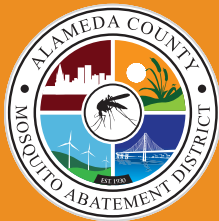


ANNUAL COMPREHENSIVE FINANCIAL REPORT FOR FISCAL YEAR ENDED JUNE 30, 2023



**ALAMEDA COUNTY
MOSQUITO ABATEMENT DISTRICT**

23187 Connecticut St, Hayward CA 94545
(510) 783-7744 • www.mosquitoes.org

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

ANNUAL COMPREHENSIVE FINANCIAL REPORT

**FOR THE FISCAL YEAR ENDED
JUNE 30, 2023**

**PREPARED BY:
FINANCE DEPARTMENT**

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**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
Annual Comprehensive Financial Report
For the Year Ended June 30, 2023**

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ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
Annual Comprehensive Financial Report
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Board of Trustees

December 13, 2023

President

Victor Aguilar

San Leandro

Vice-President

Cathy Roache

County-at-Large

Secretary

Tyler Savage

Alameda

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) fourth Annual Comprehensive Financial Report (ACFR) for the fiscal year ended June 30, 2023, 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.

Robin López

Albany

P. Robert Beatty

Berkeley

Kashef Qaadri

Dublin

Courtney Welch

Emeryville

vacant

Fremont

George Syrop

Hayward

vacant

Livermore

Eric Hentschke

Newark

Jan O. Washburn

Oakland

Hope Salzer

Piedmont

Valerie Arkin

Pleasanton

Subru Bhat

Union City

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, 2023, 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.

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 93 years, the District's dedication and effectiveness has not.

As of June 30, 2023, the District is overseen by a Board of Trustees that is comprised of fifteen 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 four 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. Our staff takes 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 eight reserve accounts, those accounts being: Vector Control Joint Powers Association: Contingency Fund; Public Agency Retirement Services (PARS): Rate Stabilization; California Asset Management Program (CAMP): Capital reserve; California CLASS: Public Health Emergency; California CLASS: Public Health Emergency Fund; California CLASS: Repair and Replace Fund; California CLASS: Operating Reserve Fund; California CLASS: Operational Fund.

Board of Trustees has established a stated target fund level for each of the designated funds and on an annual basis staff performs and annual review and analysis of each of the designated funds that is presented to the Board of Trustees at a public meeting.

Budgetary Control

The District prepares the budget on an annual basis. The budget is reviewed, approved, and modified as necessary by the Board of Trustees, consistent with existing District policies, procedures, and state law.

Strategic Plan

In 2020, 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
 - Safety program adherent
- Professional
 - Honest
 - Reliable
 - Respectful

- Responsive
- Committed
- Inclusionary
- Accountable

Our goals for 2022-23

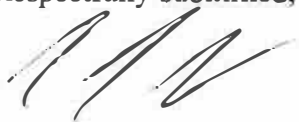
1. Ensure ACMAD has the training, equipment, personnel, partnerships, and financial support to limit the introduction of invasive *Aedes* mosquitoes.
2. Leverage ACMAD assets towards efficient approaches to mosquito control.
3. Employ the best practices for mosquito control districts and local governments.

Awards and Acknowledgements

This is the fourth 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
Financial & HR Specialist



ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

Serving the public since 1930

Board of Trustees as of June 30, 2023

Victor Aguilar - City of San Leandro
Cathy Roache - County-at-Large
Steven Cox - City of Livermore
Tyler Savage- City of Alameda
Robin López - City of Albany
P. Robert Beatty - City of Berkeley
Kashef Qaadri - City of Dublin
Courtney Welch - City of Emeryville

George Young - City of Fremont
George Syrop - City of Hayward
Eric Hentschke - City of Newark
Jan O. Washburn - City of Oakland
Hope Salzer - City of Piedmont
Valerie Arkin - City of Pleasanton
Subru Bhat - City of Union City

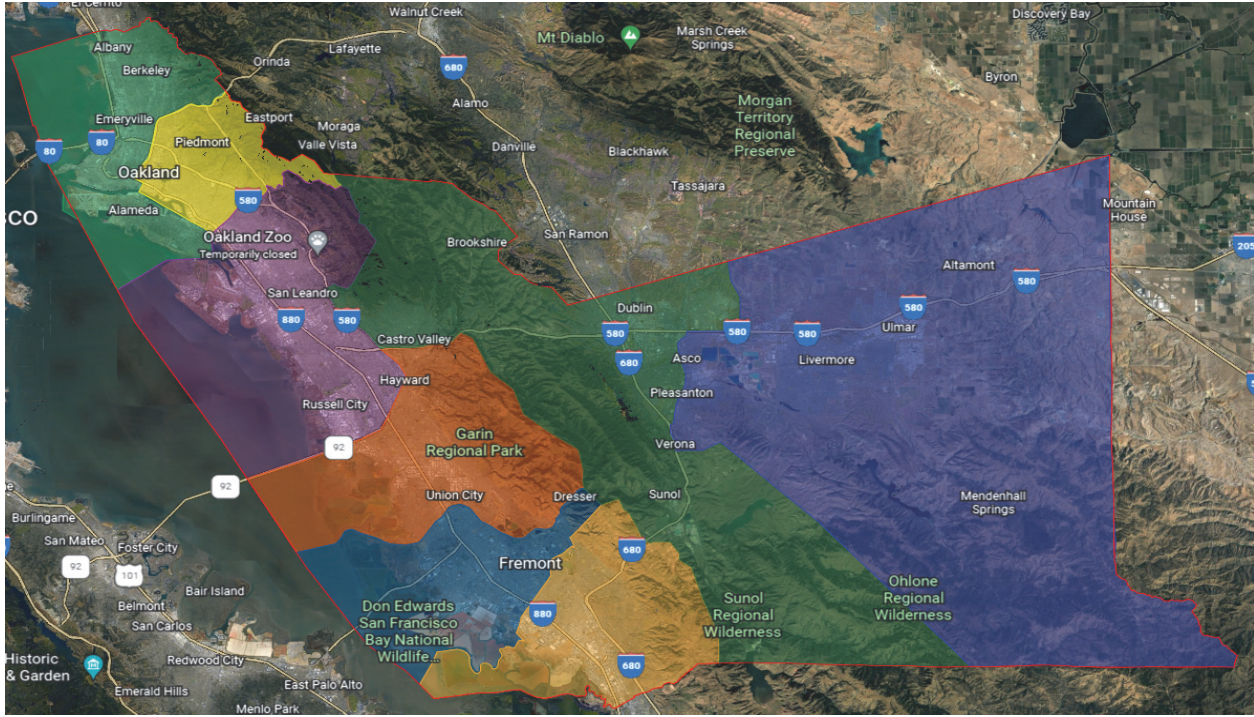
Executive Staff as of June 30, 2023

General Manager
Financial & HR Specialist

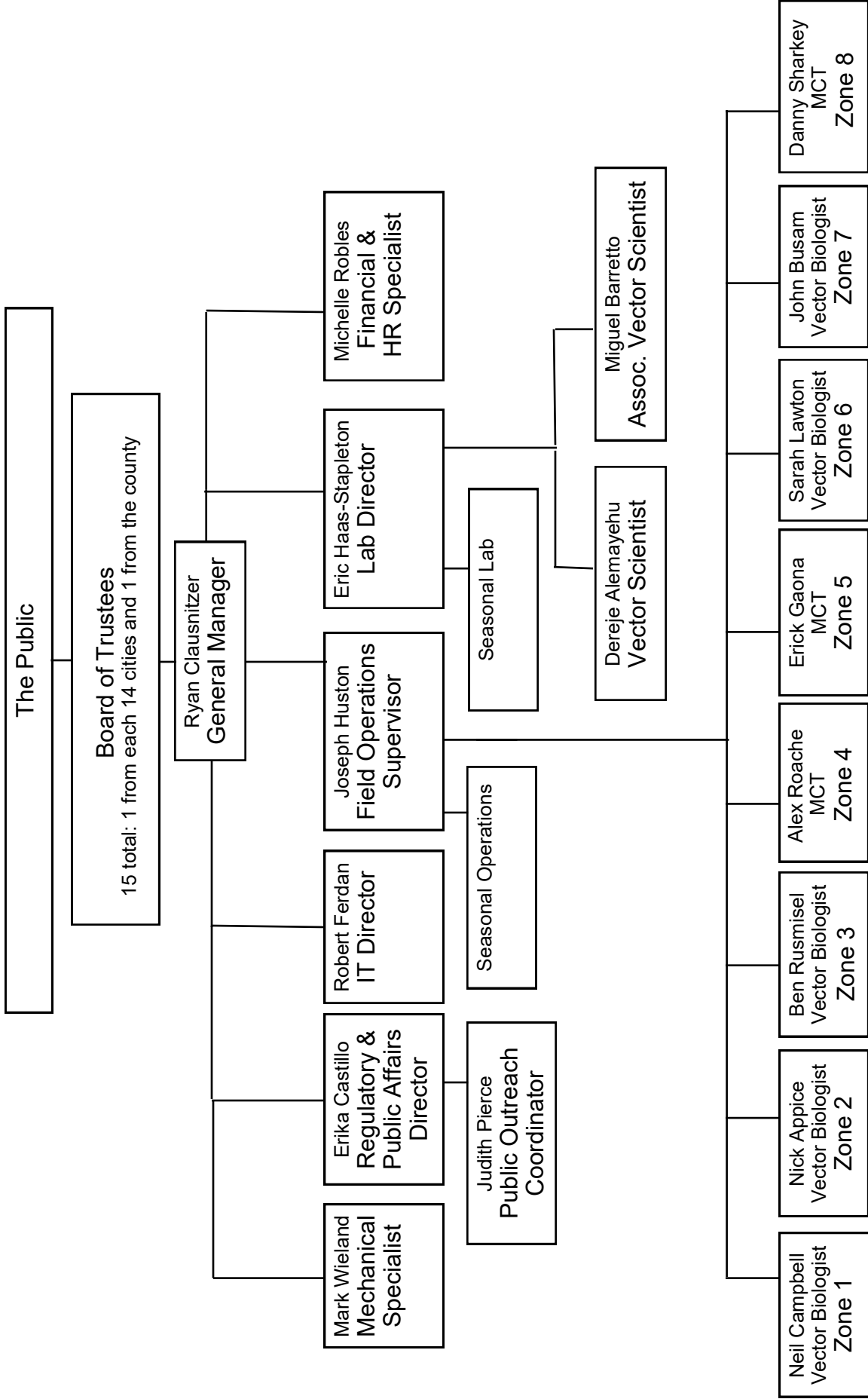
Ryan Clausnitzer
Michelle Robles

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT

Service Area Map with Cities Served



Alameda County Mosquito Abatement District-2023



Revised 8.16.2023



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**Alameda County Mosquito Abatement
California**

For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

June 30, 2022

Christopher P. Morill

Executive Director/CEO

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FINANCIAL SECTION

INDEPENDENT AUDITOR'S REPORT

Board of Trustees
Alameda County Mosquito Abatement District
Hayward, California

Opinions

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, 2023, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the Table of Contents.

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 information of the District as of June 30, 2023, and the respective changes in financial position, and the respective 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.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the District and to meet our other ethical responsibilities, in accordance with the relevant ethical requirement relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibility of Management's 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; and for 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.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibility for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit 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, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

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

Management is responsible for the other information included in the annual report. The other information comprises the Introductory Section and Statistical Section listed in the Table of Contents, but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Mazze & Associates

Pleasant Hill, California
December 13, 2023

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Alameda County Mosquito Abatement District
MANAGEMENT'S DISCUSSION AND ANALYSIS

For the Year Ended June 30, 2023

(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, 2023. 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, 2023
(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.

Fiduciary Funds

Fiduciary funds are used to account for resources held for the benefit of parties outside the government. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the District's own programs.

Analyses of Major Funds

Governmental Funds

General Fund revenues increased by \$805,085 this fiscal year.

General Fund expenditures were \$4,526,592, an increase of \$486,529 from the prior year.

Alameda County Mosquito Abatement District
MANAGEMENT'S DISCUSSION AND ANALYSIS
For the Year Ended June 30, 2023
(Unaudited)

Governmental Activities

Table 1
Governmental Net Position

	Governmental Activities	
	2023	2022
<u>Assets</u>		
Current and other assets	\$ 13,299,779	\$ 11,804,955
Capital assets, non-depreciable	87,534	61,406
Capital assets, depreciable	1,967,961	2,134,008
Net OPEB asset	1,199,826	1,225,311
Total assets	16,555,100	15,225,680
Deferred outflows of resources	2,559,460	1,699,836
<u>Liabilities</u>		
Current liabilities	368,431	337,665
Long-term liabilities	4,327,920	2,034,280
Total liabilities	4,696,351	2,371,945
Deferred inflows of resources	940,110	2,988,264
<u>Net Position</u>		
Net investment in capital assets	2,055,495	2,195,414
Restricted for pension costs	2,136,983	
Restricted for OPEB costs	1,199,826	
Unrestricted	8,085,795	9,369,893
Total net position	\$ 13,478,099	\$ 11,565,307

The District's governmental net position amounted to \$13,478,099 as of June 30, 2023, an increase of \$1,912,792 from 2022. The District's net position as of June 30, 2023, is comprised of the following:

- Cash and investments of \$13,299,779
- Capital assets of \$2,055,495 net of depreciation charges, which includes all the District's capital assets used in governmental activities.
- Net OPEB assets of \$1,199,826 a decrease of \$25,485 from \$1,225,311.
- Liabilities, including accounts payable of \$157,539, compensated absences of \$210,892, and net pension liability of \$4,327,920.
- Net investment in capital assets of \$2,055,495 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, 2023
(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 \$8,085,795 of unrestricted net position as of June 30, 2023.

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	
	2023	2022
<u>Expenses</u>		
Mosquito control	\$ 4,087,726	\$ 4,720,653
Total expenses	4,087,726	4,720,653
 <u>General Revenues</u>		
Property Taxes	3,005,363	2,759,272
Redevelopment distributions	456,130	401,310
Special assessments	1,999,781	1,988,520
Governmental aid (Homeowners Property Tax Relief, State Subvention)	15,832	15,846
Miscellaneous	160,724	256,218
Interest income	362,688	(225,733)
Total revenues	6,000,518	5,195,433
Change in net position	1,912,792	474,780
Net position, beginning of year	11,565,307	11,090,527
Net position, end of year	\$ 13,478,099	\$ 11,565,307

As Table 2 above shows, all the District's fiscal year 2023 governmental revenue of \$4,000,737 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.

The District received \$3,005,363 in property taxes, \$249,966 more than was expected. Although the District was expecting Interest in the amount of \$20,000, due to the current market rate we experienced a gain of \$268,784. The District's total Expenditures were \$4,526,592, \$178,929 less than expected.

Alameda County Mosquito Abatement District
MANAGEMENT'S DISCUSSION AND ANALYSIS
For the Year Ended June 30, 2023
(Unaudited)

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.

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 Annual Comprehensive 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, 2023

	<u>Governmental Activities</u>
ASSETS	
Current assets:	
Cash and investments (Note 3)	\$11,162,796
Restricted cash and investments (Note 3)	<u>2,136,983</u>
Total current assets	<u>13,299,779</u>
Non current assets:	
Capital assets, nondepreciable (Note 4)	87,534
Capital assets, depreciable, net of accumulated depreciation (Note 4)	1,967,961
Net OPEB asset (Note 8)	<u>1,199,826</u>
Total non current assets	<u>3,255,321</u>
Total Assets	<u>16,555,100</u>
DEFERRED OUTFLOWS OF RESOURCES	
Pension related (Note 7)	1,900,029
OPEB related (Note 8)	<u>659,431</u>
Total Deferred Outflows of Resources	<u>2,559,460</u>
LIABILITIES	
Current liabilities:	
Accounts payable	157,539
Compensated absences (Note 2F)	<u>210,892</u>
Total current liabilities	<u>368,431</u>
Non current liabilities:	
Collective net pension liability (Note 7)	<u>4,327,920</u>
Total non current liabilities	<u>4,327,920</u>
Total Liabilities	<u>4,696,351</u>
DEFERRED INFLOWS OF RESOURCES	
Pension related (Note 7)	272,874
OPEB related (Note 8)	<u>667,236</u>
Total Deferred Inflows of Resources	<u>940,110</u>
NET POSITION (Note 2J)	
Net investment in capital assets	2,055,495
Restricted for pension costs	2,136,983
Restricted for OPEB costs	1,199,826
Unrestricted	<u>8,085,795</u>
Total Net Position	<u>\$13,478,099</u>

See accompanying notes to financial statements

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED JUNE 30, 2023

Functions/Programs	Expenses	Program Revenues Charges for Services	Net (Expense) Revenue and Change in Net Position
			Governmental Activities
Governmental Activities:			
District operations	\$4,087,726	\$1,999,781	(\$2,087,945)
Total Governmental Activities	\$4,087,726	\$1,999,781	(2,087,945)
General revenues:			
Property taxes			3,005,363
Redevelopment agency property tax increment			456,130
Government aid tax			15,832
Investment earnings			288,784
Investment earnings - PARS			73,904
Miscellaneous			160,724
Total General Revenues			4,000,737
Change in Net Position			1,912,792
Net Position - Beginning			11,565,307
Net Position - Ending			\$13,478,099

See accompanying notes to financial statements

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
 GOVERNMENTAL FUND - GENERAL FUND
 BALANCE SHEET
 JUNE 30, 2023

ASSETS

Cash and investments (Note 3)	\$11,162,796
Restricted cash and investments (Note 3)	<u>2,136,983</u>
Total Assets	<u><u>\$13,299,779</u></u>

LIABILITIES

Accounts payable	<u>\$157,539</u>
Total Liabilities	<u>157,539</u>

FUND BALANCES

Assigned for capital projects	5,256,896
Assigned for dry period cash	<u>7,885,344</u>
Total Fund Balances	<u>13,142,240</u>
Total Liabilities and Fund Balances	<u><u>\$13,299,779</u></u>

See accompanying notes to financial statements

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
Reconciliation of the
GOVERNMENTAL FUNDS - BALANCE SHEET
with the
STATEMENT OF NET POSITION
JUNE 30, 2023

Total fund balances reported on the governmental funds balance sheet	\$13,142,240
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:	
CAPITAL ASSETS	
Capital assets used in Governmental Activities are not current assets or financial resources and therefore are not reported in the Governmental Funds.	2,055,495
DEFERRED OUTFLOWS AND INFLOWS OF RESOURCES	
Deferred outflows of resources - pension related	1,900,029
Deferred outflows of resources - OPEB related	659,431
Deferred inflows of resources - pension related	(272,874)
Deferred inflows of resources - OPEB related	(667,236)
LONG TERM ASSETS AND LIABILITIES	
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	(210,892)
Collective net pension liability	(4,327,920)
Net OPEB asset	1,199,826
NET POSITION OF GOVERNMENTAL ACTIVITIES	\$13,478,099

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, 2023

REVENUES	
Property taxes	\$3,005,363
Redevelopment agency property tax increment	456,130
Special assessments	1,999,781
Government aid tax (Homeowners Property Tax Relief, State Subvention)	15,832
Use of money and property	288,784
Investment earnings - PARS	73,904
Miscellaneous	160,724
Total Revenues	6,000,518
EXPENDITURES	
Salaries and fringe benefits	3,482,424
Materials, supplies and services	994,633
Capital outlay	49,535
Total Expenditures	4,526,592
NET CHANGE IN FUND BALANCE	1,473,926
BEGINNING FUND BALANCE	11,668,314
ENDING FUND BALANCE	\$13,142,240

See accompanying notes to financial statements

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, 2023

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	\$1,473,926
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.	
Acquisition of capital assets are added back to fund balance	49,535
Depreciation expense reduces fund balance	(189,454)
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	(9,868)
Pension expense, net of deferred inflows and outflows	452,704
Salary and benefit expenses related to OPEB	135,949
CHANGE IN NET POSITION OF GOVERNMENTAL ACTIVITIES	<u><u>\$1,912,792</u></u>

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, 2023

	<u>Original & Final Budget</u>	<u>Actual</u>	<u>Variance with Final Budget Positive (Negative)</u>
REVENUES			
Property taxes	\$2,755,397	\$3,005,363	\$249,966
Redevelopment agency property tax increment		456,130	456,130
Special assessments	1,981,814	1,999,781	17,967
Governmental aid- (Homeowners Property Tax Relief, State Subvention)		15,832	15,832
Use of money and property	20,000	288,784	268,784
Investment earnings - PARS		73,904	73,904
Miscellaneous	<u>143,446</u>	<u>160,724</u>	<u>17,278</u>
Total Revenues	<u>4,900,657</u>	<u>6,000,518</u>	<u>1,099,861</u>
EXPENDITURES			
Salaries and fringe benefits	3,509,995	3,482,424	27,571
Materials, supplies and services	1,149,526	994,633	154,893
Capital outlay	<u>370,000</u>	<u>49,535</u>	<u>320,465</u>
Total Expenditures	<u>5,029,521</u>	<u>4,526,592</u>	<u>502,929</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	<u>(\$128,864)</u>	1,473,926	<u>\$1,602,790</u>
BEGINNING FUND BALANCE		<u>11,668,314</u>	
ENDING FUND BALANCE		<u>\$13,142,240</u>	

See accompanying notes to financial statements

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023

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.

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, 2023, 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, 2023**

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 *modified 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, 2023**

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 and similar items are reported at acquisition value as of the date received. Capital assets received in a service concession arrangement will be reported at acquisition value. 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 absences to be used within a year so it is shown as all current. Compensated absences for the year ended June 30, 2023 was \$210,892.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

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, 2023

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:

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.

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.

K. Leases

A lease is defined as a contract that conveys control of the right to use another entity's nonfinancial asset (the underlying asset) as specified in the contract for a period of time in an exchange or exchange-like transaction. Examples of nonfinancial assets include buildings, land, vehicles and equipment.

The District will record material leases under GASB 87, *Leases*, as required. For fiscal year ended June 30, 2023, the District does not have any leases that meet the requirements to be recorded.

L. Subscription – Based Information Technology Agreement

The District will record material Subscription Based Information Technology Arrangement leases under GASB 96, *SBITAs*, as required. For fiscal year ended June 30, 2023, the District does not have any SBITAs that meet the requirements to be recorded.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

NOTE 3 – CASH AND INVESTMENTS

Cash and investments consisted of the following as of June 30, 2023:

	<u>Carrying Value</u>
Cash and Investments:	
Pooled cash with County Treasury	\$470,989
California Local Agency Investment Fund	106,514
Cash with VCJPA	352,689
Cash in Bank of America	149,163
California CLASS	9,525,300
Cash in Five Star Bank	190,263
CAMP Capital Reserve Fund	367,878
Sub-total	11,162,796
Restricted Cash and Investments:	
PARS (Moderately Conservative Highmark Plus)	2,136,983
Total Cash and Investments	\$13,299,779

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.

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023

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, 2023 was approximately \$26.3 billion. The District had a contractual withdrawal value of \$106,514 in LAIF. At June 30, 2023, these investments matured in an average of 260 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, 2023, these investments matured in an average of 26 days and had an ending balance of \$367,878.

CLASS – The District is a participant in the Prime Fund of the California Cooperative Liquid Assets Securities System (California CLASS), a joint powers authority and public agency established by its members under the provisions of Section 6509.7 of the California Government Code. Members and participants are limited to California public agencies and certain nonprofit corporations whose membership is confined to public agencies or public officials. California CLASS is governed by a Board of Trustees of eligible participants of the program. The District reports its investment in California CLASS at the fair value amount provided by California CLASS, which is the same as the value of the pool shares. The balance in the Prime Fund is available for withdrawal on demand, and is based on the accounting records maintained by California CLASS. Included in California CLASS' investment portfolio are: United States Treasury Notes, Bills, Bonds or Certificates of Indebtedness; registered state warrants or treasury notes or bonds; California local agency bonds, notes, warrants or other indebtedness; federal agency or United States government sponsored enterprise obligations; bankers acceptances; commercial paper; negotiable certificates of deposit; repurchase agreements; medium-term notes; money market mutual funds; notes, bonds or other obligation secured by a first priority security interest in securities authorized under Government Code Section 53651; and mortgage passthrough securities, collateralized mortgage obligations, and other asset – backed securities.

California CLASS' Prime Fund has a target portfolio duration of less than 60-120 days. On June 30, 2023, these investments matured in an average of 44 days. The investment in California CLASS, classified in Level 2 of the fair value hierarchy, is valued based on the fair value factor provided by the California CLASS, which is calculated as the average cost to net asset value per share of the Prime. At June 30, 2023, the fair value approximated the District's cost.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

NOTE 3 – CASH AND INVESTMENTS (Continued)

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, 2023 was \$2,136,983. 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, 2023, 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, 2023, 59% of the funds' assets were held in equity mutual funds and 41% in fixed income mutual funds.

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, 2023:

<u>Governmental Activities:</u>	<u>Level 2</u>	<u>Total</u>
Pooled cash with County Treasury	\$470,989	\$470,989
<i>Investments Exempt from Fair Value Hierarchy:</i>		
California Local Agency Investment Fund		106,514
California CLASS		9,525,300
CAMP Capital Reserve Fund		367,878
PARS (Moderately Conservative Highmark Plus)		2,136,983
Cash with VCJPA		352,689
Cash in bank		339,426
Total cash and investments	<u>\$470,989</u>	<u>\$13,299,779</u>

As of June 30, 2023, the District had \$470,989 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.

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023

NOTE 3 – CASH AND INVESTMENTS (Continued)

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:

	Investment Maturity (In Years)			Investment Rating
	Fair Value	Less than One	One to Five	
Pooled cash with County Treasury	\$470,989	\$174,925	\$296,064	Not rated
California Local Agency Investment Fund	106,514	106,514		Not rated
Cash with VCJPA	352,689	352,689		Not rated
Cash in Bank of America	149,163	149,163		Not rated
Cash in Five Star Bank	190,263	190,263		Not rated
California CLASS	9,525,300	9,525,300		Not rated
CAMP Capital Reserve Fund	367,878	367,878		Not rated
PARS (Moderately Conservative Highmark Plus)	2,136,983	2,136,983		Not rated
Total cash and investments	<u>\$13,299,779</u>	<u>\$13,003,715</u>	<u>\$296,064</u>	

NOTE 4 – CAPITAL ASSETS

An analysis of capital assets at June 30, 2023, is as follows:

	Balance June 30, 2022	Additions	Retirements	Balance June 30, 2023	NBV June 30, 2023
Governmental activities					
Capital assets not being depreciated:					
Land	\$61,406			\$61,406	\$61,406
Construction in progress		\$26,128		26,128	26,128
Total capital assets not being depreciated	<u>61,406</u>	<u>26,128</u>		<u>87,534</u>	<u>\$87,534</u>
Capital assets being depreciated:					
Structures and improvements	4,760,618			4,760,618	\$1,927,439
Machinery and equipment	1,806,769	23,407	(\$51,899)	1,778,277	40,522
Total capital assets being depreciated	<u>6,567,387</u>	<u>23,407</u>	<u>(51,899)</u>	<u>6,538,895</u>	<u>\$1,967,961</u>
Less accumulated depreciation for:					
Structures and improvements	(2,723,997)	(109,182)		(2,833,179)	
Machinery and equipment	(1,709,382)	(80,272)	51,899	(1,737,755)	
Total accumulated depreciation	<u>(4,433,379)</u>	<u>(189,454)</u>	<u>51,899</u>	<u>(4,570,934)</u>	
Total depreciable assets	<u>2,134,008</u>	<u>(\$166,047)</u>		<u>1,967,961</u>	
Total capital assets - net of depreciation	<u>\$2,195,414</u>			<u>\$2,055,495</u>	

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

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.

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.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

NOTE 6 – SELF-INSURANCE AND JOINT POWERS AGENCY (Continued)

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 \$29,500,000.

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 \$352,689 in deposit with the VCJPA as of June 30, 2023, 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.

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.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

NOTE 7 – CALPERS PENSION PLAN (Continued)

The Plan provisions and benefits in effect at June 30, 2023, 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	11.61%	7.76%
Required Unfunded Actuarial Liability Contribution	\$303,245	

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 \$303,245 in fiscal year 2023, as shown in the table above.

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, 2023 the District contributed \$526,204 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, 2023, the District reported a net pension liability of \$4,327,920 for its proportionate shares of the net pension liability of the Plan.

	Proportionate Share of Net Pension Liability
Miscellaneous	\$4,327,920

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

NOTE 7 – CALPERS PENSION PLAN (Continued)

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, 2022, 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, 2021 rolled forward to June 30, 2022 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, 2021 and 2022 was as follows:

	Miscellaneous
Proportion - June 30, 2021	0.107%
Proportion - June 30, 2022	<u>0.026%</u>
Change - Increase (Decrease)	-0.081%

For the year ended June 30, 2023, the District recognized pension expense of \$452,704. At June 30, 2023, 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	\$526,204	
Differences between expected and actual experience	86,913	(\$58,211)
Changes of assumptions	443,486	
Change in proportion and differences between employer contributions and proportionate share of contributions	50,666	(214,663)
Net difference between projected and actual earnings on pension plan investments	<u>792,760</u>	
Total	<u><u>\$1,900,029</u></u>	<u><u>(\$272,874)</u></u>

The \$526,204 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, 2024. 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
2024	\$265,202
2025	226,457
2026	124,414
2027	484,878
	<u><u>\$1,100,951</u></u>

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

NOTE 7 – CALPERS PENSION PLAN (Continued)

Actuarial Assumptions – For the measurement period ended June 30, 2022, the total pension liability was determined by rolling forward the June 30, 2021 total pension liability. The June 30, 2021 total pension liability was based on the following actuarial methods and assumptions for both benefit tiers.

	Miscellaneous
Valuation Date	June 30, 2021
Measurement Date	June 30, 2022
Actuarial Cost Method	Entry-Age Normal Cost Method
Actuarial Assumptions:	
Discount Rate	6.90%
Inflation	2.30%
Payroll Growth	2.80%
Projected Salary Increases	Varies by Entry-Age and Service
Investment Rate of Return	6.90%(1)
Mortality Rate Table ¹	Derived using CalPERS Membership Data for all Funds
Post Retirement Benefit Increase	The lesser of contract COLA or 2.30% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.30% thereafter

(1) Depending on age, service and type of employment

(2) Net of pension plan investment expenses, including inflation

(3) The mortality table used was developed based on CalPERS- specific data. The table includes generational mortality improvements using the Society of Actuaries Scale 80% of scale MP 2020. For more details on this table, please refer to the November 2021 experience study report (based on CalPERS demographic data from 2021 to 2019 that can be found on the CalPERS website).

The underlying mortality assumptions and all other actuarial assumptions used in the June 30, 2021 valuation were based on the results of a November 2021 actuarial experience study for the period 2001 to 2019. Further details of the Experience Study can be found on the CalPERS website.

Discount Rate – The discount rate used to measure the total pension liability for each Plan was 6.90%. 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.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

NOTE 7 – CALPERS PENSION PLAN (Continued)

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations. Using historical and forecasted information for all the funds' asset classes, expected compound (geometric) returns were calculated over the next 20 years using a building-block approach. The expected rate of return was then adjusted to account for assumed administrative expenses of 10 basis points.

The expected real rates of return by asset class are as follows:

Asset Class (a)	Assumed asset allocation	Real Return (a)(b)
Global Equity - Cap-weighted	30.00%	4.54%
Global Equity - Non-Cap-weighted	12.00%	3.84%
Private Equity	13.0%	7.23%
Treasury	5.0%	27.00%
Mortgage-backed Securities	5.0%	50.00%
Investment Grade Corporates	10.0%	1.56%
High Yield	5.0%	2.27%
Emerging market debt	5.0%	2.48%
Private debt	5.0%	3.57%
Real Assets	15.0%	3.21%
Leverage	-5.0%	-0.59%
Total	100%	

(a) An expected inflation of 2.30% used for this period.

(b) Figures are based on the 2021 Asset Liability Management study.

Changes of Assumptions – Effective with the June 30, 2021 valuation date (2022 measurement date), the accounting discount rate was reduced from 7.15% to 6.90%. In determining the long-term expected rate of return, CalPERS took into account long-term market return expectations as well as the expected pension fund cash flows. Projected returns for all asset classes are estimated, combined with risk estimates, and are used to project compound (geometric) returns over the long term. The discount rate used to discount liabilities was informed by the long-term projected portfolio return. In addition, demographic assumptions and the inflation rate assumption were changed in accordance with the 2021 CalPERS Experience Study and Review of Actuarial Assumptions.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

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	5.90%
Net Pension Liability	\$6,599,582
Current Discount Rate	6.90%
Net Pension Liability	\$4,327,920
1% Increase	7.90%
Net Pension Liability	\$2,458,906

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 fiscal year 2020-21. Based on the thresholds specified in CalPERS Funding Risk Mitigation policy, the excess return of 14.3% prescribes a reduction in investment volatility that corresponds to a reduction in the discount rate used for funding purposes of 0.20%, from 7.00% to 6.80%. Since CalPERS was in the final stages of the four-year Asset Liability Management (ALM) cycle. The CalPERS Board elected to defer any changes to the asset allocation until the ALM process concluded, and the board could make its final decision on the asset allocation in November 2021.

On November 17, 2021, the board adopted a new strategic asset allocation. The new asset allocation along with the new capital market assumptions, economic assumptions and administrative expense assumption support a discount rate of 6.90% (net of investment expense, but without a reduction for administrative expense) for financial reporting purposes. This includes a reduction in the price inflation assumption from 2.50% to 2.30% as recommended in the November 2021 CalPERS Experience Study and Review of Actuarial Assumptions. This study also recommended modifications to retirement rates, termination rates, mortality rates and rates of salary increases that were adopted by the CalPERS Board. These new assumptions are reflected in the CalPERS GASB 68 accounting valuation reports for the June 30, 2022 measurement date.

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

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 multiple 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 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, 2023, the District's plan paid approximately \$142,690 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, 2023:

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, 2023**

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, 2023 and the total OPEB liability was determined by an actuarial valuation dated July 1, 2021 that was rolled forward using standard update procedures to determine the total liability as of June 30, 2023, based on the following actuarial methods and assumptions:

	Actuarial Assumptions
Valuation Date	July 1, 2021
Measurement Date	June 30, 2023
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 for Public Agency Miscellaneous were based from CalPERS Experience Study (2000-2019). Post-retirement mortality rates for healthy recipients from CalPERS
Medical Cost Trend Rate	5.50% for 2023; 5.20% for 2024-2069 and 4.50% for 2070 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	1.80%

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, 2023**

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, 2022	\$3,260,094	\$4,485,405	(\$1,225,311)
Changes Recognized for the Measurement Period:			
Service Cost	127,715		127,715
Interest on the total OPEB liability	198,977		198,977
Changes in benefit terms			
Differences between expected and actual experience			
Changes of assumptions			
Contributions from the employer		145,176	(145,176)
Net investment income		294,082	(294,082)
Trustee fees		(2,459)	2,459
Other Disbursements - reimbursement to employer		(135,592)	135,592
Benefit payments	(145,176)	(145,176)	
Net changes	181,516	156,031	25,485
Balance at June 30, 2023	\$3,441,610	\$4,641,436	(\$1,199,826)

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%	Discount Rate	Discount Rate +1%
(5.00%)	(6.00%)	(7.00%)
(\$768,836)	(\$1,199,826)	(\$1,556,675)

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)		
Medical Cost		
1% Decrease	Trend Rates	1% Increase
(4.00%)	(5.00%)	(6.00%)
(\$1,594,511)	(\$1,199,826)	(\$714,619)

**ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
For the Year Ended June 30, 2023**

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, 2023, the District recognized OPEB expense of \$135,949. At June 30, 2023, the District reported deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience		(\$326,162)
Changes in assumptions or other inputs	\$77,291	(35,357)
Net differences between projected and actual earnings on plan investments	582,140	(305,717)
Total	\$659,431	(\$667,236)

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
2024	(\$184,925)
2025	12,576
2026	173,206
2027	(8,662)
Total	(\$7,805)

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 18 employees deferred compensation during the fiscal year ended June 30, 2023.

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.

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>
Plan's proportion of the Net Pension Liability (Asset)	0.0309%	0.0780%	0.0760%	0.0783%	0.0023%
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
Plan's Covered Payroll	\$1,287,185	\$1,467,683	\$1,580,981	\$1,588,441	\$1,744,412
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%
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%

Change in assumption - In 2023, the accounting discount rate was decreased from 7.15% to 6.90%.

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

Measurement Date	<u>6/30/2019</u>	<u>6/30/2020</u>	<u>6/30/2021</u>	<u>6/30/2022</u>
Plan's proportion of the Net Pension Liability (Asset)	0.0038%	0.0034%	0.0221%	-0.0812%
Plan's proportion share of the Net Pension Liability (Asset)	\$3,277,554	\$3,603,091	\$3,603,091	\$4,327,920
Plan's Covered Payroll	\$1,894,209	\$1,980,518	\$1,980,518	\$2,121,872
Plan's Proportionate Share of the Net Pension Liability/(Asset) as a Percentage of its Covered Payroll	173.03%	181.93%	181.93%	203.97%
Plan's Proportionate Share of the Fiduciary Net Position as a Percentage of the Plan's Total Pension Liability	77.3860%	75.6603%	86.8115%	74.0290%

Change in assumption - In 2023, the accounting discount rate was decreased from 7.15% to 6.90%.

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

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
Actuarially determined contribution	\$152,526	\$205,340	\$136,053	\$317,084	\$310,838
Contributions in relation to the actuarially determined contributions	(152,526)	(205,340)	(136,053)	(317,084)	(310,838)
Contribution deficiency (excess)	\$0	\$0	\$0	\$0	\$0
Covered payroll	\$1,287,185	\$1,467,683	\$1,580,981	\$1,744,412	\$1,894,209
Contributions as a percentage of covered payroll	11.85%	13.99%	8.61%	18.18%	16.41%

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

Fiscal Year	2020	2021	2022	2023
Actuarially determined contribution	\$378,833	\$423,092	\$470,541	\$526,204
Contributions in relation to the actuarially determined contributions	(378,833)	(423,092)	(470,541)	(526,204)
Contribution deficiency (excess)	\$0	\$0	\$0	\$0
Covered payroll	\$1,980,518	\$2,037,043	\$2,121,872	\$2,318,987
Contributions as a percentage of covered payroll	19.13%	20.77%	22.18%	22.69%

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

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
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>	<u>6/30/22</u>	<u>6/30/23</u>
Total OPEB Liability						
Service Cost	\$150,088	\$154,591	\$104,418	\$107,551	\$114,831	\$127,715
Interest	200,500	207,352	157,133	162,087	164,767	198,977
Changes in benefit terms					416,529	
Differences between expected and actual experience			(928,071)		(204,737)	
Changes of assumptions			(163,933)		125,597	
Benefit payments	<u>(241,589)</u>	<u>(231,032)</u>	<u>(191,079)</u>	<u>(172,893)</u>	<u>(132,720)</u>	<u>(145,176)</u>
Net change in total OPEB liability	108,999	130,911	(1,021,532)	96,745	484,267	181,516
Total OPEB liability - beginning	<u>3,460,704</u>	<u>3,569,703</u>	<u>3,700,614</u>	<u>2,679,082</u>	<u>2,775,827</u>	<u>3,260,094</u>
Total OPEB liability - ending (a)	<u>\$3,569,703</u>	<u>\$3,700,614</u>	<u>\$2,679,082</u>	<u>\$2,775,827</u>	<u>\$3,260,094</u>	<u>\$3,441,610</u>
Plan fiduciary net position						
Contributions - employer	\$63,129	\$60,365	\$20,412	\$172,893	\$132,720	\$145,176
Contributions - employee						
Net investment income	299,763	284,866	285,286	962,104	(656,091)	294,082
Trustee fees		(2,851)	(2,934)		(2,670)	(2,459)
Administrative expense	(2,769)	(6,765)		(2,797)		
Other Disbursements - reimbursement to employer				(163,355)	(154,424)	(135,592)
Benefit payments	<u>(241,589)</u>	<u>(231,032)</u>	<u>(191,079)</u>	<u>(172,893)</u>	<u>(132,720)</u>	<u>(145,176)</u>
Net change in plan fiduciary net position	118,534	104,583	111,685	795,952	(813,185)	156,031
Plan fiduciary net position - beginning	<u>4,167,835</u>	<u>4,286,369</u>	<u>4,390,952</u>	<u>4,502,637</u>	<u>5,298,590</u>	<u>4,485,405</u>
Plan fiduciary net position - ending (b)	<u>\$4,286,369</u>	<u>\$4,390,952</u>	<u>\$4,502,637</u>	<u>\$5,298,589</u>	<u>\$4,485,405</u>	<u>\$4,641,436</u>
 Net OPEB liability/(asset) - ending (a)-(b)	 <u>(\$716,666)</u>	 <u>(\$690,338)</u>	 <u>(\$1,823,555)</u>	 <u>(\$2,522,762)</u>	 <u>(\$1,225,311)</u>	 <u>(\$1,199,826)</u>
 Plan fiduciary net position as a percentage of the total OPEB liability/(asset)	 120.08%	 118.65%	 168.07%	 190.88%	 137.59%	 134.86%
 Covered-employee payroll	 \$1,744,412	 \$1,894,209	 \$1,980,518	 \$2,037,043	 \$2,121,872	 \$2,179,057
 Net OPEB liability/(asset) as a percentage of covered-employee payroll	 <u>-41.08%</u>	 <u>-36.44%</u>	 <u>-92.07%</u>	 <u>-123.84%</u>	 <u>-57.75%</u>	 <u>-55.06%</u>

* Fiscal year 2018 was the first year of implementation.

ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT
 SCHEDULE OF CONTRIBUTIONS
 Agent - Multiple Employer Defined Benefit Health Care Plan
 Last 10 fiscal years*

Fiscal Year Ended June 30,	2018	2019	2020	2021	2022	2023
Actuarially determined contribution	\$113,347	\$117,354	\$18,076	\$18,618	\$0	\$0
Contributions in relation to the actuarially determined contribution	<u>113,347</u>	<u>117,354</u>	<u>18,076</u>	<u>18,618</u>	<u>0</u>	<u>0</u>
Contribution deficiency (excess)	<u>\$0</u>	<u>\$0</u>	<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>	<u>\$2,121,872</u>	<u>\$2,179,057</u>
Contributions as a percentage of covered-employee payroll	6.50%	6.20%	0.91%	0.91%	0.00%	0.00%

Actuarial Assumptions

Valuation Date	July 1, 2021
Measurement Date	June 30, 2023
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 for Public Agency Miscellaneous were based from CalPERS Experience Study (2000-2019). Post-retirement mortality rates for healthy recipients from CalPERS Experience Study (2000-2019).
Medical Cost Trend Rate	5.50% for 2023; 5.20% for 2024-2069 and 4.50% for 2070 and later years.

* Fiscal year 2018 was the first year of implementation.

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STATISTICAL SECTION

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Statistical Section

This part of the Alameda County Mosquito Abatement District's Annual Comprehensive Financial Report presents the detailed information as a context for understand what the information in the financial statements, note disclosures, and required supplementary information says about the District's overall financial health.

Contents

Financial Trends - These schedules contain trend information to help the reader understand how the District's financial performance and well-being have changed over time.

Revenue Capacity - These schedules contain information to help the reader assess one of the District's most significant local revenue source, the property tax.

Debt Capacity - The District has no long-term debt issues.

Demographic and Economic Information - These schedules offer demographic and economic indicators to help the reader understand the environment within which the District's financial activities take place.

Operating Information - These schedules contain service and infrastructure data to help the reader understand how the information in the District's ACFR relates to the services the District provides and activities it performs.

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**Alameda County Mosquito Abatement District
Net Position by Component
Last Ten Fiscal Years**

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
<u>Governmental Activities</u>										
Net Investment in Capital Assets	\$ 2,055,495	\$ 2,195,414	\$ 2,393,026	\$ 2,609,548	\$ 2,852,921	\$ 2,748,806	\$ 2,604,121	\$ 2,560,129	\$ 2,689,391	\$ 2,667,980
Unrestricted	8,085,795	9,369,893	8,697,501	7,132,452	6,507,741	4,929,985	5,317,714	5,244,509	2,769,101	3,519,647
Restricted for pension costs	2,136,983	-	-	-	-	-	-	-	-	-
Restricted for OPEB costs	1,199,826	-	-	-	-	-	-	-	-	-
Total Governmental Activities Net Position	13,478,099	11,565,307	11,090,527	9,742,000	9,360,662	7,678,791	7,921,835	7,804,638	5,458,492	6,187,627
<u>Primary Government</u>										
Net Investment in Capital Assets	2,055,495	2,195,414	2,393,026	2,609,548	2,852,921	2,748,806	2,604,121	2,560,129	2,689,391	2,667,980
Unrestricted	8,085,795	9,369,893	8,697,501	7,132,452	6,507,741	4,929,985	5,317,714	5,244,509	2,769,101	3,519,647
Restricted for pension costs	2,136,983	-	-	-	-	-	-	-	-	-
Restricted for OPEB costs	1,199,826	-	-	-	-	-	-	-	-	-
Total Primary Government Net Position	13,478,099	11,565,307	11,090,527	9,742,000	9,360,662	7,678,791	7,921,835	7,804,638	5,458,492	6,187,627

Source: District Financial Statements

**Alameda County Mosquito Abatement District
Changes in Net Position
Last Ten Fiscal Years**

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Net Position, Beginning balance	\$ 11,565,307	\$ 11,090,527	\$ 9,742,000	\$ 9,360,662	\$ 7,678,791	\$ 7,921,835	\$ 7,804,638	\$ 5,458,498	\$ 6,187,627	\$ 5,979,808
Position Restatement	-	-	-	-	-	(1,292,101)	-	1,510,343	(2,473,538)	-
Restated Net Position	11,565,307	11,090,527	9,742,000	9,360,662	7,678,791	6,629,734	7,804,638	6,968,841	3,714,089	5,979,808
Expenses										
Mosquito Control	4,087,726	4,720,653	4,058,027	4,765,364	3,240,678	3,574,293	4,249,706	3,345,034	2,260,635	2,691,497
OPEB trust contribution	-	-	-	-	-	-	-	-	-	800,000
Retirement unfunded liability costs	-	-	-	-	-	-	-	-	-	-
General Revenues										
Property Taxes	3,005,363	2,759,272	2,624,188	2,502,132	2,325,861	2,054,129	2,029,078	1,892,482	1,732,006	1,597,083
Redevelopment distributions	456,130	401,310	364,485	297,598	250,284	236,382	180,474	171,178	172,346	165,563
Special assessments	1,999,781	1,988,520	1,962,192	1,951,959	1,939,212	2,026,453	1,916,198	1,903,257	1,899,118	1,886,169
Governmental aid	15,832	15,846	15,854	16,055	16,138	16,220	15,954	15,662	15,714	15,924
Transfer from OPEB	-	-	-	-	-	-	170,219	149,986	133,188	-
Miscellaneous	160,724	256,218	203,268	202,459	223,566	264,661	20,824	20,963	13,942	24,619
Interest income	362,688	(225,733)	236,567	176,499	167,488	25,505	34,156	27,303	38,724	9,958
Total General Revenue	6,000,518	5,195,433	5,406,554	5,146,702	4,922,549	4,623,350	4,366,903	4,180,831	4,005,038	3,699,316
Total Revenue	6,000,518	5,195,433	5,406,554	5,146,702	4,922,549	4,623,350	4,366,903	4,180,831	4,005,038	3,699,316
Total Expenses	4,087,726	4,720,653	4,058,027	4,765,364	3,240,678	3,574,293	4,249,706	3,345,034	2,260,635	3,491,497
Change in Net Position	1,912,792	474,780	1,348,527	381,338	1,681,871	1,049,057	117,197	835,797	1,744,403	207,819
Net position, Ending balance	\$ 13,478,099	\$ 11,565,307	\$ 11,090,527	\$ 9,742,000	\$ 9,360,662	\$ 7,678,791	\$ 7,921,835	\$ 7,804,638	\$ 5,458,498	\$ 6,187,627

Source: District Financial Statements

**Alameda County Mosquito Abatement District
Fund Balances of Governmental Funds
Last Ten Fiscal Years**

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
Assigned											
Assigned for capital projects	\$ 5,256,896	\$ 4,667,326	\$ 4,205,178	\$ 3,580,662	\$ 3,196,718	\$ 2,822,828	\$ 2,565,404	\$ 2,210,527	\$ 500,000	\$ 500,000	\$ 500,000
Assigned for dry period cash	7,885,344	7,000,988	6,307,766	5,370,994	4,795,078	4,234,241	3,848,107	3,315,791	3,039,735	2,181,632	2,181,632
Assigned for public health emergencies	-	-	-	-	-	-	-	-	361,485	361,485	361,485
Assigned for insurance	-	-	-	-	-	-	-	-	476,530	476,530	220,342
Unassigned	-	-	-	-	-	-	-	-	-	-	-
Total Fund Balances	\$ 13,142,240	\$ 11,668,314	\$ 10,512,944	\$ 8,951,656	\$ 7,991,796	\$ 7,057,069	\$ 6,413,511	\$ 5,526,318	\$ 4,377,750	\$ 3,519,647	\$ 3,263,459

Source: District Financial Statements

Alameda County Mosquito Abatement District
Changes in Fund Balances of Governmental Funds
Last Ten Fiscal Years

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Beginning Fund Balance	\$ 11,668,314	\$ 10,512,944	\$ 8,951,656	\$ 7,991,796	\$ 7,057,069	\$ 6,413,511	\$ 5,526,318	\$ 4,377,750	\$ 3,519,647	\$ 3,263,459
<u>Revenues</u>										
Property taxes	3,005,363	2,759,272	2,624,188	2,502,132	2,325,861	2,054,129	2,029,078	1,892,482	1,732,006	1,597,083
Redevelopment distributions	456,130	401,310	364,485	297,598	250,284	236,382	180,474	171,178	172,346	165,563
Special assessments	1,999,781	1,988,520	1,962,192	1,951,959	1,939,212	2,026,453	1,916,198	1,903,257	1,899,118	1,886,169
Government aid	15,832	15,846	15,854	16,055	16,138	16,220	15,954	15,662	15,714	15,924
Transfer from OPEB trust	-	-	-	-	-	-	170,219	149,986	133,188	-
Interest	362,688	(225,733)	236,567	176,499	167,488	25,505	34,156	27,303	13,942	9,958
Miscellaneous	160,724	256,218	203,268	202,459	223,566	264,661	20,824	20,963	38,724	24,619
Total Revenues	6,000,518	5,195,433	5,406,554	5,146,702	4,922,549	4,623,350	4,366,903	4,180,831	4,005,038	3,699,316
<u>Expenditures</u>										
Salaries and fringe benefits	3,482,424	3,107,470	2,990,918	2,854,468	2,683,156	2,480,037	2,369,690	2,133,833	2,086,888	1,950,547
Materials, supplies, and services	994,633	932,593	817,384	867,982	886,491	999,776	833,192	780,944	807,706	556,992
Capital outlay	49,535	-	36,964	464,392	418,175	499,979	276,828	117,486	252,341	135,589
Retirement unfunded liability costs	-	-	-	-	-	-	-	-	-	-
OPEB trust contribution	-	-	-	-	-	-	-	-	-	800,000
Debt service	-	-	-	-	-	-	-	-	-	-
Total Expenditures	4,526,592	4,040,063	3,845,266	4,186,842	3,987,822	3,979,792	3,479,710	3,032,263	3,146,935	3,443,128
Net change in Fund Balance	1,473,926	1,155,370	1,561,288	959,860	934,727	643,558	887,193	1,148,568	868,103	256,188
Beginning Fund Balance	11,668,314	10,512,944	8,951,656	7,991,796	7,057,069	6,413,511	5,526,318	4,377,750	3,519,647	3,263,459
Ending Fund Balance	\$ 13,142,240	\$ 11,668,314	\$ 10,512,944	\$ 8,951,656	\$ 7,991,796	\$ 7,057,069	\$ 6,413,511	\$ 5,526,318	\$ 4,377,750	\$ 3,519,647

Source: District Financial Statements

**Alameda County Mosquito Abatement District
Capital Assets
Last Ten Fiscal Years**

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Land	\$ 61,406	\$ 61,406	\$ 61,406	\$ 61,406	\$ 61,406	\$ 61,406	\$ 61,406	\$ 61,406	\$ 61,406	\$ 61,406
Construction in Progress	26,128	-	-	-	329,927	-	-	-	-	-
Structures and improvements	4,760,618	4,760,618	4,760,618	4,760,618	4,430,691	4,529,023	4,379,435	4,128,158	4,057,720	3,929,444
Machinery and equipment	1,778,277	1,806,769	1,769,859	1,751,859	1,733,785	1,553,075	1,278,766	1,254,255	1,210,447	1,103,859
Total Capital Assets	6,538,895	6,567,387	6,530,477	6,512,477	6,164,476	6,082,098	5,658,201	5,382,413	5,268,167	5,033,303
Accumulated Depreciation	(4,570,934)	(4,433,379)	(4,198,857)	(3,964,335)	(3,702,888)	(3,394,698)	(3,115,486)	(2,883,690)	(2,640,182)	(2,426,729)
Total Capital Assets	\$ 2,055,495	\$ 2,195,414	\$ 2,333,026	\$ 2,609,548	\$ 2,852,921	\$ 2,748,806	\$ 2,604,121	\$ 2,560,129	\$ 2,689,391	\$ 2,667,980

Source: District Financial Statements

**Alameda County Mosquito Abatement District
Principal Employers
Year 2023 and 2014**

Employer	Business Type	2023 ¹		2014 ¹		Percentage of County ²
		Number of Employees	Rank	Number of Employees	Rank	
University of California, Berkeley ³	University-College Academics	10,000+	1	19,779	1	2.53 %
Western Digital Corp ³	Computer Storage Devices	10,000+	1	-	20+	-
County of Alameda ⁴	Local Government	9,275	3	9,042	2	1.16
Grifols Diagnostic Solutions ³	Health Care	5,000 - 9,999	4	-	20+	-
Lawrence Berkeley Lab ³	Laboratories-Research & Development	5,000 - 9,999	4	19,779	1	2.53
Lawrence Livermore Natl Lab ³	Laboratories-Research & Development	5,000 - 9,999	4	8,007	4	1.02
PG&E Corp. ³	Utilities - Energy Production	5,000 - 9,999	4	-	20+	-
Alta Bates Summit Medical Center ³	Health Care	1,000 - 4,999	8	7,443	6	0.95
Bay Area Rapid Transit (BART) ³	Public Transit	1,000 - 4,999	8	-	20+	-
California State University, East Bay ³	University-College Academics	1,000 - 4,999	8	-	20+	-
Cooper Vision Inc. ³	Wholesale Trade	1,000 - 4,999	8	-	20+	-
Dell EMC ³	Computer Storage Devices	1,000 - 4,999	8	-	20+	-
East Bay Municipal Utility District (EBMUD) ³	Utilities - Water & Sewage	1,000 - 4,999	8	-	20+	-
Kaiser Permanente Oakland Medical ³	Health Care	1,000 - 4,999	8	8,618	3	1.10
Peri Grill House ³	Food Services	1,000 - 4,999	8	-	20+	-
California Dept of Transportation (CalTrans) ³	State Government	1,000 - 4,999	8	-	20+	-
UCSF Benioff Children's Hospital ³	Health Care	1,000 - 4,999	8	-	20+	-
Valley Care Health System ³	Health Care	1,000 - 4,999	8	-	20+	-
Washington Hospital Healthcare ³	Health Care	1,000 - 4,999	8	-	20+	-
Total		56,275 - 119,260		72,668		9.29 %
						11.27 %

Source: Employment Development Department
SFBT research for employment data
Auditor- Controller, County of Alameda

¹ The number of employees, except for County of Alameda as of January 1, 2014. Information as of June 30, 2014 was not available.
Total employment within County of Alameda is unavailable.

² Percentage calculated based on Alameda County's Employment of 791,100 for June 2023 and 781,400 for June 2014 (Source: Employment Development Department)
Percentage calculated as of June 30, 2023 based on the midpoint of the reported employee range.

³ Information from EDD as of September 2023. Information as of June 30, 2023 is not available, except for County of Alameda employer.

⁴ Information from County of Alameda's database as of June 30, 2023.

**Alameda County Mosquito Abatement District
Demographics and Economic Statistics
Last Ten Fiscal Years**

Fiscal Year	Population	Personal Income	Personal Income (Per Capita)	Unemployment Rate ²
2014	1,573,254	\$ 90,631,392	\$ 56,261	5.8%
2015	1,599,888	- ¹	- ¹	4.6%
2016	1,627,865	- ¹	- ¹	4.7%
2017	1,638,215	101,370,460	61,879	4.0%
2018	1,663,190	118,554,685	71,282	3.3%
2019	1,666,753	127,746,433	76,644	3.1%
2020	1,671,329	135,663,560	81,171	12.2%
2021	1,682,353	164,437,681	99,746	6.6%
2022	1,682,353 ⁴	- ¹	- ¹	3.0%
2023	1,628,997	- ¹	- ¹	4.2%

1 - Personal Income and Per Capita Income is not available for 2015-2016 and 2022-2023.

2 - Dollar estimates are in current dollars (not adjusted for inflation); Per Capita Personal Income was computed using Census Bureau's midyear population estimates, which differ from the population column of this page.

3 - Unemployment rates are as of June of each year.

4 - Population data was still based from 2020 census date due to no current information.

Source: Employment Development Department Labor Market
State of California Department of Finance
U.S Department of Commerce, Bureau of Economic Analysis
Auditor- Controller, County of Alameda

**Alameda County Mosquito Abatement District
Property Tax Levies and Collections
Last Ten Fiscal Years**

Fiscal Year	Taxes Levied for the Fiscal Year ¹	Collected within the Fiscal Year		Collections in Subsequent Years	Total Collections to Date	
		Amount	Percentage of Levy		Amount	Percentage of Levy
2014	\$ 2,539,344	\$ 2,503,557	98.59 %	\$ 34,031	\$ 2,537,588	99.9 %
2015	2,711,822	2,675,977	98.68	30,564	2,706,541	99.8
2016	2,880,728	2,840,578	98.61	37,858	2,878,436	99.9
2017	3,082,262	3,040,805	98.65	39,449	3,080,254	99.9
2018	3,350,221	3,313,841	98.91	35,669	3,349,510	100.0
2019	3,618,407	3,581,759	98.99	41,013	3,622,772	100.1
2020	3,896,168	3,847,811	98.76	48,662	3,896,473	100.0
2021	4,118,683	4,069,198	98.80	40,393	4,109,591	99.8
2022	4,335,483	4,278,530	98.69	40,001	4,318,531	99.6
2023	4,699,072	4,636,760	98.67		4,636,760	98.7

¹ Taxes levied for the fiscal year are based on the original charge and are not adjusted for any value changes that may reduce or increase taxes levied and impact percentage of levy collections, including collections to be greater than one hundred percent.

Source: Auditor- Controller, County of Alameda

Alameda County Mosquito Abatement District
Full - Time District Employees
Last Ten Fiscal Years

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
District Manager	1	1	1	1	1	1	1	1	1	1
Financial & HR Specialist ¹	1	1	1	1	1	1	1	2	1	1
IT Director	1	1	1	1	1	1	1	1	1	1
Regulatory & Public Affairs Director	1	1	1	1	1	1	1	1	1	1
Public Outreach Coordinator	1	1	1	0	0	0	0	0	0	0
Field Operations	9	9	9	9	10	9	9	9	9	8
Lab	3	3	3	3	3	3	2	2	2	2
Mechanic	1	1	1	1	1	1	1	1	1	1
Total	18	18	18	17	18	17	16	17	16	15

1 - Accounting position was reclassified during the 21/22 fiscal year.

Source: District Biennial Report

**Alameda County Mosquito Abatement District
Largest Secured Taxpayers
Year 2023 and 2014**

Taxpayer	June 30, 2023			June 30, 2014		
	Secured Assessed Value	Rank	% of total	Secured Assessed Value	Rank	% of total
Pacific Gas & Electric Co.	\$ 3,148,504	1	0.87 %	\$ 1,600,636	1	0.80 %
Tesla Motors Inc	2,701,510	2	0.75	315,896	10	0.16
Kaiser Foundation Hospitals	703,504	3	0.19	971,305	2	0.49
Kaiser Foundation Health Plan Inc	538,586	4	0.15	361,789	5	0.18
BA2 300 Lakeside LLC	458,238	5	0.13			
Uptown Broadway LLC	427,380	6	0.12			
CP VI Franklin LLC	426,883	7	0.12			
BMR Gateway Boulevard LLC	391,701	8	0.11			
Pacific Commons Owner LP	382,099	9	0.11			
Sofxi WFO Center 21 Owner LLC	370,970	10	0.10			
Russell City Energy Company, LLC				668,100	3	0.34
Pacific Bell Telephone Company				424,644	4	0.21
BRE Properties Inc				413,615	5	0.21
Apple Computer Inc				411,562	6	0.21
Sutter Medical Center Castro Valley				386,462	7	0.19
OCC Venture LLC				362,294	8	0.18
	\$ 9,549,375		2.65 %	\$ 5,916,303		2.97 %

Source: Auditor - Controller, County of Alameda

**Alameda County Mosquito Abatement District
Direct and Overlapping Property Tax Rates
Last Ten Fiscal Years**

Fiscal Year	County General	County Special Districts	Local Special Districts	Agency Districts	Schools	Cities	Total ¹
2014	1.0000	0.0054	0.0015	0.0240	0.1346	0.0529	1.2184
2015	1.0000	0.0054	0.0022	0.0183	0.1393	0.0546	1.2198
2016	1.0000	0.0074	0.0018	0.0177	0.1310	0.0469	1.2048
2017	1.0000	0.0071	0.0019	0.0198	0.1279	0.0513	1.2080
2018	1.0000	0.0077	0.0020	0.0244	0.1406	0.0526	1.2273
2019	1.0000	0.0071	0.0051	0.0251	0.1407	0.0501	1.2281
2020	1.0000	0.0067	0.0056	0.0293	0.1437	0.0504	1.2357
2021	1.0000	0.0066	0.0055	0.0259	0.1382	0.0537	1.2299
2022	1.0000	0.0067	0.0056	0.0152	0.1528	0.0554	1.2357
2023	1.0000	0.0061	0.0054	0.0278	0.1343	0.0569	1.2305

1 - The total reflects the approved Proposition 13 provisions limiting property tax levy 1 percent of full cash value plus levies to pay for the indebtedness approved by voters. The rates shown under special districts, schools, and cities represent the levies for indebtedness.

Source: Auditor, Controller, County of Alameda

**Alameda County Mosquito Abatement District
Assessed Value of Taxable Property
Last Ten Fiscal Years**

Fiscal Year	Residential Property	Commerical Property	Industrial Property	Agricultural Property	Industrial Property	Utility, Unsecured, and Escaped Assessment Property¹	Less: Tax-Exempt Property	Total Taxable Assessed Value	Total Direct Tax Rate
2014	\$ 149,092,989	\$ 29,348,915	\$ 20,120,895	\$ 1,456,520	\$ 2,689,140	\$ 15,633,013	\$ 7,566,667	\$ 210,774,805	1.00 %
2015	161,954,196	29,475,074	20,596,312	1,501,740	2,871,593	15,748,875	8,858,490	223,289,300	1.00
2016	174,707,996	30,784,933	21,604,658	1,573,372	3,008,754	16,840,363	7,931,121	240,588,955	1.00
2017	186,918,732	32,806,144	23,888,234	1,756,511	3,170,216	17,221,687	8,558,188	257,203,336	1.00
2018	200,674,894	34,676,697	25,376,448	1,894,968	3,298,031	17,548,323	9,106,096	274,363,265	1.00
2019	215,427,058	36,533,521	27,666,681	1,876,129	3,469,343	18,506,333	10,161,638	293,317,427	1.00
2020	231,131,813	39,990,023	28,200,728	1,972,429	3,539,951	19,969,802	11,017,076	313,787,670	1.00
2021	247,253,774	42,513,567	29,422,878	2,056,686	3,688,113	21,460,096	11,365,306	335,029,808	1.00
2022	259,956,867	43,695,349	30,673,447	2,087,024	3,847,832	22,184,992	11,755,543	350,689,968	1.00
2023	280,995,338	46,128,507	33,664,307	2,204,382	4,051,085	23,624,482	11,527,680	379,140,421	1.00

1 - The Utility, Unsecured, and escaped assessment rolls are not available by property type.

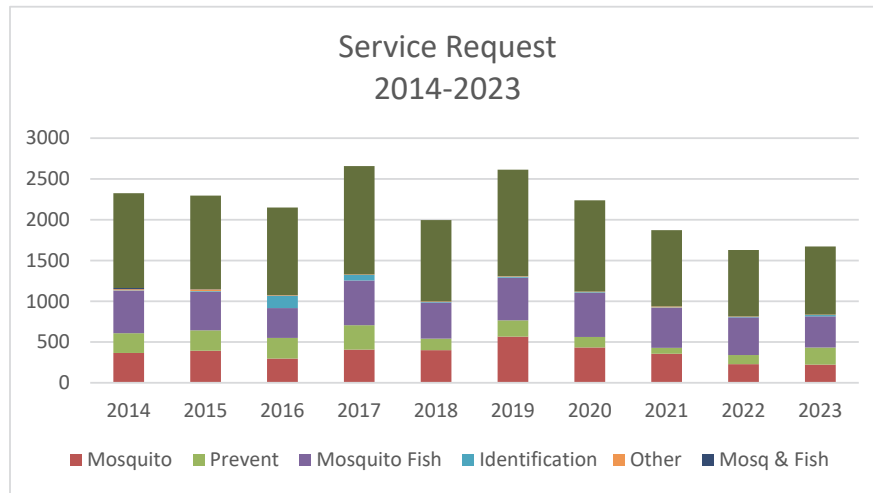
Source: Auditor - Controller, County of Alameda

**Alameda County Mosquito Abatement District
Performance Measures
2014- 2023**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Surveillance for Mosquitoes										
Number of New Jersey Light Traps Collected	541	557	746	686	916	734	671	255	502	139
Number of CO2 Traps Collected	131	837	967	1,553	1,934	1,507	2,046	2,340	4,538	9248
Number of Oviposition Traps Collected	10	1,156	420	2,730	6,671	673	3,444	1,536	585	-
Treatments ¹										
Number of Sources Treated	-	7,782	7,424	6,961	7,113	6,559	7,014	5,828	7,915	8,591
Number of Catchbasins Treated	-	-	850	669	13,402	29,058	27,818	25,770	28,451	29,556
Surveillance for West Nile Virus										
Number of Human Cases	1	-	-	1	-	-	-	-	-	1
Number of Mosquito Collections Tested	213	388	165	1,748	1,451	1,353	813	389	951	796
Number of Mosquito Collections positive for WNV	16	16	2	-	15	-	-	-	-	-
Number of Birds Tested	166	82	51	39	80	83	107	106	48	65
Number of Bird Cases	97	19	11	2	20	-	-	8	2	2
Number of Sentinel Chickens Maintained	21	-	-	-	-	-	7	8	8	8
Source: District Database	1,196	3,055	2,362	6,759	11,087	4,350	7,088	4,642	6,634	10,259

1 - Some information prior to 2014 is not available. The District implemented a new database during the 16/17 fiscal year. The District added Catchbasins to the database during the 17/18 fiscal year.

**Alameda County Mosquito Abatement District
Service Request
2014 through 2023**



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Service :										
Mosquito	366	393	298	407	400	566	434	356	229	223
Prevent	242	251	252	300	142	200	128	73	111	210
Mosquito Fish	522	472	367	548	442	524	541	491	463	383
Identification	5	9	150	68	7	12	9	5	6	15
Other	13	20	7	6	7	5	7	11	5	5
Mosq & Fish ¹	15	3	1	-	-	-	-	-	-	-
Total	1,163	1,148	1,075	1,329	998	1,307	1,119	936	814	836

1 - As of 2017, the District no longer combines the "Mosq & Fish**".

Source: District's Database