

**AGENDA**  
1097<sup>th</sup> MEETING OF THE BOARD OF TRUSTEES  
OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
DECEMBER 8TH, 2021

---

TIME: 5:00 P.M.  
PLACE: 23187 Connecticut Street, Hayward, CA 94545 & by teleconference  
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  
Wendi Poulson, City of Alameda  
Preston Jordan, City of Albany  
Shawn Kumagai, City of Dublin  
City of Emeryville, vacant  
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 Beatty 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 1096<sup>th</sup> Regular Meeting held November 10<sup>th</sup>, 2021 (**Board action required**).
5. Resolution 1097-1 Authorizing Remote Teleconference Meetings of the Legislative Bodies of the Alameda County Mosquito Abatement District Pursuant to Brown Act Provisions (**Board action required**)
6. Presentation of the Draft Annual Comprehensive Financial Report for Fiscal Year 2020-21 by Maze & Associates. (**Board Action Required**).
7. Appointment of members to an ad-hoc Salary Committee (**Board action required**)
8. Ad-Hoc Nominating Committee (Testa, Cox, Beatty) nominates a slate of 2022 District Officers for Board approval (**Board action required**)
9. District Transparency Certificate of Excellence awarded to ACMAD (Information only).
10. Financial Reports as of November 30<sup>th</sup>, 2021: (Information only).
  - a. Check Register
  - b. Income Statement
  - c. Investments, reserves, and cash report
  - d. Balance Sheet

11. Presentation of the Monthly Staff Report (Information only).
12. Presentation of the Manager's Report (Information only).
  - a. MVCAC annual: February 7<sup>th</sup>-9<sup>th</sup> 2022, Sacramento Convention Center
  - b. Medicare Plan B correspondence from retired ACMAD District Manager John Rusmisl on behalf of District retirees
  - c. Reappointment updates
13. Board President asks for reports on conferences and seminars attended by Trustees.
14. Board President asks for announcements from members of the Board.
15. Board President asks trustees for items to be added to the agenda for the next Board meeting.
16. 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](mailto: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#** 861 9865 6552 followed by the pound (#) key.

**Computer:** Watch the live streaming of the meeting from a computer by navigating to <https://us02web.zoom.us/j/86198656552>

**Mobile:** Log in through the Zoom mobile app on a smartphone and enter **Meeting ID#** 861 9865 6552

**HOW TO SUBMIT PUBLIC COMMENTS:**

**Before the Meeting:** Please email your comments to [acmad@mosquitoes.org](mailto: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](mailto: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

### 1096<sup>th</sup> MEETING OF THE BOARD OF TRUSTEES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

November 10<sup>th</sup>, 2021

---

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  
Wendi Poulson, City of Alameda  
Preston Jordan, City of Albany  
Shawn Kumagai, City of Dublin  
City of Emeryville, vacant  
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 5:00 P.M.
2. Trustees Beatty, Bhat, Aguilar, Poulson, Young, Márquez, Cox, Hentschke, Washburn, Mingst, and Testa were present on the Zoom conference. Trustee Kumagai was absent. Trustee Jordan joined at 5:04 P.M. and Trustee Roache joined at 5:13 P.M.
3. Board President Beatty invited members of the public to speak on any issue relevant to the District. Joseph Federico, PFM Asset Management LLC Senior Analyst, was present to give a presentation on the Investment Performance Review for the Quarter Ended September 30, 2021. Field Operations Supervisor Joseph Huston was present to give comments on Resolution 1096-1. East Bay Regional Park District Supervisor Mark Taylor was present to receive Resolution 1096-1. Information Technology Director Robert Ferdan was present for technical support. Vector Biologist Jeremy Sette was present to record the minutes. No public comments were submitted.
4. Approval of the minutes of the 1095<sup>th</sup> meeting held October 13<sup>th</sup>, 2021.  
**Motion:** Trustee Marquez moved to approve the minutes.  
**Second:** Trustee Aguilar  
**Vote:** motion carries: unanimous.
5. Resolution 1096-1 honoring East Bay Regional Park District Supervisor Mark Taylor.  
**Discussion:**

Field Operations Supervisor Joseph Huston announced that East Bay Regional Park District Supervisor Mark Taylor's commendation was the first commendation to an outside District individual during his 30-year career at ACMAD. Huston presented Resolution 1096-1 honoring Taylor and gave a background of Taylor's impactful multi-decade involvement with the District. Taylor thanked Huston and announced that it was a pleasure to work with the District.

**Motion:** Trustee Washburn moved to approve Resolution 1096-1.

**Second:** Trustee Marquez

**Vote:** motion carries: unanimous.

6. Second reading of revisions to District policy.

**Discussion:**

The General Manager highlighted the new changes since the last version. President Beatty thanked those that contributed comments and let Vice-President Bhat know that the additional information related to the GM evaluation process should improve the process. Vice-President Bhat thanked President Beatty for those additions.

**Motion:** Trustee Jordan moved to approve the revisions to District policy.

**Second:** Vice-President Bhat

**Vote:** motion carries: unanimous.

7. Appointment of an ad-hoc committee to nominate candidates for 2022 Board offices.

**Discussion:**

President Beatty noted that a committee is needed to nominate candidates for 2022 Board offices. The General Manager reported that the Committee members would reach out to the potential 2022 Board officer candidates to ask if they would be comfortable accepting nominations for the positions. Trustee Testa, Cox and Beatty volunteered for the committee positions. President Beatty asked if Trustee Testa would be comfortable accepting the Chair of the Committee and she agreed.

**Motion:** Trustee Jordan moved to approve Trustees Testa, Cox and Beatty to the Nominating Committee Nominating Committee with Testa as Chair.

**Second:** Trustee Hentschke

**Vote:** motion carries: unanimous.

8. Presentation by Joseph Federico, PFM Asset Management LLC Senior Analyst.

**Discussion:**

Joseph Federico gave the Investment Performance Review for the Quarter Ended September 30, 2021 and fielded the following discussion. The General Manager gave a brief background of OPEB. Trustee Jordan asked for clarification on small and large cap portfolio allocation. President Beatty commented that the committee that is being referred is with PFM, not with the District. President Beatty asked for clarification on how the fund has increased and Federico clarified that it was indeed, 8.15%, not 18.15%. Trustee Márquez asked the General Manager how many retirees the District currently had (13) and asked about spousal contribution (vesting schedule following the 100/90 rule). Trustee Márquez asked how often adjustments are made to the portfolio (reviewed annually with adjustments every other year). Trustee Jordan asked what management expenses were (45 bps). Vice-President Bhat suggested having the Finance Committee meet in January to evaluate any possible changes. Trustee Jordan noted that he may have missed the previous quarterly report (the General Manager mentioned that while he routinely sends the quarterly reports to the Finance Committee, he will specify those reports when sent to ensure consistency).



9. Vice-President Bhat Elected Trustee Representative to Mosquito and Vector Control Association of California for 2022.

**Discussion:**

The General Manager gave background of the District's involvement with MVCAC and Vice-President Bhat's election to the MVCAC as Trustee Representative. Vice-President Bhat explained that he was humbled, honored, and looking forward to his involvement with the Association in this leadership capacity.

10. Financial Reports as of October 31<sup>st</sup>, 2021.

**Discussion:**

The General Manager presented the Financial Reports. The General Manager thanked Trustees that signed checks this past month: Bhat, Roache and Hentschke.

11. Presentation of the Monthly Staff Report.

**Discussion:**

Field Operations Supervisor Joseph Huston gave the Operations Report. The General Manager gave the rest of the Staff Report. Trustee Márquez added in the Group Chat at 5:59 P.M. "I have to jump on a work meeting at 6 pm. Have a great evening everyone" and Vice-President Bhat at 5:59 P.M. "Good night and take care".

12. Presentation of the Manager's Report.

**Discussion:**

The General Manager presented the Manager's Report and fielded the following discussion. The General Manager presented staff anniversaries for Operations staff Neil Campbell and Erick Gaona for 18 and 2 years of District service, respectively, and commended Gaona for receiving a public call to the District giving credit to Gaona for his excellent service regarding a service request in the field. The General Manager asked if anyone was interested in hearing a presentation from PARS. President Beatty suggested this could be done through the Finance Committee. President Beatty provided an update about the District's involvement during a recent Berkeley City Council item related to genetically modified mosquitoes. Trustee Jordan asked which city council member brought the resolution forward (Councilmember Bartlett was the author, with co-sponsors Hawn and Harrison). Vice-President Bhat asked who organized the opposition (President Beatty answered that it was a letter from the organization Friends of the Earth). Trustee Washburn added that as a former representative from Berkeley, he understands why the council would not want to support a letter filled with so many inaccuracies such as spelling. Trustee Jordan also asked if there would be a benefit in reaching out to Friends of the Earth (President Beatty answered that District Public Health Coordinator Judith Pierce may have already reached out to them). Trustee Washburn brought up Oxitec's public outreach background in Florida as well. President Beatty remarked that the Trustee and District employee holiday meet and greet dinner is a great experience for new Trustees. Secretary Aguilar noted that San Leandro will be reappointing councilmembers to Districts in January of 2022. Trustee Jordan volunteered to discuss the audit with the audit firm.

13. Board President Beatty asked for reports on conferences and seminars attended by Trustees. Trustee Washburn reported on his recent involvement with the Entomological Society of America's annual virtual conference.

14. Board President Beatty asked for announcements from the Board. Trustee Jordan reported on observing low impact development standing water and asked when standing water becomes a mosquito concern (Field Operations Supervisor Joseph Huston answered

generally longer than 48-72 hours and to have any Trustee send an email reporting any standing water to himself or the General Manager).

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

16. The meeting adjourned at 6:28 P.M.

**Respectfully submitted,**

Approved as written and/or corrected  
at the 1097<sup>th</sup> meeting of the Board of  
Trustees held December 8<sup>th</sup>, 2021

---

P. Robert Beatty, President  
BOARD OF TRUSTEES

---

Victor Aguilar, Secretary  
BOARD OF TRUSTEES

**RESOLUTION NO. 1097-1**

**A RESOLUTION OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT AUTHORIZING CONTINUED REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT PURSUANT TO BROWN ACT PROVISIONS**

**WHEREAS**, on March 4, 2020, the Governor of the State of California issued a Proclamation of a State of Emergency due to COVID-19. Such Proclamation remains and is in effect as of the date of this Resolution, as are the facts, circumstances, and emergency under which it was issued; and

**WHEREAS**, the Alameda County Mosquito Abatement District (“District”) ordinarily holds its regular meetings on the second Wednesday of the month at 5 p.m. at the Board Room, 23187 Connecticut Street, Hayward, California 94545; and

**WHEREAS**, the District officially closed its public facilities as of March 16<sup>th</sup>, 2020 due to the coronavirus pandemic, making the Board Room unavailable to the public; and

**WHEREAS**, on March 30, 2020 the District’s Board President issued a Declaration altering the regular meeting location to be held via teleconference only pursuant to Executive Order N-29-20.

**WHEREAS**, the Health Officer of the County of Alameda (“Health Officer”) have issued various health orders and updates designed to slow the spread of COVID-19 (including variants thereof) such as vaccinations, quarantines, face covering requirements, and social distancing recommendations designed to protect public health; and

**WHEREAS**, on September 20, 2021, Health Officer issued recommendations for safely holding public meetings, including strongly recommending teleconferencing meetings as those meetings present the lowest risk of transmission of SARS-CoV-2, the virus that causes COVID-19, and further recommended social distancing and face masking of all attendees; and

**WHEREAS**, as of November 10, 2021 approximately 10-15% of County residents remain unvaccinated or partially vaccinated. The Health Officer recommend social distancing for those who are not fully vaccinated and further recommend avoiding crowded places, close contact settings, and confined places with poor airflow; and

**WHEREAS**, COVID-19 continues to spread, the Delta variant (a highly-infectious COVID- 19 strain) is prevalent in the Bay Area. COVID-19 poses imminent health and safety concerns. The risk of exposure to COVID-19 depends on the likelihood of coming into close physical contact with people who may be infected and through contact with contaminated surfaces and objects. The severity of the illness varies. Per the US Centers for Disease Control and Prevention about 14% of the cases are severe (meaning, they required hospitalization), with an infection that affects both lungs and has the potential to lead to severe medical complications (such as respiratory failure, shock, or multiorgan dysfunction) that can cause death in some people. The number of cases of infections and deaths occurring locally can be determined by viewing the dashboards of the Health Officer; and

**WHEREAS**, on June 11, 2021, the Governor issued Executive Order N-08-21, which placed an end date of September 30, 2021 on such authority; and

**WHEREAS**, due the rise in COVID-19 cases, including due to the Delta variant, the District continues to be deeply concerned about protecting the health and safety of attendees, particularly given that even fully vaccinated people have contracted the Delta variant, people may contract and transmit the virus before knowing they are infected and/or if they are asymptomatic; meetings of the District can last several hours, the District has a large board of Trustees, its meeting facilities are limited in space with seats that are close together, and have restricted air flow; and

**WHEREAS**, the California State legislature adopted AB 361 as an urgency measure that was signed by the Governor on September 16, 2021. AB 361 amends the Brown Act to allow local governments to use teleconferencing and virtual meeting technology as long as there is a gubernatorial “proclaimed state of emergency” upon the local legislative body finding that State or local officials have imposed or recommended measures to promote social distancing or that meeting in person would present imminent risks to the health or safety of attendees; and

**WHEREAS**, the Board desires to continue holding public meetings of the District using teleconferencing and virtual meeting technology in order to avoid the imminent risk to the health and safety of attendees; and

**WHEREAS**, the District found that conducting its meetings using virtual meeting technology allowed the equivalent, if not improved, access to the meetings for Trustees, staff, and the public based on the ease of use and flexibility of technology. This experience has been confirmed by the Little Hoover Commission, which evaluated the effectiveness of remote meetings statewide; and

**WHEREAS**, the Board held a duly noticed public meeting on October 13<sup>th</sup>, 2021; and

**WHEREAS**, at such public meeting, the Board considered all pertinent oral and written information, exhibits, testimony, and comments received during the public review process, including, without limitation, information received at the public hearing, the oral report from District staff, the written report from staff, this Resolution, and all other information on which each of the Trustees has based their decision (collectively, “Remote Meeting Information”); and

**WHEREAS**, the Board found that a state of emergency remained active due to the coronavirus pandemic, which affects the ability of attendees to meet safely in person; and

**WHEREAS**, the Board desires to make the findings necessary to continue to meet remotely in light of the fact that there remains a significant portion of the population that is not eligible for vaccination or booster shots and that even fully vaccinated people may contract and transmit the virus and it is not possible to socially distance within the District’s Board meeting room.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Trustees of the District as follows:

**Section 1. Recitals.** The Board hereby finds and determines that the foregoing recitals are true and correct; the recitals are hereby incorporated by reference into each of the findings as

though fully set forth therein. The recitals and the information below constitute findings in this matter, and together with the Remote Meeting Information, serve as an adequate and appropriate evidentiary basis for the findings and actions set forth herein.

**Section 2. AB 361 Findings.** The Board, on behalf of itself and its legislative bodies, hereby further finds the following: A state of emergency in California remains active due to the coronavirus pandemic, which continues to directly impact the ability of attendees to meet safely in person. Federal, state, and/or local officials have imposed and/or recommended measures to promote social distancing and use face coverings in indoor settings to help stop the spread of the virus. They have strongly recommended public agencies hold their meetings online because doing so presents the lowest risk of transmission of SARS-CoV-2, the virus that causes COVID-19. COVID-19 continues to pose an imminent risk to the health and safety of attendees to meet in person because it can be contracted and transmitted by people without symptoms and regardless of vaccination status and has the potential to lead to severe disease and death.

**Section 4. Remote Meetings.** Meetings of the District and its legislative bodies will continue to be conducted remotely using teleconferencing for the next 30 days in compliance with AB 361.

**Section 5. CEQA.** This action does not constitute a “project” within the meaning of Public Resources Code Section 21065, 14 Cal Code Reg. Section 15060(c)(2), 15060(c)(3), and/or 15378 because it has no potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. In addition, this action is categorically exempt pursuant to Section 15061(b)(3), “Review for Exemptions” of the CEQA Guidelines because there is no possibility that it may have a significant effect on the environment, and no further environmental review is required. No unusual circumstances exist and none of the exceptions under CEQA Guidelines Section 15300.2 apply. This determination reflects the Board’s independent judgment and analysis.

**DULY AND REGULARLY ADOPTED** by the District’s Board of Trustees this 8th day of December, 2021 by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

---

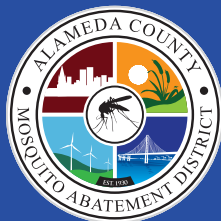
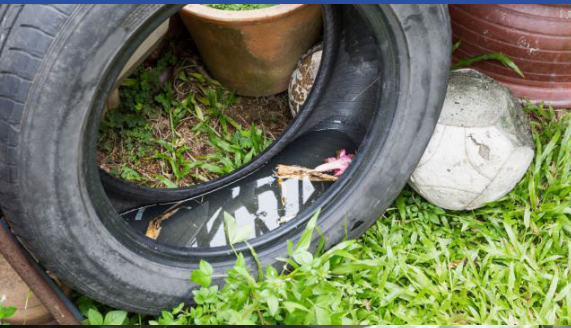
President, Board of Trustees,  
Alameda County Mosquito Abatement District

ATTEST: \_\_\_\_\_  
Secretary of the Board of Trustees, Alameda County  
Mosquito Abatement District



# ANNUAL COMPREHENSIVE FINANCIAL REPORT

FOR FISCAL YEAR ENDED  
JUNE 30, 2021



**ALAMEDA COUNTY  
MOSQUITO ABATEMENT DISTRICT**

23187 Connecticut St, Hayward CA 94545  
(510) 783-7744 • [www.mosquitoes.org](http://www.mosquitoes.org)



**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
HAYWARD, CALIFORNIA**

**ANNUAL COMPREHENSIVE FINANCIAL REPORT**

**FOR THE FISCAL YEAR ENDED  
JUNE 30, 2021**

**PREPARED BY:  
FINANCE DEPARTMENT**

**DRAFT**



This Page Left Intentionally Blank

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
Annual Comprehensive Financial Report  
For the Year Ended June 30, 2021**

**Table of Contents**

	<u><b>Page</b></u>
 <b><u>INTRODUCTORY SECTION</u></b>	
Table of Contents.....	i
Transmittal Letter .....	iii
Directory of Board of Trustees and Executive Staff.....	viii
Service Area Map with Cities Served .....	ix
Organization Chart.....	x
 <b><u>FINANCIAL SECTION</u></b>	
<b>Independent Auditor’s Report</b> .....	1
<b>Management’s Discussion and Analysis</b> .....	3
 <b>Basic Financial Statements:</b>	
<b>Government-wide Financial Statements:</b>	
Statement of Net Position .....	8
Statement of Activities.....	9
 <b>Fund Financial Statements:</b>	
Governmental Fund - General Fund Balance Sheet.....	10
Reconciliation of the Governmental Funds – Balance Sheet With the Statement of Net Position .....	11
Governmental Fund – General Fund Statement of Revenues, Expenditures, and Changes in Fund Balance .....	12
Reconciliation of the Net Change in Fund Balances – Total Governmental Funds with the Statement of Activities.....	13
General Fund Statement of Revenues, Expenditures and Changes in Fund Balance Budget and Actual .....	14
<b>Notes to Basic Financial Statements</b> .....	15

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT**  
**Annual Comprehensive Financial Report**  
**For the Year Ended June 30, 2021**

**Table of Contents**

	<u>Page</u>
<b>Required Supplementary Information:</b>	
Schedule of the Plan’s Proportionate Share of the Net Pension Liability and Related Ratios as of the Measurement Date .....	36
Cost-Sharing Multiple Employer Defined Pension Plan – Schedule of Contributions .....	34
Single Employer Defined Benefit Health Care Plan – Schedule of Changes in the Net OPEB Liability and Related Ratios .....	38
Single Employer Defined Benefit Health Care Plan – Schedule of Contributions .....	39
 <b><u>STATISTICAL SECTION</u></b>	
<b>Financial Statistical Section</b>	
Net Position by Component.....	49
Changes in Net Position .....	50
Fund Balances of Governmental Funds .....	51
Changes in Fund Balances of Governmental Funds.....	52
Capital Assets .....	53
Principal Employers Year 2021 and 2012.....	54
Demographic and Economic Statistics .....	55
Property Tax Levies and Collections .....	56
Full and Part Time District Employees .....	57
Largest 2021 and 2012 Local Secured Taxpayers.....	58
Direct and Overlapping Property Tax Rates .....	59
Assessed Value of Taxable Property .....	60
 <b>Operational Statistical Section</b>	
Performance Measures .....	61
Service Requests.....	62



November 19, 2021

**Board of Trustees**

**President**

P. Robert Beatty

**Berkeley**

**Vice-President**

Subru Bhat

**Union City**

**Secretary**

Victor Aguilar

**San Leandro**

Cathy Roache

**County at Large**

Wendi Poulson

**Alameda**

Preston Jordan

**Albany**

Shawn Kumagai

**Dublin**

George Young

**Fremont**

vacant

**Emeryville**

Elisa Márquez

**Hayward**

Steven Cox

**Livermore**

Jan O. Washburn

**Oakland**

Eric Hentschke

**Newark**

Andrew Mingst

**Piedmont**

Julie Testa

**Pleasanton**

**Ryan Clausnitzer**

*General Manager*

To the Members of the Board of Trustees and Residents of Alameda County:

We are pleased to present the Alameda County Mosquito Abatement District’s (ACMAD) second Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2021, with the Independent Auditors’ Report. This report was prepared by District staff in compliance with Generally Accepted Accounting Principles (GAAP) and has been audited in agreement with generally accepted auditing standards by Maze & Associates, a firm of independent certified accountants.

Management assumes full responsibility for the completeness and reliability of the information presented in this report. As management, we assert, that to the best of our knowledge the information and data presented offers a fair representation of the financial position and operations of the District, and that we have included all disclosures that are essential to enhance the readers understanding of the financial position of the District. The ACFR provides an analysis of ACMAD’s financial position, informs the readers about the services ACMAD provides, and shows the financial and demographic trends for the past ten years.

The purpose of the audit was to provide reasonable assurance that the financial statements of the District, for the fiscal year that ended June 30, 2021, are free of material misstatements. The independent certified public accounting firm has issued an unmodified (clean) opinion that the District’s financial statements were fairly presented in conformity with GAAP. The Independent Auditor’s Report is presented as the first component of the financial section of this report.

Following GAAP management provides a narrative introduction, overview, and analysis to accompany the financial statements in the form of the Management’s Discussion and Analysis (MD&A). This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The District’s MD&A can be found immediately following the report of the independent auditors.

## Overview of the Annual Comprehensive Financial Report

This report contains three sections:

- Introduction – includes this letter of transmittal, directory of Board of Trustees and Executive Staff, and an organizational chart.
- Financial Section – includes the Independent Auditor’s Report, MD&A, the Government-wide financial statements, and required supplementary information.
- Statistical Section – includes information on financial trends, demographic and economic conditions, and multi-year comparative operational data.

## **Profile of Alameda County Mosquito Abatement District**

During late 1928 through early 1929, the city councils of Alameda, Berkeley, Emeryville, Hayward, Oakland, Piedmont, and San Leandro passed a resolution endorsing the formation of ACMAD. Over 32,000 signatures in support of the resolution for establishing ACMAD were collected throughout Alameda County by January 28, 1930. ACMAD was officially formed when the Board of Supervisors passed Ordinance B organizing ACMAD on March 11, 1930; three days later, the Secretary of State of California filed the certificate of incorporation.

Initially, ACMAD focused on ditching in marshes to promote water circulation in habitats where salt marsh mosquitoes breed. As salt marsh mosquito abundance decreased, citizens started noticing freshwater mosquitoes around their properties and requested abatement services for relief from those mosquitoes as well. To fulfill the demands for mosquito control throughout the County, personnel and equipment were needed to accommodate the increase in services. ACMAD funding from *ad valorem* property taxes was stable until Proposition 13 passed in 1978. After the passage of Proposition 13, the District's budget was reduced by half. To provide adequate service to Alameda County residents, Measure K was approved during 1982 by over two thirds of Alameda County voters which allowed for a maximum assessment of \$1.75 per single home as a Special Tax. Around this time, the District consolidated the three depots in Oakland, Pleasanton, and Union City into a single site in Hayward.

West Nile virus (WNV) was introduced via wild birds into Alameda County during 2003, and control for the mosquitoes that transmit this virus increased ACMAD operation costs by \$280,000 a year. ACMAD's Long Range Benefit Committee reviewed methods to increase the District's revenue so that the new public demand for services would be met. Subsequently, the Board of Trustees proposed levying a benefit assessment. Ballots were mailed in the spring of 2008 and the assessment passed with 70.2% approval at the close of voting on April 30, 2008. On May 14, 2008, the ACMAD Board of Trustees passed the resolution approving the benefit assessment.

The approved benefit assessment allows the District to provide enhanced services to the residents of Alameda County while preparing the District for future public health threats caused by mosquitoes. Notably, the District's benefit assessment level has not increased since its passage. While mosquito control techniques, regulations that monitor our activities, and the public sector financial situations have changed in the past 91 years, the District's dedication and effectiveness has not.

As of June 30, 2021, the District is overseen by a Board of Trustees that is comprised of fourteen members. Each City Council within the District and the Board of Supervisors of Alameda County appoint one Trustee. A Trustee serves a two or four -year term and can be reappointed. The Board meets monthly, every second Wednesday, at 5:00pm.

ACMAD's mission is to prioritize improving the health and comfort of the residents of Alameda County and employs 18 full-time staff with an average of six seasonal employees.

## **Short Term Financial Planning**

The District received most of its funding by property taxes and a special tax benefit assessment that are collected by the Alameda County Controller. These funds are made available to ACMAD in April, June, and December of each year.

The District staff is resourceful when it comes to making purchases on behalf of the District. All of our staff take pride in providing mosquito control services to the residents of Alameda County while being frugal with expenses.

## **Long Term Financial Planning**

The District recognizes the importance of adopting policies for financial reserves and reserve funds that adhere to Government Accounting Standards Board guidelines and professional standards/ best practices such as those identified by, but not limited to Government Finance Officers Association. Written and adopted financial policies regarding designated reserves are a critical element of sound short- and long-term fiscal management. The designation of funds for long-term financial goals is an important element of prudent fiscal management.

The District has a total of six reserve accounts, those accounts being: Vector Control Joint Powers Association; Contingency Fund; Public Agency Retirement Services; Rate Stabilization; California Asset Management Program (CAMP); Public Health Emergency; CAMP: Repair and Replace; CAMP: Operating reserve and CAMP: Capital reserve. The Board of Trustees has established a stated target fund level for each of the designated funds. The General Manager performs an annual review and analysis of each of the designated funds that is presented to the Board of Trustees at a public meeting.

## **Strategic Plan**

In 2018, the Board of Trustees approved the District's Strategic Plan. The Strategic Plan establishes the long term goals the District has as a whole and the specific goals each department plans to accomplish.

### **Our Mission**

Alameda County Mosquito Abatement District is committed to improving the health and comfort of Alameda County residents by controlling mosquitoes and limiting the transmission of mosquito-borne diseases.

### **Our Vision**

To serve all residents of Alameda County in a transparent and equitable manner by providing knowledge-driven and environmentally conscious mosquito control. We strive to provide an exemplary model of good government through fiscal transparency and accountability.

### **Our Core Values**

- Environmental Stewardship
  - Ecologically responsible
  - Proactive in environmental legislation
  - Responsive to environmental changes
  - Emphasis on biorational treatments for mosquito control
- Knowledgeable
  - Science- based decision making

- Data- driven
- Technology enabled
- Professional
  - Honest
  - Reliable
  - Respectful
  - Responsive
  - Committed
  - Inclusionary

Our goals for 2020-21

1. Obtain Government Finance Officers Association award in financial reporting.
2. Improve facilities energy efficiency, plumbing fixtures, heating, ventilation, and air conditioning.
3. Use drone to estimate breeding intensity of mosquito larvae in water.
4. Develop and evaluate solar- powered New Jersey Light Trap to improve trap safety and efficacy.
5. Develop and implement models for assessing mosquito resistance to adulticide and larvicide.
6. Evaluate correlations between larval and adult mosquito abundance data.
7. Create a Crisis Communications Plan.
8. Update District Control Program document.
9. Develop an education program for Alameda County students.
10. Increase outreach to local school districts to promote education program.

## Awards and Acknowledgements

This is the second year that the District will be submitting the Annual Comprehensive Financial Report to the Governmental Financial Officers Association.

The preparation of this report would not have been possible without the dedicated service of the District staff. We would like to express our gratitude to all employees of the District who assisted and contributed to the preparation of this report. We would like to express our appreciation to the Board of Trustees for their continued support in maintaining the highest standard of professionalism in the management of the District's finances.

Respectfully submitted,



**Ryan Clausnitzer**  
General Manager



**Michelle Robles**  
Accounting Associate



## ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

Serving the public since 1930

---

### Board of Trustees as of June 30, 2021

P. Robert Beatty - City of Berkeley  
Subru Bhat - City of Union City  
Victor Aguilar - City of San Leandro  
Cathy Roache - County-at-Large  
Wendi Poulson - City of Alameda  
Preston Jordan - City of Albany  
Shawn Kumagai - City of Dublin

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

### Executive Staff as of June 30, 2021

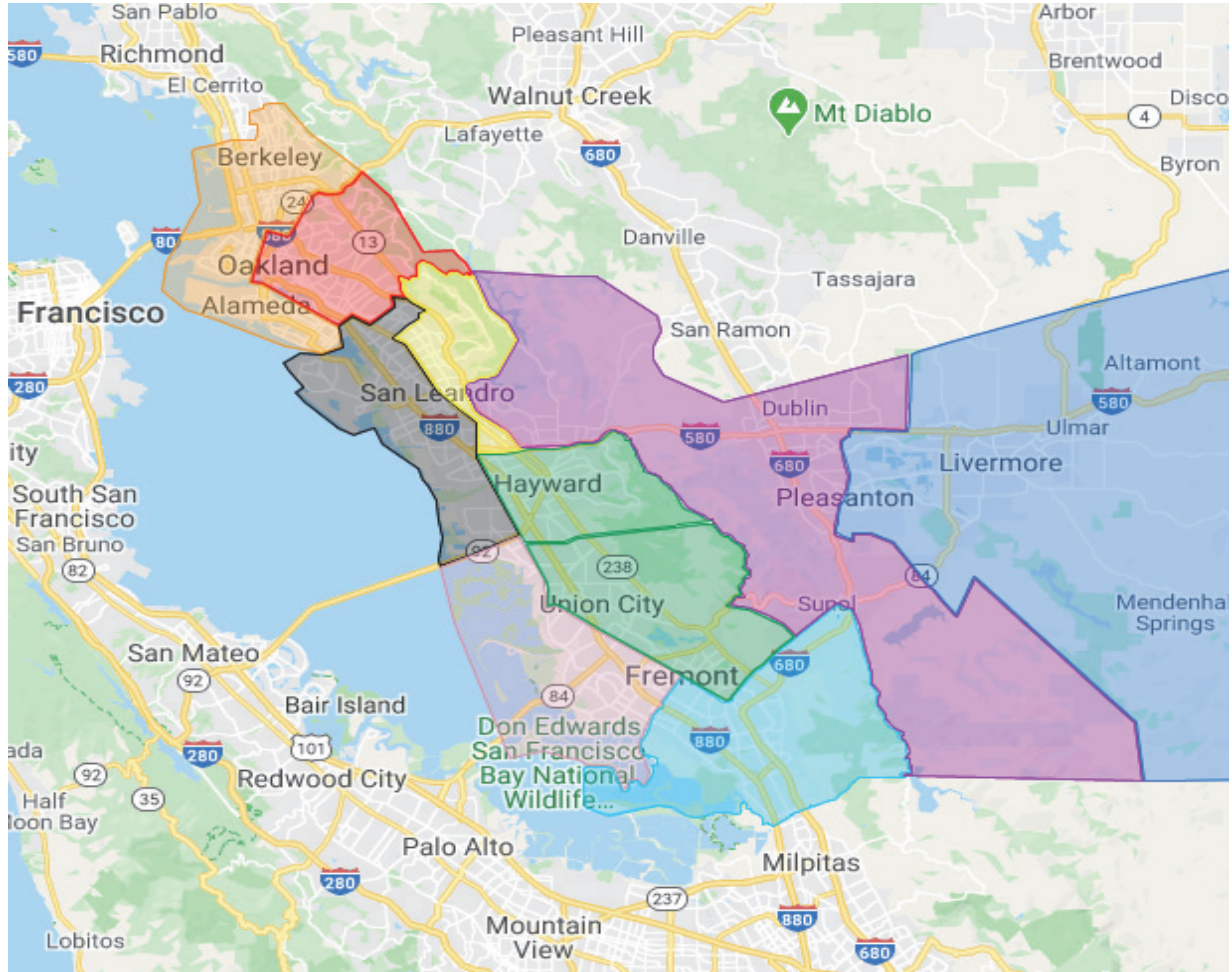
General Manager  
Accounting Associate

Ryan Clausnitzer  
Michelle Robles

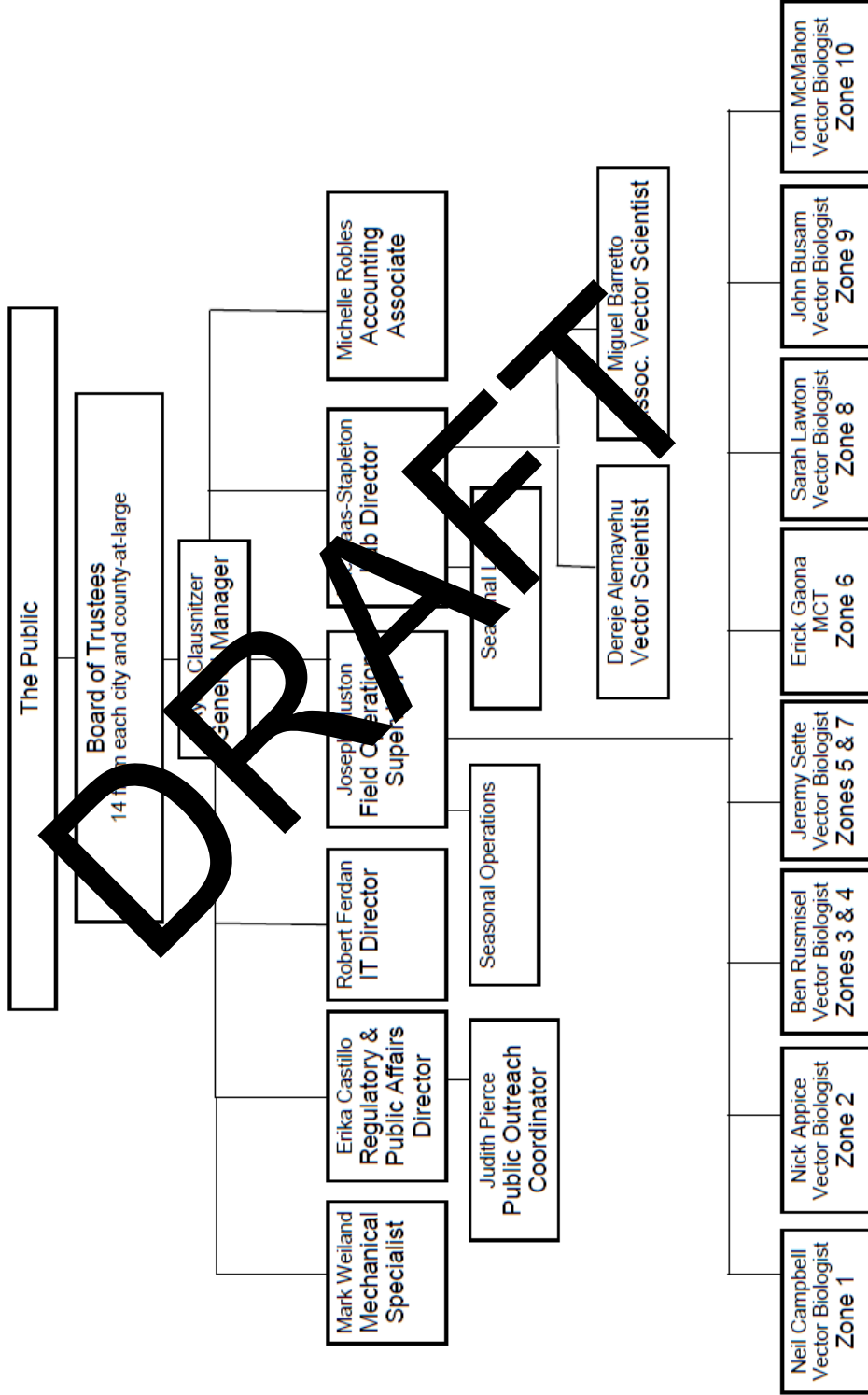


# ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

## Service Area Map with Cities Served



# Alameda County Mosquito Abatement District-2020



Revised 7.20.2020

This Page Left Intentionally Blank

**FINANCIAL SECTION**

This Page Left Intentionally Blank

## INDEPENDENT AUDITOR'S REPORT

Board of Trustees  
Alameda County Mosquito Abatement District  
Hayward, California

### ***Report on Financial Statements***

We have audited the accompanying financial statements of the governmental activities and general fund of the Alameda County Mosquito Abatement District (District), California, as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the Table of Contents.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the District's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## ***Opinions***

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and general fund of the Alameda County Mosquito Abatement District as of June 30, 2021, and the respective changes in financial position thereof and the budgetary comparisons listed in the Table of Contents as part of the basic financial statements for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## ***Change in Accounting Principles***

Management adopted the provisions of the following Governmental Accounting Standards Board Statement, which became effective during the year ended June 30, 2021 had material effects on the financial statements as discussed in Note 2K to the financial statements:

Statement No. 84 – *Fiduciary Activities*

Management early adopted the provisions of Government Accounting Standards Board Statement No 98 – The Annual Comprehensive Financial Report, which changed the name of the Comprehensive Annual Financial Report to Annual Comprehensive Financial Report.


## ***Other Matters***

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that Management's Discussion and Analysis and other Required Supplementary Information as listed in the Table of Contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

The Introductory and Statistical Sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

  
Pleasant Hill, California  
November 19, 2021

Alameda County Mosquito Abatement District  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**

For the Year Ended June 30, 2021

(Unaudited)

This section of Alameda County Mosquito Abatement District's (the District's) basic financial statements presents management's overview and analysis of the financial activities of the District for the fiscal year ended June 30, 2021. We encourage the reader to consider the information presented here in conjunction with the District's basic financial statements, including notes and supplementary information that immediately follow this section, as a whole.

### **Introduction to the Basic Financial Statements**

This discussion and analysis is intended to serve as an introduction to the District's audited financial statements, which are comprised of the basic financial statements. This annual report is prepared in accordance with the Governmental Accounting Standards Board (GASB) Statement No. 34, Basic Financial Statements - and *Management's Discussion and Analysis – for States and Local Governments*. The Single Governmental Program for Special Purpose Governments reporting model is used which best represents the activities of the District.

The required financial statements include the Government-wide and Fund Financial Statements; Statement of Net Position and Governmental Fund Balance Sheet; Statement of Activities and Governmental Fund Statement of Revenues, Expenditures and Changes in Fund Balances; and the Statement of Revenues, Expenditures and Changes in Fund Balances-Budget and Actual-All Governmental Fund Types.

These statements are supported by notes to the basic financial statements. All sections must be considered together to obtain a complete understanding of the financial picture of the District.

### **The Basic Financial Statements**

The Basic Financial Statements comprise the Government-wide Financial Statements and the Fund Financial Statements; these two sets of financial statements provide two different views of the District's financial activities and financial position.

The Government-wide Financial Statements provide a longer-term view of the District's activities as a whole and comprise the Statement of Net Position and the Statement of Activities. The Statement of Net Position provides information about the financial position of the District as a whole, including all of its capital assets and long-term liabilities on the full accrual basis, similar to that used by corporations. The Statement of Activities provides information about all of the District's revenues and all of its expenses, also on the full accrual basis, with the emphasis on measuring net revenues or expenses of the District's programs. The Statement of Activities explains in detail the change in Net Position for the year.

All of the District's activities are grouped into Government Activities, as explained below.

The Fund Financial Statements report the District's operations in more detail than the Government-wide statements and focus primarily on the short-term activities of the District's General Fund and other Major Funds. The Fund Financial Statements measure only current revenues and expenditures and fund balances; they exclude capital assets, long-term debt, and other long-term amounts.

Major Funds account for the major financial activities of the District and are presented individually. Major Funds are explained below.



Alameda County Mosquito Abatement District  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
For the Year Ended June 30, 2021  
(Unaudited)

**The Government-wide Financial Statements**

Government-wide Financial Statements are prepared on the accrual basis, which means they measure the flow of all economic resources of the District as a whole.

The Statement of Net Position and the Statement of Activities present information about the following:

Governmental Activities - The District's basic services are considered to be governmental activities. These services are supported by general District revenues such as taxes, and by specific program revenues such as user fees and charges.

**Fund Financial Statements**

The Fund Financial Statements provide detailed information about each of the District's most significant funds, called Major Funds. The concept of Major Funds, and the determination of which are Major Funds, was established by GASB Statement No. 34 and replaces the concept of combining like funds and presenting them in total. Instead, each Major Fund is presented individually; the District has no Non-major Funds. Major Funds present the major activities of the District for the year and may change from year-to-year as a result of changes in the pattern of the District's activities.

In the District's case, the General Fund is the only Major Governmental Fund.

Governmental Fund Financial Statements are prepared on the modified accrual basis, which means they measure only current financial resources and uses. Capital assets and other long-lived assets, along with long-term liabilities, are not presented in the Governmental Fund Financial Statements.

Comparisons of Budget and Actual financial information are presented for the General Fund.

**Analyses of Major Funds**

**Governmental Funds**

General Fund revenues increased by \$259,852 this fiscal year.

General Fund expenditures were \$3,845,266 a decrease of \$341,576 from the prior year.

Alameda County Mosquito Abatement District  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
For the Year Ended June 30, 2021  
(Unaudited)

**Governmental Activities**

	<u>Governmental Net Position</u>	
	<u>Governmental Activities</u>	
	<u>2021</u>	<u>2020</u>
<u>Assets</u>		
Current and other assets	\$ 10,699,709	\$ 9,107,233
Non Current assets	4,915,489	4,433,104
Total assets	<u>15,615,498</u>	<u>13,540,337</u>
Deferred outflows of resources	<u>936,411</u>	<u>1,056,534</u>
<u>Liabilities</u>		
Current liabilities	394,994	355,867
Long-term liabilities	<u>3,603,091</u>	<u>3,277,554</u>
Total liabilities	<u>3,998,085</u>	<u>3,633,421</u>
Deferred inflows of resources	<u>(1,463,297)</u>	<u>(1,221,450)</u>
<u>Net Position</u>		
Net investment capital assets, net of debt	2,393,026	2,609,548
Unrestricted	<u>8,697,501</u>	<u>7,132,452</u>
Total net position	<u>\$ 11,090,527</u>	<u>\$ 9,742,000</u>

The District's governmental net position amounted to \$11,090,527 as of June 30, 2021, an increase of \$1,348,527 from 2020, before the prior period beginning balance restatement, due to the implementation of GASB 75. The District's net position as of June 30, 2021 is comprised of the following:

- Cash and investments of \$10,699,709
- Capital assets of \$2,393,026 net of depreciation charges, which includes all the District's capital assets used in governmental activities.
- Net OPEB assets of \$2,522,763 an increase of \$699,207 from \$1,823,556 due to implementation of GASB 75.
- Liabilities, including accounts payable of \$186,765 , compensated absences of \$208,229, and net pension liability of \$3,603,091
- Net position invested in capital assets, net of related debt, of \$2,393,026 representing the District's investment in capital assets used in Governmental Activities, net of amounts borrowed to finance that investment. The District has no long-term debt.

Alameda County Mosquito Abatement District  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**

For the Year Ended June 30, 2021

(Unaudited)

- Unrestricted net position, the part of net position that can be used to finance day-to-day operations without constraints established by debt covenants or other legal requirements or restrictions. The District had \$8,697,501 of unrestricted net position as of June 30, 2021.

The Statement of Activities presents program revenues and expenses and general revenues in detail. All of these are elements in the Changes in Governmental Net Position summarized in the following table.

Table 2

Changes in Governmental Net Position

	Governmental Activities	
	2021	2020
<u>Expenses</u>		
Mosquito control	\$ 4,058,027	\$ 4,765,364
Total expenses	4,058,027	4,765,364
 <u>General Revenues</u>		
Property Taxes	2,624,188	2,502,132
Redevelopment distributions	364,485	297,598
Special assessments	1,962,192	1,951,959
Governmental aid (Homeowners Property Tax Relief, State Subvention)	15,854	16,055
Transfer from OPEB trust	-	-
Miscellaneous	203,268	202,459
Interest income	236,567	176,499
Total revenues	5,406,554	5,146,702
Change in net position	\$ 1,348,527	\$ 381,338

As Table 2 above shows, all the District's fiscal year 2021 governmental revenue of \$5,406,554 came from general revenues such as taxes and interest.

General revenues are not allocable to programs. General revenues are used to pay for the net cost of governmental programs.

Capital Assets

Detail on capital assets and current year additions can be found in Note 4.

Debt Administration

The District currently does not utilize long-term debt to fund operations or growth.

Alameda County Mosquito Abatement District  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
For the Year Ended June 30, 2021  
(Unaudited)

Economic Outlook and Major Initiatives

The District's financial position continues to be more than adequate. Financial planning is based on specific assumptions from recent trends in property values, State of California economic forecasts and historical growth patterns in the various communities served by the District.

The District continues to face increases in salaries, benefits, fund, pesticides and insurance. There are also calls for changes in property tax allocation from State control to more local control.

Contacting the District Financial Management

This comprehensive Annual Financial Report is intended to provide citizens, taxpayers, and creditors with a general overview of the District's finances. Questions regarding this report should be directed to: General Manager of Alameda County Mosquito Abatement District, 23187 Connecticut Street, Hayward, CA, 94545.

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
STATEMENT OF NET POSITION  
JUNE 30, 2021

	Governmental Activities
<b>ASSETS</b>	
Current assets:	
Cash and investments (Note 3)	\$8,841,826
Restricted Cash and investments (Note 3)	1,849,337
Accounts receivable	8,546
Total current assets	10,699,709
Non current assets:	
Capital assets, nondepreciable (Note 4)	61,406
Capital assets, depreciable, net of accumulated depreciation (Note 4)	2,331,620
Net OPEB asset (Note 8)	2,522,763
Total non current assets	4,915,789
Total Assets	15,615,498
<b>DEFERRED OUTFLOWS OF RESOURCES</b>	
Pension related (Note 7)	936,411
Total deferred outflows of resources	936,411
<b>LIABILITIES</b>	
Current liabilities:	
Accounts payable	186,765
Compensated absences (Note 2F)	208,229
Total current liabilities	394,994
Non current liabilities:	
Net pension liability (Note 7)	3,603,091
Total non current liabilities	3,603,091
Total liabilities	3,998,085
<b>DEFERRED INFLOWS OF RESOURCES</b>	
Pension related (Note 7)	208,602
OPEB related (Note 8)	1,254,695
Total deferred inflows of resources	1,463,297
<b>NET POSITION (Note 2J)</b>	
Net investment in capital assets	2,393,026
Unrestricted	8,697,501
Total Net Position	\$11,090,527

See accompanying notes to financial statements

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
STATEMENT OF ACTIVITIES  
FOR THE YEAR ENDED JUNE 30, 2021

Functions/Programs	Expenses	Program Revenues Charges for Services	Net (Expense) Revenue and Change in Net Position
			Governmental Activities
Governmental Activities:			
District operations	\$4,058,027	\$1,962,192	(\$2,095,835)
Total Governmental Activities	\$4,058,027	\$1,962,192	(2,095,835)
General revenues:			
Property taxes			2,624,188
Redevelopment agency property tax increment			364,485
Government aid tax			15,854
Interest			19,208
Interest - PARS			217,359
Miscellaneous			203,268
Total General Revenues			3,444,362
Change in Net Position			1,348,527
Net Position - Beginning			9,742,000
Net Position - Ending			\$11,090,527

See accompanying notes to financial statements

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 GOVERNMENTAL FUND - GENERAL FUND  
 BALANCE SHEET  
 JUNE 30, 2021

ASSETS

Cash and investments (Note 3)	\$8,841,826
Restricted Cash and investments (Note 3)	1,849,337
Accounts receivable	<u>8,546</u>
 Total Assets	 <u><u>\$10,699,709</u></u>

LIABILITIES

Accounts payable	<u>\$186,765</u>
 Total Liabilities	 <u>186,765</u>

FUND BALANCES

Assigned for capital projects	4,205,178
Assigned for dry period cash	<u>6,307,766</u>
 Total Fund Balances	 <u>10,512,944</u>
 Total Liabilities and Fund Balances	 <u><u>\$10,699,709</u></u>

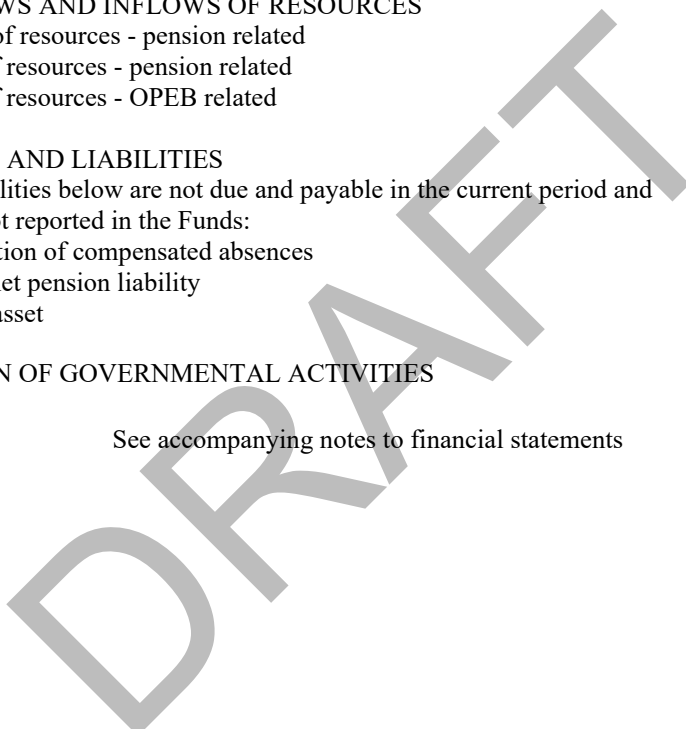
See accompanying notes to financial statements

DRAFT

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 Reconciliation of the  
 GOVERNMENTAL FUNDS - BALANCE SHEET  
 with the  
 STATEMENT OF NET POSITION  
 JUNE 30, 2021

Total fund balances reported on the governmental funds balance sheet	\$10,512,944
<p>Amounts reported for Governmental Activities in the Statement of Net Position are different from those reported in the Governmental Funds above because of the following:</p>	
<b>CAPITAL ASSETS</b>	
Capital assets used in Governmental Activities are not current assets or financial resources and therefore are not reported in the Governmental Funds.	2,393,026
<b>DEFERRED OUTFLOWS AND INFLOWS OF RESOURCES</b>	
Deferred outflows of resources - pension related	936,411
Deferred inflows of resources - pension related	(208,602)
Deferred inflows of resources - OPEB related	(1,254,695)
<b>LONG TERM ASSETS AND LIABILITIES</b>	
The assets and liabilities below are not due and payable in the current period and therefore are not reported in the Funds:	
Current portion of compensated absences	(208,229)
Collective net pension liability	(3,603,091)
Net OPEB asset	2,522,763
<b>NET POSITION OF GOVERNMENTAL ACTIVITIES</b>	<u><u>\$11,090,527</u></u>

See accompanying notes to financial statements





ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 GOVERNMENTAL FUND - GENERAL FUND  
 STATEMENT OF REVENUES, EXPENDITURES  
 AND CHANGES IN FUND BALANCE  
 FOR THE YEAR ENDED JUNE 30, 2021

REVENUES	
Property taxes	\$2,624,188
Redevelopment agency property tax increment	364,485
Special assessments	1,962,192
Government aid tax (Homeowners Property Tax Relief, State Subvention)	15,854
Interest	19,208
Interest - PARS	217,359
Miscellaneous	203,268
	<hr/>
Total Revenues	5,406,554
	<hr/>
EXPENDITURES	
Salaries and fringe benefits	2,990,918
Materials, supplies and services	817,384
Capital outlay	36,964
	<hr/>
Total Expenditures	3,845,266
	<hr/>
NET CHANGE IN FUND BALANCE	1,561,288
BEGINNING FUND BALANCE	\$8,951,656
	<hr/>
ENDING FUND BALANCE	\$10,512,944
	<hr/> <hr/>

See accompanying notes to financial statements

DRAFT

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 Reconciliation of the  
 NET CHANGE IN FUND BALANCES - TOTAL GOVERNMENTAL FUNDS  
 with the  
 STATEMENT OF ACTIVITIES  
 FOR THE YEAR ENDED JUNE 30, 2021

The schedule below reconciles the Net Changes in Fund Balances reported on the Governmental Funds Statement of Revenues, Expenditures and Changes in Fund Balance, which measures only changes in current assets and current liabilities on the modified accrual basis, with the Change in Net Position of Governmental Activities reported in the Statement of Activities, which is prepared on the full accrual basis.

NET CHANGE IN FUND BALANCES - TOTAL GOVERNMENTAL FUNDS	\$1,561,288
Amounts reported for governmental activities in the Statement of Activities are different because of the following:	
CAPITAL ASSETS TRANSACTIONS	
Governmental Funds report capital outlays as expenditures. However, in the Statement of Activities the cost of those assets is capitalized and allocated over their estimated useful lives and reported as depreciation expense.	(216,522)
NON-CURRENT ITEMS	
The amounts below included in the Statement of Activities do not provide or (require) the use of current financial resources and therefore are not reported as revenue or expenditures in governmental funds (net change):	
Compensated absences	(7,939)
Pension expense, net of deferred inflows and outflows	(364,598)
Salary and benefit expenses related to OPEB	376,298
	376,298
CHANGE IN NET POSITION OF GOVERNMENTAL ACTIVITIES	\$1,348,527

See accompanying notes to financial statements

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
GENERAL FUND  
STATEMENT OF REVENUES, EXPENDITURES  
AND CHANGES IN FUND BALANCE  
BUDGET AND ACTUAL  
FOR THE YEAR ENDED JUNE 30, 2021

	Original & Final Budget	Actual	Variance with Final Budget Positive (Negative)
<b>REVENUES</b>			
Property taxes	\$2,300,000	\$2,624,188	\$324,188
Redevelopment agency property tax increment		364,485	364,485
Special assessments	1,821,600	1,962,192	140,592
Governmental aid (Homeowners Property Tax Relief, State Subvention)		15,854	15,854
Interest	30,000	19,208	(10,792)
Interest - PARS		217,359	217,359
Miscellaneous	194,913	203,268	8,355
Total Revenues	<u>4,346,513</u>	<u>5,406,554</u>	<u>1,060,041</u>
<b>EXPENDITURES</b>			
Salaries and fringe benefits	3,097,836	2,990,918	106,918
Materials, supplies and services	1,118,188	817,384	300,804
Capital outlay	59,000	36,964	22,036
Total Expenditures	<u>4,275,024</u>	<u>3,845,266</u>	<u>429,758</u>
<b>EXCESS (DEFICIENCY) OF REVENUES OVER REVENUES</b>	<u>\$71,489</u>	1,561,288	<u>\$1,489,799</u>
<b>BEGINNING FUND BALANCE</b>		<u>\$8,951,656</u>	
<b>ENDING FUND BALANCE</b>		<u>\$10,512,944</u>	

See accompanying notes to financial statements

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 1 – GENERAL**

The Alameda County Mosquito Abatement District (the District) is a special district established in 1930 and empowered to take all necessary and proper steps for the control of mosquitoes within the District's service area.<sup>1</sup>

The District evaluated whether any other entity should be included in these basic financial statements. The basic, but not the only, criterion for including a governmental department, agency, institution, commission, public authority, or other governmental organization in a governmental unit's reporting entity for general purpose financial reports is the ability of the governmental unit's elected officials to exercise oversight responsibility over such agencies. Oversight responsibility implies that one governmental unit is dependent on another and that the dependent unit should be reported as part of the other. Oversight responsibility is derived from the governmental unit's power and includes, but is not limited to:

- Financial interdependency
- Selection of governing authority
- Designation of management
- Ability to significantly influence operations
- Accountability for fiscal matters

Based upon the above criteria, the District determined that it had no component units as of June 30, 2021, or during the fiscal year then ended.

**NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

***A. Accounts and Records***

The District maintains a cash receipts journal for recording fees collected at 23187 Connecticut Street, Hayward, CA 94545. The assessment of property, collection of taxes, disbursement of cash, and the maintenance of the general ledger for all funds are provided by the County of Alameda. Custodianship of the District's accounts and records is vested with the Auditor Controller of Alameda County (the County).

***B. Accounting Principles***

The District accounts for its financial transactions in accordance with the policies and procedures recommended by the State of California. The accounting policies of the District conform to U.S. generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board (GASB) and the American Institute of Certified Public Accountants (AICPA).

1) Government-wide and Fund Financial Statements:

The Government-wide Financial Statements (the Statement of Net Position and the Statement of Activities) report on the District as a whole. The Statement of Activities demonstrates the degree to which the direct expenses of the District's functions are offset by program revenues.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

Direct expenses are those that are clearly identifiable with the District's functions. Program revenues include charges for services. Other items not properly included among program revenues are reported instead as general revenues. The District's General Fund is presented as a separate financial statement (Balance Sheet and the Statement of Revenues, Expenditures and Changes in Fund Balance).

2) Measurement Focus, Basis of Accounting and Financial Statement Presentation:

Government-wide Financial Statements

The Statement of Net Position and the Statement of Activities are prepared using the *economic resources* measurement focus and the *accrual* basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred regardless of the timing of the related cash flows. Grants and similar items are recognized as revenues as soon as all eligibility requirements imposed by the provider have been met.

Fund Financial Statements

Governmental fund financial statements are reported using the *current financial resources measurement focus* and the *accrual basis of accounting*. Revenues are recognized as soon as they are both *measurable and available*. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the District considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, as under accrual accounting.

The District reports the following major governmental fund:

*General Fund:* This is the general operating fund of the District. It is used to account for all financial resources except those required to be accounted for in another fund. There are no other funds of the District.

3) Use of Estimates:

The process of preparing the basic financial statements in conformity with U.S. generally accepted accounting principles requires the use of estimates and assumptions regarding certain types of assets, liabilities, revenues, and expenditures/ expenses. Such estimates primarily relate to unsettled transactions and events as of the date of the basic financial statements. Accordingly, upon settlement, actual results may differ from estimated amounts.

**C. Budget and Budgetary Accounting**

The District annually adopts a budget for its General Fund to be effective July 1 for the ensuing fiscal year. The District's Board may amend the budget by resolution during the fiscal year and approves all budgetary transfers.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

***D. Fair Value Measurements***

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The fair value hierarchy categorizes the inputs to valuation techniques used to measure fair value into three levels based on the extent to which inputs used in measuring fair value are observable in the market.

Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities.

Level 2 inputs are inputs – other than quoted prices included within level 1 – that are observable for an asset or liability, either directly or indirectly.

Level 3 inputs are unobservable inputs for an asset or liability.

If the fair value of an asset or liability is measured using inputs from more than one level of the fair value hierarchy, the measurement is considered to be based on the lowest priority level input that is significant to the entire measurement.

***E. Capital Assets***

Capital assets are those purchased or acquired with an original cost of \$5,000 or more and are reported at historical cost or estimated historical cost. Contributed assets are reported at fair market value as of the date received. Additions, improvements, and other capital outlays that significantly extend the useful life of an asset are capitalized. The costs of normal maintenance and repairs that do not add to the value of the assets or materially extend the asset's lives are not capitalized, but are expensed as incurred.

Depreciation on all capital assets is computed using a straight-line basis over the following estimated useful lives:

<u>Class</u>	<u>Estimated Useful Life in Years</u>
Land	Not Depreciable
Structures and Improvements	5 - 39
Machinery and Equipment	5 - 7

***F. Compensated Absences***

All vacation pay is accrued when incurred. Employee compensated absences hours are capped at 400 hours. It is typical for compensated abscess to be used within a year so it is shown as all current. Compensated absences for the year ended June 30, 2021 is as follows:

<u>Balance at June 30, 2020</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance at June 30, 2021</u>
<u>\$200,290</u>	<u>\$163,793</u>	<u>(\$155,854)</u>	<u>\$208,229</u>

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

***G. Pensions, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions***

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Alameda County Mosquito Abatement District's California Public Employees' Retirement System (CalPERS) plans (Plans) and additions to/deductions from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

***H. OPEB Liabilities, OPEB Expenses and Deferred Outflows/Inflows of Resources Related to OPEB***

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the District's OPEB Plan and additions to/deductions from the OPEB Plan's fiduciary net position have been determined on the same basis as they are reported by PARS Trust. For this purpose, benefit payments are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value.

***I. Fund Equity***

The accompanying basic financial statements reflect certain changes that have been made with respect to the reporting of the components of fund balances for governmental funds. In previous years, fund balances for governmental funds were reported in accordance with previous standards that included components for reserved fund balance, unreserved fund balance, designated fund balance, and undesignated fund balance. Due to the implementation of GASB Statement No. 54, the components of the fund balances of governmental funds now reflect the component classifications described below. In the fund financial statements, governmental fund balances are reported in the following classifications:

Nonspendable fund balance includes amounts that are not in a spendable form, such as prepaid items or supplies inventories, or that are legally or contractually required to remain intact, such as principal endowments.

Restricted fund balance includes amounts that are subject to externally enforceable legal restrictions imposed by outside parties (i.e., creditors, grantors, contributors) or that are imposed by law through constitutional provisions or enabling legislation.

Committed fund balance includes amounts whose use is constrained by specific limitations that the government imposes upon itself, as determined by a formal action of the highest level of decision making authority. The Board of Trustees serves as the District's highest level of decision-making authority and has the authority to establish, modify or rescind a fund balance commitment via minutes action.

Assigned fund balance includes amounts intended to be used by the District for specific purposes, subject to change, as established either directly by the Board of Trustees or by management officials to whom assignment authority has been delegated by the Board of Trustees.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

Unassigned fund balance is the residual classification that includes spendable amounts in the General Fund that are available for any purpose.

When expenditures are incurred for purposes for which both restricted and unrestricted (committed, assigned or unassigned) fund balances are available, the District specifies that restricted revenues will be applied first. When expenditures are incurred for purposes for which committed, assigned or unassigned fund balances are available, the District's policy is to apply committed fund balance first, then assigned fund balance, and finally unassigned fund balance.

***J. Net Position***

GASB Statement No. 34 added the concept of Net Position. The Statement of Net Position reports the difference between the District's total assets and the District's total liabilities, including all the District's long-term assets and debt. The Statement of Net Position presents similar information to the old balance sheet format but presents it in a way that focuses the reader on the composition of the District's net position, by subtracting total liabilities from total assets.

The Statement of Net Position breaks out net position as follows:

*Restricted* describes the portion of net position that is restricted as to use by the terms and conditions of agreements with outside parties, governmental regulations, laws, or other restrictions that the District cannot unilaterally alter.

*Unrestricted* describes the portion of net position that is not restricted from use.

*Net investment in capital assets*, describes the portion of net position that is represented by the current net book value of the District's capital assets, less the outstanding balance of any debt issued to finance these assets.

***K. New GASB Pronouncements***

Management adopted the provisions of the following Governmental Accounting Standards Board (GASB) Statement, which became effective during the year ended June 30, 2021.

**GASB 84 – *Fiduciary Activities*** – The objective of this Statement is to improve guidance regarding the identification of fiduciary activities for accounting and financial reporting purposes and how those activities should be reported. The District implemented the provisions of this Statement during the year ended June 30, 2021. As a result, the District determined that the activities of the Other Post-Employment Benefit Trust should no longer be reported in the Other Post-Employment Benefit Trust Fund, since the District does not have control of the assets of the OPEB Plan as a whole. Therefore, the Other Post-Employment Benefit Trust Fund is no longer reported in the financial statements as of July 1, 2020.



**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 3 – CASH AND INVESTMENTS**

Cash and investments consisted of the following as of June 30, 2021:

	<u>Carrying Value</u>
Governmental Activities:	
Cash and Investments:	
Pooled cash with County Treasury	\$375,132
California Local Agency Investment Fund	4,128,034
Cash with VCJPA	373,610
Cash in Bank of America	103,224
CAMP	3,531,529
Bank of the West	330,297
Total cash and investments	\$8,841,826
Restricted Cash and Investments:	
PARS (Moderately Conservative Highmark Plus)	\$1,849,337

Investments are reported at fair value. The District adjusts the carrying value of its investments, if material, to reflect their fair value at the fiscal year end and includes the effect of these adjustments in income for that fiscal year. Investments in equity securities, corporate bonds and issues of the U.S. Government are valued at the last reported sales price of the fiscal year end. International securities reflect current exchange rates in effect at the fiscal year end. Purchases and sales of securities are recorded on a trade date basis.

**A. Custodial Credit Risk – Deposits**

For investments, custodial risk is the risk that in the event of failure of a depository financial institution or a counter party (e.g., broker-dealer) to a transaction, the District will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The District's PARS Trust is held by a third-party custodian, U.S. Bank. Securities held on the District's behalf by its third-party custodian are not at risk or commingled with other entities' securities, therefore removing the custodial risk for the District.

California Law requires banks and savings and loan associations to pledge government securities with a market value of 110% of the District's cash on deposit or first trust deed mortgage notes with a value of 150% of the deposit as collateral for these deposits. Under California Law, this collateral is held in the District's name and places the District ahead of general creditors of the institution.

**B. Investments**

The District's cash and investments with the County Treasurer are invested under policy guidelines established by the County. Credit risk information regarding the cash held by the Treasurer is included in the Annual Comprehensive Financial Report of the County of Alameda.

The credit risk regarding the investment in the Vector Control Joint Powers Agency (VCJPA) is included in the financial statements of the Vector Control Joint Powers Agency which can be obtained at [vcjpa.org](http://vcjpa.org).

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT**  
**NOTES TO BASIC FINANCIAL STATEMENTS**  
**For the Year Ended June 30, 2021**

**NOTE 3 – CASH AND INVESTMENTS (Continued)**

**LAIF** - The District voluntarily participates in LAIF (Local Agency Investment Fund), regulated under Section 16429 of the State Government Code. LAIF allows local agencies such as the District to participate in a Pooled Money Investment Account managed by the State Treasurer Office and overseen by the Pooled Money Investment Board and the State Treasurer Investment Committee. A Local Agency Investment Advisory Board oversees LAIF. The fair value of the District's position in the pool is the same as the value of its pool shares. The total amount invested by all public agencies in LAIF as of June 30, 2021 was approximately \$193.3 billion. The District had a contractual withdrawal value of \$4,128,034 in LAIF. At June 30, 2021, these investments matured in an average of 291 days.

**CAMP** - The District voluntarily participates in CAMP (California Asset Management Trust). The Trust is organized and operated in a manner and in accordance with objectives and policies intended to preserve principal, provide liquidity so that Shareholders will have ready access to their pooled funds, provide a high level of current income consistent with preserving principal and maintaining liquidity, and place investments, document investment transactions, in respect to the investment of debt issuances, and account for funds in a manner that is in compliance with the arbitrage rebate and yield restrictions requirements as set forth in the Internal Revenue Code and related U.S. Treasury regulations. The Trust's Investment Advisor currently invests available cash in the Pool, in a limited list of investments authorized by California Government Code Section 53601. The District reports its investments in CAMP at the fair value amounts provided by CAMP, which is the same as the value of the pool share. At June 30, 2021, these investments matured in an average of 52 days. As of June 30, 2021, the investments had an ending balance of \$3,531,529.

**PARS** – The District established a Section 115 Pension Trust Fund with Public Agency Retirement Services (PARS). PARS, the trust administrator, partners with U.S. Bank and Highmark Capital Management to provide trustee and investment advisory services, respectively. This trust was established to set aside moneys to meet the District's future pension contributions or unfunded liabilities. The fair value on the account at June 30, 2021 was \$1,849,337. Financial statements of PARS may be obtained from PARS, 4350 Von Karman Avenue, Suite 100, Newport Beach, CA 92660.

**C. Custodial Credit Risk – Investments**

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligations to the holder of the investment. The Trust's investment policy requires all securities to be held by a third party custodian designated by the Trust's Board. The investment policy also provides that this risk be mitigated by investing in investment grade securities and by diversifying the investment portfolio. As of June 30, 2021, no investments were exposed to custodial credit risk.

**D. Concentration of Credit Risk**

The Trust's investment policy requires diversification of the investment portfolio to minimize risk of loss resulting from over-concentration in a particular type of security, risk factor, issuer or maturity. As of June 30, 2021, 59% of the funds' assets were held in equity mutual funds and 41% in fixed income mutual funds.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 3 – CASH AND INVESTMENTS (Continued)**

***E. Fair Value Hierarchy***

The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure fair value of the assets. Level 1 inputs are quoted prices in an active market for identical assets; Level 2 inputs are significant other observable inputs; and Level 3 inputs are significant unobservable inputs.

The following is a summary of the fair value hierarchy of the fair value of investments of the District as of June 30, 2021:

Governmental Activities:	Level 2	Total
Pooled cash with County Treasury	\$375,132	\$375,132
<b><i>Investments Exempt from Fair value Hierarchy:</i></b>		
California Local Agency Investment Fund		4,128,034
CAMP		3,531,529
PARS (Moderately Conservative Highmark Plus)		1,849,337
Cash with VCJPA		373,610
Cash in bank		433,521
Total cash and investments	\$375,132	\$10,691,163

As of June 30, 2021, the District had \$375,132 of cash and investments pooled with the County that is classified in Level 2 of the fair value hierarchy. The fair value of the pooled investment fund is provided by the County Treasurer and is valued using quoted prices for identical instruments in markets that are not active. Fair value is defined as the quoted market value on the last trading day of the period. These prices are obtained from various pricing sources.

***F. Interest Rate Risk***

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. The Trust's investment policy provides that the exposure to interest rate risk be mitigated by purchasing a diverse combination of shorter term and longer term investments. Information about the sensitivity of the fair value of investments, held by the trustee, to market interest rate fluctuations is provided in the table below:

Governmental Activities:	Investment Maturity (In Years)			Investment Rating
	Fair Value	Less than One	One to Five	
Pooled cash with County Treasury	\$375,132	\$139,324	\$235,808	AA
California Local Agency Investment Fund	4,128,034	4,128,034		Not rated
Cash with VCJPA	373,610	373,610		Not rated
Cash in Bank of America	103,224	103,224		Not rated
Bank of the West	330,297	330,297		Not rated
CAMP	3,531,529	3,531,529		Not rated
PARS (Moderately Conservative Highmark Plus)	1,849,337	1,849,337		Not rated
Total cash and investments	\$10,691,163	\$10,455,355	\$235,808	

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 4 – CAPITAL ASSETS**

An analysis of capital assets at June 30, 2021, is as follows:

	<u>Balance June 30, 2020</u>	<u>Additions</u>	<u>Balance June 30, 2021</u>	<u>NBV June 30, 2021</u>
<i><b>Governmental activities</b></i>				
Capital assets not being depreciated:				
Land	\$61,406		\$61,406	\$61,406
Total capital assets not being depreciated	<u>61,406</u>		<u>61,406</u>	<u>\$61,406</u>
Capital assets being depreciated:				
Structures and improvements	4,760,618		4,760,618	\$2,155,986
Machinery and equipment	1,751,859	\$18,000	1,769,859	175,634
Total capital assets being depreciated	<u>6,512,477</u>	<u>18,000</u>	<u>6,530,477</u>	<u>\$2,331,620</u>
Less accumulated depreciation for:				
Structures and improvements	(2,485,267)	(119,365)	(2,604,632)	
Machinery and equipment	(1,479,068)	(115,157)	(1,594,225)	
Total accumulated depreciation	<u>(3,964,335)</u>	<u>(234,522)</u>	<u>(4,198,857)</u>	
Total depreciable assets	<u>2,548,142</u>	<u>(\$216,522)</u>	<u>2,331,620</u>	
Total capital assets - net of depreciation	<u>\$2,609,548</u>		<u>\$2,393,026</u>	

**NOTE 5 – PROPERTY TAX LEVY, COLLECTIONS AND MAXIMUM RATES**

The State of California (the State) Constitution Article XIII A provides that the combined maximum property tax rate on any given property may not exceed 1% of its assessed value unless voters have approved an additional amount. Assessed value is calculated at 100% of market value as defined by Article XIII A and may be increased by no more than 2% per year unless the property is sold or transferred. The State Legislature has determined the method of distribution of receipts from a 1% tax levy among counties, cities, school districts and other districts. Counties, cities, school districts and other districts may levy such additional tax as is necessary to provide for voter approved debt service.

The County of Alameda assesses properties, bills, and collects property taxes as follows:

	<u>Secured</u>	<u>Unsecured</u>
Valuation dates	March 1	March 1
Lien/levy dates	July 1	July 1
Due dates	50% on February 1 50% on February 1	Upon receipt of billing
Delinquent as of	December 10 (for November) April 10 (for February)	August 31

The term “unsecured” refers to taxes on property not secured by lines on real property.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 5 – PROPERTY TAX LEVY, COLLECTIONS AND MAXIMUM RATES (Continued)**

Property taxes levied are recorded as revenue when received, in the fiscal year of levy, due to the adoption of the "alternate method" of property tax distribution, known as the Teeter Plan, by the District and the County. The Teeter Plan authorizes the auditor/controller of the County to allocate 100% of the secured property taxes billed, but not yet paid. The County remits tax monies to the District in three installments as follows:

50% remitted on December 15  
40% remitted on April 15  
10% remitted on June 30

**NOTE 6 – SELF-INSURANCE AND JOINT POWERS AGENCY**

The District participates with other districts in the Vector Control Joint Powers Agency ("VCJPA") The VCJPA was established under the provisions of California Government Code Section 6500 et seq.

The program covers the District's individual workers' compensation claims of \$500,000 for any one loss; excess insurance is obtained to cover individual claims at the statutory limit and \$5,000,000 for Employer's Liability. The District is self-insured for claims under \$500,000.

Annual premiums, based on the District's total payroll, are deposited in the District's separate Pooled Workers' Compensation Account (the Account) at the VCJPA. The Account is reduced by the District's share of all program claim settlements, excess insurance premiums and related administrative expenses. Three years after the end of each fiscal year, the VCJPA is to make a retroactive adjustment to refund/collect any remaining balance/deficit in the District's account. While the District's ultimate share of workers' compensation claim settlements and related administrative expenses is uncertain, the District's management does not believe it will have a material impact on the District's basic financial statements.

The District also participates in a pool for general liability coverage. The program covers comprehensive, general, errors and omissions, and automobile liability. The program covers individual claims for the first \$1,000,000 and purchases excess insurance from \$1,000,000 to \$29,000,000.

Annual premiums are deposited in the District's separate Liability Account at the VCJPA. The account is reduced by the District's share of all program claim settlement, excess insurance premiums and related administrative expenses. Five years after the end of each fiscal year, the VCJPA will make a retroactive adjustment to refund/collect any remaining balance/deficit in the District's account. While the District's ultimate share of liability claim settlement and related administrative expenses is uncertain, the District's management does not believe it will have a material impact on the District's basic financial statements. The \$373,610 in deposit with the VCJPA as of June 30, 2021, represents additional monies, under the District's control, which the District may use for future self-insurance related expenditures or any other purpose.

Deposits at the VCJPA bear interest based on the average daily balance maintained by each district. These deposits are managed by Bickmore Risk Services.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 7 – CALPERS PENSION PLAN**

**A. General Information about the Pension Plan**

**Plan Description**

All qualified permanent and probationary employees are eligible to participate in the District's separate Miscellaneous Employee Pension Plans, cost-sharing multiple employer defined benefit pension plans administered by the California Public Employees' Retirement System (CalPERS). Benefit provisions under the Plans are established by State statute and District resolution. CalPERS issues publicly available reports that include a full description of the pension plans regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website.

**Benefits Provided**

Benefits Provided - CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 10 years of service. The death benefit is one of the following: the Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost of living adjustments for each plan are applied as specified by the Public Employees' Retirement Law.

The Plan provisions and benefits in effect at June 30, 2021, are summarized as follows:

	Miscellaneous	
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2% at 55	2% at 62
Benefit vesting schedule	5 years service	5 years service
Benefit payments	monthly for life	monthly for life
Retirement age	50-55	52-67
Monthly benefits, as a % of eligible compensation	1.426% - 2.418%	1.000% - 2.50%
Required employee contribution rates	7.00%	7.25%
Required employer contribution rates	11.60%	7.73%
Required Unfunded Actuarial Liability Contribution	\$217,654	

Beginning in fiscal year 2016, CalPERS collects employer contributions for the Plan as a percentage of payroll for the normal cost portion as noted in the rates above and as a dollar amount for contributions toward the unfunded liability (UAL). The dollar amounts are billed on a monthly basis or can be paid in a lump sum at a reduced amount. The District elected to make the lump sum contributions and the required contribution for the unfunded liability was \$217,654 in fiscal year 2021, as shown in the table above.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 NOTES TO BASIC FINANCIAL STATEMENTS  
 For the Year Ended June 30, 2021**

**NOTE 7 – CALPERS PENSION PLAN (Continued)**

*Contributions* – Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers be determined on an annual *basis* by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for the Plans are determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The District is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. For the year ended June 30, 2021 the District contributed \$423,092 to the Plan.

**B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions**

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Plan and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by the CalPERS Financial Office. For this purpose, benefit payments (including refunds of employee contributions) are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value.

As of June 30, 2021, the District reported a net pension liability of \$3,603,091 for its proportionate shares of the net pension liability of the Plan.

The District's net pension liability for the Plans is measured as the proportionate share of the net pension liability. The net pension liability of the Plans is measured as of June 30, 2020, and the total pension liability for each Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2019 rolled forward to June 30, 2020 using standard update procedures. The District's proportion of the net pension liability was based on a projection of the District's long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined. The District's proportionate share of the net pension liability for each Plan as of June 30, 2019 and 2020 was as follows:

	Miscellaneous
Proportion - June 30, 2019	0.082%
Proportion - June 30, 2020	0.085%
Change - Increase (Decrease)	0.003%

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT**  
**NOTES TO BASIC FINANCIAL STATEMENTS**  
**For the Year Ended June 30, 2021**

**NOTE 7 – CALPERS PENSION PLAN (Continued)**

For the year ended June 30, 2021, the District recognized pension expense of \$787,691. At June 30, 2021, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$423,092	
Differences between expected and actual experience	185,678	
Changes of assumptions		(\$25,699)
Change in proportion and differences between employer contributions and proportionate share of contributions	220,605	(182,903)
Net difference between projected and actual earnings on pension plan investments	107,036	
Total	\$936,411	(\$208,602)

The \$423,092 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ended June 30	Annual Amortization
2022	\$81,616
2023	92,135
2024	79,629
2025	51,337



**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 NOTES TO BASIC FINANCIAL STATEMENTS  
 For the Year Ended June 30, 2021**

**NOTE 7 – CALPERS PENSION PLAN (Continued)**

*Actuarial Assumptions* – For the measurement period ended June 30, 2020, the total pension liability was determined by rolling forward the June 30, 2019 total pension liability. The June 30, 2019 total pension liability was based on the following actuarial methods and assumptions for both benefit tiers.

	Miscellaneous
Valuation Date	June 30, 2019
Measurement Date	June 30, 2020
Actuarial Cost Method	Entry-Age Normal Cost Method
<b>Actuarial Assumptions:</b>	
Discount Rate	7.15%
Inflation	2.50%
Payroll Growth	3.00%
Projected Salary Increases	Varies by Entry-Age and Service
Investment Rate of Return	7.15%(1)
Mortality Rate Table <sup>1</sup>	Derived using CalPERS Membership Data for all Funds
Post Retirement Benefit Increase	The lesser of contract COLA or 2.50% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.50% thereafter

(1) The mortality table used was developed based on CalPERS- specific data. The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and Post-retirement mortality rates include 15 years of projected mortality improvement using 90% of Scale MP-2016 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from December 2017 that can be found on the CalPERS website.

All the other actuarial assumptions used in the June 30, 2019 valuation were based on the results of a December 2017 actuarial experience study for the period 1997 to 2011, including updates to the salary increase, mortality and retirement rates. Further details of the Experience Study can be found on the CalPERS website under Forms and Publications.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 7 – CALPERS PENSION PLAN (Continued)**

**Discount Rate** – The discount rate used to measure the total pension liability for each Plan was 7.15%. The projection of cash flows used to determine the discount rate for each Plan assumed that contributions from all plan members in the Public Employees Retirement Fund (PERF) will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, each Plan’s fiduciary net position was projected to be available to make all projected future benefit payments of current plan members for all plans in the PERF. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability for each Plan.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical and forecasted information for all the funds’ asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses.

The table below reflects the long-term expected real rates of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. These rates of return are net of administrative expenses.

Asset Class (a)	New Strategic Allocation	Real Return Years 1 - 10(b)	Real Return Years 11+(c)
Global Equity	50.0%	4.80%	5.98%
Global Fixed Income	28.0%	1.00%	2.62%
Inflation Assets	0.0%	0.77%	1.81%
Private Equity	8.0%	6.30%	7.23%
Real Estate	13.0%	3.75%	4.93%
Liquidity	1.0%	0.00%	-0.92%
Total	<u>100%</u>		

(a) In the CalPERS Annual Comprehensive Financial Report, Fixed Income is included in Global Det Securities; liquidity is included in Short-term Investments; inflation Assets are included in both Global Equity Securities and Global Debt Securities.

(b) An expected inflation of 2.0% used for this period.

(c) An expected inflation of 2.92% used for this period.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 7 – CALPERS PENSION PLAN (Continued)**

*Sensitivity of the Proportionate Share of the Net Pension liability to Changes in the Discount Rate* – The following presents the District's proportionate share of the net pension liability for each Plan, calculated using the discount rate for each Plan, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Miscellaneous
1% Decrease	6.15%
Net Pension Liability	\$5,573,056
Current Discount Rate	7.15%
Net Pension Liability	\$3,603,091
1% Increase	8.15%
Net Pension Liability	\$1,975,371

Pension Plan Fiduciary Net Position – Detailed information about each pension plan's fiduciary net position is available in the separately issued CalPERS financial reports.

***Reduction of CalPERS Discount Rate***

In July 2021, CalPERS reported a preliminary 21.3% net return on investments for the 12-month period that ended June 30, 2021. Under the Funding Risk Mitigation Policy, approved by the CalPERS Board of Administration in 2015, the 21.3% net return will trigger a reduction in the discount rate used to calculate employer and Public Employees' Pension Reform Act (PEPRA) member contributions. The Funding Risk Mitigation Policy seeks to reduce CalPERS funding risk over time, in which CalPERS investment performance that significantly outperforms the discount rate will trigger adjustments to the discount rate, expected investment return, and strategic asset allocation targets. This is the first time it has been triggered. The discount rate, or assumed rate of return, will drop to 6.8%, from its current level of 7%.

Based on these preliminary fiscal year returns, the CalPERS has announced the funded status of the overall Public Employees Retirement Fund (PERF) is an estimated 82%. This estimate is based on a 7% discount rate. Under the new 6.8% discount rate, however, CalPERS indicated the funded status of the overall PERF drops to 80%. This is because existing assets are assumed to grow at a slightly slower rate annually into the future. As intended under the Funding Risk Mitigation Policy, the lower discount rate increases the likelihood that CalPERS can reach its target over the longer term. The CalPERS Board of Administration will continue to review the discount rate through its Asset Liability Management process during the rest of the calendar year.

CalPERS' final fiscal year 2021 investment performance will be calculated based on audited figures and will be reflected in contribution levels for contracting cities, counties, and special districts in fiscal year 2024.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 NOTES TO BASIC FINANCIAL STATEMENTS  
 For the Year Ended June 30, 2021**

**NOTE 8 – POST-EMPLOYMENT BENEFITS OTHER THAN RETIREMENT**

**A. General Information about the District’s Other Post Employment Benefit (OPEB) Plan**

*Plan Description.* As authorized by the District's Board of Trustees, the District administers a single employer defined benefit health care plan. The defined benefit post-employment healthcare plan provides medical benefits to eligible District employees who retire from the District at age 50 or older, are eligible for a CalPERS pension, and have been employed by the District for at least 10 years. The District joined the Public Agencies Post-Employment Benefits trust, a multiple employer trust administered by Public Agency Retirement Services (PARS) for the purpose of pre-funding other post-employment benefit obligations. This trust is not considered a component unit by the District and has been excluded from these financial statements. Separately issued financial statements for PARS may be obtained from PARS at 4350 Von Karman Ave., Suite 200, Newport Beach, CA 92660.

*Benefits Provided.* The District provides health care for employees and dependents (and also for retirees and their dependents) in accordance with the California Public Employees Medical and Hospital Care Act (PEMHCA), more commonly referred to as PERS Health. Employees may choose one of the following medical options: Kaiser HMO, PERSCare PPO, PERS Choice PPO, Anthem HMO Select, Anthem HMO Traditional, BSC Access +, HealthNet Smart Care, Kaiser Permanente, PERS Choice, PERS Select and PERSCare. The District has a cap on employer contributions set each year at 100% of the Kaiser one-party rate for the Bay Area/Sacramento region for individual coverage and 90% of the corresponding two-party rate for second and third tier coverages. Employees and retirees may choose a more expensive coverage but they must pay any premiums *in* excess of the cap. The District also pays for vision and dental for employees and retirees, *in* addition to the medical cap. There *is* a small group of retirees (pre-1980 retirees) who are reimbursed up to \$1,500 per year for dental coverage for the retiree and spouse (each). All others are covered by Delta Dental. The District also pays a 0.45% of premium administrative charge for all retirees.

*Funding Policy.* There is no statutory requirement for the District to prefund its OPEB obligation. The District has established a trust fund which *is* currently almost fully funded. The District currently pays for retiree healthcare benefits on a pay-as-you-go basis until the District trust is funded, which is *in* process. There are no employee contributions. For the fiscal year ending June 30, 2021, the District's plan paid approximately \$154,424 for retiree healthcare plan benefits.

*Employees Covered by Benefit Terms.* Membership in the plan consisted of the following at the measurement date of June 30, 2021:

Active employees	18
Inactive employees or beneficiaries currently receiving benefit payments	13
Total	31

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 8 – POST-EMPLOYMENT BENEFITS OTHER THAN RETIREMENT (Continued)**

**B. Net OPEB Asset**

*Actuarial Methods and Assumptions.* – The District’s net OPEB asset was measured as of June 30, 2020 and the total OPEB liability was determined by an actuarial valuation dated July 1, 2019 that was rolled forward using standard update procedures to determine the total liability as of June 30, 2020, based on the following actuarial methods and assumptions:

	Actuarial Assumptions
Valuation Date	July 01, 2019
Measurement Date	June 30, 2021
Actuarial Cost Method	Entry Age Normal Cost, level of pay
Actuarial Assumptions:	
Inflation rate	3.00%
Payroll Growth	3.00%
Investment Rate of Return	6.00%
Mortality Rate	Pre-retirement mortality rates were based on the RP-2014 Employee Mortality Table for Males or Females, as appropriate, without projection. Post-retirement mortality rates were based on the RP-2014 Health Annuitant Mortality Table for Males or Females, as
Medical Cost Trend Rate	5.80 percent for 2021; 5.70 percent for 2022; 5.60 percent for 2023; and decreasing 0.10 percent per year to an ultimate rate of 5.00 percent for 2029 and later years

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Real Rate of Return
Broad U.S. Equity	4.40%
U.S. Fixed	1.50%

*Discount Rate.* The discount rate was based on the Municipal Bond 20-Year High Grade Rate Index.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 8 – POST-EMPLOYMENT BENEFITS OTHER THAN RETIREMENT (Continued)**

**C. Changes in Net OPEB Asset**

The changes in the net OPEB asset follows:

	Increase (Decrease)		
	Total OPEB Liability (a)	Plan Fiduciary Net Position (b)	Net OPEB Liability/(Asset) (a) - (b)
Balance at June 30, 2020	\$2,679,082	\$4,502,638	(\$1,823,556)
Changes Recognized for the Measurement Period:			
Service Cost	107,551		107,551
Interest on the total OPEB liability	162,087		162,087
Changes in benefit terms			
Differences between expected and actual experience			
Changes of assumptions			
Contributions from the employer		172,893	(172,893)
Net investment income		962,104	(962,104)
Trustee fees			
Administrative expenses		(2,797)	2,797
Other Disbursements - reimbursement to employer		(163,355)	163,355
Benefit payments	(172,893)	(172,893)	
Net changes	96,745	795,952	(699,207)
Balance at June 30, 2021	\$2,775,827	\$5,298,590	(\$2,522,763)

**D. Sensitivity of the Net OPEB Asset to Changes in the Discount Rate and Healthcare Cost Trend Rates**

The following presents the net OPEB asset of the District, as well as what the District's net OPEB asset would be if it were calculated using a discount rate that is 1-percentage-point lower (5.00%) or 1-percentage-point higher (7.00%) than the current discount rate:

Net OPEB Liability/(Asset)		
Discount Rate -1% (5.00%)	Discount Rate (6.00%)	Discount Rate +1% (7.00%)
(\$2,172,421)	(\$2,522,763)	(\$2,815,338)

The following presents the net OPEB asset of the District, as well as what the District's net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage-point lower (5.00% decreasing to 4.00%) or 1-percentage-point higher (7.00% decreasing to 6.00%) than the current healthcare cost trend rates:

Net OPEB Liability/(Asset)		
1% Decrease (4.00%)	Medical Cost Trend Rates (5.00%)	1% Increase (6.00%)
(\$2,866,761)	(\$2,522,763)	(\$2,102,470)

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
NOTES TO BASIC FINANCIAL STATEMENTS  
For the Year Ended June 30, 2021**

**NOTE 8 – POST-EMPLOYMENT BENEFITS OTHER THAN RETIREMENT (Continued)**

***E. OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB***

For the year ended June 30, 2021, the District recognized OPEB expense of \$366,760. At June 30, 2021, the District reported deferred inflows of resources related to OPEB from the following sources:

	Deferred Inflows of Resources
Difference between expected and actual experience	(\$564,121)
Changes in assumptions or other inputs	(99,645)
Net differences between projected and actual earnings on plan investments	(590,929)
Total	(\$1,254,695)

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized as part of OPEB expense as follows:

Year Ended June 30	Annual Amortization
2022	(\$373,190)
2023	(362,748)
2024	(358,127)
2025	(160,630)

**NOTE 9 – DEFERRED COMPENSATION PLAN**

The District employees may defer a portion of their compensation under a District sponsored Deferred Compensation Plan (the Plan) created in accordance with Internal Revenue Code Section 457. Under this Plan, participants are not taxed on the deferred portion of the compensation until it is distributed to them; distributions may be made only at termination, retirement, death or in an emergency as defined by the Plan. A total of 17 employees' deferred compensation during the fiscal year ended June 30, 2021.

The laws governing the Plan assets require Plan assets to be held by a Trust for the exclusive benefits of Plan participants and their beneficiaries. Since the assets held under this Plan are not the District's property, are not managed by the District and are not subject to claims by general creditors of the District, they have been excluded from these financial statements.

DRAFT

**REQUIRED SUPPLEMENTARY INFORMATION**



ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 Cost-Sharing Multiple-Employer Defined Pension Plan  
 Last 10 Years\*  
 SCHEDULE OF THE PLAN'S PROPORTIONATE SHARE OF THE  
 NET PENSION LIABILITY AND RELATED RATIOS AS OF  
 THE MEASUREMENT DATE

Measurement Date	<u>6/30/2014</u>	<u>6/30/2015</u>	<u>6/30/2016</u>	<u>6/30/2017</u>	<u>6/30/2018</u>	<u>6/30/2019</u>	<u>6/30/2020</u>
Plan's proportion of the Net Pension Liability (Asset)	0.0309%	0.0780%	0.0760%	0.0783%	0.0023%	0.0038%	0.0034%
Plan's proportion share of the Net Pension Liability (Asset)	\$1,923,046	\$2,028,906	\$2,551,572	\$2,642,666	\$2,952,714	\$3,277,554	\$3,603,091
Plan's Covered Payroll	\$1,287,185	\$1,467,683	\$1,580,981	\$1,588,441	\$1,744,412	\$1,894,209	\$1,980,518
Plan's Proportionate Share of the Net Pension Liability/(Asset) as a Percentage of its Covered Payroll	149.40%	138.24%	161.39%	166.37%	169.27%	173.03%	181.93%
Plan's Proportionate Share of the Fiduciary Net Position as a Percentage of the Plan's Total Pension Liability	83.0287%	78.2766%	78.9294%	77.7053%	78.6376%	77.3860%	75.6603%

Change in assumption - In 2017, the accounting discount rate was decreased from 7.65% to 7.15%.

\*- Fiscal year 2015 was the 1st year of implementation.

DRAFT

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT  
 Cost-Sharing Multiple Employer Defined Pension Plan  
 Last 10 Years\*  
 SCHEDULE OF CONTRIBUTIONS

Fiscal Year	2015	2016	2017	2018	2019	2020	2021
Actuarially determined contribution	\$152,526	\$205,340	\$136,053	\$317,084	\$310,838	\$378,833	\$423,092
Contributions in relation to the actuarially determined contributions	(152,526)	(205,340)	(136,053)	(317,084)	(\$310,838)	(\$378,833)	(\$423,092)
Contribution deficiency (excess)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Covered payroll	<u>\$1,287,185</u>	<u>\$1,467,683</u>	<u>\$1,580,981</u>	<u>\$1,744,412</u>	<u>\$1,894,209</u>	<u>\$1,980,518</u>	<u>\$2,037,043</u>
Contributions as a percentage of covered payroll	11.85%	13.99%	8.61%	18.18%	16.41%	19.13%	20.77%

\*Fiscal year 2015 was the 1st year of implementation.

DRAFT

**SCHEDULE OF CHANGES IN THE NET OPEB LIABILITY AND RELATED RATIOS**  
Agent - Multiple Employer Defined Benefit Health Care Plan  
Last 10 fiscal years\*

Measurement Date	<u>6/30/18</u>	<u>6/30/19</u>	<u>6/30/20</u>	<u>6/30/21</u>
<b>Total OPEB Liability</b>				
Service Cost	\$150,088	\$154,591	\$104,418	\$107,551
Interest	200,500	207,352	157,133	162,087
Changes in benefit terms				
Differences between expected and actual experience			(928,071)	
Changes of assumptions			(163,933)	
Benefit payments	<u>(241,589)</u>	<u>(231,032)</u>	<u>(191,079)</u>	<u>(172,893)</u>
<b>Net change in total OPEB liability</b>	108,999	130,911	(1,021,532)	96,745
<b>Total OPEB liability - beginning</b>	<u>3,460,704</u>	<u>3,569,703</u>	<u>3,700,614</u>	<u>2,679,082</u>
<b>Total OPEB liability - ending (a)</b>	<u><u>\$3,569,703</u></u>	<u><u>\$3,700,614</u></u>	<u><u>\$2,679,082</u></u>	<u><u>\$2,775,827</u></u>
<b>Plan fiduciary net position</b>				
Contributions - employer	\$63,129	\$60,365	\$20,412	\$172,893
Contributions - employee				
Net investment income	299,763	284,866	285,286	962,104
Trustee fees		(2,851)	(2,934)	
Administrative expense	(2,769)	(6,765)		(2,797)
Other Disbursements - reimbursement to employer				(163,355)
Benefit payments	<u>(241,589)</u>	<u>(231,032)</u>	<u>(191,079)</u>	<u>(172,893)</u>
<b>Net change in plan fiduciary net position</b>	118,534	104,583	111,685	795,952
<b>Plan fiduciary net position - beginning</b>	<u>4,167,835</u>	<u>4,286,369</u>	<u>4,390,952</u>	<u>4,502,637</u>
<b>Plan fiduciary net position - ending (b)</b>	<u><u>\$4,286,369</u></u>	<u><u>\$4,390,952</u></u>	<u><u>\$4,502,637</u></u>	<u><u>\$5,298,589</u></u>
Net OPEB liability/(asset) - ending (a)-(b)	<u><u>(\$716,666)</u></u>	<u><u>(\$690,338)</u></u>	<u><u>(\$1,823,555)</u></u>	<u><u>(\$2,522,762)</u></u>
Plan fiduciary net position as a percentage of the total OPEB liability/(asset)	120.08%	118.65%	168.07%	190.88%
Covered-employee payroll	\$1,744,412	\$1,894,209	\$1,980,518	\$2,037,043
Net OPEB liability/(asset) as a percentage of covered-employee payroll	<u><u>-41.08%</u></u>	<u><u>-36.44%</u></u>	<u><u>-92.07%</u></u>	<u><u>-123.84%</u></u>

\* Fiscal year 2018 was the first year of implementation.

**SCHEDULE OF CONTRIBUTIONS**  
**Agent - Multiple Employer Defined Benefit Health Care Plan**  
 Last 10 fiscal years\*

<b>Fiscal Year Ended June 30,</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Actuarially determined contribution	\$113,347	\$117,354	\$18,076	\$18,618
Contributions in relation to the actuarially determined contribution	<u>113,347</u>	<u>117,354</u>	<u>18,076</u>	<u>18,618</u>
Contribution deficiency (excess)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Covered-employee payroll	<u>\$1,744,412</u>	<u>\$1,894,209</u>	<u>\$1,980,518</u>	<u>\$2,037,043</u>
Contributions as a percentage of covered-employee payroll	6.50%	6.20%	0.91%	0.91%

**Notes to Schedule**

Valuation date: July 1, 2019

\* Fiscal year 2018 was the first year of implementation.

DRAFT

DRAFT

This Page Left Intentionally Blank

DRAFT

**STATISTICAL SECTION**

DRAFT

SDLF



SPECIAL DISTRICT  
LEADERSHIP FOUNDATION

November 30, 2021

Ryan Clausnitzer, CSDM  
Alameda County Mosquito Abatement District  
23187 Connecticut Street  
Hayward, CA 94545-1605

RE: District Transparency Certificate of Excellence Approval

Dear Mr. Clausnitzer:

Congratulations! Alameda County Mosquito Abatement District has successfully completed the District Transparency Certificate of Excellence program through the Special District Leadership Foundation (SDLF).

On behalf of the SDLF Board of Directors, I would like to congratulate your district on achieving this important certificate. By completing the District Transparency Certificate of Excellence Program, the Alameda County Mosquito Abatement District has proven its dedication to being fully transparent as well as open and accessible to the public and other stakeholders.

Congratulations and thank you for your dedication to excellence in local government.

Most sincerely,

David Aranda  
SDLF Board President



Alameda County Mosquito Abatement Dist.  
**Check Register**  
 For the Period From Nov 1, 2021 to Nov 15, 2021

Filter Criteria includes: Report order is by Date.

<b>Check #</b>	<b>Date</b>	<b>Payee</b>	<b>Amount</b>
2897	11/10/21	Airgas	140.63
2898	11/10/21	Alco Sheet Metal and Heating, Inc.	705.00
2899	11/10/21	CarQuest	83.06
2900	11/10/21	Cintas	175.48
2901	11/10/21	Coverall North America, Inc.	495.00
2902	11/10/21	Industrial Park Landscape Maintenance	226.00
2903	11/10/21	Leading Edge Associate, Inc.	10,000.00
2904	11/10/21	Mar-Len Supply, Inc.	272.69
2905	11/10/21	PFM Asset Management	1,953.58
2906	11/10/21	PG&E	133.00
2907	11/10/21	Singh, Ranjit K.	210.72
2908	11/10/21	Techniclean	110.75
2909	11/10/21	U.S Bank Corporate Payment System	13,852.48
2910	11/10/21	VCJPA	245.16
2911	11/10/21	Voya Institutional Trust Company	179.93
ACH	11/10/21	Alameda County Mosquito Abatement Dist (Payroll)	75,464.79
ACH	11/10/21	CalPERS Retirement	14,600.60
ACH	11/10/21	CalPERS 457	3,253.93
<b>Total Expenditures - November 15, 2021</b>			<b>122,102.80</b>

## Alameda County Mosquito Abatement Dist.

## Check Register

For the Period From Nov 16, 2021 to Nov 30, 2021

Filter Criteria includes: Report order is by Date.

Check #	Date	Payee	Amount
2912	11/30/21	Airgas	139.97
2913	11/30/21	Bay Alarm	534.73
2914	11/30/21	Cintas	556.17
2915	11/30/21	Coverall North America, Inc.	495.00
2916	11/30/21	Grainger	705.42
2917	11/30/21	Hayward Water System	487.69
2918	11/30/21	Hentschke, Eric Armin	100.00
2919	11/30/21	PG&E	221.81
2920	11/30/21	Techniclean	111.57
2921	11/30/21	Testa, Julie	100.00
2922	11/30/21	The Hartford	107.19
2923	11/30/21	Verizon	535.24
2924	11/30/21	Voya Institutional Trust Company	179.93
2925	11/30/21	VSP	693.24
2926	11/30/21	Washburn, Jan	151.00
2927	11/30/21	Waste Management of Alameda County	288.82
2928	11/30/21	WEX Bank	3,119.20
2929	11/30/21	Young, George	100.00
ACH	11/30/21	Alameda County Mosquito Abatement Dist (Payroll)	78,939.62
ACH	11/30/21	Aguilar, Victor	100.00
ACH	11/30/21	Beatty, Robert .P	100.00
ACH	11/30/21	Bhat, Subrahmanya Y	100.00
ACH	11/30/21	CalPERS Health	39,011.56
ACH	11/30/21	CalPERS Retirement	14,777.06
ACH	11/30/21	CalPERS 457	3,259.82
ACH	11/30/21	Cox, Steven	100.00
ACH	11/30/21	Jordan, Preston	100.00
ACH	11/30/21	Marquez, Elisa	100.00
ACH	11/30/21	Mingst, Andrew	100.00
ACH	11/30/21	Poulson, Wendi Lynn	100.00
ACH	11/30/21	Roache, Cathy J Pinkerton.	100.00
ACH	11/30/21	Washburn, Jan	100.00
<b>Total Expenditures - November 30, 2021</b>			<b>145,615.04</b>

**Alameda County Mosquito Abatement District**  
**Income Statement**  
**November 30, 2021. (5 of 12 mth, 42%)**

<b>REVENUES</b>	<b>Actual 2019/20</b>	<b>Actual 2020/21</b>	<b>Current Month</b>	<b>Year to Date 2021/22</b>	<b>Budget 2021/22</b>	<b>Actual vs Budget</b>
<b>Total Revenue</b>	<b>\$ 4,986,220.87</b>	<b>\$ 5,150,753.15</b>	<b>\$ -</b>	<b>\$ 517,651.12</b>	<b>\$ 4,765,864.00</b>	<b>11%</b>

<b>EXPENDITURES</b>	<b>Actual 2019/20</b>	<b>Actual 2020/21 <sup>1</sup></b>	<b>Current Month <sup>2</sup></b>	<b>Year to Date 2021/22</b>	<b>Budget 2021/22</b>	<b>Actual vs Budget</b>
Salaries	\$ 1,970,928.74	\$ 2,029,103.97	\$ 171,086.85	\$ 874,303.24	\$2,236,282	39%
CalPERS Retirement	\$ 378,832.61	\$ 423,110.21	\$ 17,293.36	\$ 347,149.55	\$473,950	73%
Medicare & Social Security	\$ 29,651.04	\$ 27,866.82	\$ 2,275.47	\$ 12,910.32	\$33,062	39%
Fringe Benefits	\$ 465,466.14	\$ 502,898.39	\$ 39,811.99	\$ 217,983.88	\$579,596	38%
<b>Total Salaries, Retirement, &amp; Benefits</b>	<b>\$ 2,844,878.53</b>	<b>\$ 2,982,979.39</b>	<b>\$230,468</b>	<b>\$1,452,347</b>	<b>\$3,322,890</b>	<b>44%</b>
Clothing and personal supplies (purchased)	\$ 6,213.94	\$ 4,859.20	\$ 408.91	\$ 2,378.34	\$10,000	24%
Laundry service and supplies (rented)	\$ 10,648.44	\$ 9,124.98	\$ 731.65	\$ 3,875.53	\$15,000	26%
Utilities	\$ 25,962.21	\$ 15,421.56	\$ 1,131.32	\$ 4,043.36	\$17,000	24%
Communications-IT	\$ 80,735.47	\$ 71,771.02	\$ 13,569.90	\$ 25,584.47	\$112,400	23%
Maintenance: structures & improvements	\$ 16,678.86	\$ 20,261.51	\$ 1,352.01	\$ 3,839.93	\$35,000	11%
Maintenance of equipment	\$ 20,599.88	\$ 22,290.34	\$ 2,406.72	\$ 6,093.77	\$35,000	17%
Transportation, travel, training, & board	\$ 95,813.55	\$ 74,653.03	\$ 6,378.96	\$ 36,921.31	\$127,630	29%
Professional services	\$ 111,224.89	\$ 91,622.03	\$ 1,953.58	\$ 51,522.63	\$203,450	25%
Memberships, dues, & subscriptions	\$ 26,316.50	\$ 22,906.45	\$ 155.00	\$ 19,002.00	\$24,000	79%
Insurance - (VCJPA, UAS)	\$ 134,833.60	\$ 141,650.37	\$ 245.16	\$ 160,197.16	\$150,611	106%
Community education	\$ 23,283.51	\$ 26,317.23	\$ 145.25	\$ 1,222.54	\$39,500	3%
Operations	\$ 179,304.00	\$ 223,362.22	\$ 756.85	\$ 25,935.51	\$239,000	11%
Household expenses	\$ 14,817.21	\$ 15,882.05	\$ 1,636.30	\$ 6,113.78	\$17,350	35%
Office expenses	\$ 13,760.57	\$ 9,747.67	\$ 4.12	\$ 2,594.46	\$12,000	22%
Laboratory supplies	\$ 100,794.23	\$ 64,135.55	\$ 5,830.03	\$ 32,556.93	\$144,000	23%
Small tools and instruments	\$ 2,055.54	\$ 2,189.34	\$ 418.57	\$ 921.59	\$3,000	31%
<b>Total Staff Budget</b>	<b>\$ 863,042.40</b>	<b>\$ 816,194.55</b>	<b>\$ 37,124.33</b>	<b>\$ 382,803.31</b>	<b>\$1,184,941</b>	<b>32%</b>
<b>Total Operating Expenditures</b>	<b>\$ 3,707,920.93</b>	<b>\$ 3,799,173.94</b>	<b>\$ 267,592.00</b>	<b>\$ 1,835,150.30</b>	<b>\$4,507,831</b>	<b>41%</b>

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  
November 30, 2021. (5 of 12 mth, 42%)**

Account #	Investment Accounts	Beginning Balance	Deposits	Withdrawals	Interest Activity	Ending Balance
1004	LAIF	\$ 2,149,552.12	\$ -	\$ -	\$ -	\$ 2,149,552.12
1005	OPEB Fund	\$ 5,288,002.20	\$ -	\$ -	(77,014.05)	\$ 5,210,988.15
1006	VCJPA Member Contingency <sup>1</sup>	\$ 373,610.00	\$ -	\$ -	155.00	\$ 373,765.00
1008	CAMP: Repair and Replace	\$ 1,355,499.96	\$ -	\$ -	56.36	\$ 1,355,556.32
1009	CAMP: Public Health Emergency	\$ 526,311.27	\$ -	\$ -	21.88	\$ 526,333.15
1010	CAMP: Operating Reserve	\$ 1,944,664.92	\$ -	\$ -	80.86	\$ 1,944,745.78
1011	CAMP: Capital Reserve Fund	\$ 30,002.35	\$ -	\$ -	1.25	\$ 30,003.60
1012	PARS: Pension Stabilization <sup>2</sup>	\$ 1,835,670.11	\$ -	\$ -	26,727.70	\$ 1,862,397.81
<b>Total</b>		<b>\$ 13,503,312.93</b>	<b>\$ -</b>	<b>\$ -</b>	<b>(49,971.00)</b>	<b>\$ 13,453,341.93</b>

Account #	Cash Accounts	Beginning Balance	Withdrawals	Activity	Ending Balance
1001	Bank of America (Payroll Account) *	\$ 22,972.33	-	-	\$ 15,464.34
1002	Bank of The West (Transfer Account) *	\$ 445,762.06	-	-	\$ 293,908.14
1003	County Account <sup>3</sup>	\$ 737,125.16	\$ -	\$ -	\$ 737,125.16
1013	Petty Cash	\$ 306.04	\$ -	\$ -	\$ 306.04
<b>Total</b>		<b>\$ 1,206,165.59</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,046,803.68</b>

1 - VCJPA Member Contingency balance is as of September 30, 2021.

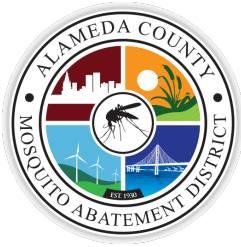
2- PARS - Pension Stabilization balance is as of October 31, 2021.

3 - County balance is as of October 31, 2021.

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

Alameda County Mosquito Abatement  
Balance Sheet Comparison  
November

ASSETS	11/30/2021	11/30/2020	11/30/2019	Explanation
Current Assets				
Bank of America payroll	97,937.43	107,277.49	112,031.30	Current book balance, different from the ending balance shown on bank statement, due to outstanding deposits (will not match IRC page).
Bank of the West	248,539.05	294,109.96	359,178.13	" "
County	737,125.16	717,606.64	576,114.12	Current balance in County account.
Cash with LAIF	2,149,552.12	1,176,610.85	838,570.48	Current balance in LAIF (working capital) account.
VCJPA- Member Contingency	373,765.00	375,883.00	358,147.00	Reserve amount with VCJPA (updated quarterly)
CAMP - Repair and Replace	1,355,556.32	1,040,484.83	273,415.93	Reserve committed to repair or replace capital assets.
CAMP - Public Health Emergency	526,333.15	525,967.76	521,494.08	Reserve committed for public health emergencies.
CAMP - Operating Reserve	1,944,745.78	1,943,395.66	1,926,865.88	Reserve committed as an emergency rainy-day fund (= to 60% of current year expenses)
CAMP - Capital Reserve Fund	30,003.60	59,078.80	35,602.35	Reserve for current year capital assets or non-capital facility maintenance
PARS	1,862,397.81	1,752,250.56	1,607,769.86	PARS is no longer being reported stand-alone on the balance sheet, would only be reported on the balance sheet if it was a liability to the district.
Accounts Receivable	1,026.16	-	-	Outstanding invoices - waiting for payment to be received.
Petty cash	306.04	405.78	388.04	To reimburse employees - under \$50
<b>Total Current Assets</b>	<b>9,327,307.62</b>	<b>7,993,071.33</b>	<b>6,609,577.17</b>	
Property and Equipment				
Acc Dep - equipment	(1,479,068.00)	(1,479,068.00)	(1,311,776.21)	Accumulated depreciation expense from date of purchase through current useful life, which reduces assets book value
Acc Dep - stru & improv	(2,485,267.00)	(2,485,267.00)	(2,349,631.01)	" "
Acc Dep - conts in progress	-	-	-	" "
Construction in progress	-	-	535,663.99	Accumulated cost of a project yet to be completed.
Equipment	1,751,859.00	1,751,859.00	1,699,506.64	Original cost of depreciable equipment item.
Structure/improvement	4,799,729.70	4,760,618.00	4,638,621.62	Original cost of depreciable structure/ improvement item.
Land	61,406.00	61,406.00	61,406.00	Original purchase price of owned land; will not change.
Total Property and Equipment	2,648,659.70	2,609,548.00	3,273,791.03	
Other Assets				
Net OPEB Asset	2,522,763.00	1,823,556.00	690,338.00	Amount reported on actuary report. Pre-paid amount (overfunded), still considered an asset to the district. The amount has not changed because we have not withdrawn or added to account in the current year.
Total Other Assets	2,522,763.00	1,823,556.00	690,338.00	
<b>Total Assets</b>	<b>\$ 14,498,730.32</b>	<b>\$ 12,426,175.33</b>	<b>\$ 10,573,706.20</b>	
<b>LIABILITIES AND CAPITAL</b>				
Current Liabilities				
Accounts payable	\$ 103,413.26	\$ 129,217.83	\$ 114,223.34	Invoices due but yet to be paid.
AP Credit Card	-	-	23,560.14	Current credit card purchases, no longer shows up on balance sheet due to credit card clearing out when credit card statement is paid.
Acc payroll/vacation	208,228.89	200,290.26	187,668.43	District's debt from employees' unused vacation time.
Def inflow - 75	1,254,695.00	931,786.00	49,810.00	Other post employment benefit cost. Projected but yet to be incurred. Actuary is suggesting what is going to happen but hasn't happened yet.
Def inflow pen defer GASB 68	289,664.00	289,664.00	192,480.00	Pension benefit cost projected but yet to be incurred. Actuary is suggesting what is going to happen but hasn't happened yet.
Defer outflow pen cont GASB 68	(1,056,534.00)	(1,056,534.00)	(1,208,279.00)	Payments into pension incurred but yet to be posted against the outstanding liability at a given point of time.
Net pension liability GASB 68	3,277,554.00	3,277,554.00	2,952,714.00	Unfunded pension accrued liability as estimated by an actuary as of a given point of time.
Total Current Liabilities	\$ 4,077,021.15	\$ 3,771,978.09	\$ 2,312,176.91	
Long-Term Liabilities				
Total Long-Term Liabilities				
<b>Total Liabilities</b>	<b>4,077,021.15</b>	<b>3,771,978.09</b>	<b>2,312,176.91</b>	
Capital				
Designated fund balances	4,816,355.25	4,440,057.25	4,763,137.19	Board approved reserves for designated purposes.
Investment in general fixed as	6,894,403.96	5,296,151.61	4,637,374.11	Value of fixed assets left any accumulated depreciation and or debt.
Net Income	(1,289,050.04)	(1,082,011.62)	(1,138,982.01)	Net Income = Gross Income - Expenses
Total Capital	10,421,709.17	8,654,197.24	8,261,529.29	Sum of designated fund balances, investment in general fixed assets and net income.
<b>Total Liabilities &amp; Capital</b>	<b>\$ 14,498,730.32</b>	<b>\$ 12,426,175.33</b>	<b>\$ 10,573,706.20</b>	



23187 Connecticut Street  
Hayward, CA 94545

T: (510) 783-7744  
F: (510) 783-3903

[acmad@mosquitoes.org](mailto:acmad@mosquitoes.org)

## MONTHLY STAFF REPORT –1097

### Board of Trustees

#### President

P. Robert Beatty

#### Berkeley

#### Vice-President

Subru Bhat

#### Union City

#### Secretary

Victor Aguilar

#### San Leandro

Cathy Roache

#### County at Large

Wendi Poulson

#### Alameda

Preston Jordan

#### Albany

Shawn Kumagai

#### Dublin

George Young

#### Fremont

vacant

#### Emeryville

Elisa Márquez

#### Hayward

Steven Cox

#### Livermore

Jan O. Washburn

#### Oakland

Eric Hentschke

#### Newark

Andrew Mingst

#### Piedmont

Julie Testa

#### Pleasanton

#### Ryan Clausnitzer

General Manager

### 1. OPERATIONS REPORT

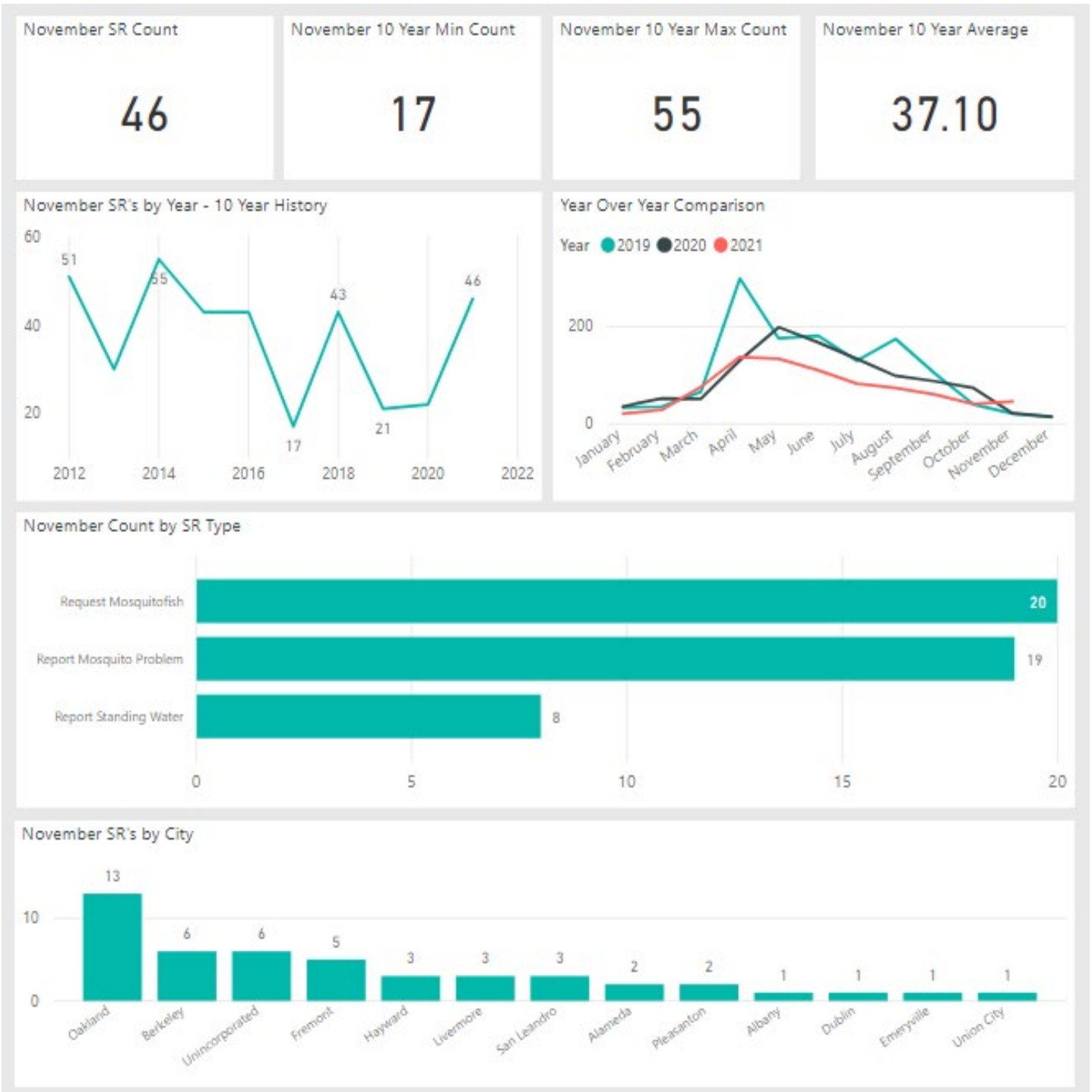
The significant rainfall at the end of October resulted in enough standing water in winter sources to hatch out eggs of our winter *Aedes spp.*, *Aedes squamiger*, *Aedes washinoi*, and *Aedes sierrensis* during the first part of November. Numerous collections of larvae of *Culiseta inornata* were also documented by operations staff. Upon collection and identification of the aforementioned species, treatments were conducted on many of the sources found to have larvae present. Alameda County received less than an inch of rain during the month of November and water levels in many areas were already drying down in the later part of the month. *Cs. inornata* females will continue to oviposit eggs on the surface of water that is remaining in various sources. As for the *Aedes spp.*, more rain will be needed to bring water levels up beyond levels achieved so far this year in order for more of their previously deposited eggs to become inundated and hatch. Operations will continue to monitor ACMAD's winter sources for all these species in the months to come. Some larvae of our spring and summer *Culex spp.*, *Culex tarsalis* and *Culex pipiens*, were also collected with larvae treated. Larval detections for these species dropped as the month progressed as females seek out locations to sequester over the winter months. Sources such as catch basins, storm drains, canals, and creeks received a good flushing in October and barring a complete lack of rainfall, should not be problematic again until spring.

Operations staff continued to collect larvae of *Culiseta incidens* as well. This mosquito remains active year-round in Alameda County. During the winter months, they tend to resort to containers, tarps, ornamental ponds, and other backyard sources that fill with rainwater. Operations took advantage of the initial rainfall and new larvae of all the aforementioned species to conduct treatments throughout the county. All the district equipment was calibrated in November to ensure that the materials applied in the field in the months to come are being applied at proper label rates. Several sources have been identified as areas to utilize the ACMAD UAS (drone) and the A-1 Super Duty mist blower. As soon as water levels are high enough to hatch-out eggs, both pieces of equipment will be utilized. No West Nile virus positive birds or adult mosquitoes were detected in our county in November.

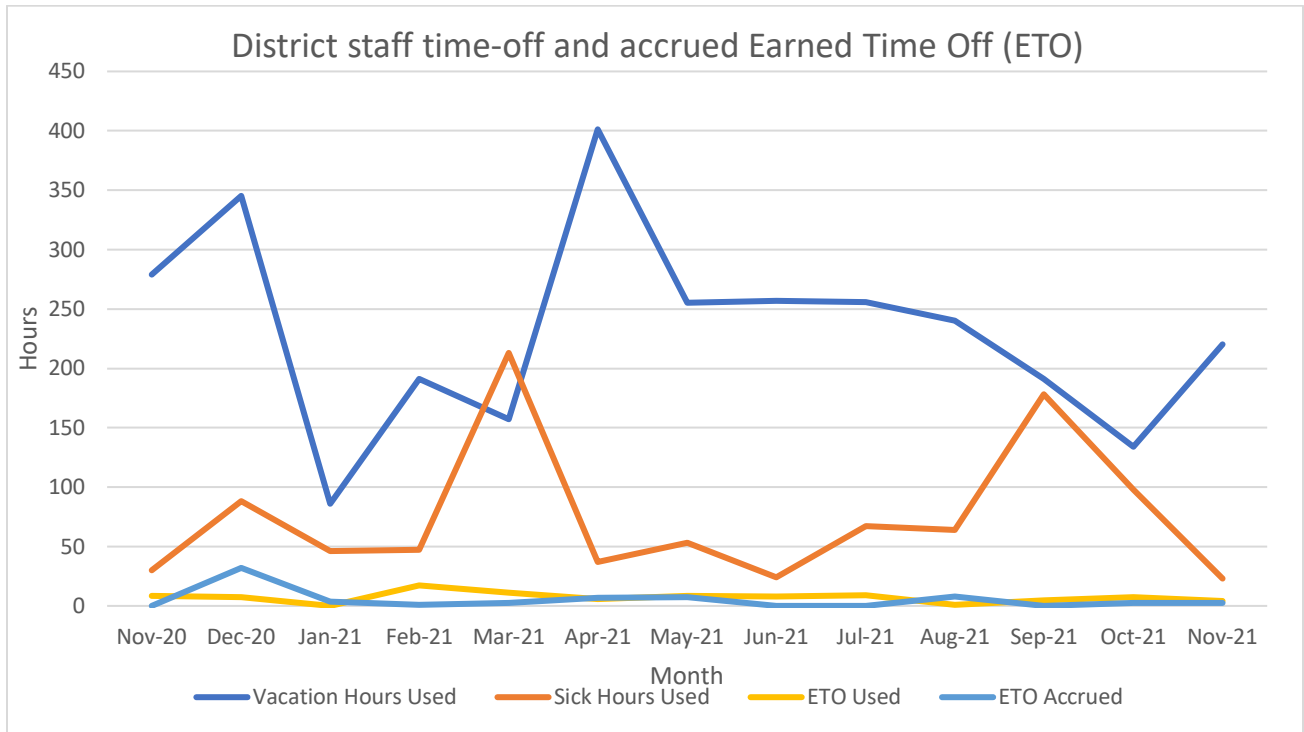
ACMAD received a total of forty-six requests for service from the public in November. Twenty were requests for mosquito fish, mostly for back yard ponds and unmaintained swimming pools, eight requests were to inspect standing water from the October rains, and nineteen requests were to "report a mosquito problem". Of this last category of requests, ten (over half) were determined to be caused by non-biting "mosquito-like" insects including midges, gnats, and various fly. The other nine of these calls were attributed to *Culex pipiens* (four), *Culex tarsalis* (one) and *Culiseta incidens* (four). The *Culex* calls were all toward the beginning of the month after the rainfalls, and as mentioned earlier, these mosquitoes tend to seek shelter and warmth in homes at this time of the year. The *Culiseta* collections were all from backyard sources and information on their breeding habits and prevention of further breeding were provided to residents by operations staff.

Field Operations Supervisor  
Joseph Huston

## Service Requests

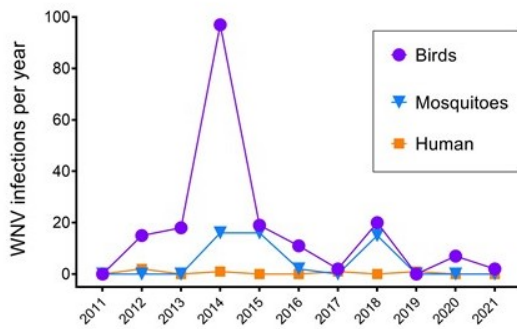


## Activity Report

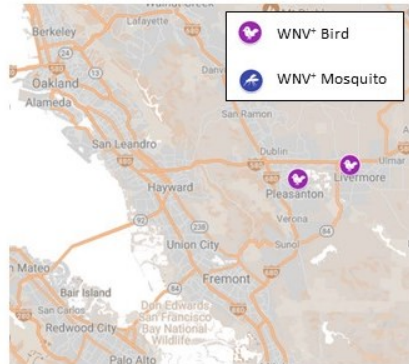


## WNV Activity

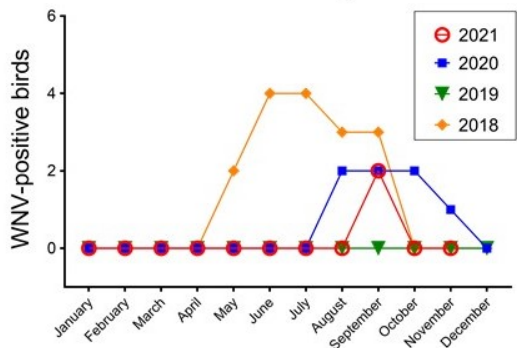
WNV infections detected in Alameda County 2011 – 2021



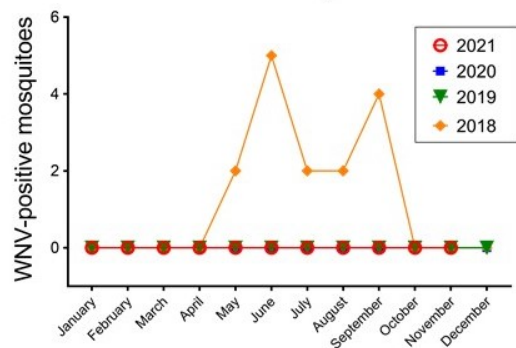
Locations of WNV-infected mosquitoes and birds collected in Alameda County during 2021



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 November 2021. So far this year, two WNV-positive crows have been collected in Alameda County. 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*. CO<sub>2</sub>-baited encephalitis virus survey (EVS) traps collected 2-fold fewer mosquitoes during November 2021 relative to the prior month (N = 980 mosquitoes). New Jersey Light Traps (NJLT) captured 3-fold fewer adult mosquitoes during November relative to the prior month (N = 7 mosquitoes).
- *Sentinel chickens*. None of the sentinel chickens have seroconverted, indicating they have not been infected with WNV, SLEV or WEEV.
- *Invasive mosquitoes*. Invasive *Aedes* mosquitoes were not detected in Alameda County during 2021.

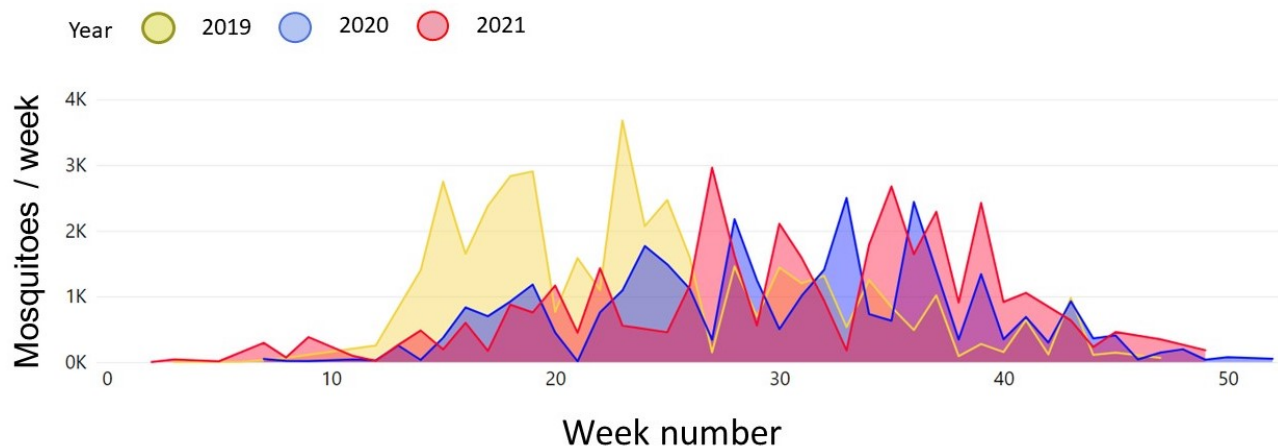
### Arbovirus Monitoring

- WNV was not detected in birds or mosquitoes during October. WNV was last detected in birds collected in Alameda County during October 2021.
- WNV was last detected in mosquitoes during 2018. SLEV and WEEV have not been detected in the County for over a decade.
- None of the birds in the two sentinel chicken flocks have seroconverted during 2021, suggesting that WNV, SLE and WEEV are absent from those areas (southeast Livermore and western Newark). The sentinel chicken program for 2021 will conclude during December.

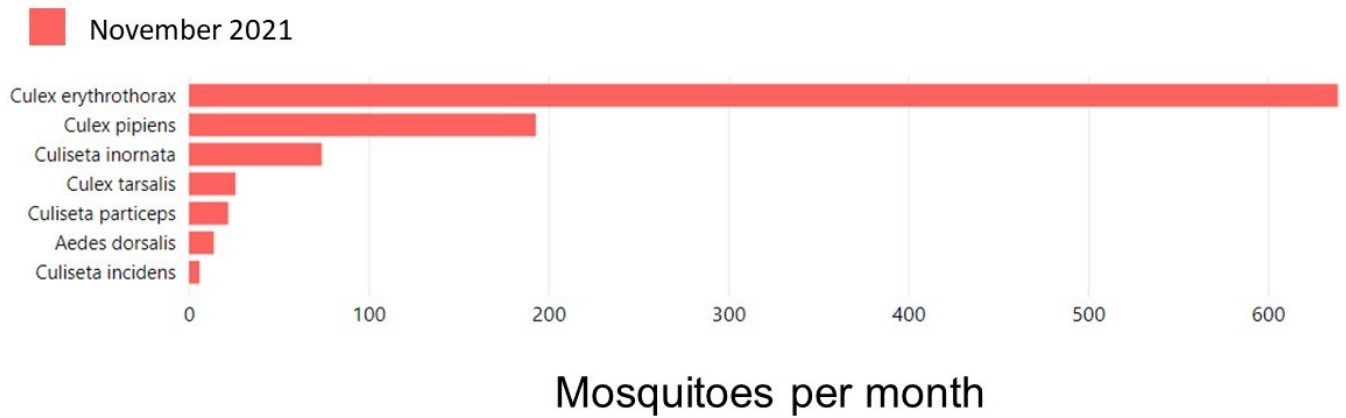
### Native Mosquito Abundance

- A total of 980 adult mosquitoes were captured in EVS traps during October 2021, a 42% decrease relative to the prior month (Figure 1; N = 117 traps were placed during the month).
- The two most abundant mosquito species that were collected in EVS traps were *Culex erythrothorax* and *Culex pipiens*, both are WNV vectors (639 *Cx. erythrothorax* and 193 *Cx. pipiens*; Figure 1A and Figure 2). The EVS traps at Coyote Hills Regional Park collected a small quantity of *Culiseta inornata* and *Aedes dorsalis*, an indication that the transition to winter species is underway. Four EVS traps did not collect mosquitoes.
- Mosquito abundance for November, as measured using NJLT, was 3-fold lower relative to the prior month (N = 7 mosquitoes collected in NJLT). *Culiseta incidens*, which is not a WNV vector, was most abundant species collected in NJLT (Figure 4). Mosquitoes were collected only in the NJLT at Coyote Hills Regional Park (n = 7 mosquitoes; Figure 5).

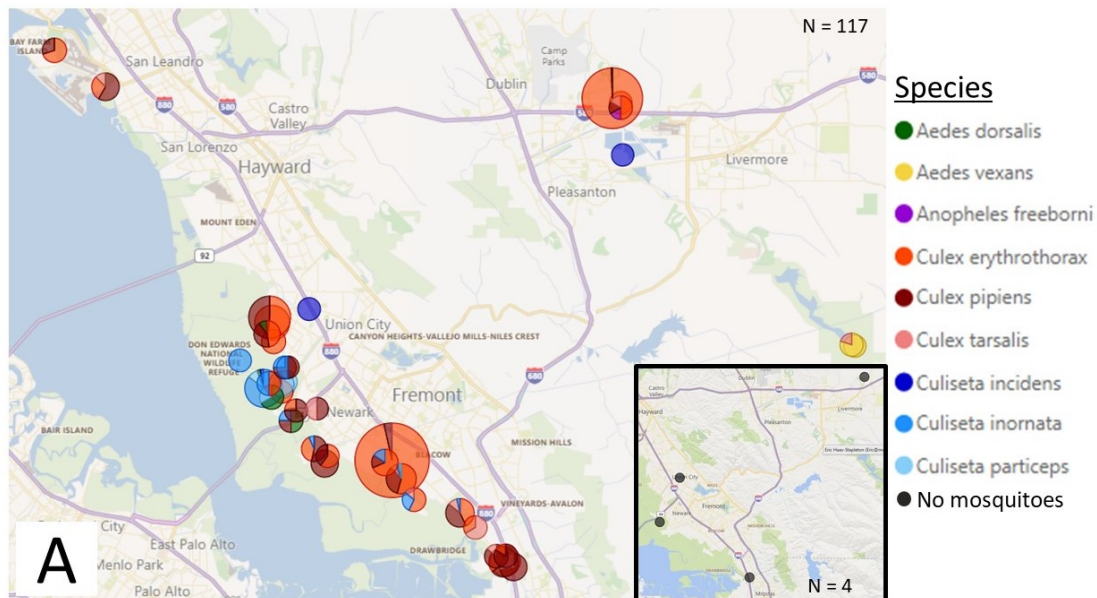
### LAB FIGURES

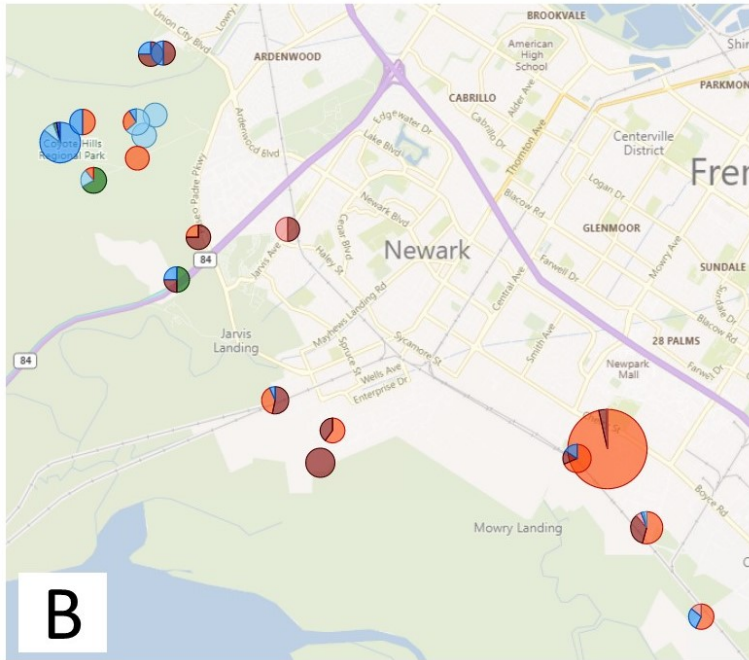


**Figure 1. Mosquitoes captured in EVS CO<sub>2</sub> traps from 2019 – 2021.** A total of 980 adult mosquitoes were captured in EVS CO<sub>2</sub> traps during November 2021 and identified to species. Week 24 was excluded from the graph because the high anomalous abundance during 2021 skewed the y-axis.

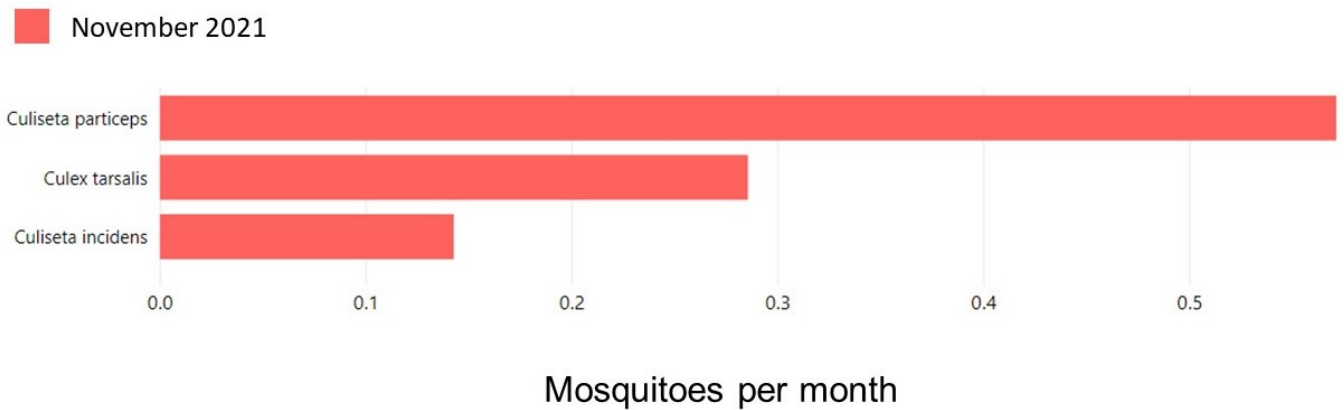


**Figure 2. The most abundant species of mosquito captured using EVS CO<sub>2</sub> traps.**

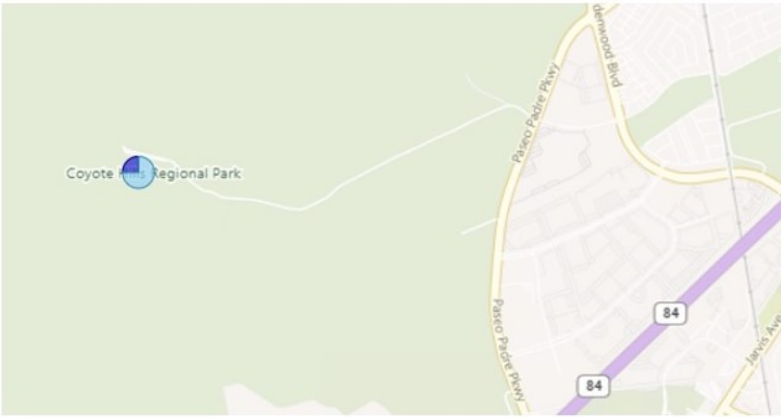




**Figure 3. Mosquito abundance by trap site evaluated using EVS CO<sub>2</sub> traps.** Pie charts over trap sites indicate the distribution of mosquito species collected at the trap site. The size of each pie chart indicates the relative number of mosquitoes at each site during November 2021. (A) Alameda County. The insert shows traps that were placed but did not collect mosquitoes. (B) The midwestern region that encompasses Coyote Hills Regional Park and Don Edwards San Francisco National Bay Wildlife Refuge.



**Figure 4. The most abundant species of mosquito captured in NJLT.** A total of 7 mosquitoes were captured in NJLT.



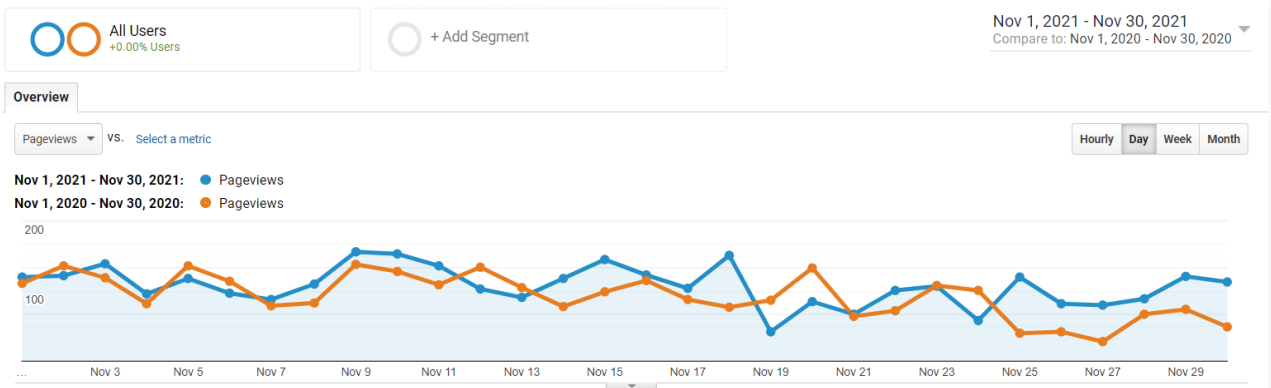
# Species

- *Culiseta incidens*
- *Culiseta particeps*

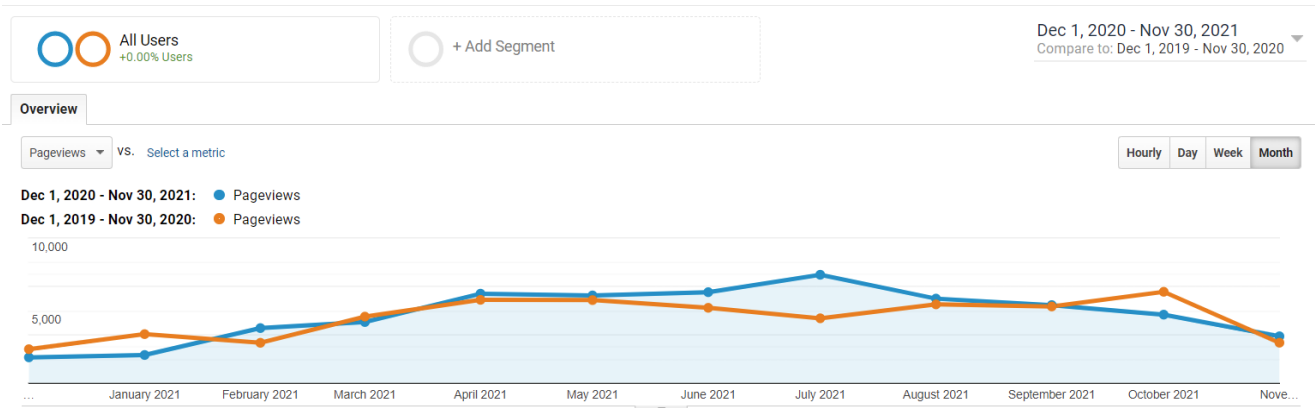
**Figure 5. Geographic distribution of mosquito abundance in Alameda County evaluated using NJLT.** Pie charts over trap sites indicate the distribution of mosquito species collected at the trap site. The large pie chart at Coyote Hills Regional Park represents 7 adult female mosquitoes (2 *Cx. tarsalis*, 1 *Culiseta incidens* and 4 *Culiseta particeps*).

### 3. PUBLIC EDUCATION

#### Google Analytics

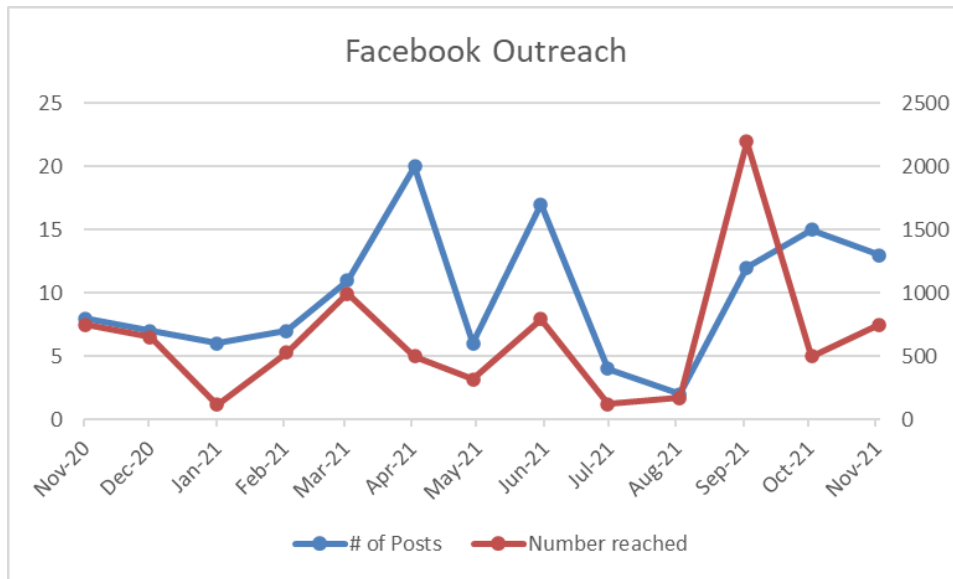


**Figure 1. November website users for 2020 compared to 2021.**



**Figure 2. Comparison of website users over the past two years.**

**Facebook**



**Facebook:** 13 posts, 747 number reached

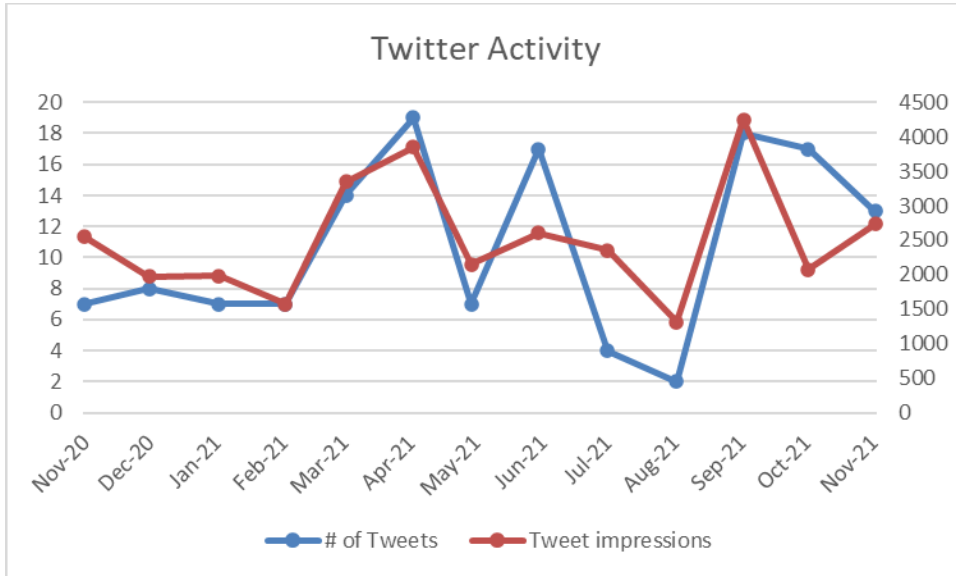
**Total Number of Followers:** 337 (2 added in November)



**Top Facebook Post:** We welcomed Assembly member Bill Quirk, San Leandro Councilwoman Deborah Cox, Mosquito and Vector Control Association of California and UC Davis Entomology to show how new funding for an improved VectorSurv website will make the site more efficient and user friendly, and continue to enable cross collaboration and data sharing between agencies in California.



## Twitter



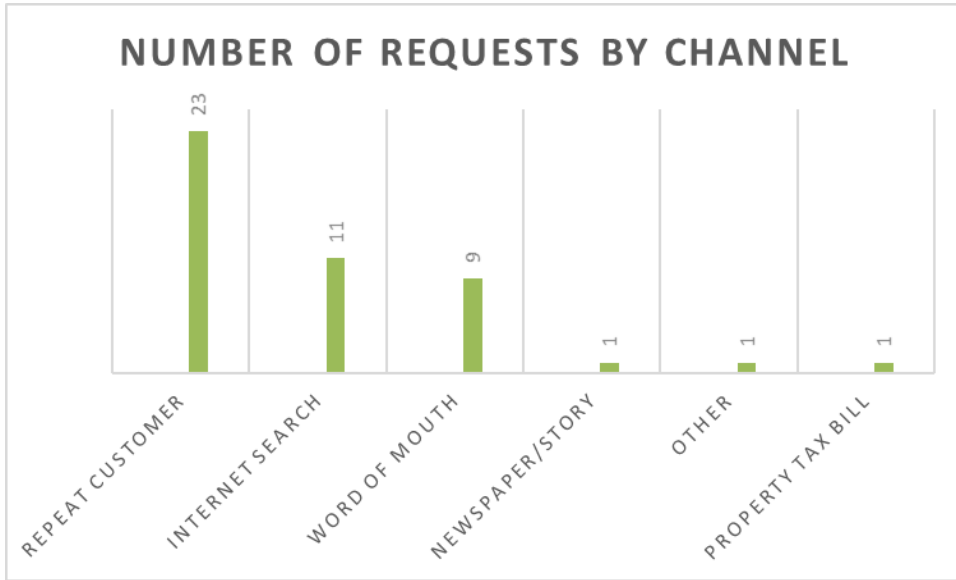
**Number of Profile Visits in November: 158**    **Total Number of Followers: 750 (1 added)**  
**Mentions from other users: 2**



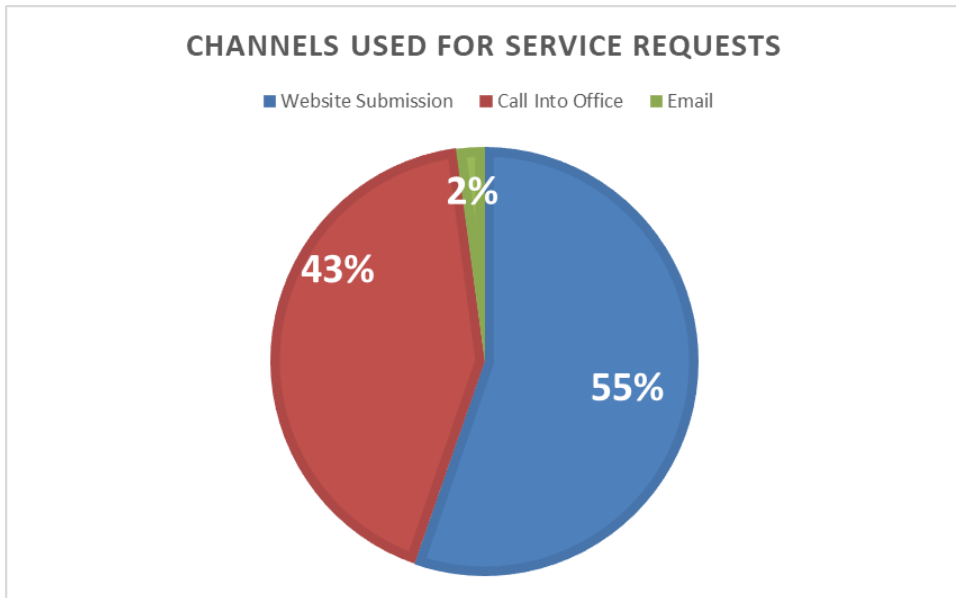
### Top November Twitter Post:

We welcomed @AsmBillQuirk, @DeborahCoxSL1, @MVCAC1 and @UCDavisEntomolo to show how new funding for an improved VectorSurv website will make the site more efficient and user friendly and continue to enable cross collaboration and data sharing between agencies in California.

**Service Request Referral Summary for October**



**Channels Used by Residents to Request Service**



46 requests in total, 19 web submissions, 26 calls and 1 email

**From:** [jrusmisel@aol.com](mailto:jrusmisel@aol.com)  
**To:** [Ryan Clausnitzer](#)  
**Subject:** Medicare Plan B reimbursement  
**Date:** Monday, November 15, 2021 11:21:34 AM

---

Ryan,

First, let me acknowledge that ACMAD provides its current and former employees with a very generous package of health and retirement benefits.

The 100/90 plan for medical coverage premiums applies to employees and retirees.

Retirees are required to apply for Medicare when they reach age 65 (if they are eligible). In my case, I qualified through my wife's payments into Social Security.

The Dept. of Health and Human Services annually publishes a "Medicare & You" booklet that goes into Medicare in great detail and is well worth looking into. I have a copy I can donate to you.

Medicare Plan A is for hospitalization and is covered by the Federal Government.

Medicare Plan B provides for medical coverage that does not include hospital stays. I switched to Kaiser's Senior Advantage which covers Plan B and Plan D (pharmaceuticals).

The cost to the District for Kaiser Senior Advantage is much less than regular Kaiser coverage.

CALPERS Health administers the Kaiser Senior Advantage plan and ACMAD pays the premium.

What is not currently covered is the quarterly payments that the Federal Government charges for Plan B.

This annually adjusted charge is \$445.50 per quarter (or \$148.50 per month) for both my wife and I.

I believe that the District's 100/90 medical coverage for retirees should include the Plan B premium payment and that the omission was due to a lack of awareness about this cost by all parties.

State employees receive Plan B premium coverage, this was provided by legislation that excluded other public agency and school retirees for some reason. Other Counties and Cities in California provide reimbursement for the Medicare Plan B premiums.

I found a form used by the city of San Diego for its retirees to use to apply for reimbursement. The administrative costs to ACMAD could be reduced by doing an annual reimbursement of premiums. It might be interesting to poll members of MVCAC, CSDA, cities and counties to see how many are already providing this coverage to their retirees.

In conclusion, I believe that the ACMAD Board of Trustees has already agreed in principle to pay the Medicare Plan B premiums for retirees following the 100/90 formula.

Thank you for looking into this for the ACMAD retirees,

John Rusmisel