

AGENDA
1099th MEETING OF THE BOARD OF TRUSTEES
OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
MARCH 9TH, 2022

TIME: 5:00 P.M.
PLACE: Teleconference **only**, see below
TRUSTEES: Subru Bhat, President, City of Union City
Victor Aguilar, Vice-President, City of San Leandro
Cathy Roache, Secretary, County-at-Large
Tyler Savage, City of Alameda
Preston Jordan, City of Albany
P. Robert Beatty, City of Berkeley
Shawn Kumagai, City of Dublin
Courtney Welch, City of Emeryville
George Young, City of Fremont
Elisa Márquez, City of Hayward
Steven Cox, City of Livermore
Eric Hentschke, City of Newark
Jan O. Washburn, City of Oakland
Andrew Mingst, City of Piedmont
Julie Testa, City of Pleasanton

1. Call to order.
2. Roll call.
3. President Bhat 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 1098th Regular Meeting held January 12th, 2022 (**Board action required**).
5. Resolution 1099-1 nominating General Manager, Ryan Clausnitzer, as a candidate to the CSDA Board of Directors (**Board action required**)
6. Closed session – Conference with Labor Negotiators Pursuant to Government Code 54957.6. Under Negotiation – Terms and Conditions of Employment (**Possible Board Action**)
 - a. Agency-Designated representatives: Subru Bhat, Steve Cox, Preston Jordan, Elisa Marquez
 - b. Employee Organization: Alameda County Mosquito Abatement District's Employee Association.
7. Financial Reports as of February 28th, 2022: (Information only).
 - a. Check Register
 - b. Income Statement
 - c. Investments, reserves, and cash report
 - d. Balance Sheet
8. Presentation of the Monthly Staff Report (Information only).

9. Presentation of the Manager's Report (Information only).
 - a. Trustee Anniversary Recognitions
 - b. Pension stabilization fund presentation: full board or finance committee
 - c. Required trainings due: AB1825: Trustee Testa
 - d. MVCAC and AMCA conference updates
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.

IMPORANT NOTICE REGARDING COVID-19 AND TELECONFERENCED MEETINGS:

Based on the mandates by the Governor in Executive Order 33-20 and the County Public Health Officer to shelter in place and the guidance from the CDC, to minimize the spread of the coronavirus, please note the following changes to the District's ordinary meeting procedures:

- The District offices are not open to the public at this time.
- The meeting will be conducted via teleconference using Zoom. (See Executive Order 29-20)
- All members of the public seeking to observe and/or to address the local legislative body may participate in the meeting telephonically or otherwise electronically in the manner described below.

HOW TO OBSERVE THE MEETING:

Telephone: Listen to the meeting live by calling Zoom at **(669) 900-6833**

Enter the **Meeting ID#** 826 9637 7541 followed by the pound (#) key.

Computer: Watch the live streaming of the meeting from a computer by navigating to <https://us02web.zoom.us/j/82696377541>

Mobile: Log in through the Zoom mobile app on a smartphone and enter **Meeting ID#** 826 9637 7541

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

1098th MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

January 12th, 2022

TIME: 5:00 P.M.
PLACE: *Zoom Teleconference Only*
TRUSTEES: P. Robert Beatty, President, City of Berkeley
Subru Bhat, Vice-President, City of Union City
Victor Aguilar, Secretary, City of San Leandro
Cathy Roache, County-at-Large
Tyler Savage, City of Alameda
Preston Jordan, City of Albany
Shawn Kumagai, City of Dublin
Courtney Welch, City of Emeryville
George Young, City of Fremont
Elisa Márquez, City of Hayward
Steven Cox, City of Livermore
Eric Hentschke, City of Newark
Jan O. Washburn, City of Oakland
Andrew Mingst, City of Piedmont
Julie Testa, City of Pleasanton

1. Board President Beatty called the regularly scheduled board meeting to order at 5:01 P.M.
2. Trustees Beatty, Bhat, Aguilar, Roache, Savage, Jordan, Kumagai, Welch, Young, Márquez, Cox, Hentschke, and Washburn were present on the Zoom conference. Trustees Mingst and Welch arrived at 5:03, Trustee Testa arrived at 5:12 P.M.
3. Board President Beatty invited members of the public to speak on any issue relevant to the District. Former Trustee Wendi Poulson was present and expressed her appreciation and honor serving on the Board thanking staff and Trustees before exiting the meeting at 5:06. Information Technology Director Robert Ferdan was present for technical support. Vector Biologist Jeremy Sette was present to record the minutes and give the Operations Report. Lab Director Eric Haas-Stapleton was present to report on item # 11. No public comments were submitted.
4. Introduction of new Board Members from the cities of Alameda & Emeryville. The General Manager introduced new Board Members, Tyler Savage and Courtney Welch, representing Alameda and Emeryville, respectively. The new Trustees then introduced themselves.
5. Approval of the minutes of the 1097th meeting held December 8th, 2021. The General Manager noted a typo on the agenda regarding the incorrect month listed for the minutes.
Motion: Trustee Washburn moved to approve the minutes with correction.
Second: Trustee Jordan

Vote: motion carries: unanimous.

6. Resolution 1098-1 Authorizing Remote Teleconference Meetings of the Legislative Bodies of the Alameda County Mosquito Abatement District Pursuant to Brown Act Provisions.

Discussion:

President Beatty gave a background of the Resolution for the new Trustees.

Motion: Trustee Aguilar moved to approve Resolution 1098-1.

Second: Trustee Hentschke

Vote: motion carries: unanimous.

7. Election of Board Officers. Gavel transfer from President Beatty to the newly elected President.

Discussion:

The General Manager gave a background of the election process for new Trustees and reminded the Board of the current slate. The “virtual” gavel was “handed” over to incoming President Bhat. The General Manager thanked the outgoing President for his service and expressed it was an honor to work with him. The Board thanked President Beatty, as well.

Motion: Trustee Hentschke moved to elect Trustees Bhat, Aguilar and Roache as 2022 Board President, Vice-President and Secretary, respectively.

Second: Trustee Washburn

Vote: motion carries: unanimous.

8. Review of 2022 Board Meeting dates.

Discussion:

The General Manager presented the 2022 Board Meeting dates and recommended the Board cancel the February meeting, due to scheduling conflict with the MVCAC. President Bhat announced he was attending the conference along with most of ACMAD staff. Trustee Washburn exclaimed he would be attending the AMCA and the MVCAC. Trustee Hentschke asked since this resolution is only for 30 days, how can the Board meet remotely in March (a new resolution must be passed at the March meeting).

Motion: Trustee Jordan moved to approve the 2022 Board Meeting calendar, with the exception that the February meeting would be cancelled

Second: Trustee Marquez

Vote: motion carries: unanimous.

9. Review Finance Committee membership and appointing a Chair.

Discussion:

The General Manager gave a background of the Finance Committee membership and duties. President Bhat explained his experience serving for the Committee. Trustee Beatty encouraged new Board members to join the Finance Committee and President Bhat agreed. The General Manager explained the time commitment implications of the Committee.

Trustees Savage and Welch expressed their interest in joining. Trustee Jordan asked who chooses the Chair. Several members, including Washburn and Bhat, nominated Trustee Jordan. Trustee Jordan explained that he will be Mayor and because of the Mayor’s Conference occurring on the same day as the regular ACMAD meeting, there may be a future conflict if meetings return to in-person. Trustee Washburn and President Bhat expressed their appreciation of Trustee Jordan and encouraged him to continue serving, if possible. Trustee Jordan accepted the nomination for Chair, with the understanding that he will have to step down if meetings return to in-person.

Motion: Trustee Beatty moved to approve Trustee Jordan as Chair

Second: President Bhat

Vote: motion carries: unanimous.

10. Review of a quote and awarding of contract for the purchase of a 2022 Argo Frontier Amphibious All-Terrain Vehicle.

Discussion:

The General Manager explained that although it was not planned in this year's budget, the District must replace a damaged Argo using the Repair and Replace fund. Trustee Jordan asked why the list price is higher than the quoted price (will check with the mechanic on specifics but the higher price is likely caused by additional requirements over the base model) Trustee Jordan clarified that he was merely curious about the pricing. Vector Biologist Jeremy Sette explained additional uses of the argo by Operations staff and emphasized its importance in mosquito control and habitat access. Trustee Jordan shared the following link to the group chat at 5:28 P.M. <https://argoxtv.com/vehicles/frontier-700-8x8>. Trustee Cox asked why the District chooses an Argo over other ATVs (it is the preferred option).

Motion: Trustee Jordan moved to approve the contract for the purchase of a 2022 Argo Frontier Amphibious All-Terrain Vehicle

Second: Trustee Beatty

Vote: motion carries: unanimous.

11. Presentation on universal anti-mosquito saliva vaccine by Laboratory Director Dr. Eric Haas-Stapleton.

Discussion:

The General Manager introduced Laboratory Director Dr. Eric Haas-Stapleton who gave a presentation on universal anti-mosquito saliva vaccine and fielded the following discussion. Trustee Beatty provided supplemental information to the slide deck. President Bhat asked if there were any other current related studies and explained drug trials (no other current related studies). Trustee Beatty clarified that vaccine trials would be a different process than pharmaceuticals. Trustee Jordan asked for clarification regarding immune response (explained that a mosquito bite response would generally be localized). Trustee Beatty gave further explanation of the theoretical immune response. Trustee Hentschke added to the group chat at 5:56: "Most mosquito bites are harmless. But some mosquitoes carry pathogens, like bacteria and viruses, that can be deadly. Mosquito-related illnesses kill hundreds of thousands of people worldwide each year. When a mosquito bites you, compounds in its saliva interact with your body's initial immune response to help pathogens evade your body's disease defenses. Studies have shown that animals that have antibodies to mosquito saliva proteins have some protection against mosquito-borne diseases. Although there are vaccines being studied for individual mosquito-borne diseases-like malaria, West Nile virus, and dengue fever- a vaccine against mosquito saliva could provide broader protection against many diseases. From a NIH article." Trustee Jordan, Beatty and Haas-Stapleton discussed further details regarding immune responses. Trustee Jordan asked if the goal of the study was to help develop one vaccine that could help stop all mosquito-borne human infections (yes). Trustee Hentschke explained his group chat addition and referred the Board to it. President Bhat brought up malaria as being responsible for many human deaths each year and thanked Haas-Stapleton for his presentation. Haas-Stapleton thanked the Board for their attention, shared his contact information, and encouraged the Board to reach out to him with any questions.

12. ACMAD awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association.

Discussion:

The General Manager gave a background of the Certificate and gave credit to Accounting Associate Michelle Robles for her hard work. Trustee Jordan asked for clarification on the check register payment to Robles (the General Manager answered that the payment was for tuition reimbursement).

13. Financial Reports as of December 31st, 2021.

Discussion:

The General Manager presented the Financial Reports as of December 31st, 2021 and explained the check signing process for new Trustees.

14. Presentation of the Monthly Staff Report.

Discussion:

Trustee Beatty added in the group chat at 6:13 PM "Go Jeremy!!!" as Vector Biologist Jeremy Sette welcomed the new Trustees, introduced himself, and gave the Operations Report. Laboratory Director Eric Haas-Stapleton gave the Lab Report. The General Manager gave the rest of the Staff Report. Trustee Jordan asked about the mosquitofish article that would be addressed in item 15.

15. Presentation of the Manager's Report.

Discussion:

The General Manager presented the Manager's Report and fielded the following discussion. The General Manager congratulated Trustees Testa, Hentschke and Bhat on their Board anniversaries. Haas-Stapleton noted that he would be giving a talk at MVCAC on UAS use for mosquito control. President Bhat noted that mosquitofish were mentioned in the *New York Times*. Trustee Jordan asked, based on his knowledge of Tri-Valley mosquitofish population in canals, if mosquitofish were endemic to other natural sources in the county (they could be reasonably found in most natural sources and man-made canals due to a variety of factors). Trustee Cox asked if there could be a possibility in an increase of regulation regarding mosquitofish (The General Manager asked if Secretary Roache had any input regarding the question. Secretary Roache noted that Fish and Game may be the agency regulating. Trustee Washburn noted state and federal law regarding mosquitofish regulation). Trustee Jordan added to the group chat "Thank you all. I need to drop for the next meeting. Not a good look after I took up so much time asking questions. I apologize", and left the meeting at 6:40. Secretary Roache asked if the required training was annual or biannual (biannual). Trustee Marquez noted that she completed all of the required training and appreciated the online training option.

16. Board President Beatty asked for reports on conferences and seminars attended by Trustees. None.

17. Board President Beatty asked for announcements from the Board. None.

18. Board President Beatty asked trustees for items to be added to the agenda for the next Board meeting. None.

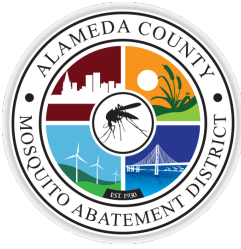
19. The meeting adjourned at 6:44 P.M.

Respectfully submitted,

Approved as written and/or corrected
at the 1099th meeting of the Board of
Trustees held March 9th, 2022

Subru Bhat, President
BOARD OF TRUSTEES

Cathy Roache, Secretary
BOARD OF TRUSTEES



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Board of Trustees

President

Subru Bhat

Union City

Vice-President

Victor Aguilar

San Leandro

Secretary

Cathy Roache

County at Large

Tyler Savage

Alameda

Preston Jordan

Albany

P. Robert Beatty

Berkeley

Shawn Kumagai

Dublin

George Young

Fremont

Courtney Welch

Emeryville

Elisa Márquez

Hayward

Steven Cox

Livermore

Jan O. Washburn

Oakland

Eric Hentschke

Newark

Andrew Mingst

Piedmont

Julie Testa

Pleasanton

Ryan Clausnitzer

General Manager

ACMAD RESOLUTION 1099-1

NOMINATION OF GENERAL MANAGER RYAN CLAUSNITZER FOR REELECTION TO THE BAY ARE REGION SEAT B ON THE CALIFORNIA SPECIAL DISTRICTS ASSOCIATION BOARD OF DIRECTORS

WHEREAS, The term for the CSDA Board of Directors Bay Area region seat B currently held by Ryan Clausnitzer expires soon, and

WHEREAS, The CSDA is calling for nominations for the 2022-2024 term, and

WHEREAS, Any independent special district regular member is eligible to nominate one person, a board member or managerial employee for election to the CSDA Board of Directors and must do so by board resolution or minute action; now, therefore be it

RESOLVED, That the Alameda County Mosquito Abatement District nominates Ryan Clausnitzer, ACMAD General Manager, as a candidate for the position of Bay Area, seat B on the California Special Districts Association Board of Directors.

Adopted at a regular meeting of the Alameda County Mosquito Abatement District Board of Trustees at Hayward, California this 9th day of March 2022.

Signed: _____

President, Board of Trustees

Attest: _____

Secretary, Board of Trustees

ACMAD Employee's Covid Response and Accomplishments 2019-2022

Erika Castillo

Employee Association President

March 9, 2022



1

Covid-19 Response

ACMAD

- Operated without pause
 - Continued all of our services
- No additional Covid leave
- No Covid pay bonuses
- No paid time off
- 100% vaccination rate

Other Public Agencies and Districts

- Staff continued to receive full pay even if they did not work or fulfill their normal jobs
- Earned compensatory time off for working during the Shelter-in-Place orders
- Essential worker pay bonuses
- Covid leave



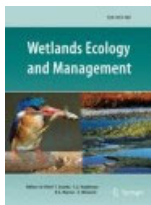
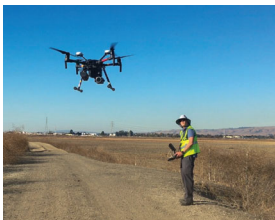
2

Leadership Roles



3

Notable Accomplishments



4

2019 – 2022: Summary of notable accomplishments by ACMAD staff

Overview

Full-service and accountable mosquito control staff that operated without pause throughout the COVID pandemic. Staff work in many ways that exceed their peers:

- Operations Staff (Ben, Erick, Jeremy, John, Joseph, Neil, Nick, Sarah and Tom) identify the larvae they collect to species and record the data, keeping them immediately accountable for their mosquito control efforts (typically a lab staff responsibility).
- Lab Staff (Dereje, Eric and Miguel) formally report far more work outcomes via scientific publications and conferences than counterparts in the region.
- Mechanic (Mark) serves as Facility Project Manager (often an Assistant Manager role).
- Accountant (Michelle) without having yet completed a college degree produced the financial analysis that resulted in a Government Finance Officers Association award.
- Regulatory staff (Erika) is the primary point person for mosquito control interests to the major groups that are restoring wetlands across the San Francisco Bay.
- Information Technologies staff (Robert) mentors districts across the nation (e.g. implementing MapVision software for recording mosquito control work).

Operations and Technologies

- Municipal Information Systems of California mentor and Security Committee advisor.
- Chair of Mosquito and Vector Control Association of California Information Technologies Committee, Laboratory Technologies Committee, and *ad hoc* Drone Committee.
- Six staff FAA-certified drone pilots and two certified to apply pesticide via drone.
- Instigated state-wide interest in high resolution image technology to detect unkept swimming pools that support mosquito reproduction.
- Implemented novel use of larvicide application equipment for controlling mosquitoes in a tidal salt marsh habitat (A1 Mister).
- Negotiated a nation-wide agreement to study the efficacy a new larvicide product (Sumilary).

Outreach

- Public Outreach (Judith) presented opposition discussion and data that quashed a City of Berkeley resolution to oppose EPA approval of genetically engineered mosquitoes for controlling invasive *Aedes* mosquitoes in the County. Impacts well beyond the County had the resolution passed.
- Cover story in *Wing Beats* on trash capture devices that hinder mosquito control efforts.
- Co-Chair of the American Mosquito Control Association Young Professionals Committee.

Regulatory

- Provides primary mosquito abatement representative for all wetland restoration projects in the SF Bay Area, which is crucial to limit the production of new sites were mosquitoes can reproduce.
 - Vice-Chair of Wetlands Regional Monitoring Program Steering Committee.
 - San Francisco Bay Joint Venture Management Board & San Francisco Bay Restoration Advisory Committee.
 - Coastal Representative for Mosquito and Vector Control Association of California Regulatory Affairs Committee.
- Leading the biological assessment for the Army Corps of Engineers permit that supports all San Francisco Bay Area mosquito control districts.
- California representative on the American Mosquito Control Association Endangered Species Sub-Committee.
- Initiated State-wide discussion of trash capture devices in storm water drains that motivated the California State Water Resources Control Board to follow guidance from MVCAC on approving or demanding revised designs that allow application of mosquito control products and monitoring.

Financial

- Prepared an Annual Comprehensive Financial Report that earned an award from the Government Finance Officers Association; only two other mosquito control districts have obtained this award, and they sought it because fraud was discovered.

Research, education and training

- Led 5 peer-reviewed publications in scientific journals (co-authors from UC San Francisco, UC Berkeley, Stanford, Rutgers, USDA, CZ Biohub, and 4 other mosquito control districts).
- 15 conference or invited seminar presentations at research conferences.
- Lead Guest Editor for Special Issue on Mosquito Control and Wetlands Management in *Wetlands Ecology and Management*.
- Mentored research internships of UC Berkeley Master of Public Health and Master of Public Administration students.
- Organized and Moderated the UAS Symposium at the 2022 Annual Conference of the Mosquito and Vector Control Association of California.
- Presented a Continuing Education seminar on 3D printing that was used by 271 participants to obtain Category A units for California Department of Public Health Vector Control Certification.
- Reviewer of grant proposals submitted to the Pacific Southwest Center of Excellence in Vector Borne Diseases.
- Guest Lecturer at UC Berkeley in Comparative Virology and Zoonotic Diseases courses.

Alameda County Mosquito Abatement Dist.
Check Register
 For the Period From Jan 1, 2022 to Jan 15, 2022

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Amount
2961	1/12/22	Airgas	692.09
2962	1/12/22	Argo Adventure	14.02
2963	1/12/22	CarQuest	138.63
2964	1/12/22	Cintas	839.94
2965	1/12/22	Coverall North America, Inc.	495.00
2966	1/12/22	Delta Dental	4,770.69
2967	1/12/22	Industrial Park Landscape Maintenance	226.00
2968	1/12/22	Mar-Len Supply, Inc.	197.69
2969	1/12/22	Mihaylo, Sky	4,860.00
2970	1/12/22	PFM Asset Management LLC	1,928.40
2971	1/12/22	PG&E	1,316.97
2972	1/12/22	Special District Leadership Foundation	50.00
2973	1/12/22	Techniclean	143.76
2974	1/12/22	The Hartford	214.38
2975	1/12/22	Treds	369.00
2976	1/12/22	U.S Bank Corporate Payment System	13,185.37
2977	1/12/22	Voya Institutional Trust Company	179.93
2978	1/12/22	VSP	693.24
2979	1/12/22	Waste Management of Alameda County	288.82
ACH	1/12/22	Alameda County Mosquito Abatement Dist (Payroll)	74,641.02
ACH	1/12/22	CalPERS Retirement	14,551.69
ACH	1/12/22	CalPERS 457	3,252.30
Total Expenditures - January 15, 2022			123,048.94

Alameda County Mosquito Abatement Dist.
Check Register
For the Period From Jan 16, 2022 to Jan 31, 2022

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Amount
2980	1/27/22	Airgas	368.36
2981	1/27/22	All Bay Electric	6,335.00
2982	1/27/22	AT&T	71.49
2983	1/27/22	Bay Alarm	567.87
2984	1/27/22	CarQuest	152.27
2985	1/27/22	Cintas	437.36
2986	1/27/22	Grainger	134.82
2987	1/27/22	Hentschke, Eric Armin	100.00
2988	1/27/22	KBA Docusys	528.97
2989	1/27/22	Mar-Len Supply, Inc.	288.90
2990	1/27/22	PC Professional	330.00
2991	1/27/22	Testa, Julie	100.00
2992	1/27/22	VCJPA	245.16
2993	1/27/22	Verizon	489.70
2994	1/27/22	Voya Institutional Trust Company	179.93
2995	1/27/22	VSP	693.24
2996	1/27/22	WEX Bank	3,150.44
2997	1/27/22	Young, George	100.00
ACH	1/27/22	Alameda County Mosquito Abatement Dist (Payroll)	81,331.59
ACH	1/27/22	Aguilar, Victor	100.00
ACH	1/27/22	Beatty, Robert .P	100.00
ACH	1/27/22	Bhat, Subrahmanya Y	100.00
ACH	1/27/22	CalPERS Health	39,473.35
ACH	1/27/22	CalPERS Retirement	15,152.96
ACH	1/27/22	CalPERS 457	3,272.37
ACH	1/27/22	Cox, Steven	100.00
ACH	1/27/22	Jordan, Preston	100.00
ACH	1/27/22	Kumagai, Shawn	100.00
ACH	1/27/22	Marquez, Elisa	100.00
ACH	1/27/22	Mingst, Andrew	100.00
ACH	1/27/22	Roache, Cathy J Pinkerton.	100.00
ACH	1/27/22	Savage, Tyler	100.00
ACH	1/27/22	Washburn, Jan	100.00
ACH	1/27/22	Welch, Courtney	100.00
Total Expenditures - January 31, 2022			154,703.78

Alameda County Mosquito Abatement Dist.
Check Register
 For the Period From Feb 1, 2022 to Feb 15, 2022

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Amount
2998	2/14/22	Airgas	239.46
2999	2/14/22	Argo Adventure	2,559.65
3000	2/14/22	Cintas	201.29
3001	2/14/22	Coverall North America, Inc.	495.00
3002	2/14/22	Delta Dental	4,679.81
3003	2/14/22	Hayward Water System	559.43
3004	2/14/22	Industrial Park Landscape Maintenance	226.00
3005	2/14/22	Mar-Len Supply, Inc.	125.00
3006	2/14/22	PFM Asset Management LLC	2,032.18
3007	2/14/22	PG&E	1,261.07
3008	2/14/22	SCI Consulting Group	13,968.24
3009	2/14/22	Techniclean	102.65
3010	2/14/22	The Hartford	107.19
3011	2/14/22	Treds	120.00
3012	2/14/22	U.S Bank Corporate Payment System	8,622.44
3013	2/14/22	Voya Institutional Trust Company	179.93
3014	2/14/22	Waste Management of Alameda County	577.64
ACH	2/14/22	Alameda County Mosquito Abatement Dist (Payroll)	78,459.86
ACH	2/14/22	Bhat, Subrahmanya Y	100.00
ACH	2/14/22	CalPERS Retirement	15,152.96
ACH	2/14/22	CalPERS 457	3,272.37
ACH	2/14/22	Cox, Steven	100.00
ACH	2/14/22	Jordan, Preston	100.00
ACH	2/14/22	Marquez, Elisa	100.00
ACH	2/14/22	Bhat, Subrahmanya Y	1,023.20
Total Expenditures - February 15, 2022			134,365.37

Alameda County Mosquito Abatement Dist.

Check Register

For the Period From Feb 16, 2022 to Feb 28, 2022

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Amount
3015	2/25/22	Airgas	683.39
3016	2/25/22	Alco Sheet Metal and Heating, Inc.	485.00
3017	2/25/22	All Bay Electric	3,385.00
3018	2/25/22	Argo Adventure	320.13
3019	2/25/22	AT&T	46.74
3020	2/25/22	Bay Alarm	292.71
3021	2/25/22	Busam, John	230.78
3022	2/25/22	Campbell, Cornelius	66.71
3023	2/25/22	Castillo, Erika	102.94
3024	2/25/22	Cintas	2,145.54
3025	2/25/22	Demsey, Filliger,& Associates, Inc.	1,000.00
3026	2/25/22	Engravit	121.28
3027	2/25/22	Ferdan, Robert	79.44
3028	2/25/22	F.H Dailey Chevrolet	63.83
3029	2/25/22	Lawton, Sarah	256.77
3030	2/25/22	NBC Supply Corp	444.77
3031	2/25/22	PG&E	598.90
3032	2/25/22	Robles, Michelle	350.00
3033	2/25/22	Sette, Jeremy	188.91
3034	2/25/22	Verizon	542.84
3035	2/25/22	Voya Institutional Trust Company	179.93
3036	2/25/22	VSP	693.24
3037	2/25/22	Washburn, Jan	730.05
3038	2/25/22	WEX Bank	4,205.22
3039	2/25/22	Wieland, Mark	57.33
ACH	2/25/22	Alameda County Mosquito Abatement Dist (Payroll)	81,717.66
ACH	2/25/22	CalPERS Health	39,216.29
ACH	2/25/22	CalPERS Retirement	15,213.75
ACH	2/25/22	CalPERS 457	3,274.40
Total Expenditures - February 28, 2022			156,693.55

Alameda County Mosquito Abatement District
Income Statement
February 28, 2022. (8 of 12 mth, 67%)

REVENUES	Actual 2019/20	Actual 2020/21	Current Month	Year to Date 2021/22	Budget 2021/22	Actual vs Budget
Total Revenue	\$ 4,986,220.87	\$ 5,150,753.15	\$ 190,422.70	\$ 3,231,663.41	\$ 4,765,864.00	68%

EXPENDITURES	Actual 2019/20	Actual 2020/21 ¹	Current Month ²	Year to Date 2021/22	Budget 2021/22	Actual vs Budget
Salaries	\$ 1,970,928.74	\$ 2,029,103.97	\$ 177,289.15	\$ 1,401,083.02	\$2,236,282	63%
CalPERS Retirement	\$ 378,832.61	\$ 423,110.21	\$ 17,803.73	\$ 399,600.59	\$473,950	84%
Medicare & Social Security	\$ 29,651.04	\$ 27,866.82	\$ 2,357.98	\$ 19,822.61	\$33,062	60%
Fringe Benefits	\$ 465,466.14	\$ 502,898.39	\$ 40,107.60	\$ 347,736.66	\$579,596	60%
Total Salaries, Retirement, & Benefits	\$ 2,844,878.53	\$ 2,982,979.39	\$237,558	\$2,168,243	\$3,322,890	65%
Clothing and personal supplies (purchased)	\$ 6,213.94	\$ 4,859.20	\$ 1,899.36	\$ 4,701.85	\$10,000	47%
Laundry service and supplies (rented)	\$ 10,648.44	\$ 9,124.98	\$ 805.71	\$ 6,411.05	\$15,000	43%
Utilities	\$ 25,962.21	\$ 15,421.56	\$ 2,997.04	\$ 8,911.17	\$17,000	52%
Communications-IT	\$ 80,735.47	\$ 71,771.02	\$ 2,452.14	\$ 35,373.05	\$112,400	31%
Maintenance: structures & improvements	\$ 16,678.86	\$ 20,261.51	\$ 4,621.00	\$ 19,329.64	\$35,000	55%
Maintenance of equipment	\$ 20,599.88	\$ 22,290.34	\$ 3,232.07	\$ 10,921.05	\$35,000	31%
Transportation, travel, training, & board	\$ 95,813.55	\$ 74,653.03	\$ 9,311.17	\$ 67,837.25	\$127,630	53%
Professional services	\$ 111,224.89	\$ 91,622.03	\$ 17,000.42	\$ 78,576.18	\$203,450	39%
Memberships, dues, & subscriptions	\$ 26,316.50	\$ 22,906.45	\$ -	\$ 19,002.00	\$24,000	79%
Insurance - (VCJPA, UAS)	\$ 134,833.60	\$ 141,650.37	\$ -	\$ 160,442.32	\$150,611	107%
Community education	\$ 23,283.51	\$ 26,317.23	\$ 579.20	\$ 2,382.03	\$39,500	6%
Operations	\$ 179,304.00	\$ 223,362.22	\$ (320.10)	\$ 63,164.80	\$239,000	26%
Household expenses	\$ 14,817.21	\$ 15,882.05	\$ 890.36	\$ 9,014.71	\$17,350	52%
Office expenses	\$ 13,760.57	\$ 9,747.67	\$ 215.40	\$ 3,643.51	\$12,000	30%
Laboratory supplies	\$ 100,794.23	\$ 64,135.55	\$ 3,230.03	\$ 47,882.74	\$144,000	33%
Small tools and instruments	\$ 2,055.54	\$ 2,189.34	\$ 44.24	\$ 1,088.90	\$3,000	36%
Total Staff Budget	\$ 863,042.40	\$ 816,194.55	\$ 46,958.04	\$ 538,682.25	\$1,184,941	45%
Total Operating Expenditures	\$ 3,707,920.93	\$ 3,799,173.94	\$ 284,516.50	\$ 2,706,925.13	\$4,507,831	60%

1 - As of June 30, 2021.

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

**Alameda County Mosquito Abatement District
Investment, Reserves, and Cash Balance Report
February 28, 2022. (8 of 12 mth, 67%)**

Account #	Investment Accounts	Beginning Balance	Deposits	Withdrawals	Interest Activity	Ending Balance
1004	LAIF	\$ 1,427,778.59	\$ -	\$ (134,000.00)	\$ -	\$ 1,293,778.59
1005	OPEB Fund	\$ 5,111,205.97	\$ -	\$ -	\$ (117,571.37)	\$ 4,993,634.60
1006	VCJPA Member Contingency ¹	\$ 371,021.00	\$ -	\$ -	\$ -	\$ 371,021.00
1008	CAMP: Repair and Replace	\$ 1,355,673.12	\$ -	\$ -	\$ 64.17	\$ 1,355,737.29
1009	CAMP: Public Health Emergency	\$ 526,378.50	\$ -	\$ -	\$ 24.92	\$ 526,403.42
1010	CAMP: Operating Reserve	\$ 1,944,913.34	\$ -	\$ -	\$ 92.06	\$ 1,945,005.40
1011	CAMP: Capital Reserve Fund	\$ 30,006.18	\$ -	\$ -	\$ 1.42	\$ 30,007.60
1012	PARS: Pension Stabilization ²	\$ 1,868,569.30	\$ -	\$ -	\$ (50,081.31)	\$ 1,818,487.99
Total		\$ 12,635,546.00	\$ -	\$ (134,000.00)	\$ (167,470.11)	\$ 12,334,075.89

Account #	Cash Accounts	Beginning Balance	Withdrawals	Activity	Ending Balance
1001	Bank of America (Payroll Account) *	\$ 95,848.79	-	-	\$ 90,710.18
1002	Bank of The West (Transfer Account) *	\$ 305,867.57	-	-	\$ 356,414.24
1003	County Account ³	\$ 3,260,140.99	\$ (3,121,027.08)	\$ 151,932.70	\$ 291,046.61
1013	Petty Cash	\$ 276.06	\$ -	\$ 176.97	\$ 453.03
Total		\$ 3,662,133.41	\$ (3,121,027.08)	\$ 152,109.67	\$ 738,624.06

1 - VCJPA Member Contingency balance is as of December 31, 2021.

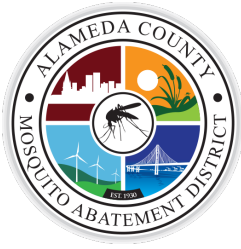
2- PARS - Pension Stabilization balance is as of January 31, 2022.

3 - \$3,121,027.08 transferred from County Fund to Bank of the West. Deposit in transit to LAIF amount differs in IRC from amount in balance sheet due to February 28th batch expenditures.

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

Alameda County Mosquito Abatement
Balance Sheet Comparison
February

ASSETS	2/28/2022	2/28/2021	2/29/2020
Current Assets			
Bank of America payroll	91,386.20	105,962.97	109,644.44
Bank of the West	439,170.46	315,662.84	390,687.52
County	291,046.61	306,592.33	279,563.52
Cash with LAIF	1,293,778.59	3,309,655.96	1,531,048.79
VCJPA- Member Contingency	371,021.00	376,428.00	359,799.00
CAMP - Repair and Replace	1,355,737.29	1,040,773.48	1,295,857.08
CAMP - Public Health Emergency	526,403.42	526,113.67	523,804.00
CAMP - Operating Reserve	1,945,005.40	1,943,934.78	1,935,400.79
CAMP - Capital Reserve Fund	30,007.60	59,095.18	151,352.69
PARS	1,818,487.99	1,786,137.17	1,612,853.82
Deposit in transit	2,964,000.00	-	-
Petty cash	453.03	405.78	308.73
Total Current Assets	11,126,497.59	9,770,762.16	8,190,320.38
Property and Equipment			
Acc Dep - equipment	(1,479,068.00)	(1,479,068.00)	(1,285,829.43)
Acc Dep - stru & improv	(2,485,267.00)	(2,485,267.00)	(2,349,631.01)
Construction in progress	-	-	602,327.16
Equipment	1,751,859.00	1,751,859.00	1,699,506.64
Structure/improvement	4,799,729.70	4,760,618.00	4,638,621.62
Land	61,406.00	61,406.00	61,406.00
Total Property and Equipment	2,648,659.70	2,609,548.00	3,366,400.98
Other Assets			
Net OPEB Asset	2,522,763.00	1,823,556.00	690,338.00
Total Other Assets	2,522,763.00	1,823,556.00	690,338.00
Total Assets	\$ 16,297,920.29	\$ 14,203,866.16	\$ 12,247,059.36
LIABILITIES AND CAPITAL			
Current Liabilities			
Accounts payable	\$ 104,526.08	\$ 127,513.88	\$ 166,731.14
Acc payroll/vacation	208,228.89	200,290.26	187,668.43
Def inflow - 75	1,254,695.00	931,786.00	49,810.00
Def inflow pen defer GASB 68	289,664.00	289,664.00	192,480.00
Defer outflow pen cont GASB 68	(1,056,534.00)	(1,056,534.00)	(1,208,279.00)
Net pension liability GASB 68	3,277,554.00	3,277,554.00	2,952,714.00
Total Current Liabilities	\$ 4,078,133.97	\$ 3,770,274.14	\$ 2,341,124.57
Total Liabilities	4,078,133.97	3,770,274.14	2,341,124.57
Capital			
Designated fund balances	4,816,355.25	4,440,057.25	4,763,137.19
Investment in general fixed as	6,894,403.96	5,296,151.61	4,637,374.11
Net Income	509,027.11	697,383.16	505,423.49
Total Capital	12,219,786.32	10,433,592.02	9,905,934.79
Total Liabilities & Capital	\$ 16,297,920.29	\$ 14,203,866.16	\$ 12,247,059.36



MONTHLY STAFF REPORT –1099

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1. OPERATIONS REPORT

In January and February, Alameda County experienced a combination of very little measurable rainfall and spring-like conditions. The lack of rain resulted in many standing water sources after the December rains to dry down. With no more eggs being inundated by rain and water rise, no new larvae of *Aedes squamiger*, *Aedes washinoi*, or *Aedes sierrensis* were detected by operations staff. This allowed operations staff to focus on finalizing treatments in many sources for larvae of these species that had hatched previously. Many sources were found to have new hatches of *Culiseta inornata*, the fourth of our typical fall/winter mosquito species. This species deposits its eggs on the water surface, so even as sources dry down, new generations of larvae continue to hatch.

Adult mosquito traps placed in the field by the ACMAD lab alerted operations to two developments. The first was collections of adult female *Culex tarsalis*. This species is typical in the spring and summer months in our county that tend to sequester out of the environment during the colder, rainy months. Once these females come out, they rapidly deposit eggs on the water surfaces of many different fresh-water sources. By mid-February, larvae of this species were being collected and treated by operations staff. Early and comprehensive control of this mosquito is of paramount importance to operations as it is an important potential vector of West Nile virus. Early control of its larvae helps prevent large numbers of new females from emerging and disseminating out into the environment.

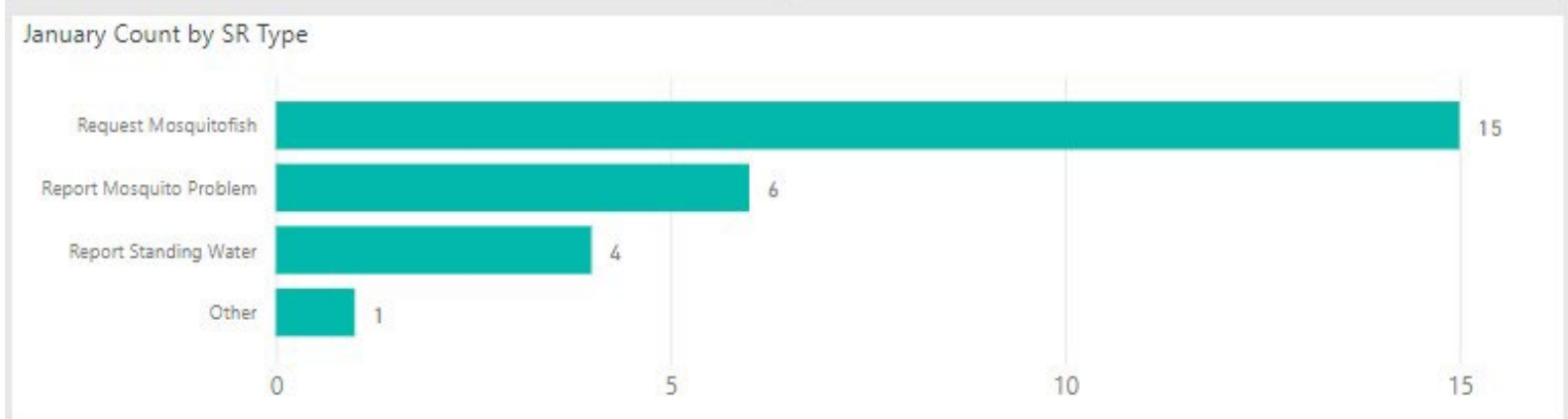
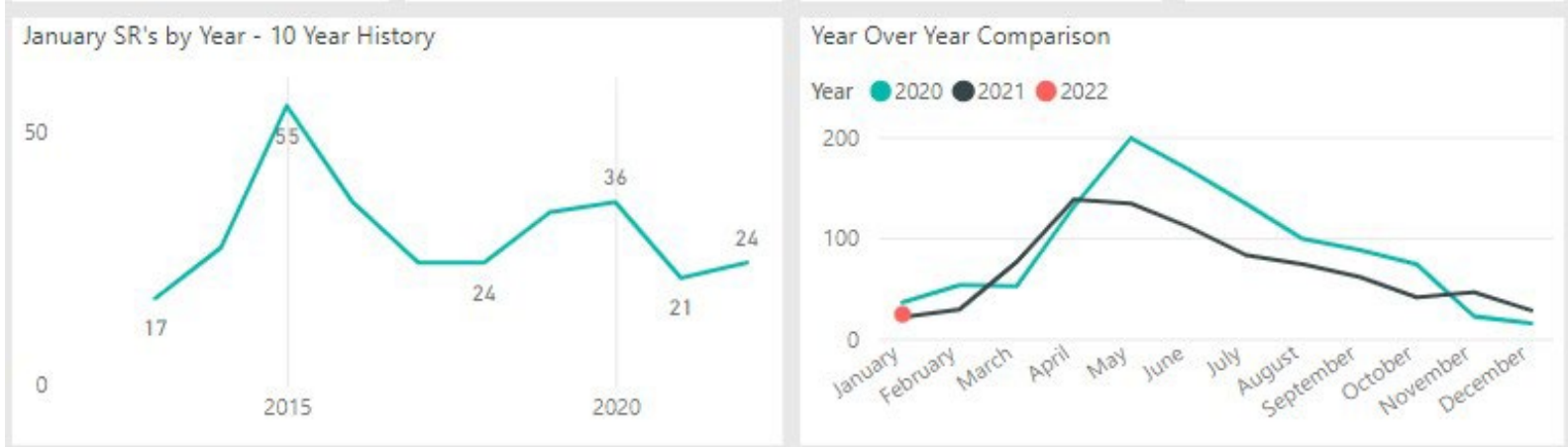
The second development detected by lab trapping was the collection of new adults of *Ae. washinoi*. In most years, this species does not emerge until mid to late March. Based on the above developments, Alameda County is currently experiencing both an early emergence of at least some of our fall/winter *Aedes spp.*, and the early arrival of some of our spring/summer mosquito species. Operations staff will closely monitor sources for both compliments of species over the next few months.

The “spring-like” conditions of January and February also had some impact on the requests for service received by ACMAD from the public. Several “report a mosquito problem” requests ended up being attributable to non-biting “mosquito-like” insects such as midges and gnats. Again, this is something we expect to see more in the spring and summer. Service request numbers for January and February came in right around the ten-year average for those respective months. Fifty plus percent of the requests in both months were requests for mosquito fish for ornamental ponds, unmaintained swimming pools, and for livestock watering troughs. If the weather patterns of the last two months persist in the upcoming months, we will expect to see a continued rise in requests for service as the public gets out more into the environment and pay more attention to their yards and the insects coming out for spring. ACMAD operations will continue to inspect sources county-wide and remain ready for the potential of more rainfall that could hatch more of our winter *Aedes spp.*, as well as gearing up for our full complement of spring/summer mosquito species.

Field Operations Supervisor
Joseph Huston

Service Requests (January)

January SR Count	January 10 Year Min Count	January 10 Year Max Count	January 10 Year Average
24	17	55	29.80



Service Requests (February)

February SR Count

57

February 10 Year Min Count

29

February 10 Year Max Count

151

February 10 Year Average

56.30

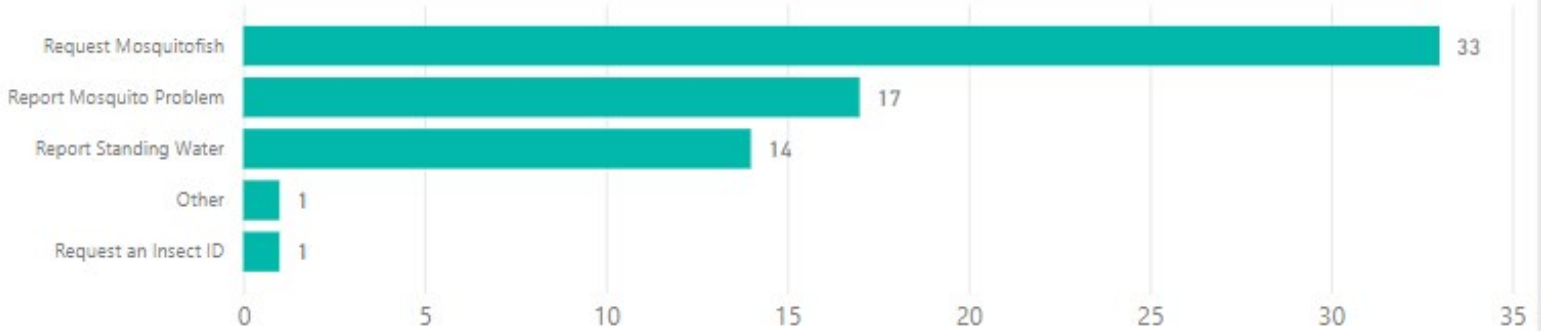
February SR's by Year - 10 Year History



Year Over Year Comparison



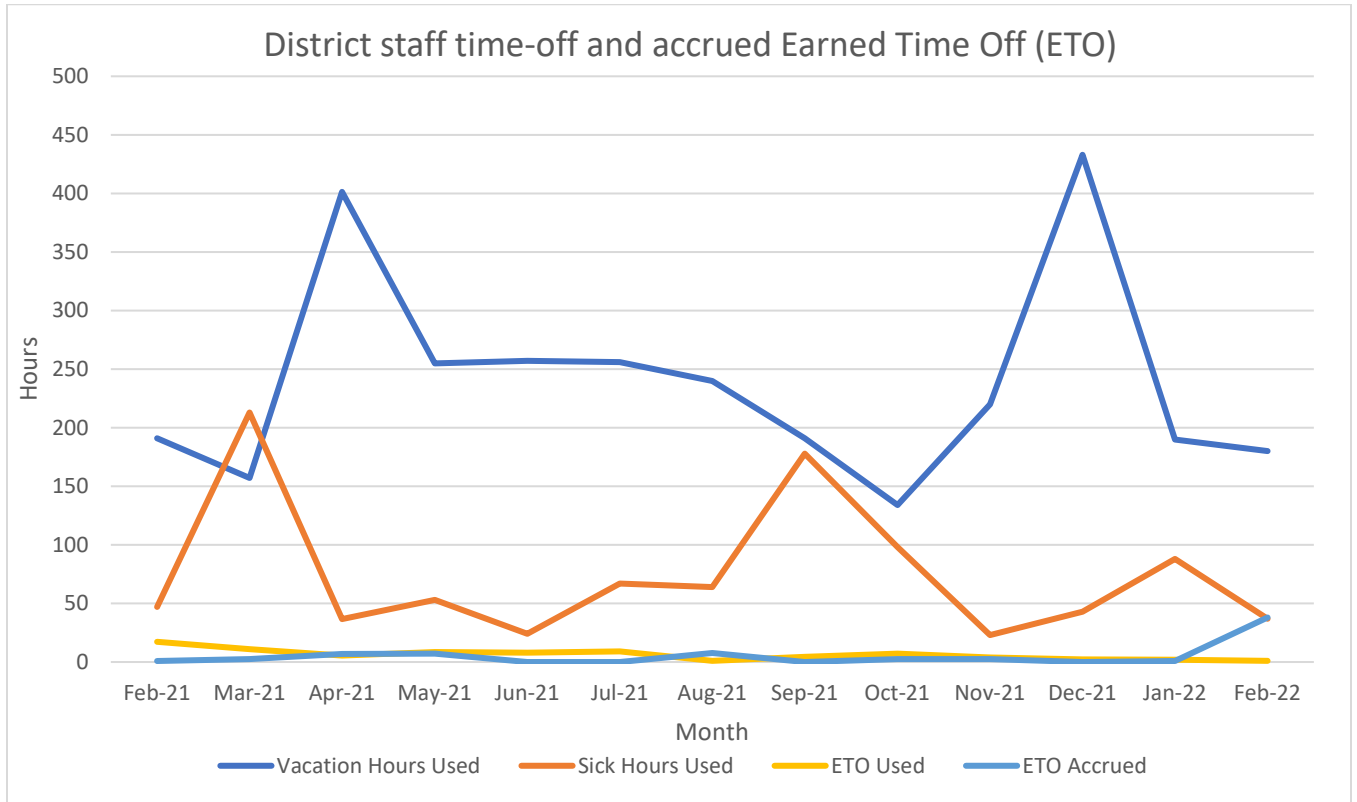
February Count by SR Type



February SR's by City

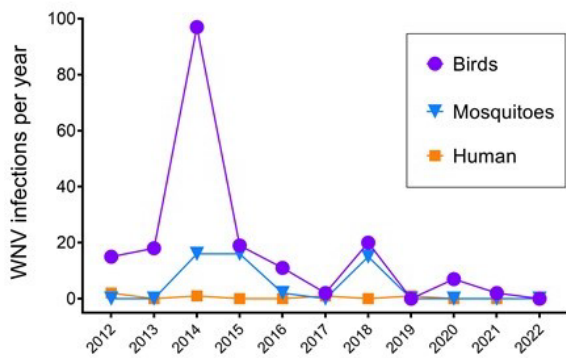


Activity Report

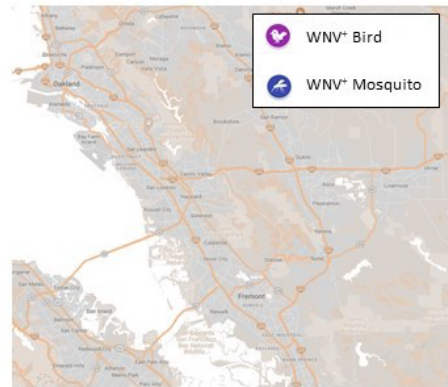


WNV Activity

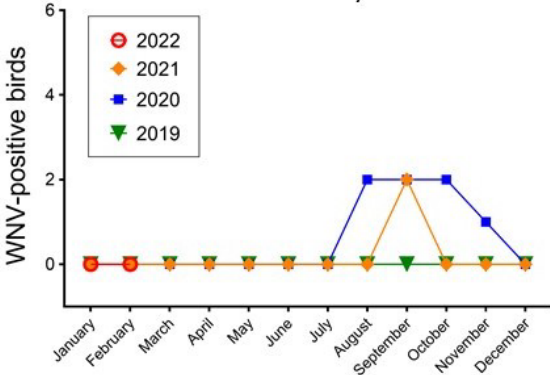
WNV infections detected in Alameda County 2011 – 2022



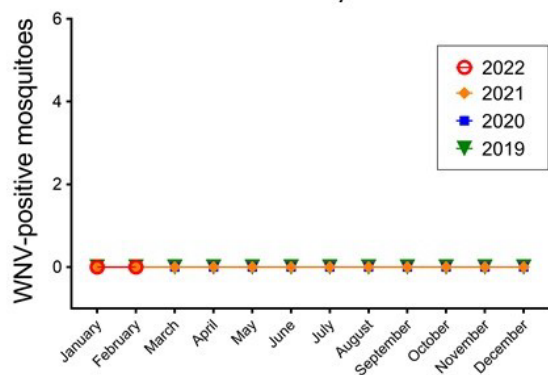
Locations of WNV-infected mosquitoes and birds collected in Alameda County during 2022



WNV-infected birds collected in Alameda County



WNV-infected mosquitoes collected in Alameda County



2. LAB

Summary

- *Arboviruses*. West Nile virus (WNV) was not detected in birds during January and February 2022. Saint Louis encephalitis virus (SLEV) and Western equine encephalitis virus (WEEV) has not been detected in Alameda County during the prior 5 years.
- *Native mosquitoes*. Nearly 450 CO₂-baited encephalitis virus survey (EVS) traps were placed during January and February, catching over 3,000 adult female mosquitoes (6.8 mosquitos per trap night). A low number of *Culex restuans* and *Aedes vexans* were observed. Three New Jersey Light Traps (NJLT) captured nearly 50 adult mosquitoes during the same period. The sentinel chicken flocks will be returned to service during mid-spring.
- *Invasive mosquitoes*. Invasive *Aedes* mosquitoes were not detected in Alameda County during 2022.

Arbovirus Monitoring

- WNV was not detected in birds or mosquitoes during January or February. WNV was last detected in birds collected in Alameda County during October 2021.
- WNV was last detected in mosquitoes during 2018. Although the lab tests all groups of mosquitoes for the presence of SLEV and WEEV, neither have not been detected in the County for over a decade.
- Chicken flocks will be returned to service during late spring of the year.

Native Mosquito Abundance

- Although the weather was somewhat cold and rainy, lab staff placed 447 CO₂-baited EVS traps during January and February; 65 EVS traps did not collect mosquitoes (Figure 1A; 3,022 mosquitoes were collected for 6.8 mosquitos per trap night). Highest abundance was in the areas south of Oakland Airport where *Culex tarsalis* predominated (Figure 1B) and Coyote Hills Regional Park where *Culiseta inornata* was most common (Figure 1A). Although abundance was relatively low in the eastern region of the county, the WNV vector species *Cx. tarsalis* and *Culex pipiens* were the most abundant (Figure 1C). Like 2021, *Culex restuans* and *Aedes vexans* were detected in Livermore (Figure 1C), although sooner in the year than was expected. The two most abundant species in the county for these two months were *Cx. tarsalis* and *Culiseta inornata*, followed by *Culex erythrothorax* (Figure 2).
- The three NJLT in service that are located in the southern region of the county collected a total of 49 mosquitoes, with *Cs. inornata* and *Aedes washioni* being most common (Figure 3).

Additional Lab Activities

- At the 2022 Annual Meeting of the Mosquito and Vector Control Association of California, the lab gave an oral presentation entitled “A panoply of drone uses for mosquito control” and supported another presentation by Mark Wieland that was titled “Mr. Mister: Rockin’ the *Aedes* of San Francisco Bay salt marshes”. The lab also presented a poster titled “Evaluating 3 kits to isolate RNA for arbovirus testing” that included co-authors from UC Davis and Sac-Yolo Mosquito and Vector Control District.

LAB FIGURES

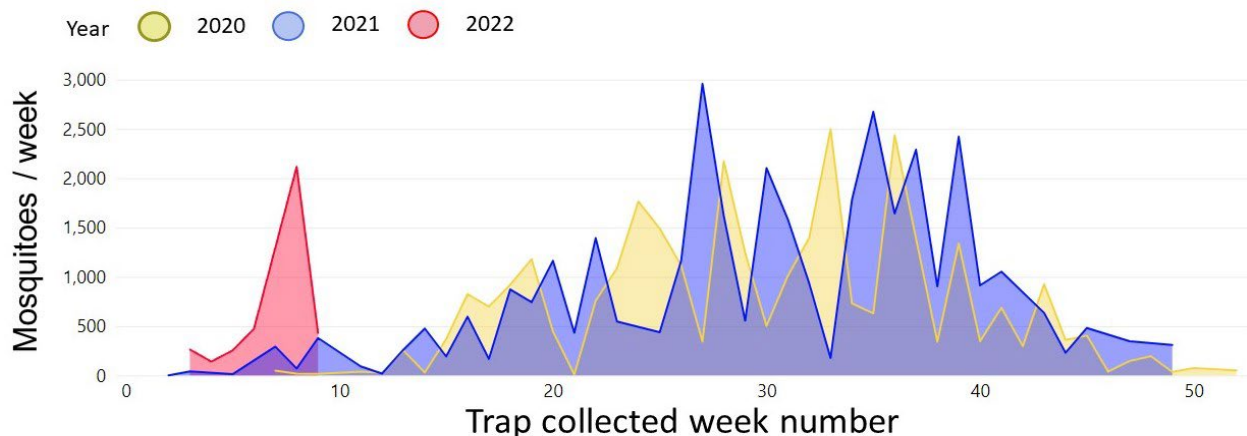
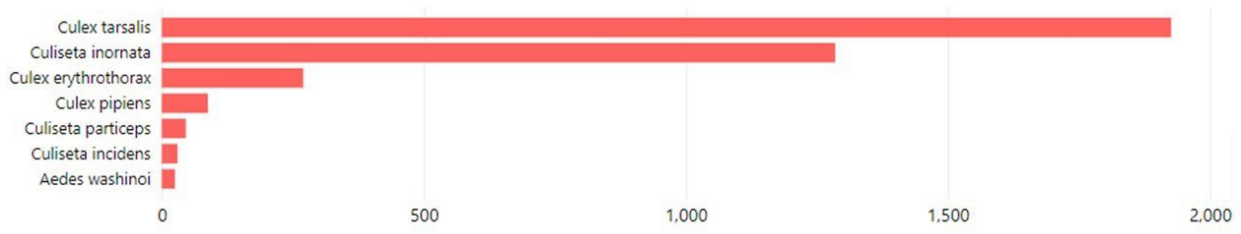


Figure 1. Mosquitoes captured in EVS CO₂ traps from 2020 – 2022. A total of 3,022 adult mosquitoes were captured in EVS CO₂ traps during January and February of 2022 and identified to species. Week 24 was excluded from the graph because the high anomalous abundance during 2021 skewed the y-axis.

January - February 2022



Mosquitoes per month

Figure 2. The most abundant species of mosquito captured using EVS CO₂ traps.

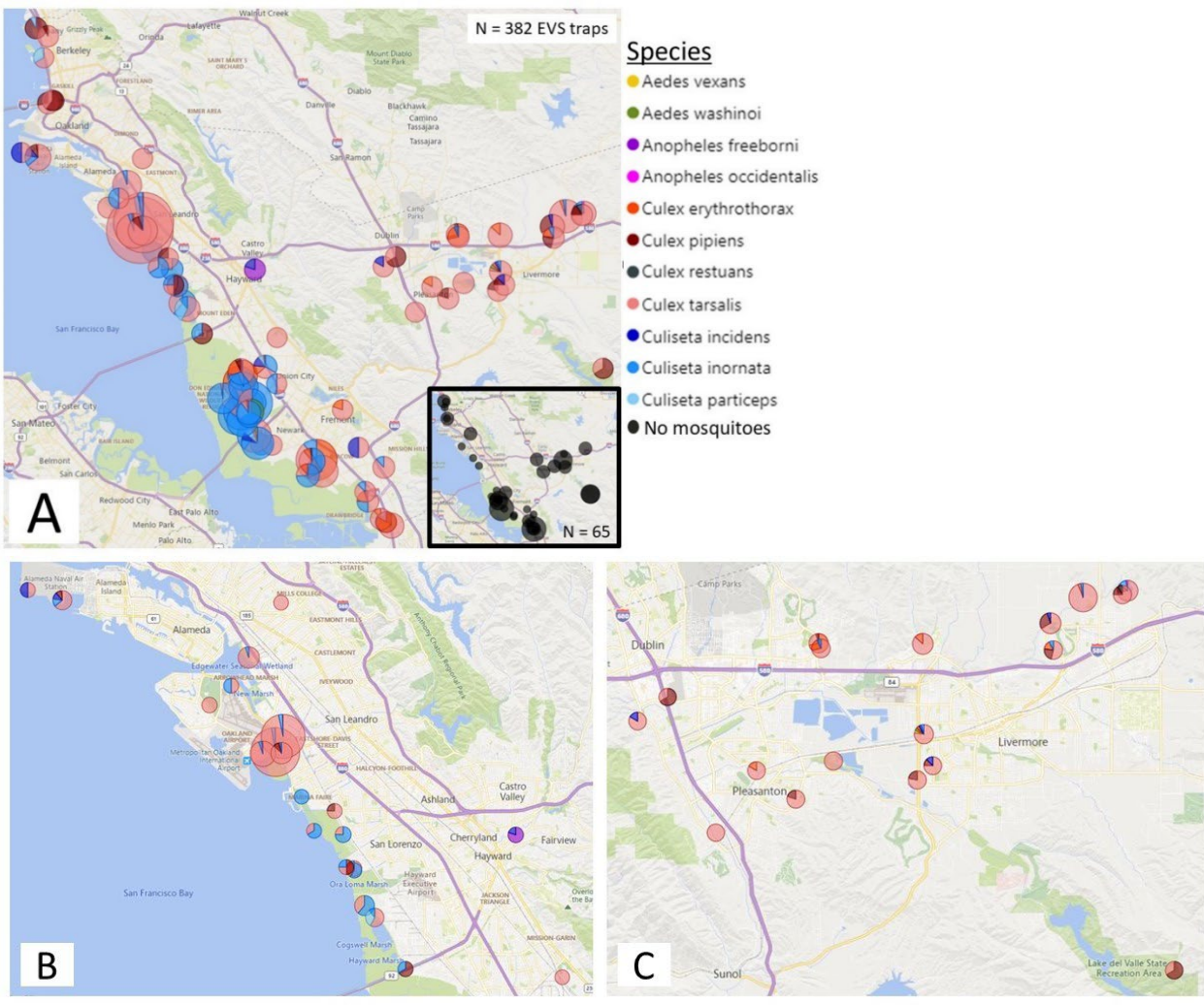


Figure 3. Mosquito abundance by trap site evaluated using EVS CO₂ traps. Pie charts over trap sites indicate the distribution of mosquito species collected at the trap site. The size of each pie chart indicates the relative number of mosquitoes at each site during January and February of 2022. (A) Alameda County (the insert shows traps that were placed but did not collect mosquitoes), (B) the western region of the county, and (C) the eastern region.

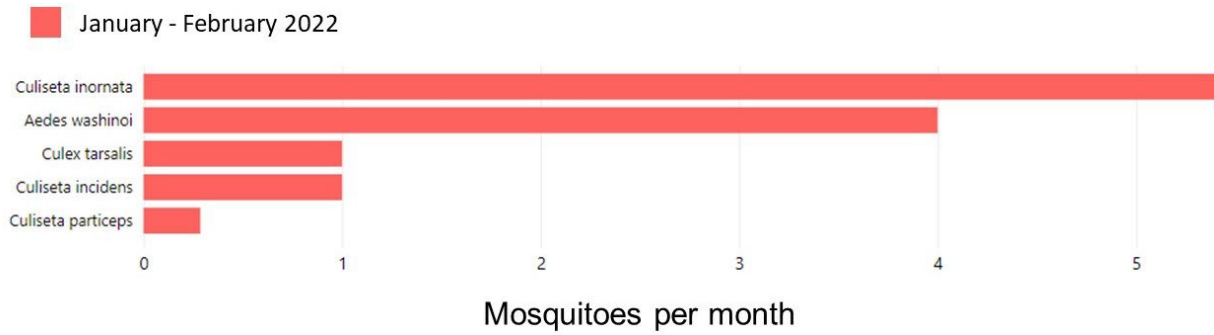


Figure 4. The most abundant species of mosquito captured in NJLT. A total of 49 mosquitoes were captured in NJLT.

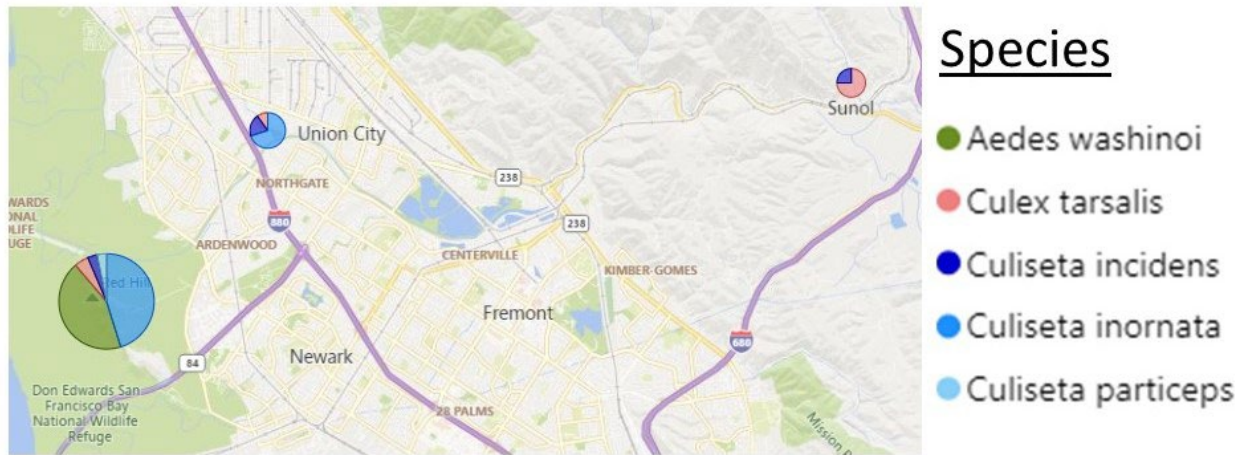


Figure 5. Geographic distribution of mosquito abundance in Alameda County evaluated using NJLT. Pie charts over trap sites indicate the distribution of mosquito species collected at the trap site.

3. PUBLIC EDUCATION

Upcoming events:

- March - St. Patrick's Day Festival in Dublin March 12-13
- April - Family Science Day for Lincoln Elementary in Newark April 29
- May – Downtown Livermore Street Festival May 14-15

School program:

- Newark Unified science lead sent out an intro letter to all 3rd grade teachers in the school district.
- Five teachers have reached out so far.
- The introduction email to Oakland Unified will be sent out on March 8, 2022

Google Analytics

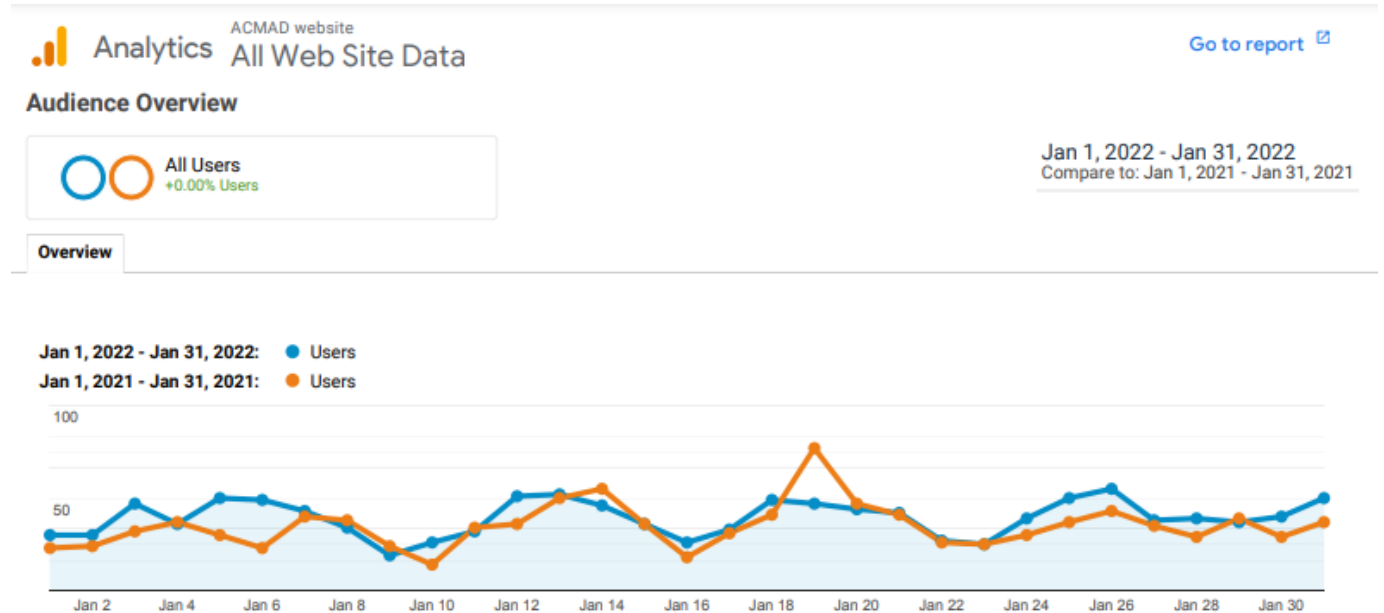


Figure 1: January website users 2022 compared to January 2021

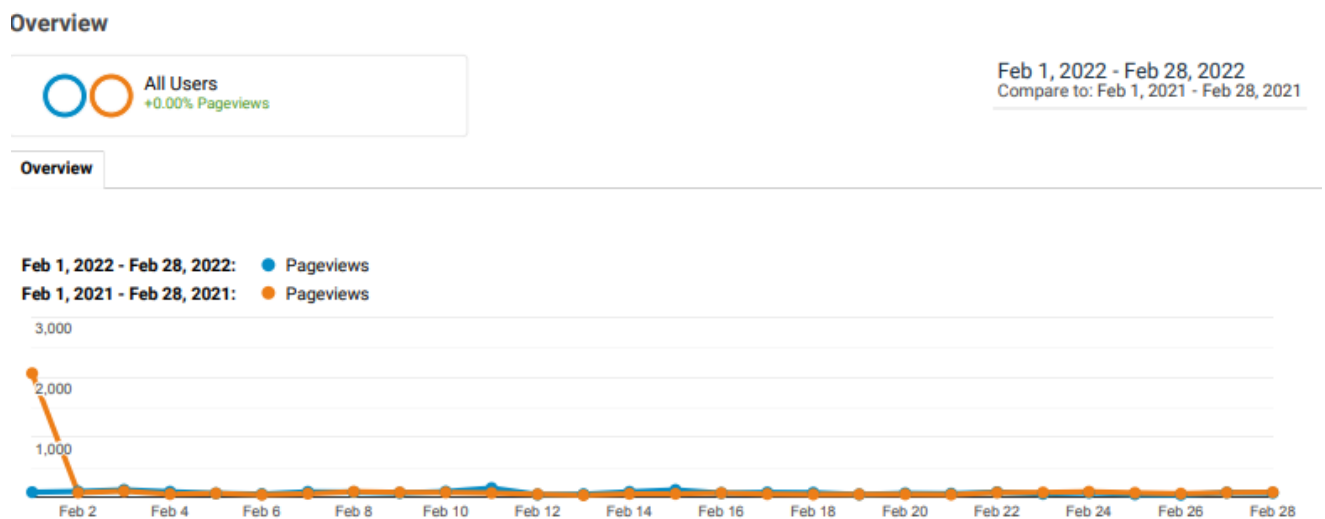


Figure 2: February website users 2022 compared to February 2021

Note: On February 1st, we records over 2,000 hits to the website, which appears to be a bot activity.

Audience Overview

All Users
+0.00% Users

Mar 1, 2021 - Feb 28, 2022
Compare to: Mar 1, 2020 - Feb 28, 2021

Overview

Mar 1, 2021 - Feb 28, 2022: Users
Mar 1, 2020 - Feb 28, 2021: Users

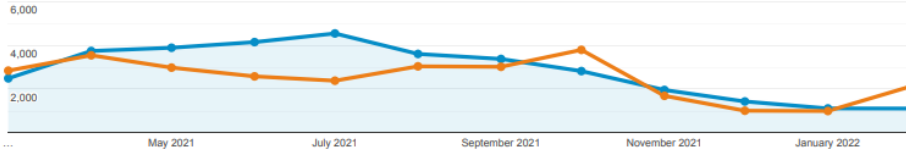
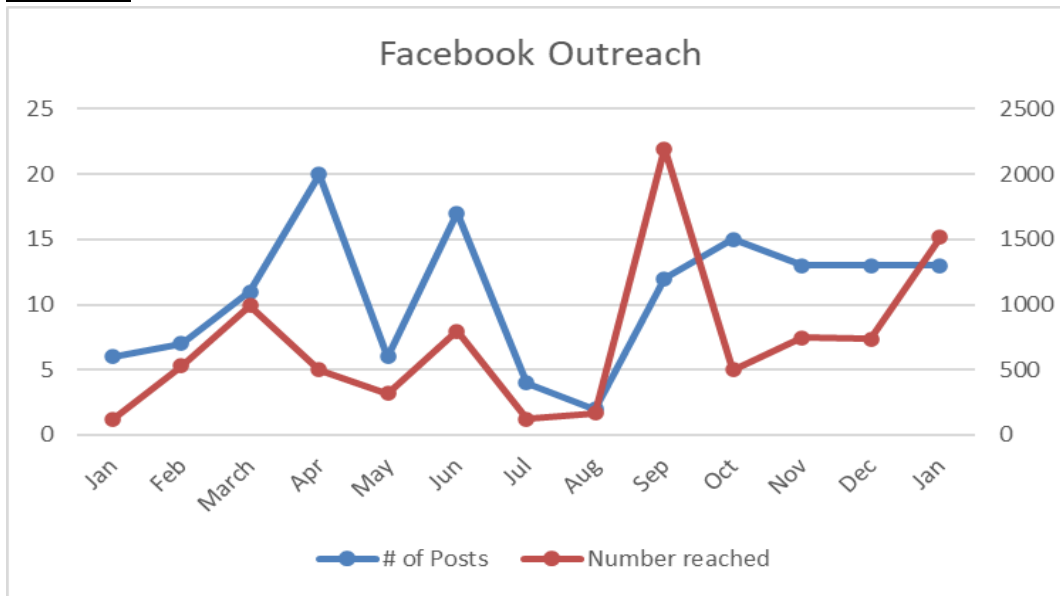


Figure 3. Comparison of website users over the past two years (January and February in same graph)

Facebook



JANUARY - Facebook: 13 posts, 1515 reached

Total number of followers: 329

56TH ANNUAL MEETING
AMCA
JACKSONVILLE
FLORIDA
FEB 28 - MAR 4, 2022

"I am excited to be face-to-face with speakers because it is a more impactful learning experience for me."
"I am also looking forward to meeting my fellow Young Professionals (YPs) in person after years of monthly virtual meetings."

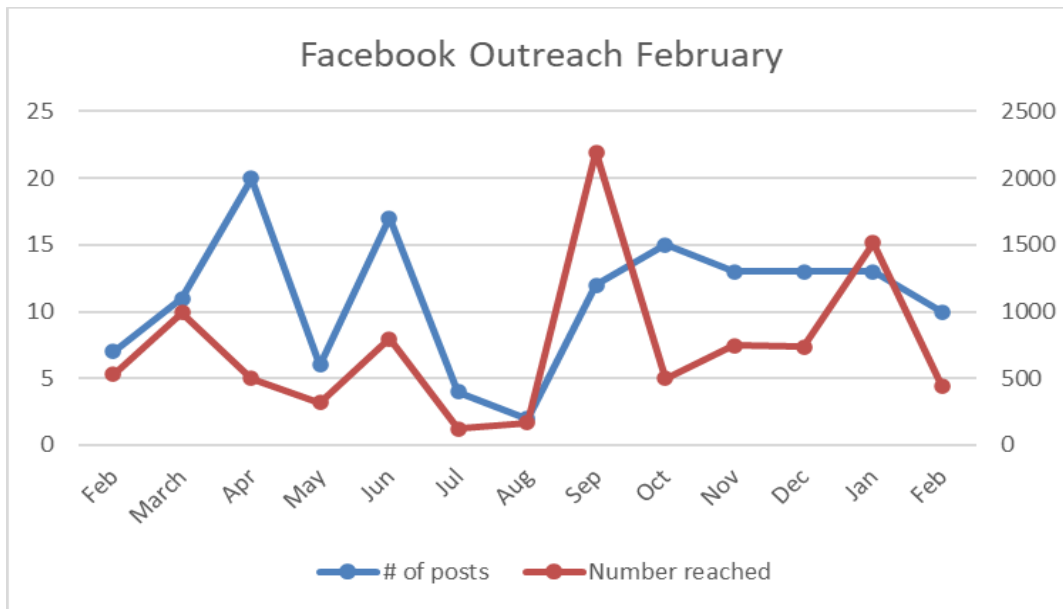
Sarah Lawton, YP Committee Chair

Vector Biologist
Alameda County Mosquito Abatement District

ALAMEDA COUNTY
MOSQUITO
ABATEMENT
DISTRICT

f t i @AMCAmosquito | @amcayoungprofessionals | @alamedamosquito | #AMCA2022

Top January Facebook Post: Our very own!



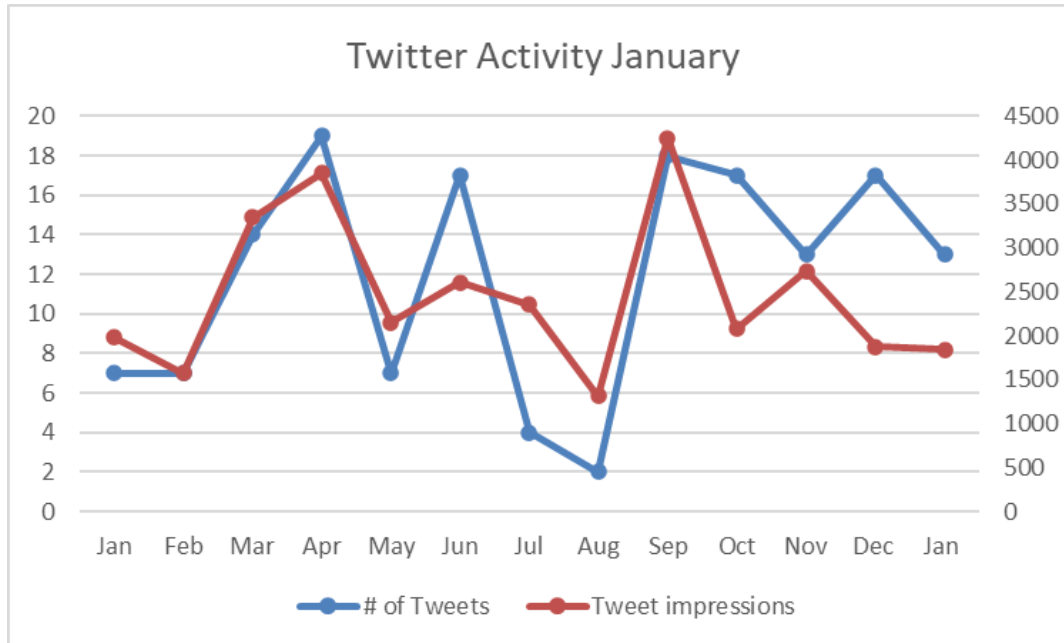
FEBRUARY - Facebook: 10 posts, 444 reached

Total number of followers: 329



Top Facebook Post: We had a blast at MVCAC last week! Our district has three presentations and we made great connections and rekindled a few that had been lost the past two years. We are already excited for next year. Check out our collage: Emily speaking on our Healthy Equity analysis, Mark about repurposing one of our machines to control mosquitoes in wetlands, and Eric hosting a forum and presenting on the possibilities of drone use in mosquito control.

Twitter



Number of Profile Visits in January: 386
Mentions from other users: 4

Total Number of Followers: 763 (4 added)



Alameda MAD @AlamedaMosquito · Jan 4

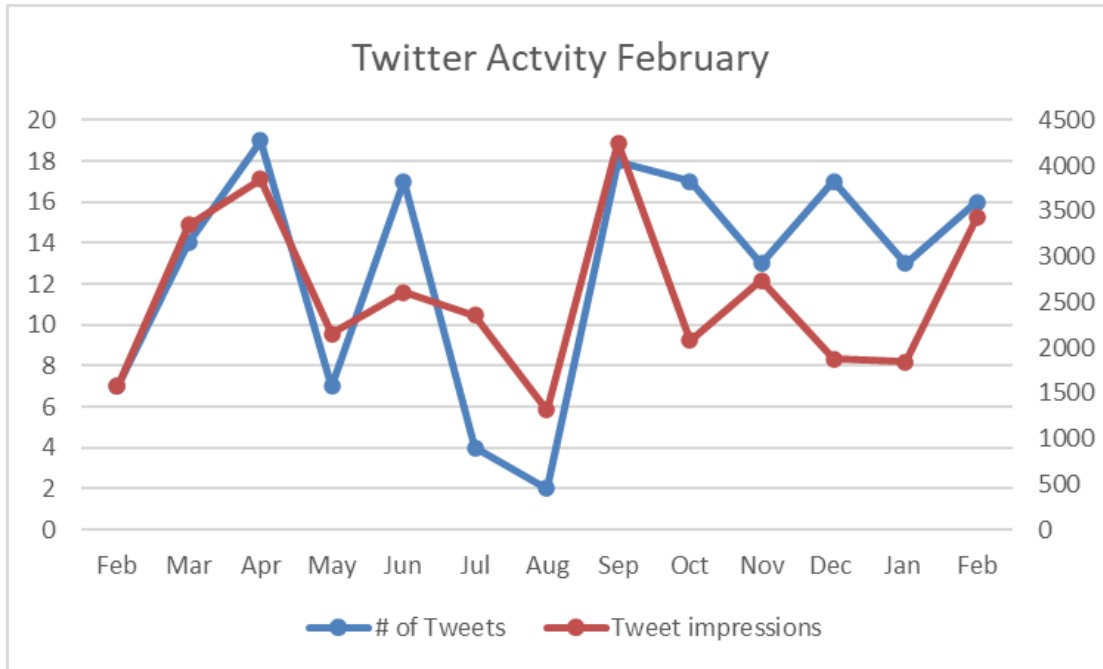
Great article weighing the benefits and drawbacks of mosquitofish. The fish keep mosquito populations low, but can damage natural habitats. Never throw mosquitofish into natural waters like streams or lakes. If you don't need them, we will pick them up!



eastbaytimes.com

Meet the mosquitofish: California scientists debate whether it's mena...
The problem, experts say, is that the mosquitofish don't discriminate between snacking on the rice-sized offspring of disease-ridden ...

Top January Twitter Post: Great article weighing the benefits and drawbacks of mosquitofish. The fish keep mosquito populations low, but can damage natural habitats. Never throw mosquitofish into natural waters like streams or lakes. If you don't need them, we will pick them up!

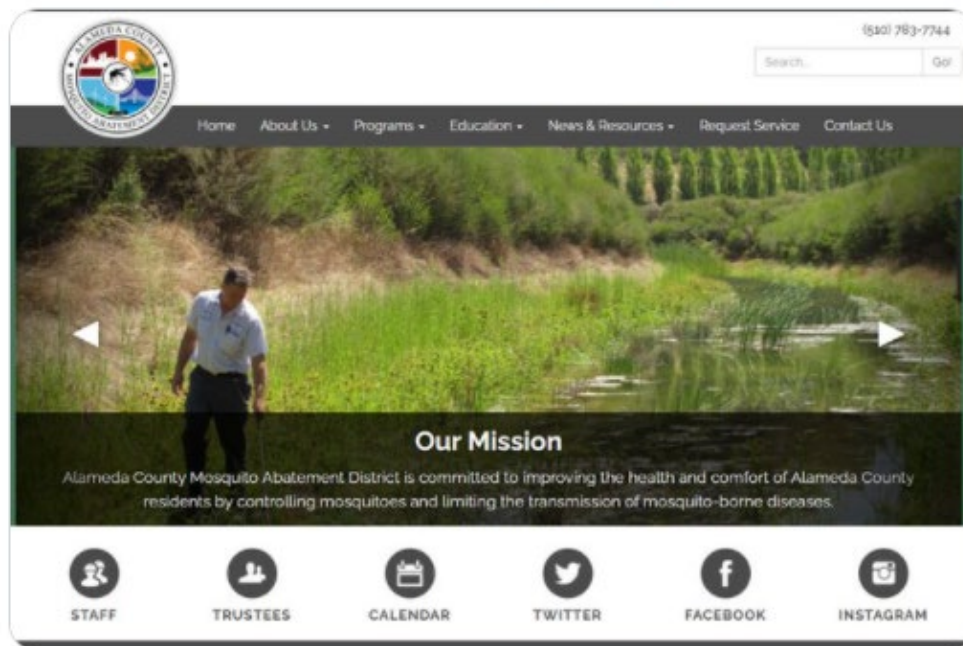


Number of Profile Visits in February: 217 Total Number of Followers: 769 (6 added)
Mentions from other users: 15



Alameda MAD @AlamedaMosquito · Feb 24

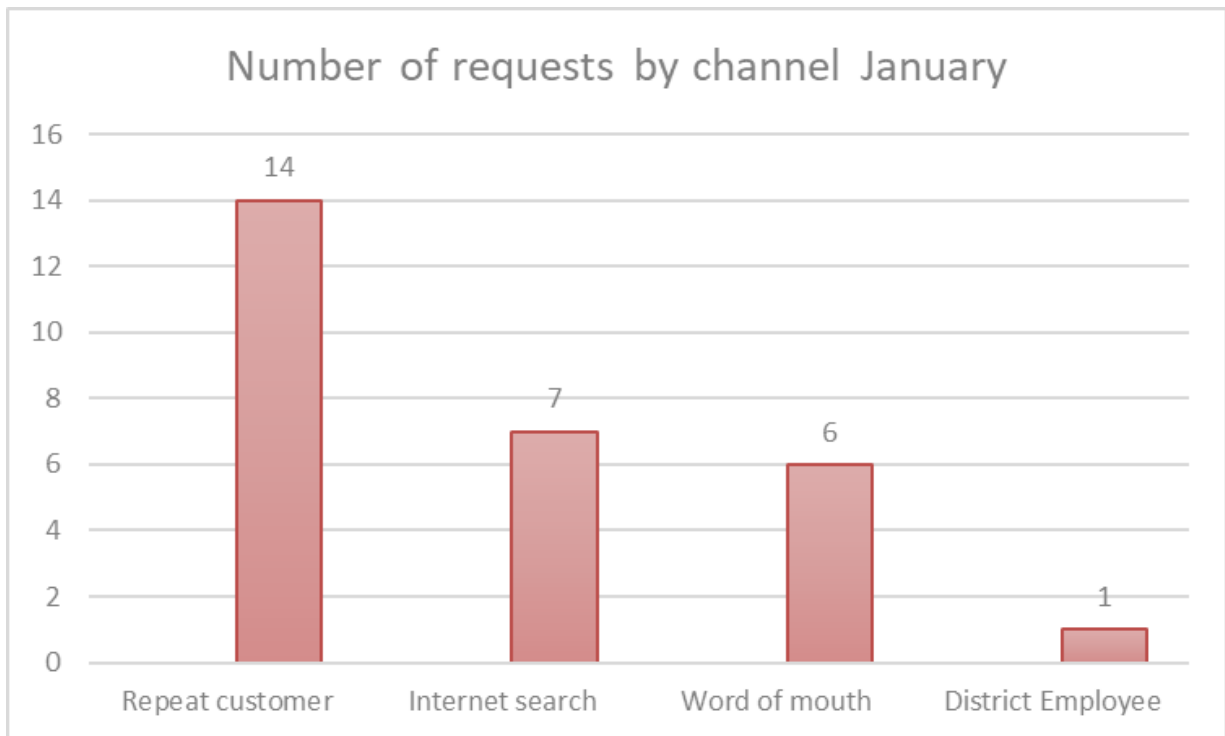
Have you checked out our website to make a service request, to learn about new technologies or simply to figure out what is flying around your home? Our site is easy to remember, mosquitoes.org!



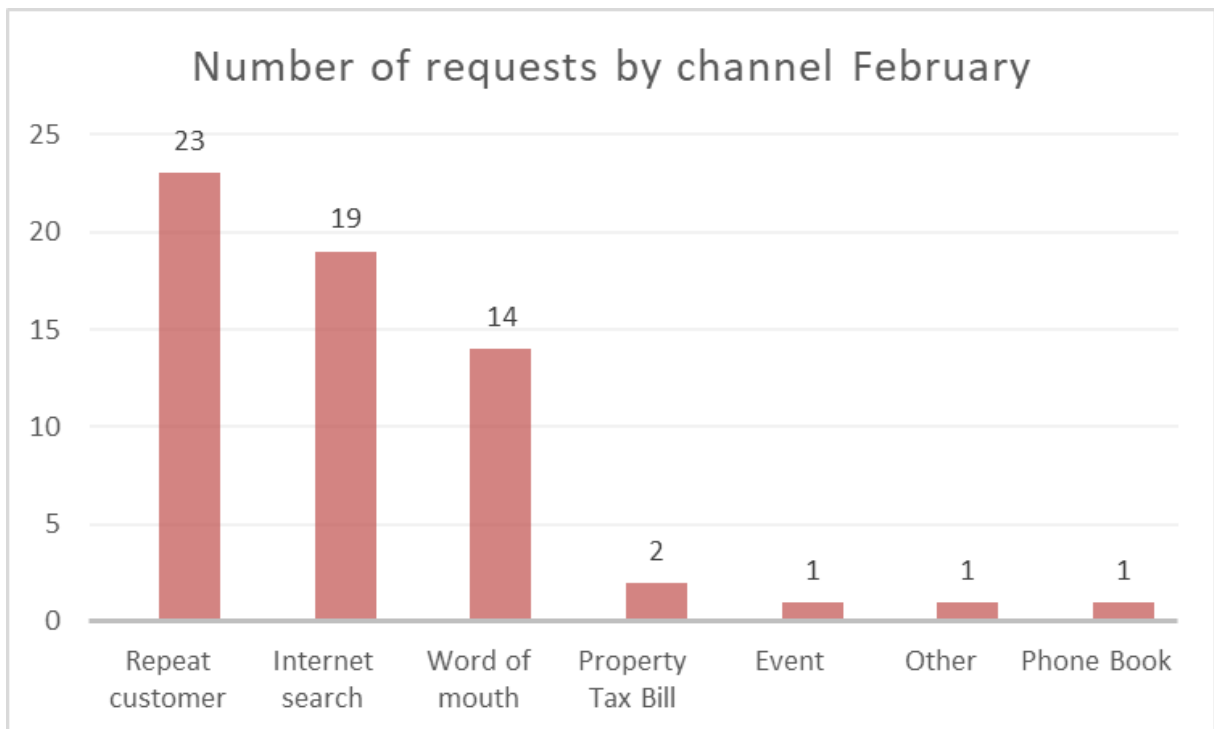
Top February Tweet: Have you checked out our website to make a service request, to learn about new technologies or simply to figure out what is flying around your home? Our site is easy to remember,

!

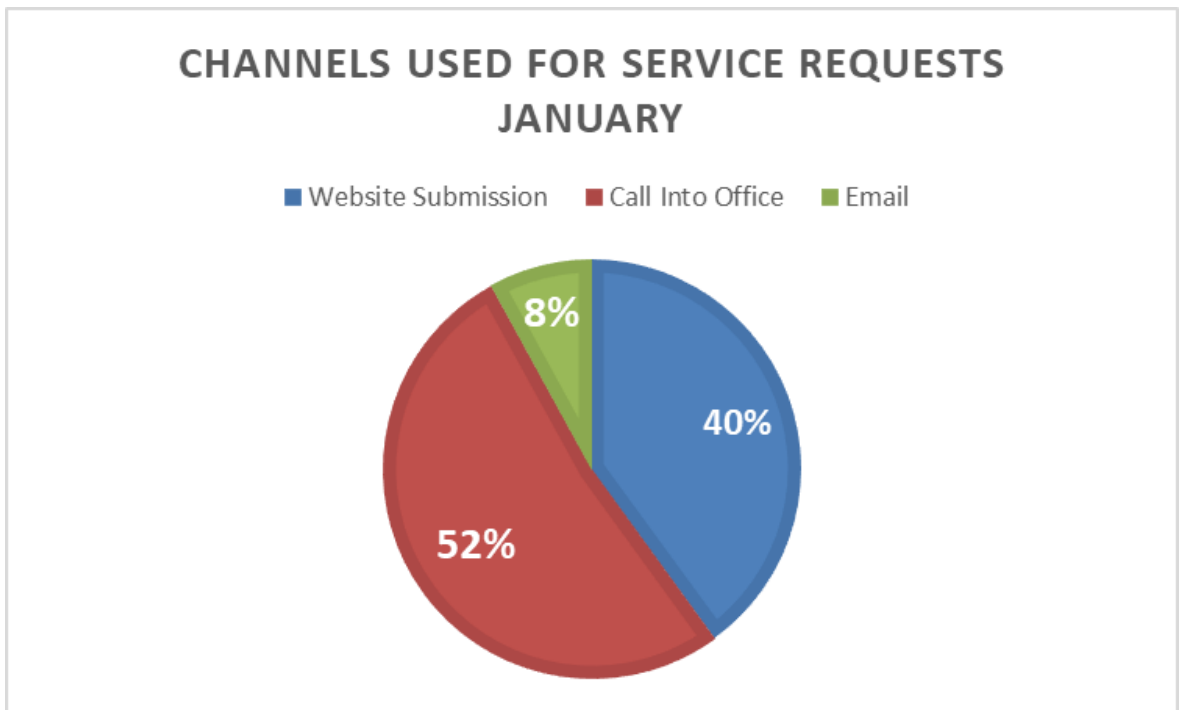
Service Request Referral Summary for January



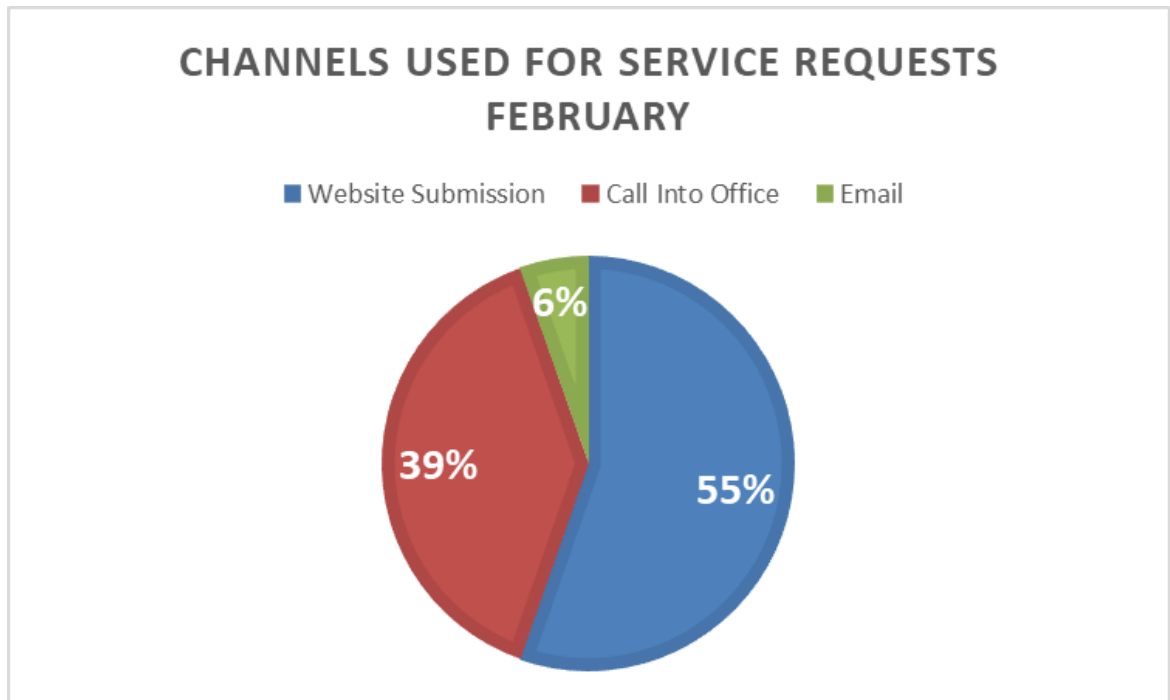
Note: multiple website users marked multiple channels



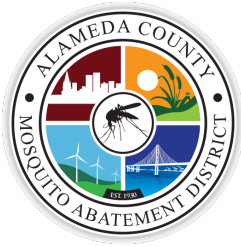
Channels Used by Residents to Request Service in January



25 requests in total: 10 web submissions, 13 calls and 2 emails



57 requests in total: 31 website submissions, 22 calls and 4 emails.
Note: 6 website submissions requested multiple services



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Oakland

Eric Hentschke

Newark

Andrew Mingst

Piedmont

Julie Testa

Pleasanton

Ryan Clausnitzer

General Manager

Background:

ACMAD is pleased to recognize and thank the following Trustees & Staff on their anniversaries in February & March.

Trustee	City	Years of Service	Anniversary Date
Elisa Marquez	Hayward	7	March 3rd
George Young	Fremont	9	February 1 st
Victor Aguilar	San Leandro	3	February 4 th
Shawn Kumagai	Dublin	2	February 4 th
Employee	Title	Years of Service	Anniversary Date
Erika Castillo	Regulatory & Public Affairs Director	20	March 1st
John Busam	Vector Biologist	20	March 8th
Nick Appice	Vector Biologist	8	March 5th