LUBE HAYWARD CA	\$89.00
06/04	06/05	PPLN01	24323046155047400053770	GREG S AUTOMOTIVE SERVICE HAYWARD CA	\$224.29
06/04	06/05	PPLN01	24323046155047400053796	GREG S AUTOMOTIVE SERVICE HAYWARD CA	\$1,381.81
06/08	06/10	PPLN01	24251386160030044622902	LOS RAYOS TIRES INC HAYWARD CA	\$100.00
06/10	06/11	PPLN01	24431056162321399285761	O'REILLY 3484 HAYWARD CA	\$22.14
06/11	06/12	PPLN01	24755426162281624659417	INSTA LUBE HAYWARD CA	\$90.00
06/10	06/12	PPLN01	24251386162030048697429	LOS RAYOS TIRES INC HAYWARD CA	\$30.00
06/17	06/17	PPLN01	24492166168100016433286	STICKER MULE STICKERMULE.C NY	\$18.83
06/16	06/17	PPLN01	24755426167281674454573	INSTA LUBE HAYWARD CA	\$119.00
06/18	06/19	PPLN01	24055236169791396474210	WALMART.COM 800-925-6278 AR	\$55.24
06/23	06/24	PPLN01	24755426175731753899544	GRAINGER 800-4724643 IL	\$220.29
06/23	06/24	PPLN01	24055236175797881703700	POLARIS INC. https://www.f MN	\$1,726.69
06/23	06/24	PPLN01	24493986175229416057501	FIRST STREET TOW PLEASANTON CA	\$192.50
06/24	06/25	PPLN01	24755426176731764831428	GRAINGER 800-4724643 IL	\$83.66
06/24	06/25	PPLN01	24011346175100106143408	AMAZON RETA* OT9KC3E93 WWW.AMAZON.CO WA	\$112.92
06/25	06/26	PPLN01	24755426177731776218464	GRAINGER 800-4724643 IL	\$53.94
06/26	06/26	PPLN01	24011346177100044078250	AMAZON RETA* 9N2RH25C3 WWW.AMAZON.CO WA	\$16.56
06/24	06/26	PPLN01	24251386176030048482156	LOS RAYOS TIRES INC HAYWARD CA	\$95.01
06/27	06/28	PPLN01	24692166178407937111727	AMAZON MKTPL*5X3EO8QI3 Amzn.com/bill WA	\$199.32

Cardholder Account Summary						
MIGUEL BARRETTO [REDACTED]			Payments & Other Credits \$0.00	Purchases & Other Charges \$9,296.25	Cash Advances \$0.00	Total Activity \$9,296.25
Cardholder Account Detail						
Trans Date	Post Date	Plan Name	Reference Number	Description	Amount	
06/01	06/01	PPLN01	24692166152401816369803	AMAZON MKTPL*SD9MJ2SS3 Amzn.com/bill WA	\$10.51	
06/09	06/10	PPLN01	24692166160400089079115	TFS*FISHERSCI ECOM CHU 800-766-7000 TX	\$525.68	
06/10	06/11	PPLN01	24692166161401451341835	AMAZON MKTPL*XS10L5463 Amzn.com/bill WA	\$840.00	
06/11	06/12	PPLN01	24164076162741665442633	FEDEX525177134 800-4633339 TN	\$97.85	
06/12	06/12	PPLN01	24036296163718235877356	LIFETECHCORP*16004184 800-955-6288 CA	\$6,022.53	
06/11	06/12	PPLN01	24692166162401900104049	AMAZON MKTPL*5R6ZP8WT3 Amzn.com/bill WA	\$662.58	
06/12	06/14	PPLN01	24692166163402813977959	AMAZON MKTPL*MH28V5X93 Amzn.com/bill WA	\$49.90	
06/17	06/18	PPLN01	24755426169731695306234	GRAINGER 800-4724643 IL	\$174.44	
06/18	06/18	PPLN01	24692166169408326302548	AMAZON MKTPL*4N6H77UX3 Amzn.com/bill WA	\$431.70	
06/17	06/19	PPLN01	24943016169010206579031	THE HOME DEPOT #1017 800-466-3337 CA	\$213.08	
06/21	06/21	PPLN01	24692166172401356281364	AMAZON MKTPL*X61TI6773 Amzn.com/bill WA	\$28.78	
06/21	06/22	PPLN01	24692166172401388184974	AMAZON MKTPL*3F5Q83ZQ3 Amzn.com/bill WA	\$15.49	
06/21	06/22	PPLN01	24692166172401764521799	AMAZON MKTPL*7X7UT5XX3 Amzn.com/bill WA	\$19.37	
06/23	06/24	PPLN01	24055236174797301548660	WALMART.COM 800-925-6278 AR	\$24.14	
06/24	06/25	PPLN01	24399006175295003047249	BEST BUY 00001446 UNION CITY CA	\$12.14	
06/25	06/26	PPLN01	24692166176405191862169	AMAZON MKTPL*R60KX6LI3 Amzn.com/bill WA	\$13.17	
06/25	06/26	PPLN01	24000976176968700604496	THE UPS STORE 5831 510-3052958 CA	\$63.89	
06/29	06/30	PPLN01	24692166180409933064898	INTEGRATED DNA TECH 800-328-2661 IA	\$91.00	

Cardholder Account Summary						
JUDITH PIERCE [REDACTED]			Payments & Other Credits \$293.19-	Purchases & Other Charges \$2,979.76	Cash Advances \$0.00	Total Activity \$2,686.57
Cardholder Account Detail						
Trans Date	Post Date	Plan Name	Reference Number	Description	Amount	
06/02	06/03	PPLN01	24036296153716535664088	VISTAPRINT 866-207-4955 MA	\$1,907.17	
06/04	06/05	PPLN01	24755426156731560040517	BENZON RESEARCH INC 717-2581183 PA	\$135.00	
06/08	06/09	PPLN01	24906416159259623318288	FS *socialbeelabssr 877-3278914 CA	\$588.00	
06/09	06/10		74906416160259674687674	CREDIT VOUCHER	\$293.19-	
				FS *socialbeelabssr 877-3278914 CA		
06/12	06/14	PPLN01	24692166163402837608861	AMAZON MKTPL*489UY65C3 Amzn.com/bill WA	\$57.30	
06/12	06/14	PPLN01	24692166163402840005683	Amazon.com*DL49J1ZY3 Amzn.com/bill WA	\$16.58	
06/12	06/14	PPLN01	24692166163402844472491	AMAZON MKTPL*OI6A45823 Amzn.com/bill WA	\$87.54	
06/15	06/17	PPLN01	24943016167010204720712	THE HOME DEPOT #1017 HAYWARD CA	\$72.84	
06/26	06/26	PPLN01	24692166177406032264416	AMAZON MKTPL*J29SX8OQ3 Amzn.com/bill WA	\$17.71	
06/29	06/30	PPLN01	24692166180409454865806	AMAZON MKTPL*XU4FJ1313 Amzn.com/bill WA	\$97.62	

Alameda County Mosquito Abatement District

Income Statement

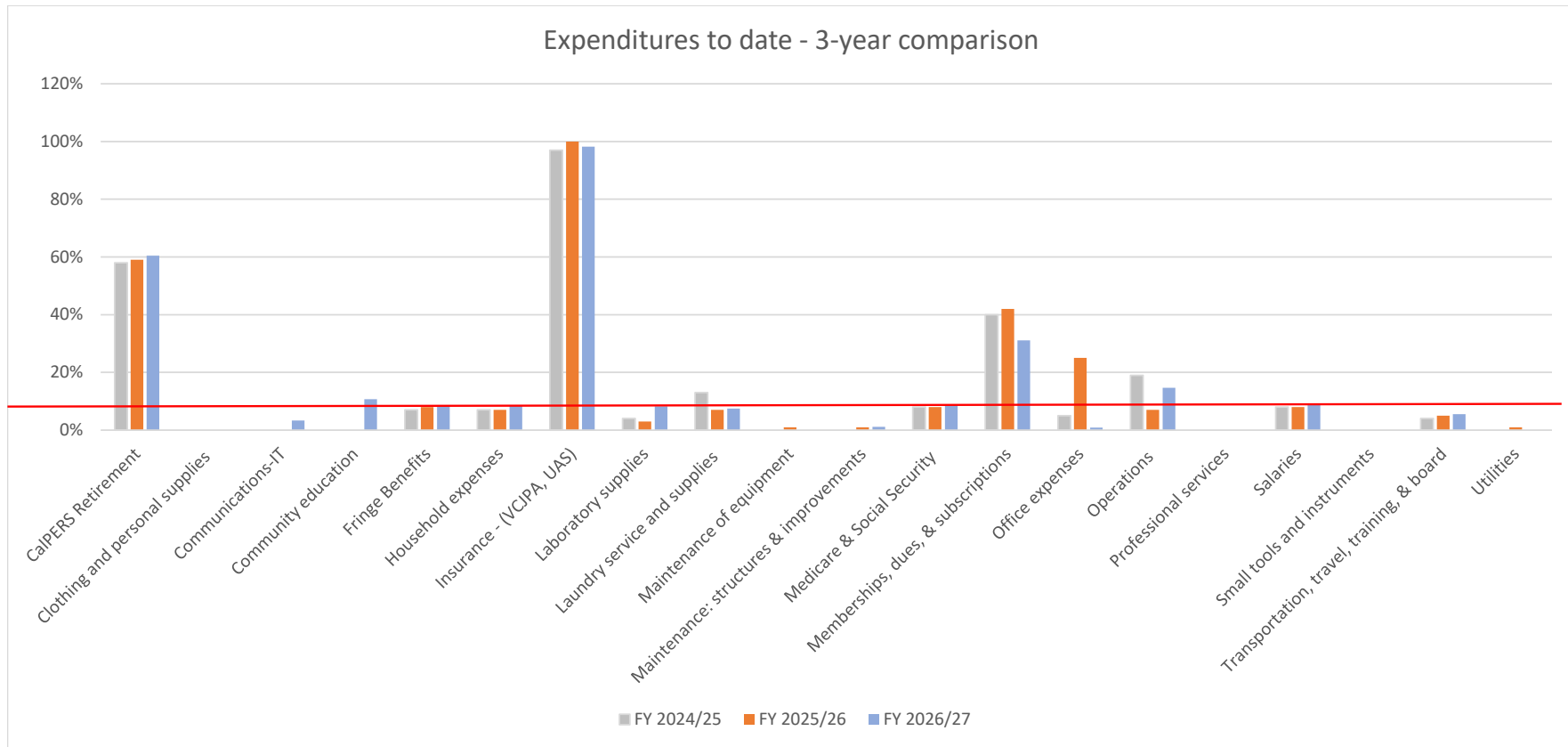
July 31, 2026. (1 of 12 mth, 8%)

REVENUES	Actual 2024/25	Actual 2025/26	Current Month	Year to Date 2026/27	Budget 2026/27	Actual vs Budget
Total Revenue	\$ 6,072,648.71	\$ 6,310,731.32	\$ 133,751.12	\$ 133,751.12	\$ 6,203,929.00	2%

EXPENDITURES	Actual 2024/25	Actual 2025/26 ¹	Current Month ²	Year to Date 2026/27	Budget 2026/27	Actual vs Budget
Salaries	\$ 2,772,651.71	\$ 3,065,605.42	\$ 287,899.59	\$ 287,899.59	\$3,284,676	9%
CalPERS Retirement	\$ 642,174.44	\$ 735,784.72	\$ 489,259.58	\$ 489,259.58	\$809,709	60%
Medicare & Social Security	\$ 41,023.63	\$ 43,736.73	\$ 4,547.21	\$ 4,547.21	\$52,929	9%
Fringe Benefits	\$ 647,038.97	\$ 722,438.11	\$ 65,876.67	\$ 65,876.67	\$785,997	8%
Total Salaries, Retirement, & Benefits	\$ 4,102,888.75	\$ 4,567,564.98	\$ 847,583.05	\$ 847,583.05	\$4,933,311	17%
Clothing and personal supplies (purchased)	\$ 5,265.29	\$ 5,472.84	\$ -	\$ -	\$9,000	0%
Laundry service and supplies (rented)	\$ 15,480.21	\$ 14,279.12	\$ 1,454.33	\$ 1,454.33	\$19,360	8%
Utilities	\$ 24,086.45	\$ 33,596.37	\$ -	\$ -	\$33,700	0%
Communications-IT	\$ 96,177.28	\$ 82,352.31	\$ 4,789.45	\$ 4,789.45	\$141,988	3%
Maintenance: structures & improvements	\$ 20,386.45	\$ 21,257.24	\$ 287.00	\$ 287.00	\$24,500	1%
Maintenance of equipment	\$ 28,919.62	\$ 30,747.24	\$ -	\$ -	\$30,000	0%
Transportation, travel, training, & board	\$ 123,545.44	\$ 123,580.77	\$ 6,068.40	\$ 6,068.40	\$109,430	6%
Professional services	\$ 108,488.78	\$ 104,306.05	\$ -	\$ -	\$109,910	0%
Memberships, dues, & subscriptions	\$ 38,951.94	\$ 40,626.00	\$ 12,769.00	\$ 12,769.00	\$41,000	31%
Insurance - (VCJPA, UAS)	\$ 196,831.00	\$ 230,409.00	\$ 260,077.62	\$ 260,077.62	\$264,693	98%
Community education	\$ 57,197.03	\$ 49,903.83	\$ 6,062.87	\$ 6,062.87	\$56,500	11%
Operations	\$ 297,510.58	\$ 332,768.63	\$ 57,488.71	\$ 57,488.71	\$392,500	15%
Household expenses	\$ 21,734.78	\$ 23,754.90	\$ 1,959.47	\$ 1,959.47	\$23,200	8%
Office expenses	\$ 13,509.73	\$ 4,261.46	\$ 82.50	\$ 82.50	\$9,500	1%
Laboratory supplies	\$ 135,143.14	\$ 140,028.40	\$ 11,247.95	\$ 11,247.95	\$135,800	8%
Small tools and instruments	\$ 1,365.22	\$ 1,626.50	\$ -	\$ -	\$2,000	0%
Total Staff Budget	\$ 1,184,592.94	\$ 1,238,970.66	\$ 362,287.30	\$ 362,287.30	\$1,403,081	26%
Total Operating Expenditures	\$ 5,287,481.69	\$ 5,806,535.64	\$ 1,209,870.35	\$ 1,209,870.35	\$6,336,392	19%

1 - As of June 30, 2026. Unaudited.

2 - Total Operating Expenditures in current month may not match the check register due to accounts receivable, petty cash transactions, and transactions related to the previous fiscal year.



The red line indicates the estimated percentage of the budget that should be expended at this point in the fiscal year (8%).
 CalPERS Retirement, Insurance, and Memberships, dues & subscriptions are paid upfront at the beginning of the fiscal year.

**Alameda County Mosquito Abatement District
Investment, Reserves, and Cash Balance Report
July 31, 2026 (1 of 12 mth, 8%)**

Account #	Investment Accounts	Beginning Balance	Deposits	Withdrawals	Earnings ¹	Ending Balance
1004	LAIF	\$ 120,686.76	\$ -	\$ -	\$ 1,178.11	\$ 121,864.87
1005	OPEB	\$ 5,829,479.55	\$ -	\$ -	\$ (60,376.69)	\$ 5,769,102.86
1006	VCJPA Member Contingency ²	\$ 380,632.00	\$ -	\$ -	\$ 1,699.00	\$ 382,331.00
1012	PARS: Pension Stabilization ³	\$ 3,442,918.68	\$ -	\$ -	\$ 184.73	\$ 3,443,103.41
1014	California CLASS: Operational Fund ⁴	\$ 4,832,395.85	\$ -	\$ (1,300,994.35)	\$ 13,254.04	\$ 3,544,655.54
1015	California CLASS: Repair and Replace Fund ^{4 5}	\$ 3,940,582.06	\$ 94,781.00	\$ (4,206.07)	\$ 12,604.73	\$ 4,043,761.72
1017	California CLASS Enhanced: Public Health Emergency Fund ⁵	\$ 519,717.18	\$ -	\$ (19,717.00)	\$ 1,655.40	\$ 501,655.58
1018	California CLASS Enhanced: District Contingency Fund	\$ 2,133,394.37	\$ -	\$ -	\$ 6,897.23	\$ 2,140,291.60
1019	CAMP: New Asset & Large Project Fund ⁶	\$ 110,910.35	\$ -	\$ (58,307.60)	\$ 340.65	\$ 52,943.40
Total		\$ 21,310,716.80	\$ 94,781.00	\$ (1,383,225.02)	\$ (22,562.80)	\$ 19,999,709.98

	Cash Accounts	Beginning Balance	Withdrawals	Activity	Ending Balance
1003	County Account	\$ 369,029.45	\$ -	\$ -	\$ 369,029.45
1020	Five Star Bank (Transfer Account) * ^{4 5 6}	\$ 307,151.26	-	-	\$ 700,077.29
1021	Five Star Bank (Payroll Account) *	\$ 134,678.70	-	-	\$ 6,703.03
1022	Petty Cash	\$ 498.93	\$ -	\$ (34.32)	\$ 464.61
Total		\$ 811,358.34			\$ 1,076,274.38

1 - Earnings are booked as unrealized gains/losses. These earnings would not be recognized as "realized" gains/losses until the accounts are liquidated.

2 - VCJPA Member Contingency balance is as of June 30, 2026.

3 - PARS - Pension Stabilization balance is as of June 30, 2026.

4 - \$1,131,149.35 transferred from the CA CLASS: Operational Fund to Five Star Bank for July expenditures.

4 - Annual transfers - \$94,781.00 transferred for deposit to VCJPA; deposit will be reflected in VCJPA's next quarterly statement. \$75,064.00 transferred to the Repair and Replace Fund.

5 - \$4,206.07 transferred from the CA CLASS: Repair and Replace Fund to Five Star Bank for capital asset purchases.

5 - Annual transfers - \$94,781.00 deposited into the CA CLASS: Repair and Replace Fund, including \$75,064.00 from the Operational Fund and \$19,717.00 from the Public Health Emergency Fund.

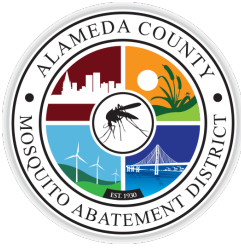
6 - \$58,307.60 transferred from the CAMP: New Asset & Large Project Fund to Five Star Bank for the facility LED project.

* - Ending balance differs from beginning balance due to checks clearing the account.

Alameda County Mosquito Abatement District
Balance Sheet Comparison
July

ASSETS	7/31/2026	7/31/2025	7/31/2024
Current Assets			
County	369,029.45	386,798.79	390,969.23
Cash with LAIF	121,864.87	116,987.12	111,816.09
VCJPA- Member Contingency	382,331.00	341,573.00	324,583.00
CAMP - Capital Reserve Fund ¹	-	186,751.35	356.21
PARS	3,443,103.41	3,171,926.32	2,661,202.37
California CLASS: Operational Fund	3,544,655.88	3,148,042.95	3,477,928.75
California CLASS: Repair and Replace Fund	4,043,761.72	3,873,988.53	3,336,339.93
California CLASS Enhanced: Public Health Emergency Fund	501,655.58	501,895.80	553,092.41
California CLASS Enhanced: District Contingency Fund	2,140,291.60	2,060,239.12	2,143,240.75
CAMP: New Project & New Assets Fund ¹	52,943.39	-	-
Five Star Bank - Transfer account	243,548.36	232,423.06	202,175.50
Five Star Bank - Payroll account	134,905.42	129,570.92	138,993.58
Petty cash	464.61	276.91	438.59
Total Current Assets	14,978,555.29	14,150,473.87	13,341,136.41
Property and Equipment			
Acc Dep - equipment	(1,813,681.00)	(1,813,681.00)	(1,850,929.00)
Acc Dep - stru & improv	(3,066,026.00)	(3,066,026.00)	(2,952,544.00)
Construction in progress	-	-	-
Equipment	2,432,278.65	2,260,920.07	1,907,287.37
Structure/improvement	5,561,302.53	5,486,746.00	5,460,618.00
Land	61,406.00	61,406.00	61,406.00
Total Property and Equipment	3,175,280.18	2,929,365.07	2,625,838.37
Other Assets			
Net OPEB Asset	1,834,317.00	1,834,317.00	1,696,641.00
Total Other Assets	1,834,317.00	1,834,317.00	1,696,641.00
Total Assets	\$ 19,988,152.47	\$ 18,914,155.94	\$ 17,663,615.78
LIABILITIES AND CAPITAL			
Current Liabilities			
Accounts payable	\$ 199,671.26	\$ 268,217.34	\$ 278,252.60
Acc payroll/vacation	270,305.53	270,305.53	237,815.12
Def inflow - 75	446,445.00	446,445.00	456,612.00
Def inflow pen defer GASB 68	56,801.00	56,801.00	143,333.00
Defer outflow pen cont GASB 68	(1,487,647.00)	(1,487,647.00)	(1,873,501.00)
Net pension liability GASB 68	4,693,033.00	4,693,033.00	4,694,889.00
Total Current Liabilities	\$ 4,178,608.79	\$ 4,247,154.87	\$ 3,937,400.72
Total Liabilities	4,178,608.79	4,247,154.87	3,937,400.72
Capital			
Designated fund balances	4,011,139.17	4,011,139.17	4,134,634.17
Investment in general fixed as	12,923,844.76	11,715,842.44	10,488,439.90
Net Income	(1,125,440.25)	(1,059,980.54)	(896,859.01)
Total Capital	15,809,543.68	14,667,001.07	13,726,215.06
Total Liabilities & Capital	\$ 19,988,152.47	\$ 18,914,155.94	\$ 17,663,615.78

1 - The Board approved renaming the CAMP: Capital Reserve Fund to the CAMP: New Asset & Large Project Fund. CAMP cannot change existing fund names due to audit and compliance requirements, so a new account was created, the funds were transferred, and the original Capital Reserve Fund was closed.



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Staff Anniversary Recognitions:

Background:

ACMAD is pleased to recognize and thank the following employee on their anniversary in August.

Employee	Job Title	Years of Service	Anniversary Date
Miguel Barretto	Vector Scientist	8	August 1 st

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 31, 2026



WEEKLY UPDATE

Humans

A total of 6 new human cases of WNV were reported this week from 4 counties: Butte (2), Kings (1), Santa Clara (1), and Tulare (2). **These are the first human cases of WNV disease reported from Butte and Santa Clara counties this year.** In 2026, 11 human cases of WNV disease have been reported from 7 counties: Butte, Kings, Los Angeles, Sacramento, San Diego, Santa Clara, and Tulare. Of the 11 case patients, 8 (73%) had neuroinvasive disease. The median age of case patients was 53 years and 5 (45%) of the case patients were male. The dates of symptom onset ranged from June 8 to July 22. In addition to the 11 cases of WNV disease, 5 asymptomatic WNV infections have been reported from 4 counties: Fresno (1), Los Angeles (1), Madera (1), and San Diego (2). At this time last year, 6 human cases of WNV disease had been reported from 3 counties.

Dead Birds

A total of 37 new WNV positive dead birds were reported this week from 10 counties: Alameda (3), Los Angeles (13), Sacramento (5), San Bernardino (1), San Diego (4), San Mateo (2), Santa Clara (5), Solano (1), Yolo (2), and Yuba (1). In 2026, 288 WNV positive dead birds have been reported from 20 counties. At this time last year, 58 WNV positive dead birds had been reported from 9 counties.

Mosquito Pools

West Nile virus

A total of 464 new WNV positive mosquito pools were reported from 21 counties: Butte (8), Fresno (11), Glenn (1), Kern (23), Kings (26), Lake (1), Los Angeles (55), Madera (73), Orange (131), Placer (22), Riverside (5), Sacramento (12), San Bernardino (21), San Diego (2), San Joaquin (12), Santa Clara (2), Shasta (1), Stanislaus (11), Sutter (5), Tulare (25) and Yolo (17). **This is the first detection of WNV activity in Glenn County this year. These are the first WNV positive mosquito pools from Santa Clara County this year.** In 2026, 1,464 WNV positive mosquito pools have been reported from 27 counties. At this time last year, 815 WNV positive mosquito pools had been reported from 19 counties.

St. Louis encephalitis virus

There were no St. Louis encephalitis virus (SLEV) positive mosquito pools reported this week. In 2026, 2 SLEV positive mosquito pools have been reported from 2 counties: Imperial (1) and Riverside (1). At this time last year, 6 SLEV positive mosquito pool had been reported from 3 counties.

Sentinel Chickens

A total of 10 WNV positive chickens were reported this week from 5 counties: Butte (4), Los Angeles (2), Sutter (2), Tulare (1), and Yuba (1). These are the first WNV positive chickens reported from Butte, Sutter, Tulare, and Yuba counties this year. In 2026, 12 WNV positive sentinel chickens have been reported from 5 counties. At this time last year, no positive chickens had been reported.

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 31, 2026

2025 & 2026 YTD West Nile Virus Comparisons		
	2025	2026
Total No. Dead Bird Reports	5,195	5,762
No. Positive Counties	25	31
No. Human Cases	6	11
No. Positive Dead Birds / No. Tested	58 / 998	288 / 1,256
No. Positive Mosquito Pools / No. Tested	815 / 24,439	1,464 / 31,943
No. Seroconversions / No. Tested	0 / 1,766	12 / 2,213

YTD WNV Activity by Element and County, 2026					
County	Humans*	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Alameda			30	4	
Butte	2			15	4
Contra Costa			3	1	
Fresno			3	66	
Glenn				1	
Imperial				5	
Kern				54	
Kings	2	1		62	
Lake				2	
Los Angeles	1		44	158	4
Madera			2	314	
Merced				14	
Napa			1		
Orange			2	295	
Placer			3	45	
Riverside			1	23	
Sacramento	1		80	66	
San Bernardino			5	57	
San Diego	1		23	5	
San Joaquin		1	3	51	
San Luis Obispo		1			
San Mateo			7		
Santa Clara	1		67	2	
Shasta				3	
Solano			2		
Stanislaus				37	
Sutter			1	13	2
Tulare	3			124	1
Ventura			3	1	
Yolo			6	33	
Yuba			2	2	1
Totals	11	3	288	1,464	12

*Asymptomatic infections are not included

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TESTING SUMMARIES

		WNV	SLEV	WEEV
Human Cases	Week	6	0	0
	YTD	11	0	0

Positive / Total Tested					
WNV	SLEV	WEEV	CHIK	DENV	ZIKA

Dead Birds	Week	37 / 105
	YTD	288 / 1,256

Chicken Sera	Week	10 / 328	0 / 328	0 / 328
	YTD	12 / 2,213	0 / 2,213	0 / 2,213

Mosquito Pools	Week	331 / 2,447	0 / 1,738	0 / 1,701	0 / 92	0 / 92	0 / 92
	YTD	1,464 / 31,943	2 / 27,855	0 / 27,819	0 / 635	0 / 635	0 / 635

POSITIVES

Dead Birds

County	Submitting Agency	City	Zip Code	Species	Date Reported	Virus
Alameda	Alameda Co MAD	Fremont	94539	American Crow	7/24/2026	WNV
Alameda	Alameda Co MAD	Newark	94560	American Crow	7/27/2026	WNV
Alameda	Alameda Co MAD	Pleasanton	94588	American Crow	7/27/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Long Beach	90815	American Crow	7/16/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Cerritos	90703	Unknown - Crow or Raven	7/16/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Long Beach	90808	American Crow	7/18/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Lakewood	90713	American Crow	7/20/2026	WNV
Los Angeles	Los Angeles Co West VCD	Los Angeles	90066	American Crow	7/21/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Cerritos	90703	American Crow	7/22/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Lakewood	90713	American Crow	7/22/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Cerritos	90703	American Crow	7/22/2026	WNV
Los Angeles	Greater Los Angeles Co VCD - SFS	Lakewood	90713	American Crow	7/23/2026	WNV
Los Angeles	Los Angeles Co West VCD	Los Angeles	90019	American Crow	7/24/2026	WNV
Los Angeles	Los Angeles Co West VCD	Los Angeles	90066	American Crow	7/26/2026	WNV
Los Angeles	Los Angeles Co West VCD	Torrance	90504	American Crow	7/27/2026	WNV
Los Angeles	Los Angeles Co West VCD	Culver City	90232	Unknown	7/28/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	Northern Mockingbird	7/23/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Fair Oaks	95628	Red-shouldered Hawk	7/26/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Rancho Cordova	95670	American Crow	7/27/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	American Crow	7/28/2026	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	California Scrub-Jay	7/29/2026	WNV
San Bernardino	San Bernardino Vector Control Program	Highland	92346	American Crow	7/20/2026	WNV
San Diego	San Diego Co VCP	San Diego	92114	American Crow	7/21/2026	WNV
San Diego	San Diego Co VCP	San Diego	92114	American Crow	7/21/2026	WNV
San Diego	San Diego Co VCP	san diego	92101	Great Horned Owl	7/28/2026	WNV
San Diego	San Diego Co VCP	San Diego	92120	American Crow	7/29/2026	WNV
San Mateo	San Mateo Co MVCD	Menlo Park	94025	American Crow	7/23/2026	WNV

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San Mateo	San Mateo Co MVCD	Menlo Park	94025	American Crow	7/29/2026	WNV
Santa Clara	Santa Clara Co VCD	Los Altos	94022	American Crow	7/26/2026	WNV
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	7/27/2026	WNV
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	7/27/2026	WNV
Santa Clara	Santa Clara Co VCD	San Jose	95118	American Crow	7/27/2026	WNV
Santa Clara	Santa Clara Co VCD	Santa Clara	95051	American Crow	7/28/2026	WNV
Solano	Solano Co MAD	Fairfield	94533	American Crow	7/27/2026	WNV
Yolo	Sacramento-Yolo MVCD	Woodland	95776	American Crow	7/23/2026	WNV
Yolo	Sacramento-Yolo MVCD	Woodland	95695	American Kestrel	7/23/2026	WNV
Yuba	Sutter-Yuba MVCD	Plumas Lake	95961	California Scrub-Jay	7/28/2026	WNV

Mosquito Pools

County	Site	Pool No	Species	City	Pool Size	Trap	Collected	Virus
Butte	BUCO 118	299	Cx tarsalis	Chico	39	CO2	07/22/2026	WNV
Butte	BUCO 123	292	Cx tarsalis	Oroville	50	CO2	07/22/2026	WNV
Butte	BUCO 123	293	Cx tarsalis	Oroville	50	CO2	07/22/2026	WNV
Butte	BUCO 34	272	Cx tarsalis	Richvale	50	CO2	07/21/2026	WNV
Butte	BUCO 37	284	Cx tarsalis	Honcut	50	CO2	07/21/2026	WNV
Butte	BUCO 37	285	Cx tarsalis	Honcut	50	CO2	07/21/2026	WNV
Butte	BUCO 55	270	Cx tarsalis	Palermo	50	CO2	07/20/2026	WNV
Butte	BUCO 84	263	Cx tarsalis	Nelson	50	CO2	07/21/2026	WNV
Fresno	CNSL 1171	232	Cx quinquefasciatus	Fresno	50	GRVD	07/23/2026	WNV
Fresno	CNSL 1466	198	Cx quinquefasciatus	Fresno	50	GRVD	07/21/2026	WNV
Fresno	CNSL 4202	189	Cx quinquefasciatus	Selma	50	GRVD	07/22/2026	WNV
Fresno	CNSL 4406	229	Cx quinquefasciatus	Fowler	50	GRVD	07/23/2026	WNV
Fresno	CNSL 9034	231	Cx quinquefasciatus	Clovis	38	GRVD	07/23/2026	WNV
Fresno	FRWS 1202	105	Cx tarsalis	Dos Palos	50	CO2	07/28/2026	WNV
Fresno	FRWS 1202	106	Cx tarsalis	Dos Palos	50	CO2	07/28/2026	WNV
Fresno	FRWS 300031	104	Cx tarsalis	Firebaugh	25	CO2	07/28/2026	WNV
Fresno	FRWS 400017	112	Cx tarsalis	Mendota	50	CO2	07/28/2026	WNV
Fresno	FRWS 4102	113	Cx tarsalis	Kerman	36	CO2	07/28/2026	WNV
Fresno	FRWS 5101	110	Cx tarsalis	Mendota	32	CO2	07/28/2026	WNV
Glenn	BUCO 110	279	Cx tarsalis	Hamilton City	50	CO2	07/20/2026	WNV
Kern	DLNO 0	166	Cx quinquefasciatus	Delano	50	CO2	07/23/2026	WNV
Kern	DLNO 158	154	Cx quinquefasciatus	Mcfarland	43	GRVD	07/20/2026	WNV
Kern	DLNO 271	157	Cx quinquefasciatus	Mcfarland	45	GRVD	07/20/2026	WNV
Kern	DLNO 272	160	Cx quinquefasciatus	Delano	16	BGSENT	07/21/2026	WNV
Kern	DLNO 51	163	Cx stigmatosoma	Mcfarland	23	CO2	07/23/2026	WNV
Kern	DLNO 51	164	Cx tarsalis	Mcfarland	50	CO2	07/23/2026	WNV
Kern	DLNO 87	156	Cx quinquefasciatus	Mcfarland	27	GRVD	07/20/2026	WNV
Kern	KERN 1114	338	Cx quinquefasciatus	Bakersfield	50	CO2	07/21/2026	WNV
Kern	KERN 117	351	Cx quinquefasciatus	Bakersfield	50	CO2	07/21/2026	WNV
Kern	KERN 135	363	Cx quinquefasciatus	Bakersfield	21	BGSENT	07/23/2026	WNV
Kern	KERN 2021	341	Cx quinquefasciatus	Wasco	24	GRVD	07/21/2026	WNV
Kern	KERN 3027	345	Cx quinquefasciatus	Arvin	50	CO2	07/21/2026	WNV
Kern	KERN 3039	364	Cx tarsalis	Bakersfield	40	CO2	07/23/2026	WNV
Kern	KERN 33	342	Cx quinquefasciatus	Arvin	50	CO2	07/21/2026	WNV
Kern	KERN 46	358	Cx tarsalis	Wasco	50	CO2	07/21/2026	WNV
Kern	KERN 52	374	Cx quinquefasciatus	Bakersfield	36	GRVD	07/24/2026	WNV
Kern	KERN 7	365	Cx tarsalis	Famoso	36	CO2	07/23/2026	WNV
Kern	WEST 6212	46	Cx tarsalis	Bakersfield	50	CO2	07/29/2026	WNV
Kern	WEST 6212	47	Cx tarsalis	Bakersfield	50	CO2	07/29/2026	WNV
Kern	WEST 6236	48	Cx tarsalis	Bakersfield	50	CO2	07/29/2026	WNV
Kern	WEST 6236	49	Cx tarsalis	Bakersfield	50	CO2	07/29/2026	WNV
Kern	WEST 6237	44	Cx tarsalis	Bakersfield	50	CO2	07/29/2026	WNV
Kern	WEST 6237	45	Cx tarsalis	Bakersfield	50	CO2	07/29/2026	WNV
Kings	KNGS 3019	139	Cx tarsalis	Stratford	50	CO2	07/22/2026	WNV
Kings	KNGS 3019	140	Cx tarsalis	Stratford	23	CO2	07/22/2026	WNV
Kings	KNGS 3033	137	Cx tarsalis	Hanford	10	BGSENT	07/22/2026	WNV

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Kings	KNGS 3033	138	Cx pipiens	Hanford	29	BGSENT	07/22/2026	WNV
Kings	KNGS 3062	141	Cx tarsalis	Lemoore	30	CO2	07/22/2026	WNV
Kings	KNGS 3078	142	Cx tarsalis	Lemoore	50	CO2	07/22/2026	WNV
Kings	KNGS 3078	144	Cx tarsalis	Lemoore	50	CO2	07/22/2026	WNV
Kings	KNGS 3078	146	Cx tarsalis	Lemoore	43	CO2	07/22/2026	WNV
Kings	KNGS 3115	148	Cx tarsalis	Hanford	50	CO2	07/23/2026	WNV
Kings	KNGS 3115	149	Cx tarsalis	Hanford	49	CO2	07/23/2026	WNV
Kings	KNGS 3115	150	Cx pipiens	Hanford	15	CO2	07/23/2026	WNV
Kings	KNGS 3127	132	Cx tarsalis	Corcoran	50	CO2	07/21/2026	WNV
Kings	KNGS 4003	117	Cx tarsalis	Hanford	50	CO2	07/21/2026	WNV
Kings	KNGS 4003	120	Cx tarsalis	Hanford	50	CO2	07/21/2026	WNV
Kings	KNGS 4003	121	Cx pipiens	Hanford	41	CO2	07/21/2026	WNV
Kings	KNGS 4406	157	Cx tarsalis	Lemoore	37	CO2	07/24/2026	WNV
Kings	KNGS 5511	152	Cx tarsalis	Hanford	10	BGSENT	07/23/2026	WNV
Kings	KNGS 5511	153	Cx pipiens	Hanford	50	BGSENT	07/23/2026	WNV
Kings	KNGS 5511	155	Cx pipiens	Hanford	47	BGSENT	07/23/2026	WNV
Kings	KNGS 5519	136	Cx pipiens	Hanford	33	BGSENT	07/21/2026	WNV
Kings	KNGS 8010	123	Cx tarsalis	Hanford	50	CO2	07/21/2026	WNV
Kings	KNGS 8010	124	Cx tarsalis	Hanford	50	CO2	07/21/2026	WNV
Kings	KNGS 8010	125	Cx tarsalis	Hanford	50	CO2	07/21/2026	WNV
Kings	KNGS 8010	126	Cx tarsalis	Hanford	47	CO2	07/21/2026	WNV
Kings	KNGS 8010	127	Cx pipiens	Hanford	50	CO2	07/21/2026	WNV
Kings	KNGS 8010	128	Cx pipiens	Hanford	40	CO2	07/21/2026	WNV
Lake	LAKE 225	268	Cx tarsalis	Lower Lake	50	CO2	07/28/2026	WNV
Los Angeles	GRLA 2030	5610	Cx quinquefasciatus	West Hills	29	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2065	551	Cx quinquefasciatus	Gardena	50	GRVD	07/21/2026	WNV
Los Angeles	GRLA 2097	576	Cx quinquefasciatus	La Mirada	46	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2100	583	Cx quinquefasciatus	Norwalk	17	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2101	575	Cx quinquefasciatus	Santa Fe Springs	20	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2131	556	Cx quinquefasciatus	Wilmington	50	GRVD	07/21/2026	WNV
Los Angeles	GRLA 2194	574	Cx quinquefasciatus	South El Monte	27	GRVD	07/22/2026	WNV
Los Angeles	GRLA 2247	585	Cx quinquefasciatus	Pico Rivera	50	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2268	582	Cx quinquefasciatus	Cerritos	50	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2278	598	Cx quinquefasciatus	Long Beach	50	GRVD	07/24/2026	WNV
Los Angeles	GRLA 2321	552	Cx quinquefasciatus	Carson	50	GRVD	07/21/2026	WNV
Los Angeles	GRLA 2383	566	Cx quinquefasciatus	Whittier	40	GRVD	07/22/2026	WNV
Los Angeles	GRLA 2414	5603	Cx quinquefasciatus	Granada Hills	50	GRVD	07/22/2026	WNV
Los Angeles	GRLA 2419	5605	Cx quinquefasciatus	Panorama City	43	GRVD	07/22/2026	WNV
Los Angeles	GRLA 2421	5606	Cx quinquefasciatus	Panorama City	50	GRVD	07/22/2026	WNV
Los Angeles	GRLA 2438	5613	Cx quinquefasciatus	Chatsworth	34	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2554	5609	Cx quinquefasciatus	Winnetka	38	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2580	5597	Cx quinquefasciatus	Sherman Oaks	50	GRVD	07/22/2026	WNV
Los Angeles	GRLA 2637	5604	Cx quinquefasciatus	Van Nuys	32	BGSENT	07/22/2026	WNV
Los Angeles	GRLA 2650	5601	Cx quinquefasciatus	Van Nuys	50	GRVD	07/22/2026	WNV
Los Angeles	GRLA 2794	588	Cx quinquefasciatus	Carson	50	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2794	590	Cx quinquefasciatus	Carson	40	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2806	5588	Cx quinquefasciatus	Montrose	27	GRVD	07/21/2026	WNV
Los Angeles	GRLA 2889	600	Cx quinquefasciatus	Lakewood	50	BGSENT	07/24/2026	WNV
Los Angeles	GRLA 2890	597	Cx quinquefasciatus	Lakewood	50	GRVD	07/24/2026	WNV
Los Angeles	GRLA 2953	578	Cx quinquefasciatus	Santa Fe Springs	50	GRVD	07/23/2026	WNV
Los Angeles	GRLA 2955	580	Cx quinquefasciatus	Cerritos	50	BGSENT	07/23/2026	WNV
Los Angeles	GRLA 2957	599	Cx quinquefasciatus	Hawaiian Gardens	50	GRVD	07/24/2026	WNV
Los Angeles	GRLA 2995	5608	Cx quinquefasciatus	Woodland Hills	35	GRVD	07/23/2026	WNV
Los Angeles	GRLA 3040	577	Cx quinquefasciatus	La Mirada	50	GRVD	07/23/2026	WNV
Los Angeles	GRLA 3041	581	Cx quinquefasciatus	Artesia	50	GRVD	07/23/2026	WNV
Los Angeles	GRLA 3045	565	Cx quinquefasciatus	Whittier	19	GRVD	07/22/2026	WNV
Los Angeles	GRLA 3046	593	Cx quinquefasciatus	Bellflower	50	GRVD	07/24/2026	WNV
Los Angeles	GRLA 3047	592	Cx quinquefasciatus	Downey	47	GRVD	07/24/2026	WNV
Los Angeles	GRLA 3051	596	Cx quinquefasciatus	Signal Hill	50	GRVD	07/24/2026	WNV
Los Angeles	GRLA 3052	567	Cx quinquefasciatus	La Habra Heights	50	GRVD	07/22/2026	WNV
Los Angeles	GRLA 3053	568	Cx quinquefasciatus	Hacienda Heights	28	GRVD	07/22/2026	WNV

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Los Angeles	GRLA 3060	579	Cx quinquefasciatus	Norwalk	50	GRVD	07/23/2026	WNV
Los Angeles	GRLA 3067	550	Cx quinquefasciatus	Gardena	50	GRVD	07/21/2026	WNV
Los Angeles	GRLA 3068	555	Cx quinquefasciatus	Wilmington	50	GRVD	07/21/2026	WNV
Los Angeles	GRLA 3133	5615	Cx quinquefasciatus	San Fernando	48	GRVD	07/24/2026	WNV
Los Angeles	LACW 1012	1586	Cx quinquefasciatus	Venice	50	GRVD	07/21/2026	WNV
Los Angeles	LACW 1048	1573	Cx quinquefasciatus	Inglewood	50	CO2	07/23/2026	WNV
Los Angeles	LACW 1098	1579	Cx quinquefasciatus	Lomita	50	BGPRO-EVS	07/23/2026	WNV
Los Angeles	LACW 1115	1551	Cx erythrorhax	Playa Vista	50	CO2	07/21/2026	WNV
Los Angeles	SGVA 291	403	Cx quinquefasciatus	El Monte	50	GRVD	07/28/2026	WNV
Los Angeles	SGVA 297	393	Cx quinquefasciatus	Monterey Park	50	GRVD	07/28/2026	WNV
Los Angeles	SGVA 445	399	Cx quinquefasciatus	Rosemead	50	GRVD	07/28/2026	WNV
Los Angeles	SGVA 450	401	Cx quinquefasciatus	La Puente	50	GRVD	07/28/2026	WNV
Los Angeles	SGVA 458	407	Cx quinquefasciatus	Covina	50	GRVD	07/28/2026	WNV
Los Angeles	SGVA 1303	383	Cx quinquefasciatus	Altadena	49	GRVD	07/23/2026	WNV
Los Angeles	SGVA 505	402	Cx quinquefasciatus	Monterey Park	50	GRVD	07/28/2026	WNV
Los Angeles	SGVA 62	416	Cx quinquefasciatus	Covina	50	GRVD	07/28/2026	WNV
Los Angeles	SGVA 64	400	Cx quinquefasciatus	West Covina	44	GRVD	07/28/2026	WNV
Los Angeles	SGVA 953	417	Cx quinquefasciatus	Covina	50	GRVD	07/28/2026	WNV
Madera	MADR 1012	854	Cx tarsalis	Madera County	48	CO2	07/29/2026	WNV
Madera	MADR 1068	920	Cx tarsalis	Madera	50	CO2	07/30/2026	WNV
Madera	MADR 1068	921	Cx quinquefasciatus	Madera	25	CO2	07/30/2026	WNV
Madera	MADR 1157	837	Cx quinquefasciatus	Madera	24	CO2	07/28/2026	WNV
Madera	MADR 1157	838	Cx tarsalis	Madera	15	CO2	07/28/2026	WNV
Madera	MADR 12349	926	Cx tarsalis	Madera	50	CO2	07/30/2026	WNV
Madera	MADR 12349	927	Cx quinquefasciatus	Madera	35	CO2	07/30/2026	WNV
Madera	MADR 12354	873	Cx quinquefasciatus	Madera	35	CO2	07/29/2026	WNV
Madera	MADR 12354	874	Cx tarsalis	Madera	8	CO2	07/29/2026	WNV
Madera	MADR 12355	885	Cx tarsalis	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 12356	866	Cx tarsalis	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 12356	867	Cx quinquefasciatus	Madera	40	CO2	07/29/2026	WNV
Madera	MADR 12358	879	Cx quinquefasciatus	Madera	18	CO2	07/29/2026	WNV
Madera	MADR 12362	843	Cx tarsalis	Madera	14	CO2	07/28/2026	WNV
Madera	MADR 12364	814	Cx tarsalis	Madera	42	CO2	07/28/2026	WNV
Madera	MADR 12369	909	Cx tarsalis	Madera, Ca	40	CO2	07/30/2026	WNV
Madera	MADR 12369	910	Cx quinquefasciatus	Madera, Ca	28	CO2	07/30/2026	WNV
Madera	MADR 12382	922	Cx quinquefasciatus	Madera	16	CO2	07/30/2026	WNV
Madera	MADR 12382	923	Cx tarsalis	Madera	35	CO2	07/30/2026	WNV
Madera	MADR 12388	911	Cx tarsalis	Madera	35	CO2	07/30/2026	WNV
Madera	MADR 12392	826	Cx tarsalis	Madera	50	CO2	07/28/2026	WNV
Madera	MADR 12394	884	Cx tarsalis	Firebaugh	50	CO2	07/29/2026	WNV
Madera	MADR 12410	834	Cx tarsalis	Parkwood	50	CO2	07/28/2026	WNV
Madera	MADR 12555	895	Cx tarsalis	Firebaugh	50	CO2	07/29/2026	WNV
Madera	MADR 12557	851	Cx tarsalis	Fresno	5	CO2	07/28/2026	WNV
Madera	MADR 12600	845	Cx tarsalis	Bonadelle Ranchos-Madera Ranchos	25	CO2	07/28/2026	WNV
Madera	MADR 12608	857	Cx quinquefasciatus	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 12608	858	Cx tarsalis	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 12609	859	Cx tarsalis	Madera	34	CO2	07/29/2026	WNV
Madera	MADR 12610	863	Cx quinquefasciatus	Madera	29	CO2	07/29/2026	WNV
Madera	MADR 12610	864	Cx tarsalis	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 12611	855	Cx tarsalis	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 12611	856	Cx quinquefasciatus	Madera	21	CO2	07/29/2026	WNV
Madera	MADR 12615	931	Cx tarsalis	Madera Acres	28	CO2	07/30/2026	WNV
Madera	MADR 12615	932	Cx quinquefasciatus	Madera Acres	12	CO2	07/30/2026	WNV
Madera	MADR 12619	831	Cx quinquefasciatus	Parkwood	13	CO2	07/28/2026	WNV
Madera	MADR 12619	832	Cx tarsalis	Parkwood	21	CO2	07/28/2026	WNV
Madera	MADR 12620	836	Cx tarsalis	Parkwood	50	CO2	07/28/2026	WNV
Madera	MADR 12623	868	Cx tarsalis	La Vina	40	CO2	07/29/2026	WNV
Madera	MADR 12623	869	Cx quinquefasciatus	La Vina	30	CO2	07/29/2026	WNV
Madera	MADR 12624	883	Cx tarsalis	Biola	24	CO2	07/29/2026	WNV
Madera	MADR 12626	840	Cx tarsalis	Biola	12	CO2	07/28/2026	WNV

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Madera	MADR 12627	848	Cx tarsalis	Rolling Hills	50	CO2	07/28/2026	WNV
Madera	MADR 12633	896	Cx tarsalis	Madera	50	CO2	07/30/2026	WNV
Madera	MADR 12650	816	Cx tarsalis	Fresno	50	CO2	07/28/2026	WNV
Madera	MADR 12678	916	Cx tarsalis	Parksdale	26	CO2	07/30/2026	WNV
Madera	MADR 12681	915	Cx tarsalis	Bonadelle Ranchos-Madera Ranchos	50	CO2	07/30/2026	WNV
Madera	MADR 12685	881	Cx tarsalis	Madera	42	CO2	07/29/2026	WNV
Madera	MADR 12689	889	Cx tarsalis	Firebaugh	50	CO2	07/29/2026	WNV
Madera	MADR 12698	901	Cx quinquefasciatus	Madera	16	CO2	07/30/2026	WNV
Madera	MADR 12698	902	Cx tarsalis	Madera	41	CO2	07/30/2026	WNV
Madera	MADR 15	903	Cx quinquefasciatus	Madera	11	CO2	07/30/2026	WNV
Madera	MADR 15	904	Cx tarsalis	Madera	50	CO2	07/30/2026	WNV
Madera	MADR 195	933	Cx tarsalis	Madera	50	CO2	07/30/2026	WNV
Madera	MADR 198	924	Cx tarsalis	Madera	6	CO2	07/30/2026	WNV
Madera	MADR 204	928	Cx tarsalis	Madera	50	CO2	07/30/2026	WNV
Madera	MADR 259	819	Cx tarsalis	Madera	50	CO2	07/28/2026	WNV
Madera	MADR 276	852	Cx quinquefasciatus	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 276	853	Cx tarsalis	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 311	907	Cx tarsalis	Madera	25	CO2	07/30/2026	WNV
Madera	MADR 581	860	Cx quinquefasciatus	Madera	28	CO2-ROTAT	07/29/2026	WNV
Madera	MADR 581	861	Cx tarsalis	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 634	870	Cx quinquefasciatus	Madera	50	CO2	07/29/2026	WNV
Madera	MADR 688	862	Cx tarsalis	Madera	46	CO2	07/29/2026	WNV
Madera	MADR 704	899	Cx quinquefasciatus	Madera	24	CO2	07/30/2026	WNV
Madera	MADR 706	929	Cx tarsalis	Madera	36	CO2	07/30/2026	WNV
Madera	MADR 715	897	Cx tarsalis	Madera	50	CO2	07/30/2026	WNV
Madera	MADR 726	827	Cx tarsalis	Madera	38	CO2	07/28/2026	WNV
Madera	MADR 732	821	Cx quinquefasciatus	Madera	24	CO2	07/28/2026	WNV
Madera	MADR 763	925	Cx tarsalis	Madera	39	CO2	07/30/2026	WNV
Madera	MADR 766	875	Cx quinquefasciatus	Madera	17	CO2	07/29/2026	WNV
Madera	MADR 768	830	Cx tarsalis	Madera	28	CO2	07/28/2026	WNV
Madera	MADR 961	841	Cx tarsalis	Madera	17	CO2	07/28/2026	WNV
Orange	ORCO 1005	2317	Cx quinquefasciatus	Buena Park	51	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2321	Cx quinquefasciatus	Cypress	50	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2322	Cx quinquefasciatus	Cypress	50	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2323	Cx quinquefasciatus	Cypress	46	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2325	Cx quinquefasciatus	Cypress	50	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2326	Cx quinquefasciatus	Cypress	50	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2327	Cx quinquefasciatus	Cypress	25	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2330	Cx quinquefasciatus	Cypress	45	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2331	Cx quinquefasciatus	Cypress	45	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2338	Cx quinquefasciatus	Cypress	28	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2339	Cx quinquefasciatus	Cypress	27	GRVD	07/24/2026	WNV
Orange	ORCO 1006	2521	Cx quinquefasciatus	Cypress	39	GRVD	07/30/2026	WNV
Orange	ORCO 1006	2522	Cx quinquefasciatus	Cypress	39	GRVD	07/30/2026	WNV
Orange	ORCO 1008	2266	Cx quinquefasciatus	Fullerton	44	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2267	Cx quinquefasciatus	Fullerton	43	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2268	Cx quinquefasciatus	Fullerton	30	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2269	Cx quinquefasciatus	Fullerton	30	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2270	Cx quinquefasciatus	Fullerton	32	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2271	Cx quinquefasciatus	Fullerton	32	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2272	Cx quinquefasciatus	Fullerton	16	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2273	Cx quinquefasciatus	Fullerton	50	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2277	Cx quinquefasciatus	Fullerton	50	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2278	Cx quinquefasciatus	Fullerton	42	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2279	Cx quinquefasciatus	Fullerton	30	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2288	Cx quinquefasciatus	Fullerton	50	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2289	Cx quinquefasciatus	Fullerton	50	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2290	Cx quinquefasciatus	Fullerton	50	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2291	Cx quinquefasciatus	Fullerton	50	GRVD	07/23/2026	WNV
Orange	ORCO 1008	2292	Cx quinquefasciatus	Fullerton	14	GRVD	07/23/2026	WNV

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Orange	ORCO 1008	2504	Cx quinquefasciatus	Fullerton	12	GRVD	07/30/2026	WNV
Orange	ORCO 1008	2517	Cx quinquefasciatus	Fullerton	38	GRVD	07/30/2026	WNV
Orange	ORCO 1008	2518	Cx quinquefasciatus	Fullerton	37	GRVD	07/30/2026	WNV
Orange	ORCO 1009	2346	Cx quinquefasciatus	Garden Grove	21	GRVD	07/28/2026	WNV
Orange	ORCO 1009	2353	Cx quinquefasciatus	Garden Grove	50	GRVD	07/28/2026	WNV
Orange	ORCO 1009	2354	Cx quinquefasciatus	Garden Grove	50	GRVD	07/28/2026	WNV
Orange	ORCO 1009	2355	Cx quinquefasciatus	Garden Grove	50	GRVD	07/28/2026	WNV
Orange	ORCO 1009	2366	Cx quinquefasciatus	Garden Grove	36	GRVD	07/28/2026	WNV
Orange	ORCO 1009	2367	Cx quinquefasciatus	Garden Grove	40	GRVD	07/28/2026	WNV
Orange	ORCO 1011	2491	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2492	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2493	Cx quinquefasciatus	La Habra	9	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2500	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2501	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2503	Cx quinquefasciatus	La Habra	28	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2505	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2506	Cx quinquefasciatus	La Habra	40	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2507	Cx quinquefasciatus	La Habra	43	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2508	Cx quinquefasciatus	La Habra	26	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2510	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2511	Cx quinquefasciatus	La Habra	21	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2513	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2526	Cx quinquefasciatus	La Habra	14	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2527	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2539	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2540	Cx quinquefasciatus	La Habra	50	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2542	Cx quinquefasciatus	La Habra	30	GRVD	07/30/2026	WNV
Orange	ORCO 1011	2543	Cx quinquefasciatus	La Habra	30	GRVD	07/30/2026	WNV
Orange	ORCO 1020	2471	Cx quinquefasciatus	Seal Beach	36	GRVD	07/29/2026	WNV
Orange	ORCO 1020	2472	Cx quinquefasciatus	Seal Beach	36	GRVD	07/29/2026	WNV
Orange	ORCO 1031	2332	Cx quinquefasciatus	Los Alamitos	34	GRVD	07/24/2026	WNV
Orange	ORCO 1031	2333	Cx quinquefasciatus	Los Alamitos	33	GRVD	07/24/2026	WNV
Orange	ORCO 1031	2334	Cx quinquefasciatus	Los Alamitos	44	GRVD	07/24/2026	WNV
Orange	ORCO 1031	2335	Cx quinquefasciatus	Los Alamitos	45	GRVD	07/24/2026	WNV
Orange	ORCO 1031	2336	Cx quinquefasciatus	Los Alamitos	50	GRVD	07/24/2026	WNV
Orange	ORCO 1031	2358	Cx quinquefasciatus	Los Alamitos	40	GRVD	07/28/2026	WNV
Orange	ORCO 117	2512	Cx quinquefasciatus	Orange	11	GRVD	07/30/2026	WNV
Orange	ORCO 170	2441	Cx quinquefasciatus	Anaheim	8	BGSENT	07/28/2026	WNV
Orange	ORCO 208	2489	Cx quinquefasciatus	Santa Ana	25	CO2	07/29/2026	WNV
Orange	ORCO 215	2480	Cx quinquefasciatus	La Habra	40	CO2	07/29/2026	WNV
Orange	ORCO 218	2255	Cx quinquefasciatus	Anaheim	44	GRVD	07/23/2026	WNV
Orange	ORCO 218	2257	Cx quinquefasciatus	Anaheim	40	GRVD	07/23/2026	WNV
Orange	ORCO 218	2258	Cx quinquefasciatus	Anaheim	39	GRVD	07/23/2026	WNV
Orange	ORCO 218	2260	Cx quinquefasciatus	Anaheim	42	GRVD	07/23/2026	WNV
Orange	ORCO 218	2261	Cx quinquefasciatus	Anaheim	41	GRVD	07/23/2026	WNV
Orange	ORCO 218	2262	Cx quinquefasciatus	Anaheim	41	GRVD	07/23/2026	WNV
Orange	ORCO 218	2274	Cx quinquefasciatus	Anaheim	46	GRVD	07/23/2026	WNV
Orange	ORCO 218	2347	Cx quinquefasciatus	Anaheim	39	GRVD	07/28/2026	WNV
Orange	ORCO 218	2348	Cx tarsalis	Anaheim	4	GRVD	07/28/2026	WNV
Orange	ORCO 218	2350	Cx quinquefasciatus	Anaheim	44	GRVD	07/28/2026	WNV
Orange	ORCO 218	2360	Cx quinquefasciatus	Anaheim	50	GRVD	07/28/2026	WNV
Orange	ORCO 218	2361	Cx quinquefasciatus	Anaheim	36	GRVD	07/28/2026	WNV
Orange	ORCO 218	2365	Cx quinquefasciatus	Anaheim	50	GRVD	07/28/2026	WNV
Orange	ORCO 218	2369	Cx quinquefasciatus	Anaheim	50	GRVD	07/28/2026	WNV
Orange	ORCO 218	2370	Cx quinquefasciatus	Anaheim	46	GRVD	07/28/2026	WNV
Orange	ORCO 218	2376	Cx quinquefasciatus	Anaheim	40	GRVD	07/28/2026	WNV
Orange	ORCO 218	2378	Cx quinquefasciatus	Anaheim	36	GRVD	07/28/2026	WNV
Orange	ORCO 218	2379	Cx quinquefasciatus	Anaheim	40	GRVD	07/28/2026	WNV
Orange	ORCO 218	2380	Cx quinquefasciatus	Anaheim	36	GRVD	07/28/2026	WNV
Orange	ORCO 218	2381	Cx quinquefasciatus	Anaheim	10	GRVD	07/28/2026	WNV
Orange	ORCO 218	2387	Cx quinquefasciatus	Anaheim	50	GRVD	07/28/2026	WNV

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Orange	ORCO 218	2388	Cx quinquefasciatus	Anaheim	50	GRVD	07/28/2026	WNV
Orange	ORCO 218	2389	Cx quinquefasciatus	Anaheim	23	GRVD	07/28/2026	WNV
Orange	ORCO 218	2403	Cx quinquefasciatus	Anaheim	31	GRVD	07/28/2026	WNV
Orange	ORCO 218	2495	Cx quinquefasciatus	Anaheim	21	GRVD	07/30/2026	WNV
Orange	ORCO 218	2499	Cx quinquefasciatus	Anaheim	51	GRVD	07/30/2026	WNV
Orange	ORCO 218	2520	Cx quinquefasciatus	Anaheim	51	GRVD	07/30/2026	WNV
Orange	ORCO 228	2319	Cx quinquefasciatus	Westminster	31	GRVD	07/24/2026	WNV
Orange	ORCO 228	2320	Cx quinquefasciatus	Westminster	31	GRVD	07/24/2026	WNV
Orange	ORCO 235	2496	Cx quinquefasciatus	Stanton	13	GRVD	07/30/2026	WNV
Orange	ORCO 235	2515	Cx quinquefasciatus	Stanton	24	GRVD	07/30/2026	WNV
Orange	ORCO 238	2459	Cx quinquefasciatus	Anaheim	24	GRVD	07/29/2026	WNV
Orange	ORCO 29	2460	Cx quinquefasciatus	Santa Ana	45	GRVD	07/29/2026	WNV
Orange	ORCO 302	2424	Cx quinquefasciatus	Anaheim	35	GRVD	07/28/2026	WNV
Orange	ORCO 302	2454	Cx quinquefasciatus	Anaheim	18	BGSENT	07/28/2026	WNV
Orange	ORCO 306	2437	Cx quinquefasciatus	Villa Park	38	GRVD	07/28/2026	WNV
Orange	ORCO 317	2409	Cx quinquefasciatus	Fullerton	11	BGSENT	07/28/2026	WNV
Orange	ORCO 317	2410	Cx quinquefasciatus	Fullerton	30	GRVD	07/28/2026	WNV
Orange	ORCO 317	2411	Cx quinquefasciatus	Fullerton	29	GRVD	07/28/2026	WNV
Orange	ORCO 319	2407	Cx quinquefasciatus	Buena Park	30	GRVD	07/28/2026	WNV
Orange	ORCO 324	2421	Cx quinquefasciatus	Los Alamitos	42	GRVD	07/28/2026	WNV
Orange	ORCO 325	2390	Cx quinquefasciatus	La Habra	30	GRVD	07/28/2026	WNV
Orange	ORCO 325	2391	Cx quinquefasciatus	La Habra	30	GRVD	07/28/2026	WNV
Orange	ORCO 328	2415	Cx quinquefasciatus	Fullerton	41	GRVD	07/28/2026	WNV
Orange	ORCO 329	2438	Cx quinquefasciatus	Fullerton	50	GRVD	07/28/2026	WNV
Orange	ORCO 329	2439	Cx quinquefasciatus	Fullerton	13	GRVD	07/28/2026	WNV
Orange	ORCO 331	2443	Cx quinquefasciatus	Placentia	23	GRVD	07/28/2026	WNV
Orange	ORCO 332	2445	Cx quinquefasciatus	Fullerton	31	GRVD	07/28/2026	WNV
Orange	ORCO 332	2446	Cx quinquefasciatus	Fullerton	30	GRVD	07/28/2026	WNV
Orange	ORCO 334	2399	Cx quinquefasciatus	Cypress	37	GRVD	07/28/2026	WNV
Orange	ORCO 336	2414	Cx quinquefasciatus	Anaheim	41	GRVD	07/28/2026	WNV
Orange	ORCO 337	2401	Cx quinquefasciatus	Anaheim	32	GRVD	07/28/2026	WNV
Orange	ORCO 338	2417	Cx quinquefasciatus	Anaheim	50	GRVD	07/28/2026	WNV
Orange	ORCO 338	2418	Cx quinquefasciatus	Anaheim	50	GRVD	07/28/2026	WNV
Orange	ORCO 341	2422	Cx quinquefasciatus	Stanton	46	GRVD	07/28/2026	WNV
Orange	ORCO 349	2458	Cx quinquefasciatus	Garden Grove	33	GRVD	07/29/2026	WNV
Orange	ORCO 356	2475	Cx quinquefasciatus	Costa Mesa	40	GRVD	07/29/2026	WNV
Orange	ORCO 364	2457	Cx quinquefasciatus	Garden Grove	51	GRVD	07/29/2026	WNV
Orange	ORCO 403	2293	Cx quinquefasciatus	Irvine	16	GRVD	07/23/2026	WNV
Orange	ORCO 82	2433	Cx quinquefasciatus	Cypress	50	GRVD	07/28/2026	WNV
Orange	ORCO 82	2435	Cx quinquefasciatus	Cypress	44	GRVD	07/28/2026	WNV
Orange	ORCO 83	2468	Cx quinquefasciatus	Costa Mesa	19	GRVD	07/29/2026	WNV
Placer	PLCR 1114	1882	Cx tarsalis	Lincoln	50	CO2	07/28/2026	WNV
Placer	PLCR 1114	1883	Cx tarsalis	Lincoln	50	CO2	07/28/2026	WNV
Placer	PLCR 139	1875	Cx pipiens	Roseville	5	CO2	07/28/2026	WNV
Placer	PLCR 17	1887	Cx tarsalis	Sheridan	50	CO2	07/28/2026	WNV
Placer	PLCR 191402	1957	Cx stigmatosoma	Rocklin	3	CO2	07/29/2026	WNV
Placer	PLCR 194232	1879	Cx tarsalis	Pleasant Grove	32	CO2	07/28/2026	WNV
Placer	PLCR 197802	1982	Cx tarsalis	Elverta	12	CO2	07/30/2026	WNV
Placer	PLCR 25	1904	Cx tarsalis	Lincoln	50	CO2	07/28/2026	WNV
Placer	PLCR 276365	1947	Cx pipiens	Roseville	23	CO2	07/29/2026	WNV
Placer	PLCR 678519	1897	Cx tarsalis	Elverta	50	CO2	07/28/2026	WNV
Placer	PLCR 678519	1898	Cx tarsalis	Elverta	50	CO2	07/28/2026	WNV
Placer	PLCR 678519	1899	Cx tarsalis	Elverta	50	CO2	07/28/2026	WNV
Placer	PLCR 678519	1900	Cx tarsalis	Elverta	50	CO2	07/28/2026	WNV
Placer	PLCR 678519	1901	Cx tarsalis	Elverta	50	CO2	07/28/2026	WNV
Placer	PLCR 678519	1903	Cx stigmatosoma	Elverta	4	CO2	07/28/2026	WNV
Placer	PLCR 718137	1969	Cx tarsalis	Sheridan	29	CO2	07/30/2026	WNV
Placer	PLCR 775829	1907	Cx tarsalis	Pleasant Grove	50	CO2	07/28/2026	WNV
Placer	PLCR 775829	1908	Cx tarsalis	Pleasant Grove	50	CO2	07/28/2026	WNV
Placer	PLCR 775829	1909	Cx tarsalis	Pleasant Grove	50	CO2	07/28/2026	WNV
Placer	PLCR 775829	1910	Cx tarsalis	Pleasant Grove	50	CO2	07/28/2026	WNV

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Placer	PLCR 79	1859	Cx tarsalis	Roseville	39	CO2	07/28/2026	WNV
Placer	PLCR 81	1845	Cx tarsalis	Roseville	12	CO2	07/28/2026	WNV
Riverside	COAV 33	3752	Cx tarsalis	Thermal	41	CO2	07/28/2026	WNV
Riverside	COAV 37	3692	Cx tarsalis	Mecca	38	CO2	07/28/2026	WNV
Riverside	COAV 37	3702	Cx tarsalis	Mecca	48	CO2	07/30/2026	WNV
Riverside	COAV 48	3698	Cx tarsalis	Mecca	50	CO2	07/28/2026	WNV
Riverside	COAV 48	3699	Cx tarsalis	Mecca	36	CO2	07/28/2026	WNV
Sacramento	SAYO 111	3519	Cx tarsalis	Citrus Heights	3	CO2	07/28/2026	WNV
Sacramento	SAYO 201006	3771	Cx tarsalis	Sacramento	50	CO2	07/30/2026	WNV
Sacramento	SAYO 204020	3649	Cx pipiens	Sacramento	3	GRVD	07/28/2026	WNV
Sacramento	SAYO 204051	3634	Cx tarsalis	Citrus Heights	3	CO2	07/28/2026	WNV
Sacramento	SAYO 213017	3514	Cx pipiens	Sacramento	7	GRVD	07/28/2026	WNV
Sacramento	SAYO 214011	3656	Cx pipiens	Fair Oaks	9	GRVD	07/28/2026	WNV
Sacramento	SAYO 232039	3725	Cx pipiens	Sacramento	49	CO2	07/30/2026	WNV
Sacramento	SAYO 232039	3727	Cx tarsalis	Sacramento	14	CO2	07/30/2026	WNV
Sacramento	SAYO 243026	3708	Cx tarsalis	Elk Grove	17	CO2	07/30/2026	WNV
Sacramento	SAYO 245026	3671	Cx tarsalis	Wilton	50	CO2	07/30/2026	WNV
Sacramento	SAYO 254021	3683	Cx tarsalis	Galt	19	CO2	07/30/2026	WNV
Sacramento	SAYO 444408	3455	Cx pipiens	Sacramento	3	CO2	07/28/2026	WNV
San Bernardino	SANB 0	246	Cx quinquefasciatus	San Bernardino	50	GRVD	07/22/2026	WNV
San Bernardino	SANB 135	250	Cx quinquefasciatus	Colton	50	GRVD	07/22/2026	WNV
San Bernardino	SANB 146	263	Cx quinquefasciatus	San Bernardino	50	GRVD	07/24/2026	WNV
San Bernardino	SANB 146	264	Cx quinquefasciatus	San Bernardino	40	GRVD	07/24/2026	WNV
San Bernardino	SANB 167	252	Cx quinquefasciatus	Colton	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 167	253	Cx quinquefasciatus	Colton	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 167	254	Cx quinquefasciatus	Colton	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 167	255	Cx quinquefasciatus	Colton	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 535	262	Cx quinquefasciatus	San Bernardino	50	GRVD	07/24/2026	WNV
San Bernardino	SANB 536	257	Cx quinquefasciatus	San Bernardino	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 536	258	Cx quinquefasciatus	San Bernardino	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 536	259	Cx quinquefasciatus	San Bernardino	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 536	260	Cx quinquefasciatus	San Bernardino	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 536	261	Cx quinquefasciatus	San Bernardino	50	GRVD	07/23/2026	WNV
San Bernardino	SANB 604	247	Cx quinquefasciatus	San Bernardino	50	GRVD	07/22/2026	WNV
San Bernardino	SANB 604	248	Cx quinquefasciatus	San Bernardino	50	GRVD	07/22/2026	WNV
San Bernardino	SANB 605	249	Cx quinquefasciatus	Colton	50	GRVD	07/22/2026	WNV
San Bernardino	WVAL 2099	1542	Cx quinquefasciatus	Ontario	17	BGSENT	07/29/2026	WNV
San Bernardino	WVAL 4721	1507	Cx quinquefasciatus	Chino	38	BGSENT	07/28/2026	WNV
San Bernardino	WVAL 5675	1596	Cx quinquefasciatus	Rancho Cucamonga	32	BGSENT	07/30/2026	WNV
San Bernardino	WVAL 5757	1589	Cx quinquefasciatus	Chino	26	BGSENT	07/30/2026	WNV
San Diego	SAND 25231	19944	Cx quinquefasciatus	El Cajon	8	CO2	07/09/2026	WNV
San Diego	SAND 25298	20055	Cx quinquefasciatus	El Cajon	37	GRVD	07/17/2026	WNV
San Joaquin	SJCM 8004	1235	Cx tarsalis	Lodi	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8018	1275	Cx tarsalis	Stockton	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8027	1282	Cx tarsalis	Stockton	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8027	1285	Cx tarsalis	Stockton	9	CO2	07/28/2026	WNV
San Joaquin	SJCM 8106	1303	Cx tarsalis	Escalon	13	CO2	07/28/2026	WNV
San Joaquin	SJCM 8199	1320	Cx tarsalis	Manteca	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8200	1297	Cx tarsalis	Lodi	12	CO2	07/28/2026	WNV
San Joaquin	SJCM 8206	1240	Cx tarsalis	Lodi	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8206	1244	Cx tarsalis	Lodi	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8206	1248	Cx tarsalis	Lodi	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8206	1249	Cx tarsalis	Lodi	50	CO2	07/28/2026	WNV
San Joaquin	SJCM 8219	1292	Cx tarsalis	Stockton	45	CO2	07/28/2026	WNV
Santa Clara	STCL 30157	1031	Cx pipiens	Gilroy	18	GRVD	07/22/2026	WNV
Santa Clara	STCL 31613	1034	Cx pipiens	San Jose	13	GRVD	07/23/2026	WNV
Shasta	SHAS 10020	648	Cx tarsalis	Anderson	23	CO2	07/28/2026	WNV
Stanislaus	EAST 2016	26111	Cx pipiens	Oakdale	46	BGSENT	07/16/2026	WNV
Stanislaus	EAST 2089	26100	Cx pipiens	Modesto	50	BGSENT	07/10/2026	WNV
Stanislaus	EAST 2092	26115	Cx pipiens	Modesto	36	BGSENT	07/17/2026	WNV
Stanislaus	EAST 2092	26116	Cx pipiens	Modesto	15	GRVD	07/17/2026	WNV

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Stanislaus	TRLK 1108	372	Cx tarsalis	Modesto	29	CO2	07/28/2026	WNV
Stanislaus	TRLK 2407	347	Cx pipiens	Ceres	45	CO2	07/28/2026	WNV
Stanislaus	TRLK 26317	353	Cx pipiens	Hickman	50	CO2	07/24/2026	WNV
Stanislaus	TRLK 26317	354	Cx pipiens	Hickman	49	CO2	07/24/2026	WNV
Stanislaus	TRLK 26326	376	Cx pipiens	Turlock	46	CO2	07/28/2026	WNV
Stanislaus	TRLK 2656	361	Cx tarsalis	Newman	45	CO2	07/28/2026	WNV
Stanislaus	TRLK 424	337	Cx pipiens	Patterson	39	CO2	07/28/2026	WNV
Sutter	SUYA 24	265	Cx tarsalis	Yuba City	50	REST	07/27/2026	WNV
Sutter	SUYA 30	278	Cx tarsalis	Live Oak	32	REST	07/27/2026	WNV
Sutter	SUYA 31	268	Cx tarsalis	Rio Oso	19	REST	07/27/2026	WNV
Sutter	SUYA 44	289	Cx tarsalis	Pleasant Grove	50	CO2	07/28/2026	WNV
Sutter	SUYA 63	279	Cx tarsalis	Live Oak	32	REST	07/27/2026	WNV
Tulare	DLNO 255	161	Cx tarsalis	Delano	50	CO2	07/22/2026	WNV
Tulare	DLTA 509299	3806	Cx quinquefasciatus	Woodlake	11	GRVD	07/23/2026	WNV
Tulare	DLTA 509400	3819	Cx stigmatosoma	Dinuba	28	BGSENT	07/24/2026	WNV
Tulare	DLTA 509402	3799	Cx quinquefasciatus	Dinuba	16	GRVD	07/23/2026	WNV
Tulare	DLTA 509509	3872	Cx quinquefasciatus	Visalia	10	GRVD	07/28/2026	WNV
Tulare	DLTA 509514	3775	Cx quinquefasciatus	Dinuba	15	BGSENT	07/23/2026	WNV
Tulare	DLTA 509514	3778	Cx quinquefasciatus	Dinuba	49	GRVD	07/23/2026	WNV
Tulare	DLTA 509541	3739	Cx quinquefasciatus	Visalia	18	GRVD	07/22/2026	WNV
Tulare	DLTA 509680	3870	Cx tarsalis	Delft Colony	50	CO2	07/28/2026	WNV
Tulare	DLTA 509687	3825	Cx quinquefasciatus	Visalia	10	GRVD	07/24/2026	WNV
Tulare	DLTA 509829	3782	Cx quinquefasciatus	Dinuba	50	GRVD	07/23/2026	WNV
Tulare	DLTA 509840	3866	Cx quinquefasciatus	Dinuba	10	GRVD	07/28/2026	WNV
Tulare	DLTA 509844	3914	Cx quinquefasciatus	Dinuba	40	BGSENT	07/29/2026	WNV
Tulare	DLTA 509866	3885	Cx quinquefasciatus	Visalia Uab	10	BGSENT	07/29/2026	WNV
Tulare	DLTA 509874	3794	Cx quinquefasciatus	Exeter	37	GRVD	07/23/2026	WNV
Tulare	DLTA 509889	3687	Cx quinquefasciatus	Visalia	34	GRVD	07/21/2026	WNV
Tulare	DLTA 509977	3863	Cx quinquefasciatus	Visalia	25	GRVD	07/28/2026	WNV
Tulare	DLTA 512183	3865	Cx quinquefasciatus	Orosi	16	GRVD	07/28/2026	WNV
Tulare	DLTA 512202	3877	Cx quinquefasciatus	Goshen	27	GRVD	07/28/2026	WNV
Tulare	DLTA 512210	3788	Cx quinquefasciatus	Goshen	11	GRVD	07/23/2026	WNV
Tulare	TLRE 126192	112	Cx quinquefasciatus	Woodville	28	GRVD	07/28/2026	WNV
Tulare	TLRE 126344	115	Cx quinquefasciatus	Poplar-Cotton Center	26	GRVD	07/28/2026	WNV
Tulare	TLRE 24102	108	Cx quinquefasciatus	Tulare	50	GRVD	07/24/2026	WNV
Tulare	TLRE 26353	111	Cx tarsalis	Plainview	50	GRVD	07/28/2026	WNV
Tulare	TLRE 323284	114	Cx quinquefasciatus	Alpaugh	50	GRVD	07/28/2026	WNV
Yolo	SAYO 103006	3782	Cx tarsalis	Dunnigan	50	CO2	07/30/2026	WNV
Yolo	SAYO 103006	3785	Cx tarsalis	Dunnigan	50	CO2	07/30/2026	WNV
Yolo	SAYO 104002	3740	Cx tarsalis	Knights Landing	50	CO2	07/30/2026	WNV
Yolo	SAYO 116006	3750	Cx tarsalis	Knights Landing	22	CO2	07/30/2026	WNV
Yolo	SAYO 123005	3755	Cx tarsalis	Madison	50	CO2	07/30/2026	WNV
Yolo	SAYO 123005	3757	Cx pipiens	Madison	28	GRVD	07/30/2026	WNV
Yolo	SAYO 125030	3543	Cx pipiens	Woodland	7	GRVD	07/28/2026	WNV
Yolo	SAYO 136010	3822	Cx tarsalis	Woodland	50	CO2	07/30/2026	WNV
Yolo	SAYO 136010	3823	Cx tarsalis	Woodland	50	CO2	07/30/2026	WNV
Yolo	SAYO 145005	3566	Cx pipiens	Davis	1	CO2	07/28/2026	WNV
Yolo	SAYO 145005	3567	Cx tarsalis	Davis	50	CO2	07/28/2026	WNV
Yolo	SAYO 145028	3798	Cx tarsalis	Davis	50	CO2	07/30/2026	WNV
Yolo	SAYO 145028	3800	Cx tarsalis	Davis	50	CO2	07/30/2026	WNV
Yolo	SAYO 202	3551	Cx tarsalis	Davis	49	CO2	07/28/2026	WNV
Yolo	SAYO 438031	3792	Cx tarsalis	Woodland	50	CO2	07/30/2026	WNV
Yolo	SAYO 440005	3734	Cx tarsalis	Woodland	50	CO2	07/30/2026	WNV
Yolo	SAYO 440005	3736	Cx tarsalis	Woodland	50	CO2	07/30/2026	WNV

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Sentinel Chickens

County	Site Code	Nearest City	Date Bled	Virus	Band 01	Band 02
Butte	BUCO0001	Chico	7/21/2026	WNV	5125	5126
Butte	BUCO0005	Honcut	7/21/2026	WNV	5148	
Butte	BUCO0006	Chico	7/21/2026	WNV	5155	
Los Angeles	LACW1002	Torrance	7/14/2026	WNV	3848	3850
Sutter	SUYA0020	Meridian	7/23/2026	WNV	5038	5039
Tulare	TLRE0008	Tulare	7/24/2026	WNV	5023	
Yuba	SUYA0007	Marysville	7/23/2026	WNV	5064	

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TEST PROTOCOLS

Humans:

Specimens are tested by local laboratories with an IgM or IgG immunofluorescent assay (IFA) and/or an IgM enzyme immunoassay (EIA). Specimens with inconclusive results are forwarded to the California Department of Public Health Viral and Rickettsial Disease Laboratory (VRDL) for further testing with a plaque reduction neutralization test (PRNT).

Dead Birds

Oral swab samples collected from bird carcasses are tested at the UC Davis Arbovirus Research and Training laboratory (DART) or at a local agency for West Nile virus by RT-qPCR.

Sentinel Chickens:

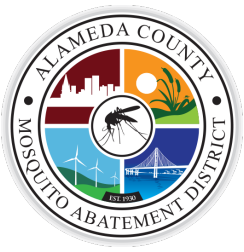
Dried blood spot samples from sentinel chickens are tested at the California Department of Public Health Vector-Borne Disease Laboratory for IgG antibodies to West Nile, St. Louis encephalitis, and western equine encephalomyelitis viruses by an EIA. Positive samples are confirmed by IFA, western-blot, or PRNT.

Mosquito Pools:

Mosquito pools are tested at DART or at a local agency for West Nile, western equine encephalomyelitis, and St. Louis encephalitis viral RNA using a multiplex RT-qPCR. Invasive *Aedes* mosquitoes (*Ae. aegypti* and *Ae. albopictus*) are also tested at DART for chikungunya, dengue, and Zika viral RNA by a separate RT-qPCR.

Website Information: For updated information on WNV in California, please visit the California WNV website, <https://westnile.ca.gov>, or the California Vector-Borne Disease Surveillance System website, <https://maps.vectorsurv.org>.

Prepared by the Vector-Borne Disease Section (Infectious Diseases Branch), California Department of Public Health, 850 Marina Bay Parkway, Richmond, CA 94804. Questions concerning this bulletin should be addressed to Hannah Romo: Hannah.romo@cdph.ca.gov



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General Manager

OPERATIONS REPORT

West Nile virus control efforts

An increase in West Nile virus (WNV) positive birds and mosquitoes prompted operations to focus response on areas surrounding positive activity. Treating all nearby sources including catch basins. In areas where high numbers of *Culex pipiens* were reported, as well as where positive mosquitoes were found, technicians performed door-to-door inspections and treatments of homes. In the areas that had positive mosquitoes, birds, and high *Culex pipiens*/ *Culex tarsalis* in traps, operations performed an overnight Ultra Low Volume (ULV) adulticide treatment to lower mosquito populations and treat properties we could not access in our inspections (figure 1). Every zone focused efforts on inspecting and treating sources that could breed mosquitoes that vector WNV, including inspecting historical problematic unmaintained pools. In collaboration with Alameda County Public Works Agency, a drainage system was installed to lower the water levels in the area to reduce mosquito breeding.

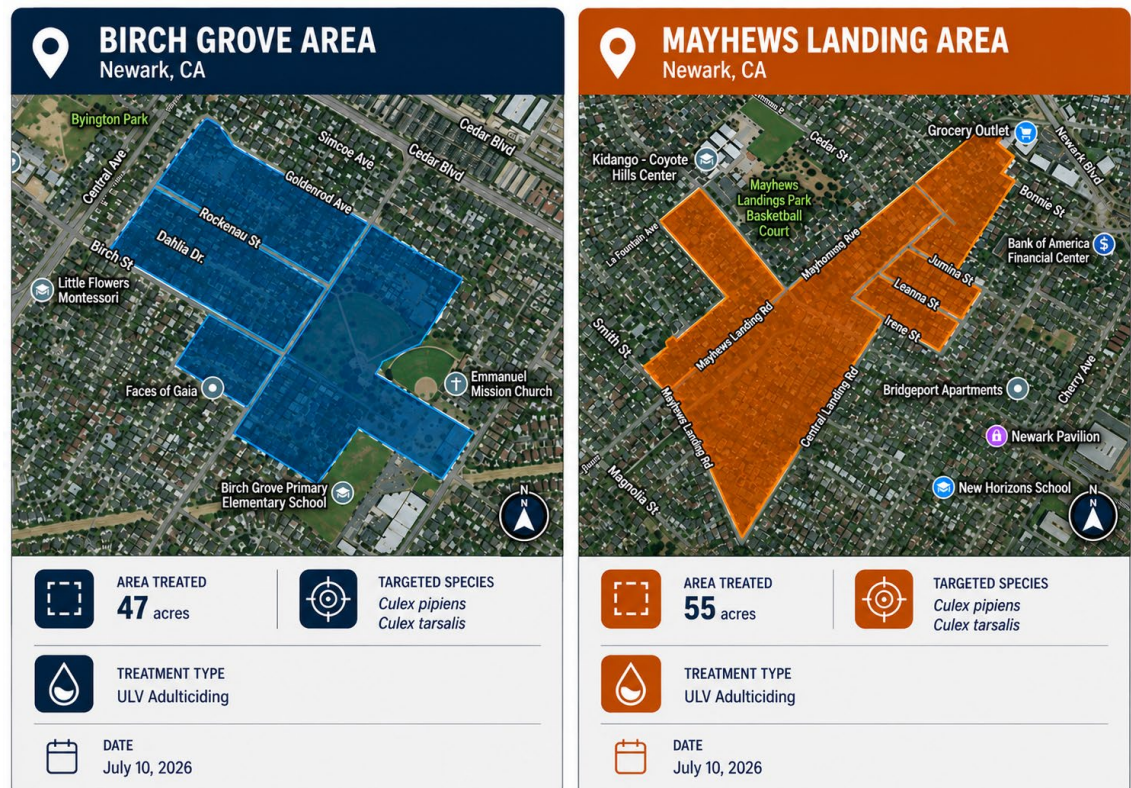


Figure 1. WNV ULV Response Treatments

Aedes aegypti detection response

Operations’ response to the multiple *Ae. aegypti* detections prompted an immediate action which consisted of a single team conducting door-to-door inspections and catch basin treatments from our seasonals in the immediate area. The following day, two teams continued door-to-door inspections along with storm drain aerosolizer treatments with seasonals treating catch basins further out on the perimeter. During inspections, technicians began listing properties where In2Care traps can be placed and followed up with deployment of these traps. In response to lab trapping a gravid *Ae. aegypti* female, operations followed with an overnight Wide Area Larvidicing Spraying (WALS) treatment covering the immediate area to prevent any further breeding of the species (figure 2). Outside of these new detections, operations preemptively inspected properties that had *Ae. aegypti* detections in previous years, as well as the deployment of Mosquito Magnets to assist with further prevention of repeat hatchings.

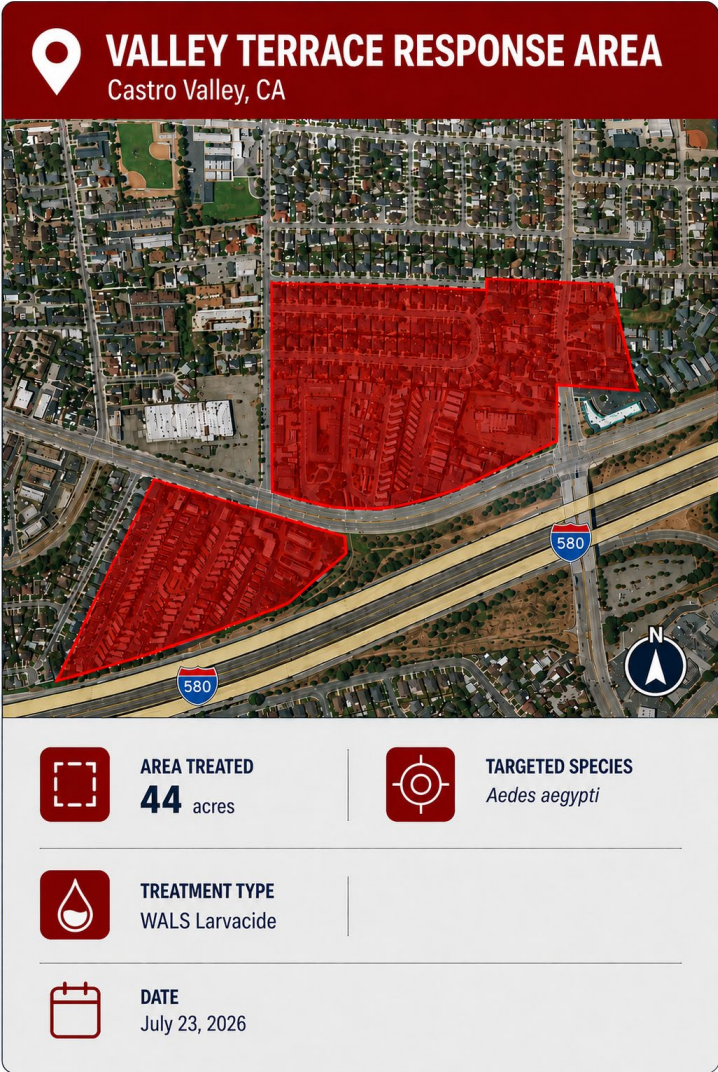


Figure 2. Invasive *Aedes* detection WALS treatment

Aedes dorsalis tidal control

Typical years average one tidal event per month that reach levels capable of producing *Ae. dorsalis* to hatch in the salt marshes. This July, we saw three (figure 3). One high tide reached a height and duration that exceeded typical occurrences. Each tidal event requires most of the technicians in operations to inspect the marshes. After positive *Ae. dorsalis* were identified, most operations staff went into the marshes to treat the tidal mosquito, with a small remainder of technicians reserved to address service requests and dead bird pickups.

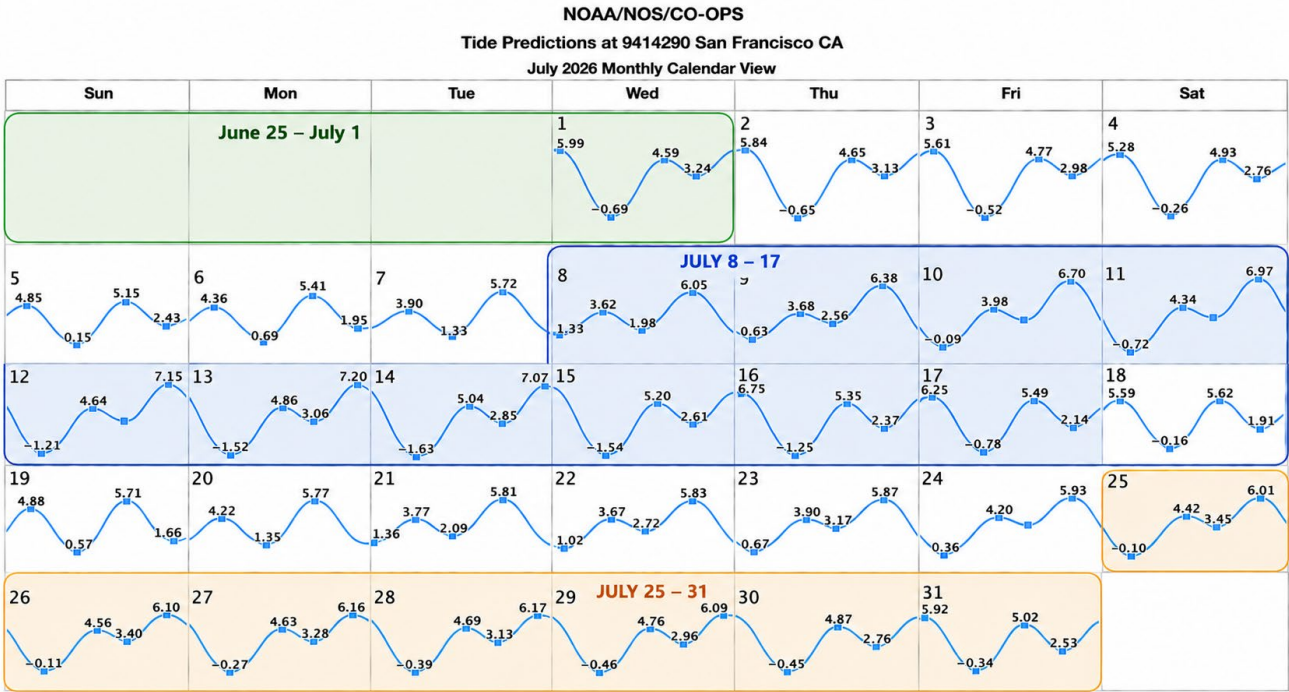
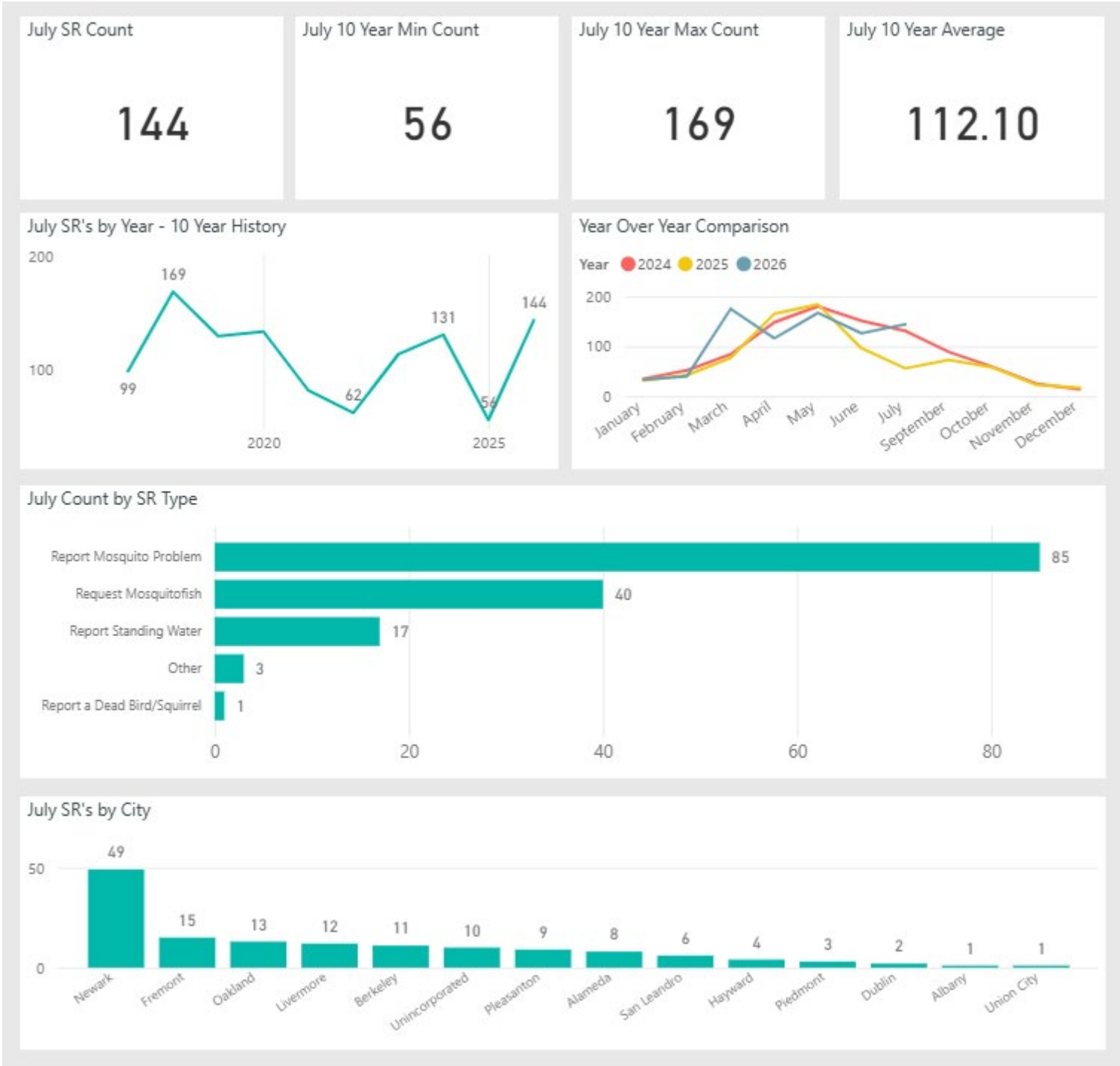


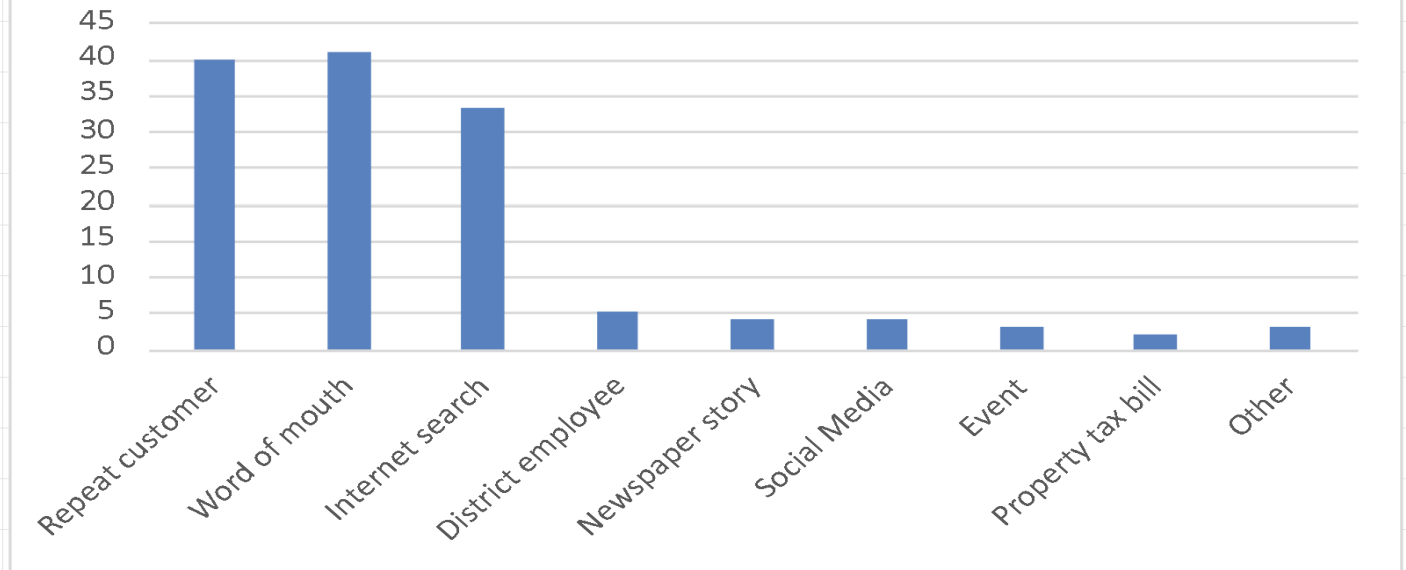
Figure 3. July 2026 San Francisco Bay tide predictions

Service requests

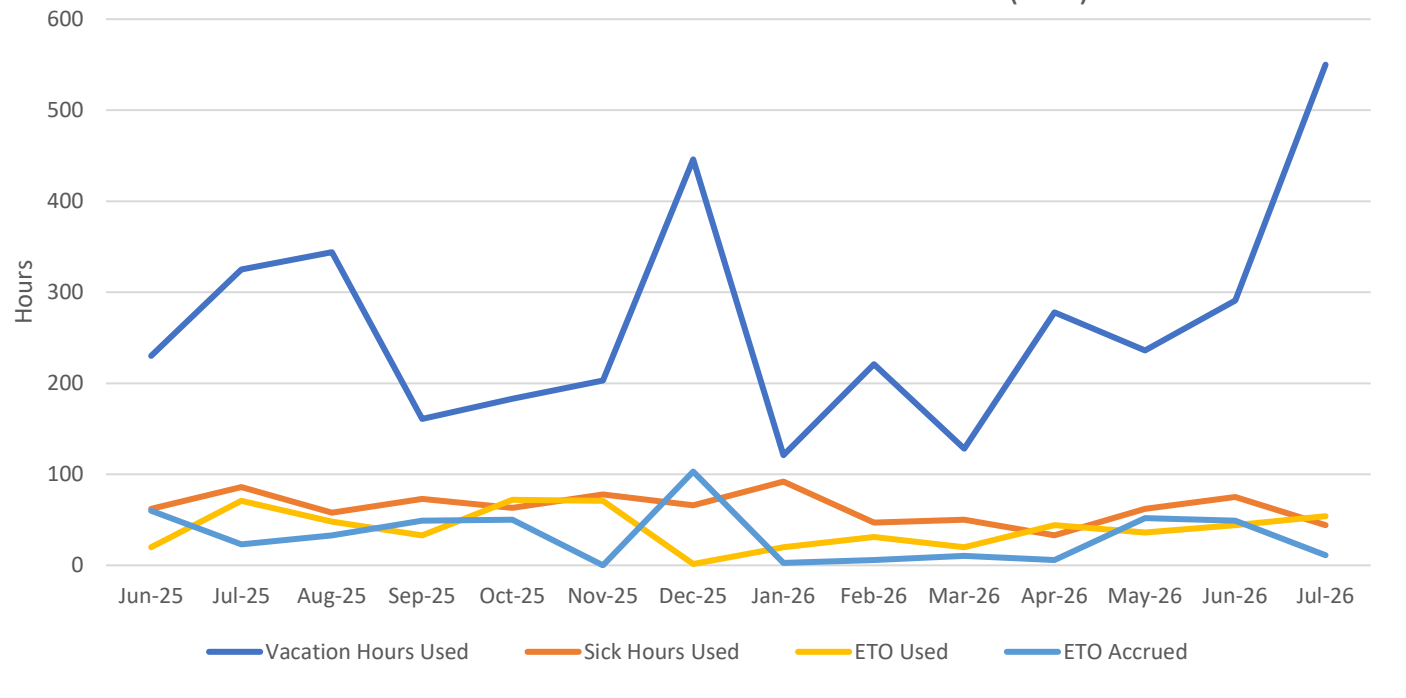
Higher than average service requests this July. A significant number of callers had referenced media coverage on WNV as the main driver behind calling in their service request. *Ae. dorsalis* activity increased in the southern county due to this year having higher than average *Ae. dorsalis* producing tides.



How did residents who requested service learn about ACMAD? July 2026



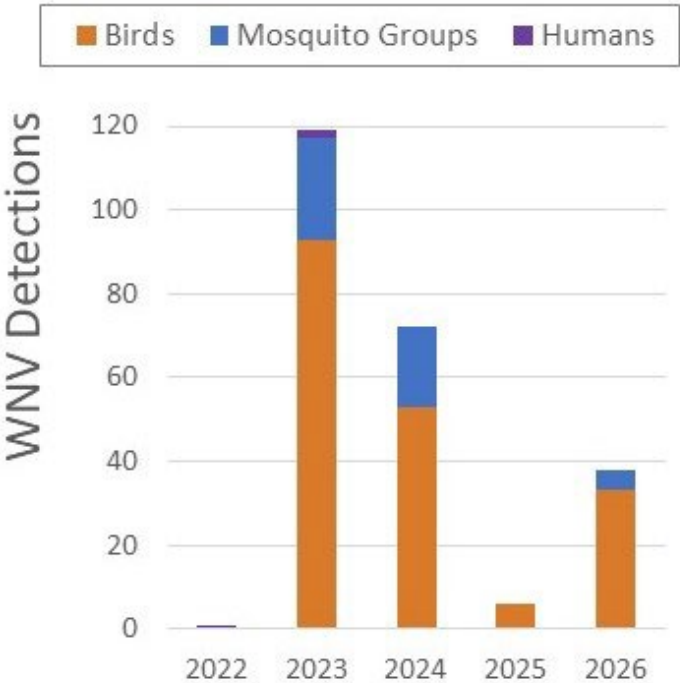
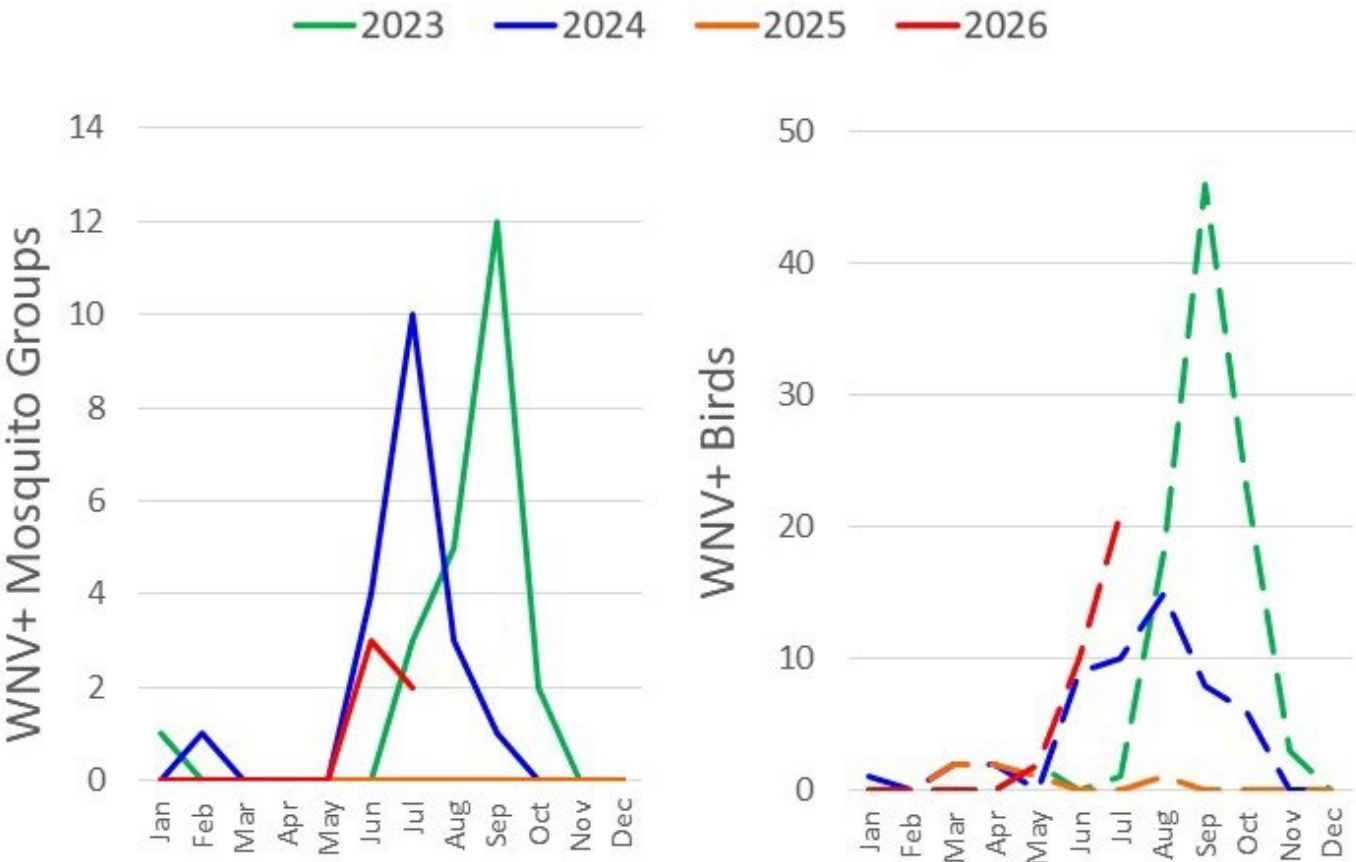
District staff time-off and accrued Earned Time Off (ETO)



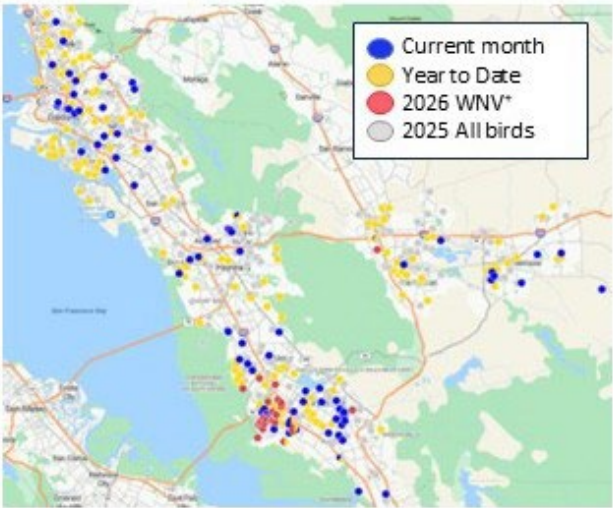
Virtual Phone System

- Ally, our AI assistant, answered 100% of all 259 calls made to the District in July.
- The 19.31% abandonment rate is primarily from spam calls and unsolicited vendors that hang up.
- Not all calls that come through Ally are turned into Service Requests.

WNV Activity Report for Alameda County



Dead Birds Collected and WNV Detections



LABORATORY

1. Summary

- Adult mosquito abundance declined from June, even though trapping effort increased. The number of traps placed increased from 764 in June to 863 in July, while average abundance declined from 56.6 to 41.6 mosquitoes per trap.
 - Increased trapping was primarily driven by trapping near WNV-positive bird locations and by surveillance associated with the release of Wolbachia WB1 *Aedes aegypti* in Livermore.
- *Culex* WNV vectors continued to dominate the catch, making up about 87% of July mosquitoes.
- WNV activity increased in July, with 21 positive birds (Newark (12), Fremont (4), Livermore (2), Castro Valley (1), Union City (1), and Pleasanton (1)) and 2 mosquito groups (Newark (1) and Union City (1)).
- 6 adult *Aedes aegypti* were collected this month ((Castro Valley (3), Pleasanton (1), and Livermore (2)), supporting continued grid trapping and source-reduction follow-up.

2. Key July Metrics

Adult mosquito surveillance in July showed lower abundance than June despite continued broad surveillance coverage.

Table 1. Adult mosquito surveillance metrics

Metric	July 2026	June 2026	Change
Trap nights	863	764	+13%
Total adults collected	35,934	43,255	-17%
Average abundance	41.6 mosquitoes / trap night	56.6 mosquitoes / trap night	-26%
Zero-catch traps	15%	10%	+5 percentage points

3. Weather and Environmental Correlates

July collections indicate continued summer mosquito activity, but with lower trap-normalized abundance than June. WNV detections are now the more important operational signal than total abundance alone.

- **Seasonal pattern.** Overall abundance declined after the late-June peak shown in Figure 1, while WNV vector species remained active.
- ***Culex* habitat signal.** *Culex erythrothorax* remained high (Figure 2), consistent with continued production from tule marshes and other semi-permanent aquatic habitats.
- **Marsh *Aedes*.** *Aedes dorsalis* increased from 823 in June to 1,096 in July but remained a much smaller share of the catch than *Culex* mosquitoes.

4. Arbovirus Surveillance

WNV activity increased in July. The WNV figure above shows two WNV-positive mosquito groups and 21 birds in July. Most WNV detections were in Newark with others collected in Fremont, Union City, Pleasanton, Livermore, and Castro Valley.

- **Dead bird surveillance.** In July, 21 of 70 dead birds tested positive for WNV. WNV-positive birds were collected from Newark (12), Fremont (4), Livermore (2), Castro Valley (1), Union City (1), and Pleasanton (1).
- **Mosquito testing results.** In July, 2 of 297 mosquito groups tested positive for WNV, a positivity rate of 0.7% (1 each in Newark and Union City). These detections confirm active but low-level WNV transmission in the adult mosquito population.

5. Native Mosquitoes

Species composition and abundance shifted from June to July, with continued *Culex* dominance but lower total

abundance and a sharp reduction in *Culex tarsalis*.

- **Overall abundance.** Total adult mosquitoes declined from 43,255 in June to 35,934 in July, a 17 percent decrease. Trap-normalized abundance declined from 56.6 to 41.6 mosquitoes per trap night (Table 1 and Figure 1).
- **Culex species.** Total *Culex* abundance declined from 37,892 in June to 31,195 in July, an 18 percent decrease. *Culex erythrothorax* remained the dominant July species, with 23,416 adults collected and 65% of the July total. *Culex tarsalis* declined to 3,991 (- 64%), while *Culex pipiens* increased to 3,788 (+ 12%). Together, these three WNV vector species accounted for 87% of the July catch (Figures 2 and 3).
- **Aedes species.** Total *Aedes* abundance increased slightly from 1,103 in June to 1,169 in July. This was driven primarily by *Aedes dorsalis*, which increased from 823 to 1,099. *Aedes sierrensis* was also detected at low levels, with 35 adults collected in July. *Aedes washinoi* remained low after the spring emergence pulse.
- **Culiseta species.** *Culiseta* abundance decreased from 4,131 in June to 3,486 in July. *Culiseta incidens* remained the dominant *Culiseta* species, with 3,367 adults collected in July.
- **Spatial patterns.** Union City accounted for 21,716 mosquitoes, or 60% of all July collections. Fremont and Newark accounted for 5,163 and 2,334 mosquitoes, respectively. Together, Union City, Fremont, and Newark accounted for 81% of all mosquitoes collected in July, consistent with continued production in shoreline and wetland-associated habitats (Figure 4).
- **Annual trend context.** The annual trend figures show that 2026 abundance remained active through July but below the largest 2024 peaks (Figure 1). WNV detections in birds and mosquitoes indicate that disease transmission risk increased even as total mosquito abundance declined from June.

Table 2. Dominant species comparison

Species	July 2026 (# of mosquitoes)	June 2026 (# of mosquitoes)	Difference
All Culex species	31,195	37,892	-18%
<i>Culex erythrothorax</i>	23,416	23,435	-0%
<i>Culex tarsalis</i>	3,991	11,073	-64%
<i>Culex pipiens</i>	3,788	3,378	+12%
<i>Culiseta incidens</i>	3,367	3,763	-11%
<i>Aedes dorsalis</i>	1,099	823	+34%
<i>Culiseta particeps</i>	115	324	-65%
<i>Aedes washinoi</i>	18	185	-90%

6. *Aedes aegypti* Update

Six adult *Aedes aegypti* were detected in July (5 females and 1 male). Detections occurred in Castro Valley, Pleasanton, and Livermore (Figure 5). These detections follow the first 2026 adult detections recorded in June and confirm continued low-level presence in the county. The ongoing detection of *Aedes sierrensis* in traps from a range of habitats highlights the importance of using the quantitative PCR barcoding assay we developed that conclusively discriminates it from *Aedes aegypti*.

7. Public Health Implications

July surveillance indicates that WNV risk increased even though overall adult mosquito abundance declined from June. WNV was detected in both birds and mosquito groups, confirming active local transmission. Detections were concentrated in Newark and nearby shoreline communities, with additional positive birds reported from other parts of the county.

Culex mosquitoes, the primary WNV vectors, continued to dominate July collections and accounted for most adult mosquitoes collected. This supports continued response trapping and close coordination between laboratory and operations staff around WNV-positive bird and mosquito locations.

Adult *Aedes aegypti* detections in Castro Valley, Pleasanton, and Livermore indicate that this invasive mosquito remains present at low levels and is not limited to the original Tri-Valley detection area. Multiple adult detections across July support continued grid-based trapping. Additional detections would indicate a need to reassess the local extent of establishment and the intensity of response activities.

8. Lab Figures

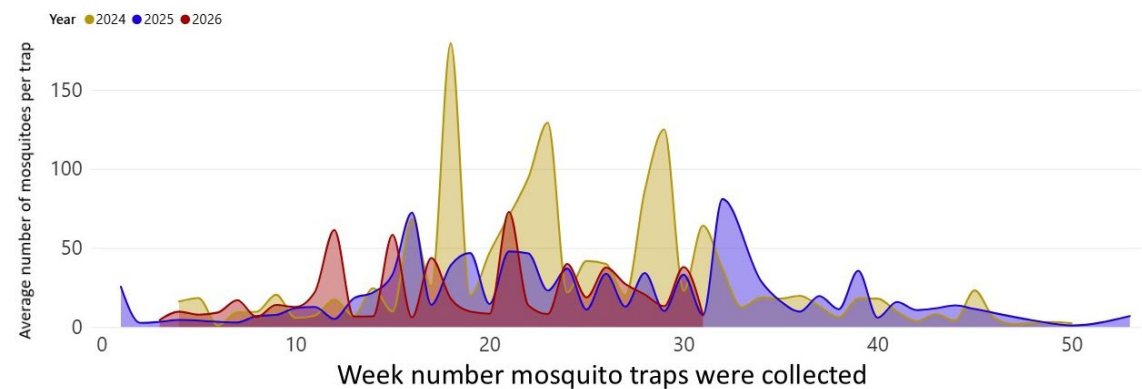


Figure 1. The average number of female mosquitoes captured by week for 2024, 2025, and 2026.

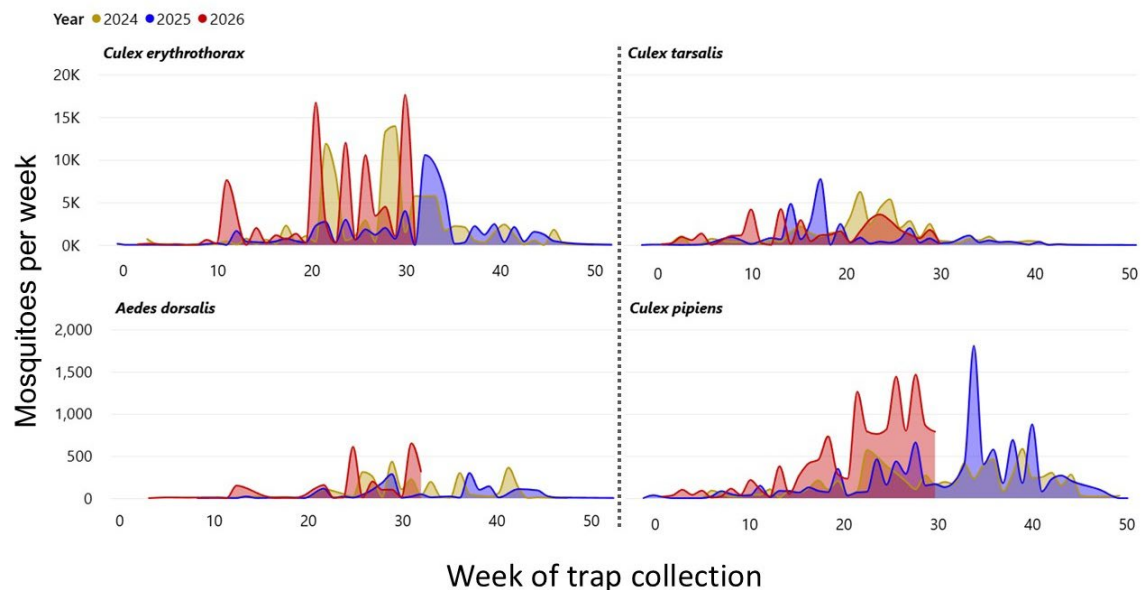


Figure 2. Weekly abundance of important mosquito species during 2024, 2025, and 2026.

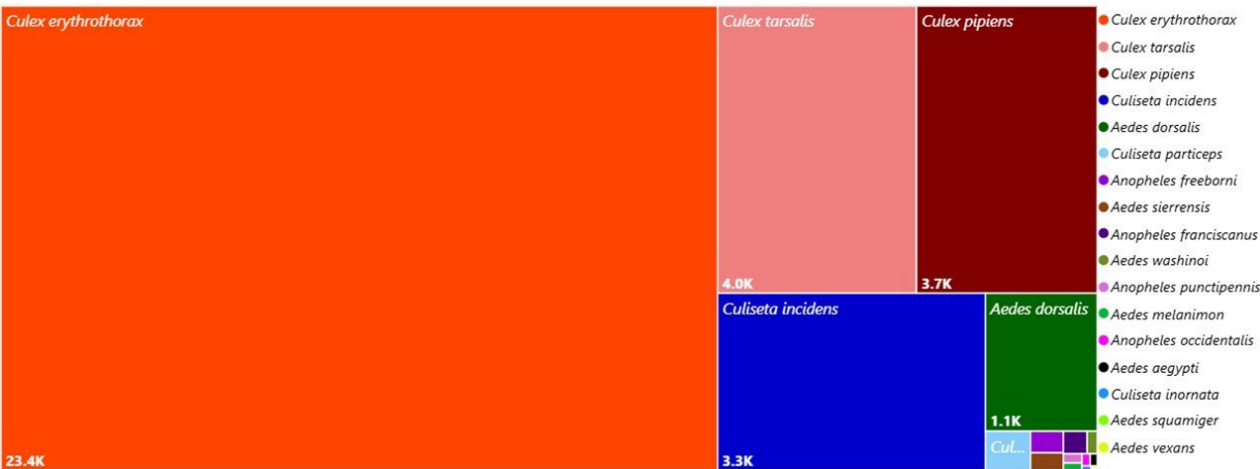


Figure 3. Species composition of adult female mosquitoes collected in CO₂-baited traps this month. Tile size reflects each species' relative abundance, and values indicate the number of individuals collected.

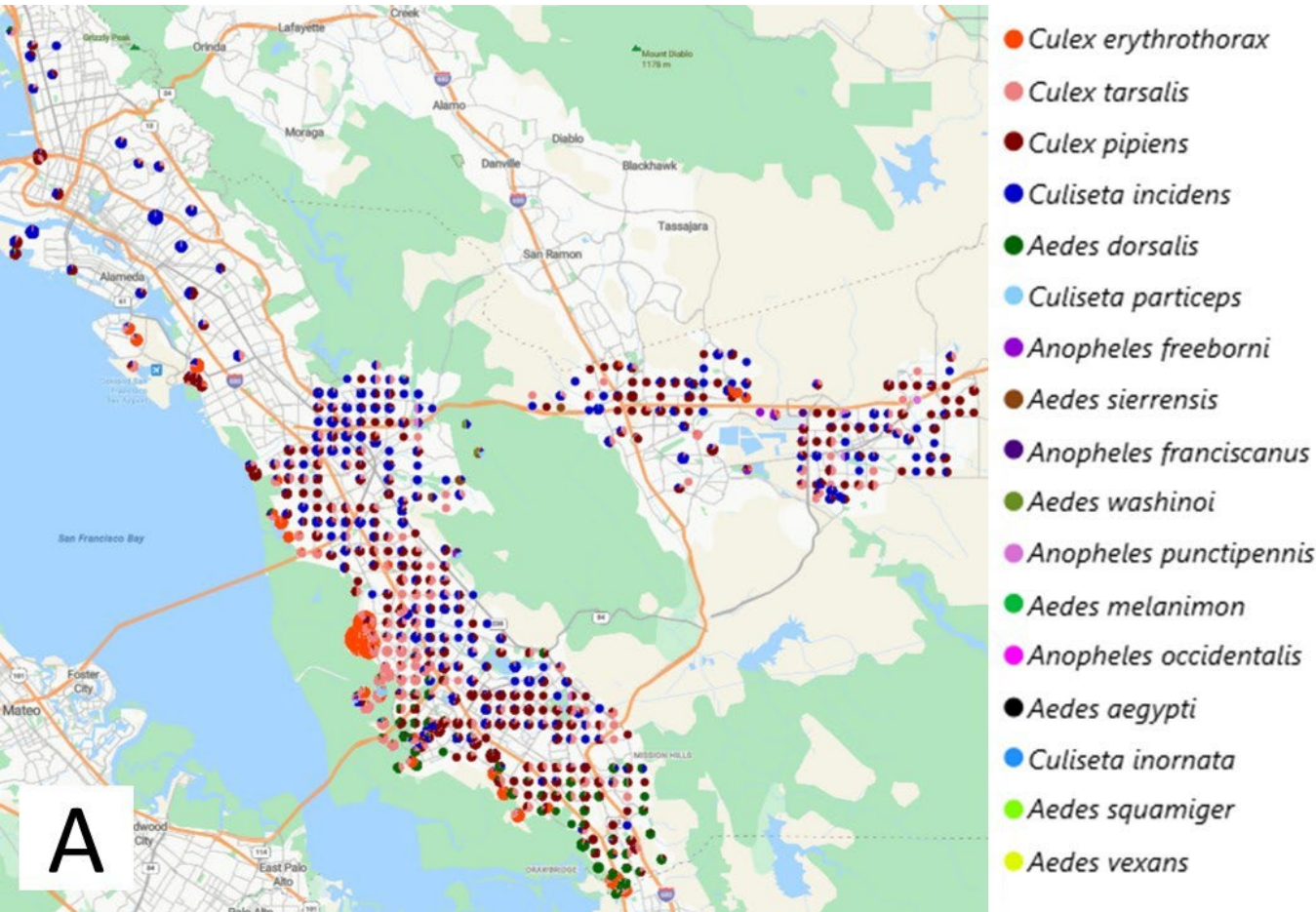


Figure 4. Mosquito species by trap site using CO₂ - baited traps. Pie charts show proportional species composition at each trap site, with pie size reflecting relative abundance.

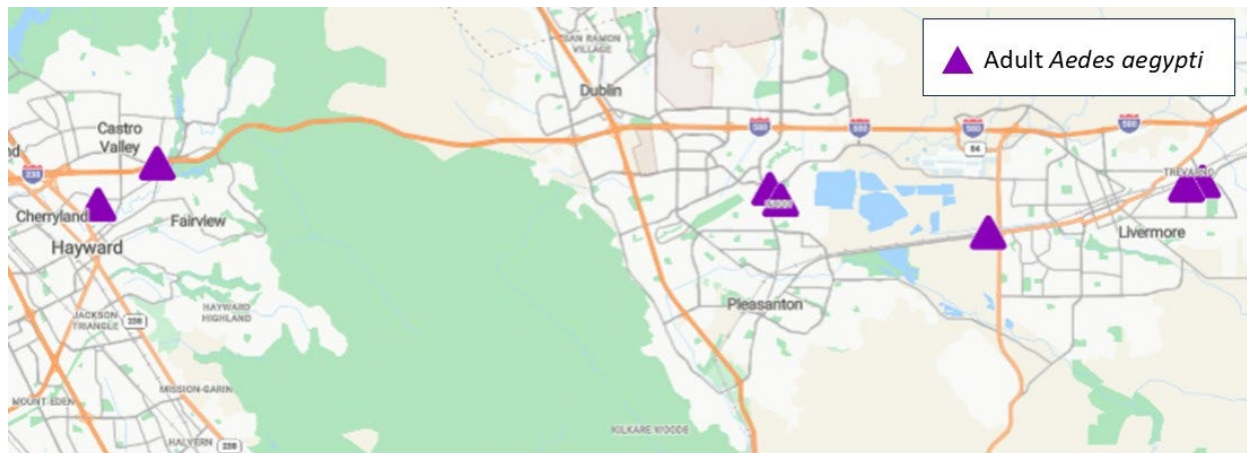
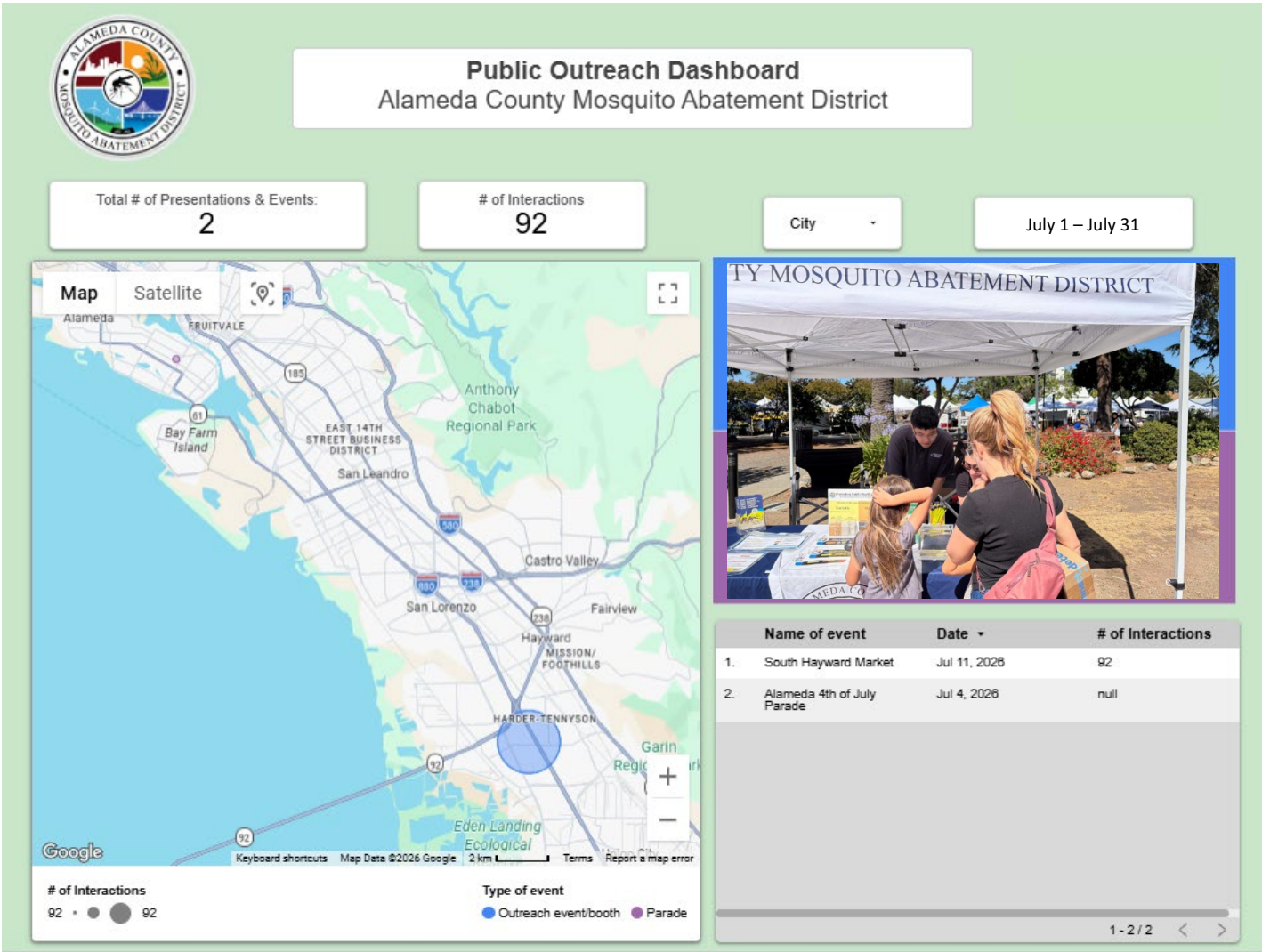


Figure 5. Adult *Aedes aegypti* detection map for 2026.

OUTREACH AND ENGAGEMENT

Events and Presentations



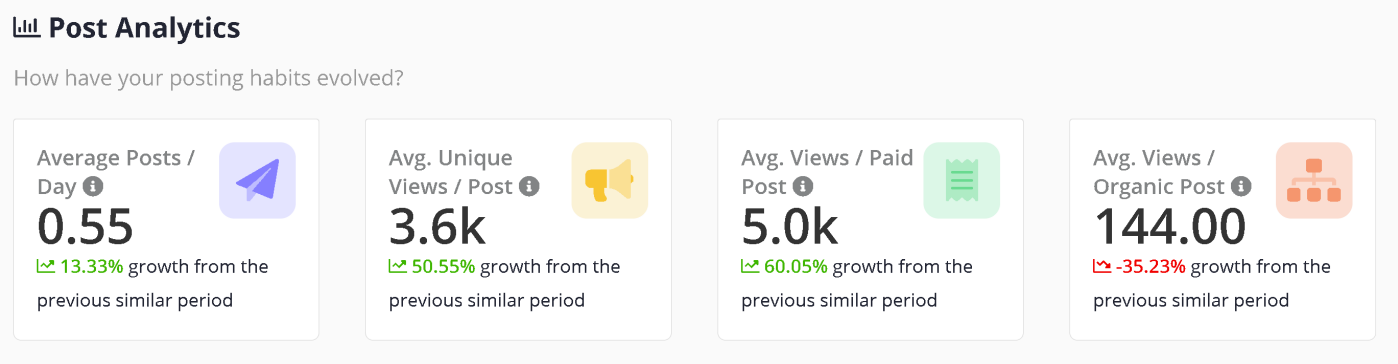
In addition to the 4th of July parade in Alameda and the South Hayward Market, ACMAD’s booth at the Alameda County Fair was displayed in the garden area of the fairgrounds until July 12th.

News Media

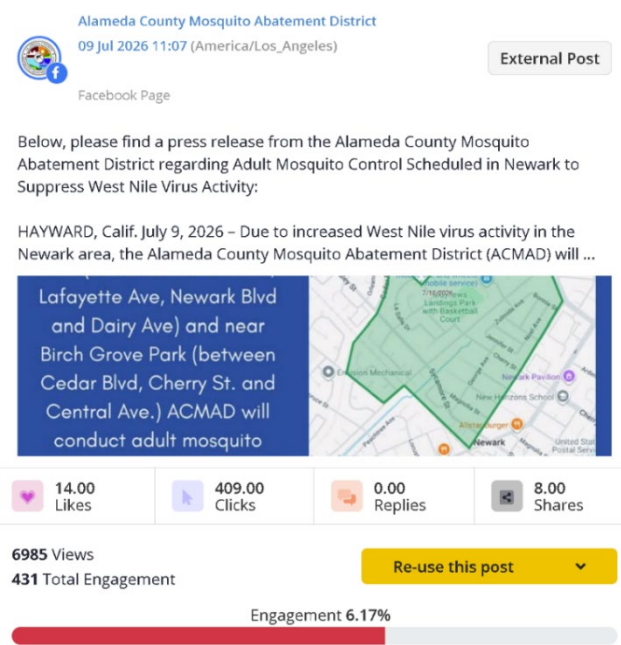
- News stories about the first Invasive *Aedes aegypti* detections in Castro Valley appeared in SF Gate and the Castro Valley Patch.
- The Mercury News mentioned ACMAD's adult mosquito control treatment for WNV in Newark in an article about the WNV-positive human cases in Santa Clara.
- ACMAD's *Wolbachia* program was mentioned in a Los Angeles Hoodline article about the San Gabriel Valley Mosquito & Vector Control District's sterile male release program.

Social Media

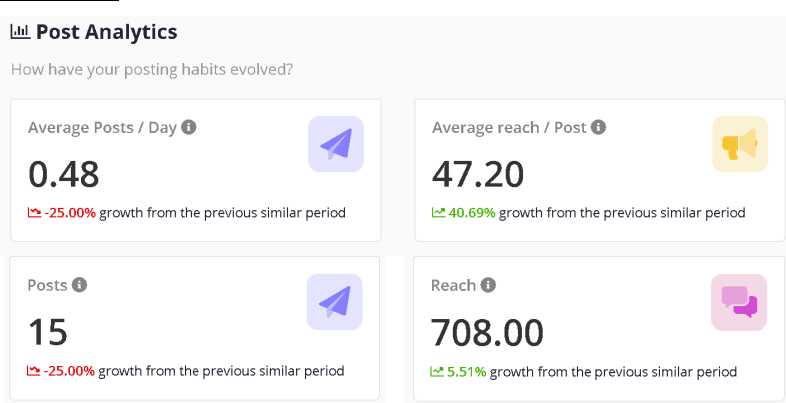
Facebook



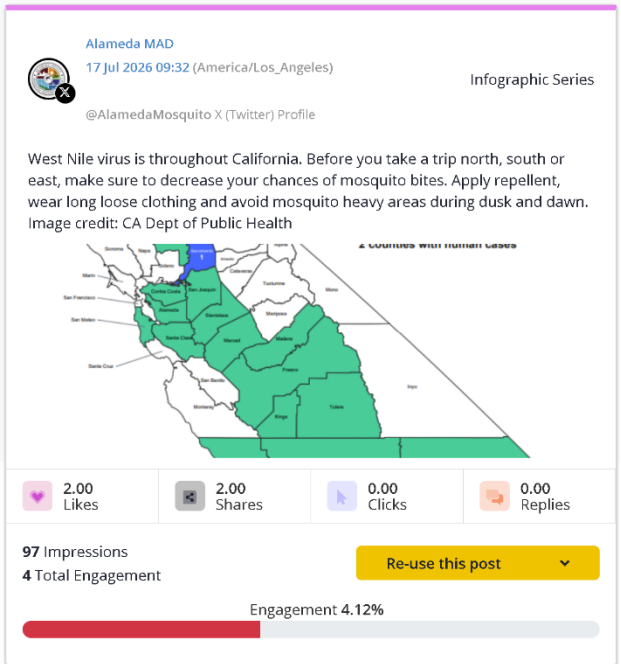
- Posts that are a part of ACMADs paid social media ad campaign (Facebook and Instagram) received the most views (average of 5K vs 144) during the month of July.
- The ACMAD post with the highest overall number of views and engagement during the month was the press release for the adult mosquito control application in Newark.
 - Shares from partner agencies in the Newark area increased the views, clicks, and engagement.
- ACMAD’s profile Like Count increased by 6 in July to a total of 627.



Twitter/X



- West Nile virus information was the most popular post on Twitter/X in July.
- ACMAD’s number of followers increased by one for a total of 825.



Instagram

Views ⓘ

2,655

Views

Followers 41.2%

Non-followers 58.8%

Viewers 1,166

By content type

All Followers Non-followers

Posts 99.4%

Reels 0.7%

Followers Non-followers

Profile ⓘ

35

Profile activity

Profile visits 34

External link taps 1

Followers ⓘ

494

Total followers

Most active times

M Tu W Th F Sa Su

12a 31

3a 45

6a 90

9a 113

12p 115

3p 108

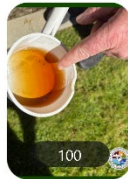
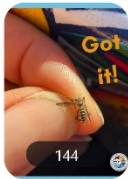
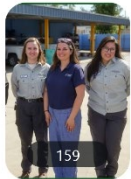
6p 95

9p 71

Followers

Top content based on views

See all

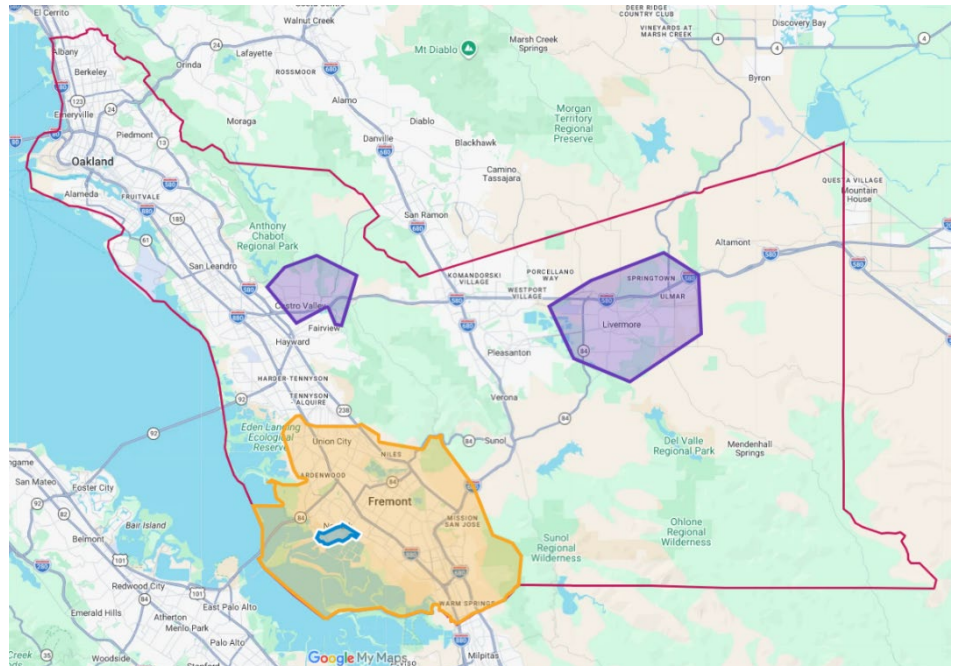


Nextdoor

Nextdoor is a tool ACMAD uses to share press releases and information specific to certain communities.

July Numbers:

- WNV information was posted in the orange and purple areas.
 - Views: 12,8910
 - Reactions: 11
 - Comments: 21
- Aedes aegypti information was posted in the purple areas.
 - Views: 6,242
 - Reactions: 15
 - Comments: 2
- Aedes dorsalis information was posted in the blue area.
 - Views: 164



Project Design Engagements¹

- Reviewed the design concepts for the UC Berkeley Richmond Field Station Initiative for Stewardship and Ecology project.
- Reviewed the schematic designs for the Atlan Trap, a new trash capture device applicant.

Interagency Collaborations²

- Worked with the City of Newark to increase awareness about the adult mosquito control operation on July 10th.
- Worked with apartment and mobile home managers in the Avalon Mobile Home Park/Management, Wishing Well Mobile Home Park, Valley Terrace Apartments, Chetwood Crest Mobile Homes Park, and Wagon Wheel Mobile Home Park to raise awareness about the *Aedes aegypti* detection and Wide Area Larvicide Spray treatment in Castro Valley.

¹ The following activities contribute to ACMAD's 2024-2026 Strategic Plan Goals to "Ensure projects that will help the shoreline be more resilient to climate change impacts include in the design and monitoring plan language that addresses the risks of mosquito production." (2025)

² The following activities contribute to ACMAD's 2024-2026 Strategic Plan Goals to "Establish new agency partnerships that should be leveraged to amplify our mission of mosquito control." (2025)