

**MOSQUITO AND VECTOR
MANAGEMENT DISTRICT
OF SANTA BARBARA COUNTY**

AUDIT REPORT
June 30, 2017

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
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INDEPENDENT AUDITORS' REPORT

The Board of Trustees
Mosquito and Vector Management District of Santa Barbara County
Summerland, California

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities and the major fund of the Mosquito and Vector Management District of Santa Barbara County (the District) as of and for the fiscal year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

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

Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

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

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

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and the major fund of the Mosquito and Vector Management District of Santa Barbara County, as of and for the fiscal year ended June 30, 2017, and the respective changes in financial position for the fiscal year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 6, the schedule of proportionate share of net pension liability on page 29, the schedule of pension contributions on page 30, the schedule of funding progress for postemployment benefits on page 31, and the budgetary information on page 32 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 Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 21, 2017, on our consideration of the Mosquito and Vector Management District of Santa Barbara County's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

Santa Maria, California
November 21, 2017

Management Discussion and Analysis

The Mosquito and Vector Management District of Santa Barbara County General Manager and District staff worked with Moss, Levy & Hartzheim's audit team in August 2017 to perform the data acquisition portion of this year's audit. District staff conducted an inventory of expendable material on hand as of June 30, 2017.

The sections below present historical information, an overview of the District's performance during the fiscal year ending June 30, 2017 and insights into future performance. Readers are encouraged to peruse this information in conjunction with the accompanying financial statements.

Summary of Organization – an Overview

The District formed in 1936, under the statutes of the State of California Health and Safety Code Sections 2000-2093, to protect public health from various stipulated disease vectors. The District's boundaries include all of the unincorporated areas of Santa Barbara County plus the cities of Carpinteria, Goleta, and Santa Barbara. Approximately 271,600 people live in the area served by the District. The District does not currently serve the cities of Santa Maria, Guadalupe, Lompoc, Buellton and Solvang.

The District currently has a staff of seven people: a) three administrative technical staff positions – a general manager, an operations manager-vector biologist, and an administrative assistant; and b) four vector control technicians, who perform the majority of the mosquito control work. An eight member Board of Trustees governs the District – the County of Santa Barbara Board of Supervisors appoints five trustees and the cities of Carpinteria, Santa Barbara and Goleta appoint three trustees.

The cities of Carpinteria, Goleta and Santa Barbara as well as the unincorporated areas of Summerland, Montecito, Mission Canyon and the area between Santa Barbara and Goleta, receive enhanced vector services as a result of the public's approval of two benefit assessments in these areas. The distinction between enhanced vector services and the basic services received by the remainder of the District's service area are detailed annually in an Engineer's Report typically released in the month of May.

The District contracts with cities and other public entities within Santa Barbara County for mosquito and vector services on publicly owned properties which are not on the ad valorem tax roll and have been specifically excluded from the District's benefit assessment zones. The District provided out-of-agency mosquito control and surveillance services to the City of Pismo Beach, to the California Department of Parks and Recreation – Pismo Dunes District, and to the County of San Luis Obispo in certain areas in southern San Luis Obispo County.

The District applies biorational mosquito suppression methods and materials that are environmentally friendly as part of an overall integrated pest management program. The District maintains a supply stock of mosquito fish (*Gambusia affinis*) that are available without cost to citizens of the enhanced service zones. The District regularly traps mosquitoes and tests them for various human disease causing agents.

The District maintains a flock of approximately fifty chickens, between 7 and 10 chickens per location, in Carpinteria, Goleta, Solvang, Mission Hills, and the Los Prietos Ranger Station (summer only.) These chickens are regularly tested for infection by West Nile virus.

The District utilizes, and makes available, informational brochures, a speaker's bureau, public event attendance, press releases and a website to educate the public on issues of vector management and vector-borne disease prevention.

District staff frequently attends training sessions to ensure that the latest and best materials and techniques are used to detect and manage vectors and vector-borne diseases while protecting staff, the community and the environment.

Overview of the Financial Statements

The basic financial statements in this audit include: 1) Government-wide Financial Statements, including a statement of Net Position and Activities; 2) Fund Financial Statements, including a Balance Sheet, Statement of Revenues, Expenditures, and Changes in Fund Balance, and Reconciliations of these Statements to the Government-wide Statements; 3) Notes to Basic Financial Statements; and 4) Required Supplementary Information. The Notes provide detailed information pertaining to significant accounting policies, cash and investments, property taxes, insurance, net assets, and contingencies. The District manages its finances in two funds. The General Fund which contains monies allocated to the routine operations of the District, and the Capital Reserve Fund which includes monies designated for future use such as significant improvement to the District headquarters or acquisition of another facility.

FY 2016–2017 District Activity Highlights

The District conducts surveillance for mosquitoes and invasive *Aedes* mosquitoes. There were a total of 140 trap deployments in FY 2016-17; twenty-five (22%) more trap deployments than were achieved in FY 2015-16. The 637 traps (546 EVS and 91 BGS) that were deployed caught twenty-five thousand three hundred and seventy-five mosquitoes. The most commonly captured mosquito was the southern house mosquito, *Culex quinquefasciatus*. No invasive *Aedes* mosquitoes were detected.

The highest catch numbers were 798 mosquitoes at Tecolotito Creek between the Santa Barbara Airport and the University of California, Santa Barbara, in the District's enhanced services zone; 6,633 mosquitoes at Jalama Beach; and 2,007 mosquitoes at Oceano Dunes in San Luis Obispo County.

Mosquitoes, sentinel chicken blood samples, and reported dead birds are tested for mosquito-borne encephalitides, and especially for West Nile virus. West Nile virus was not detected in fiscal year 2016-17.

Zika fever and the rapid spread of *Aedes aegypti* and *Aedes albopictus* mosquitoes in California dominated the news cycle during the 2016 calendar year. Media interest in the Mosquito and Vector Management District of Santa Barbara County and its activities increased as a result. The District actively cooperates with the County of Santa Barbara Public Health Department in responding to media interest and in ensuring public awareness to Zika and invasive mosquitoes.

During fiscal year 2016-17, ten travel-associated human cases of Zika infection were detected in Santa Barbara County. The MVMDSBC conducts surveillance, proximally to the residences of human cases, for *Aedes aegypti* and *Aedes albopictus* – none were detected.

For improving the District's facilities, the general manager has achieved an analysis of the needs of the District; an analysis of the financial impact of borrowing money; an estimate of the cost of

remodeling the District's current headquarters and an analysis of the feasibility of buying and building a new facility on an empty lot. These analyses will be included in a future report to the Board of Trustees for consideration for expenditures to improve the District's facilities. The Carpinteria-Summerland Fire Protection District continues to express its interest in acquiring the District's real estate.

The general manager is encouraging professional development in District staff by providing opportunities to staff to learn and demonstrate management, supervision and technical services skills. Certain staff have accompanied the general manager to the California Special District Association's annual General Manager Leadership Summit. All staff have been encouraged to attend management, supervision, and technical skills training as their schedules permit.

FY 2016–17 District Financial Highlights

The District is continuing to provide enhanced vector control services in the expanded Benefit Assessment Service Zone 1. Formerly consisting only of the City of Goleta, Hope Ranch, and other areas of the Goleta Valley, Zone 1 was expanded in 2004 to include the City of Santa Barbara and the communities of Mission Canyon, Montecito, and Summerland. The Zone 1 expansion was accompanied by a corresponding increase in revenues due to the Benefit Assessment now in place in that area. The District also provides enhanced vector control in Benefit Assessment Service Zone 2 which is the Carpinteria area.

The District has been working towards full cost recovery on fee for service contracts for public and private entities that contract with the District for mosquito control services. Fees have been set to the fully burdened rate with overhead for time and materials. The County of San Luis Obispo Environmental Health Services department became a new client in fiscal year ending 2017.

The District contributes to the cost of, up to a specific limit, health insurance to its staff. The District has been paying 100% of the cost. The limit is set by resolution. Provisions exist to adjust the District's contribution according to changes in the consumer price index. Health insurance costs increased by 14% beginning January 2017, which caused some employees health insurance costs to exceed the limit. The District switched from an individual employee contribution limit, to a contribution pool, which allowed the District to continue providing full health insurance coverage, essentially increasing benefits to employees, and costs to the District.

To meet its obligations, under GASB 45, to fund other post employment health benefits ("OPEB"), the District deposited \$36,000 in CalPERS' California Employment Benefit Retirement Trust ("CERBT"), creating an additional asset (overfund) of \$36,710 (up from \$26,382 the previous year). While the District currently has no retired employees collecting this benefit, it is prudent to continue to deposit funds in the trust, as recommended in the biennial actuarial report and as approved by the District's Board of Trustees.

The district made one fixed asset purchase (greater than \$5,000) during the fiscal year. A vehicle was purchased, during the fiscal year, at a cost of \$26,719.

The District ended the fiscal year with \$523,208 in its assigned fund for capital projects and \$901,206 in its unassigned fund for a total spendable fund balance of \$1,504,263. Revenues exceeded expenditures by \$55,839. The change in net position between the beginning and end of the fiscal year is \$24,080.

Looking Forward

Invasive *Aedes* species mosquitoes first appeared in California in 2011 and have quickly spread throughout the state. The species are aggressive daytime biters and readily feed on humans. They are currently not known to occur in Santa Barbara County. The detection of invasive *Aedes* could potentially increase the District's workload from additional service requests and the intensive labor requirements to control these container-breeding species.

The District is working towards a solution to get more space for its operations. A strategic plan is in development that will explore the various opportunities and financial strategies and risks.

Some of the vehicles in the District's fleet are nearing the end of their useful life. One vehicle is scheduled for replacement in fiscal year 2017-18.

The District is currently exploring options for modernizing its acquisition, storage, analysis and reporting of its activity, biological, and logistical data.

In August 2017, outside of the period of this audit, the Public Employees Relations Board certified the Mosquito and Vector Management District of Santa Barbara County Employees Association as the exclusive representative of the Vector Control Technicians.

The Board of Trustees', Santa Barbara County citizens' and staff's support of the District is greatly appreciated.

FINANCIAL SECTION

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
STATEMENT OF NET POSITION
June 30, 2017

	<u>Governmental Activities</u>
ASSETS	
Cash and investments	\$ 1,427,385
Accounts receivable	9,895
Property tax impound receivable	5,637
Interest receivable	3,164
Inventory	16,215
Prepaid insurance	10,369
Deposits	53,255
OPEB asset	36,710
Capital assets:	
Nondepreciable	175,000
Depreciable, net	<u>109,745</u>
 Total assets	 <u>1,847,375</u>
DEFERRED OUTFLOWS OF RESOURCES	
Deferred pensions	<u>426,050</u>
 Total deferred outflows of resources	 <u>426,050</u>
LIABILITIES	
Accounts payable	4,577
Salaries payable	17,080
Noncurrent liabilities	
Net pension liability	909,652
Compensated absences	<u>39,092</u>
 Total liabilities	 <u>970,401</u>
DEFERRED INFLOWS OF RESOURCES	
Deferred pensions	<u>53,334</u>
 Total deferred inflows of resources	 <u>53,334</u>
NET POSITION	
Net investment in capital assets	284,745
Unrestricted	<u>964,945</u>
 Total net position	 <u>\$ 1,249,690</u>

The notes to basic financial statements are an integral part of this statement.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
STATEMENT OF ACTIVITIES
For the Fiscal Year Ended June 30, 2017

	Expenses	Program Revenues		Net (Expense)	
		Charges for Services	Operating Contributions and Grants	Capital Contributions and Grants	Revenue and Changes in Net Position
Governmental activities:					
Vector control	\$ 1,079,125	\$ 96,416	\$ -	\$ -	\$ (982,709)
Total governmental activities	<u>\$ 1,079,125</u>	<u>\$ 96,416</u>	<u>\$ -</u>	<u>\$ -</u>	<u>(982,709)</u>
General Revenues					
Taxes:					
Secured and unsecured property taxes					425,880
Special assessments					561,191
Investment income					5,175
Intergovernmental					14,486
Other revenue					<u>57</u>
Total general revenues					<u>1,006,789</u>
Change in net position					24,080
Net position, beginning of fiscal year					<u>1,225,610</u>
Net position, end of fiscal year					<u>\$ 1,249,690</u>

The notes to basic financial statements are an integral part of this statement.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
GOVERNMENTAL FUND
BALANCE SHEET
June 30, 2017

	General Fund
ASSETS	
Cash and investments	\$ 1,427,385
Accounts receivable	9,895
Property tax impound receivable	5,637
Interest receivable	3,164
Inventory	16,215
Prepaid insurance	10,369
Deposits	<u>53,255</u>
 Total assets	 <u><u>\$ 1,525,920</u></u>
 LIABILITIES AND FUND BALANCE	
Liabilities:	
Accounts payable	\$ 4,577
Salaries payable	<u>17,080</u>
 Total liabilities	 <u>21,657</u>
 Fund Balance:	
Nonspendable:	
Inventory	16,215
Prepaid insurance	10,369
Deposits	53,255
Assigned:	
Capital projects	523,208
Unassigned	<u>901,216</u>
 Total fund balance	 <u>1,504,263</u>
 Total liabilities and fund balance	 <u><u>\$ 1,525,920</u></u>

The notes to basic financial statements are an integral part of this statement.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
RECONCILIATION OF THE GOVERNMENTAL
FUND BALANCE SHEET
TO THE STATEMENT OF NET POSITION
June 30, 2017

Total fund balance - governmental fund \$ 1,504,263

Amounts reported for governmental activities in the statement of net position are different because:

In governmental funds, only current assets are reported. In the statement of net position, all assets are reported, including OPEB asset, capital assets, and accumulated depreciation.

OPEB asset	\$	36,710
Capital assets at historical cost		767,608
Accumulated depreciation		<u>(482,863)</u>

Net 321,455

Deferred outflows related to pensions are only reported in the statement of net position.

426,050

Long-term debt and compensated absences have not been included in the governmental funds activity:

Net pension liability	\$	909,652
Compensated absences		<u>39,092</u>

Total (948,744)

Deferred inflows related to pensions are only reported in the statement of net position.

(53,334)

Total net position - governmental activities \$ 1,249,690

The notes to basic financial statements are an integral part of this statement.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
GOVERNMENTAL FUND
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE
For the Fiscal Year Ended June 30, 2017

	General Fund
Revenues:	
Taxes	\$ 425,880
Special assessments	561,191
Revenue from contract services	96,416
Intergovernmental revenue	14,486
Investment income (loss)	5,175
Other revenue	57
	<hr/>
Total revenues	1,103,205
	<hr/>
Expenditures:	
Salaries and benefits	755,220
Uniforms	5,992
Communications	4,623
Household expense	2,505
Insurance	36,674
Maintenance and repairs	8,860
Operating supplies	7,002
Lab supplies	3,373
Memberships	12,583
Office and miscellaneous expenses	12,303
Professional fees	65,054
Chemicals	86,318
Training	3,502
Transportation and travel	3,500
Fuel	7,464
Utilities	4,270
Capital outlay	28,123
	<hr/>
Total expenditures	1,047,366
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Excess of revenues over (under) expenditures	55,839
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Fund balance, July 1	1,448,424
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Fund balance, June 30	\$ 1,504,263
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The notes to basic financial statements are an integral part of this statement.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
RECONCILIATION OF THE GOVERNMENTAL FUND STATEMENT OF
REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE
TO THE STATEMENT OF ACTIVITIES
For the Fiscal Year Ended June 30, 2017

Net change in fund balance - governmental fund \$ 55,839

Amounts reported for governmental activities in the statement of activities are different because:

Capital assets are reported in governmental funds as expenditures.

However, in the statement of activities, the cost of those assets is allocated over their estimated useful lives as depreciation expense. This is the amount by which additions to capital assets of \$26,719 is more than depreciation expense of (\$16,178) in the period.

10,541

In the statement of activities, compensated absences are measured by the amounts earned during the fiscal year. In governmental funds, however, expenditures for these items are measured by the amount financial resources used (essentially the amounts paid). This fiscal year, vacation earned exceeded the amount used by \$4,771.

(4,771)

In governmental funds, pension costs are recognized when employer contributions are made. In the statement of activities, pension costs are recognized on the accrual basis. This fiscal year, the difference between pension costs and actual employer contributions was:

(47,857)

In governmental funds, OPEB costs are recognized when employer contributions are made. In the statement of activities, OPEB costs are recognized on the accrual basis. This fiscal year, the difference between OPEB costs and actual employer contributions was:

10,328

Change in net position - governmental activities

\$ 24,080

The notes to basic financial statements are an integral part of this statement.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Organization

The Mosquito and Vector Management District of Santa Barbara County (the District), originally named Isla Vista Mosquito Abatement District, changed in 1961 to Goleta Valley Mosquito Abatement District, changed in 1994 to Santa Barbara Coastal Vector Management District, and in 2006, to its current name, was formed in 1959 by the action of the Santa Barbara County Board of Supervisors. In 1996, the Local Agency Formation Commission (LAFCO) increased the District's sphere of influence to include the entire county except for the territory within the Carpinteria Mosquito Abatement District, the city of Santa Barbara and the remainder of the unincorporated area of Santa Barbara County. Through reorganization, effective January 1, 1999, the District annexed the Carpinteria District. The District receives its funding via property taxes paid for the Goleta and Carpinteria, California areas.

In 2002, the District received approval from the County Board of Supervisors and the Local Area Formation Commission to form a Countywide District that would add to its current service areas, all incorporated cities and unincorporated areas in Santa Barbara County. The implementation of Countywide District is pending during examination of the funding mechanisms required to service the District.

B. Reporting Entity

The reporting entity is the Mosquito and Vector Management District of Santa Barbara County. There are no component units included in this report which meets the criteria of the Governmental Accounting Standards Board (GASB) Statement No. 14, *The Financial Reporting Entity*, as amended by GASB Statements No. 39, No. 61 and No. 80.

C. Government-wide and Fund Financial Statements

The government-wide financial statements (i.e., the statement of net position and the statement of activities) report information on all of the nonfiduciary activities of the District. For the most part, the effect of interfund activity has been removed from these statements. *Governmental activities* are normally supported by taxes and intergovernmental revenues.

The statement of activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. *Direct expenses* are those that are clearly identifiable with a specific function or segment. *Program revenues* include 1) the annual benefit assessment that is assessed to all property owners within the District's service area and is reported as charges for services, and 2) contract services that represent Service Zones for service to other agencies or entities for service outside the District's current service area. Taxes and other items not properly included among program revenues are reported instead as *general revenues*.

Separate financial statements are provided for governmental funds. Major individual governmental funds are reported as separate columns in the fund financial statements.

D. Basis of Presentation

Government-wide Financial Statements:

The government-wide statements are prepared using the economic resources measurement focus. This approach differs from the manner in which governmental fund financial statements are prepared. Governmental fund financial statements, therefore, include reconciliation with brief explanations to better identify the relationship between the government-wide statements and the statements for the governmental funds.

The government-wide statement of activities presents a comparison between direct expenses and program revenues for each function or program of the District's governmental activities. Direct expenses are those that are specifically associated with a service, program, or department and are therefore clearly identifiable to a particular function. The District does not allocate indirect expenses to functions in the statement of activities. Program revenues include charges paid by the recipients of goods or services offered by a program, as well as grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues which are not classified as program revenues are presented as general revenues of the District, with certain exceptions. The comparison of direct expenses with program revenues identifies the extent to which each governmental function is self-financing or draws from the general revenues of the District.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

D. Basis of Presentation (Continued)

Fund Financial Statements:

Fund financial statements report detailed information about the District. The focus of governmental fund financial statements is on major funds rather than reporting funds by type. Each major governmental fund is presented in a separate column, and all nonmajor funds are aggregated into one column.

The accounting and financial treatment applied to a fund is determined by its measurement focus. All governmental funds are accounted for using a flow of current financial resources measurement focus. With this measurement focus, only current assets and current liabilities are generally included on the balance sheet. The Statement of Revenues, Expenditures, and Changes in Fund Balances for these funds present increases, (i.e., revenues and other financing sources) and decreases (i.e., expenditures and other financing uses) in net current assets.

E. Basis of Accounting

Basis of accounting refers to when revenues and expenditures are recognized in the accounts and reported in the financial statements. Government-wide financial statements are prepared using the accrual basis of accounting. Governmental funds use the modified accrual basis of accounting.

Revenues – exchange and non-exchange transactions:

Revenue resulting from exchange transactions, in which each party gives and receives essentially equal value, is recorded under the accrual basis when the exchange takes place. On a modified accrual basis, revenue is recorded in the fiscal year in which the resources are measurable and become available. “Available” means the resources will be collected within the current fiscal year or are expected to be collected soon enough thereafter to be used to pay liabilities of the current fiscal year. For the District, “available” means collectible within the current period or within 60 days after fiscal year-end.

Non-exchange transactions, in which the District receives value without directly giving equal value in return, include property taxes and grants. Under the accrual basis, revenue from property taxes is recognized in the fiscal year for which the taxes are levied. Revenue from grants is recognized in the fiscal year in which all eligibility requirements have been satisfied. Eligibility requirements include timing requirements, which specify the fiscal year when the resources are to be used or the fiscal year when use is first permitted; matching requirements, in which the District must provide local resources to be used for a specific purpose; and expenditure requirements, in which the resources are provided to the District on a reimbursement basis. Under the modified accrual basis, revenue from non-exchange transactions must also be available before it can be recognized.

Unearned revenue:

Unearned revenue arises when assets are received before revenue recognition criteria have been satisfied. Grants received before eligibility requirements are met are recorded as deferred revenue. On governmental fund financial statements, receivables associated with non-exchange transactions that will not be collected within the availability period have also been recorded as unearned revenue.

Expenses/expenditures:

On the accrual basis of accounting, expenses are recognized at the time a liability is incurred. On the modified accrual basis of accounting, expenditures are generally recognized in the accounting period in which the related fund liability is incurred, as under the accrual basis of accounting. However, under the modified accrual basis of accounting, debt service expenditures, as well as expenditures related to compensated absences and claims and judgments, are recorded only when payment is due. Allocations of cost, such as depreciation and amortization, are not recognized in the governmental funds.

When both restricted and unrestricted resources are available for use, it is the District’s policy to use restricted resources first then unrestricted resources as they are needed.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
June 30, 2017

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

F. Fund Accounting

The accounts of the District are organized on the basis of funds, each of which is considered to be a separate accounting entity. The operations of each fund are accounted for with a separate set of self-balancing accounts that comprise its assets, liabilities, fund balance or net position, revenues, and expenditures. The District's resources are allocated to and accounted for in individual funds based upon the purpose for which they are to be spent and the means by which spending activities are controlled. The District's accounts are organized into one major fund as follows:

Major Governmental Funds:

The *General Fund* 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.

One fund currently defined as a capital projects fund does not meet the GASB Statement No. 54 Capital Projects Fund definition. The Capital Reserve Fund is not substantially composed of restricted or committed revenue sources. While the fund is authorized by statute and will remain open for internal reporting purposes, the fund functions effectively as extension of the General Fund, and accordingly has been combined with the General Fund for presentation in these audited financial statements.

G. Budgets and Budgetary Accounting

The District adopts an annual budget on or before August 30 of each fiscal year. From the effective date of the budget, the amounts stated as proposed expenditures become appropriations.

The Board of Trustees may amend the budget by motion during each fiscal year. The original and revised budgets are presented for the General Fund.

All appropriations lapse at the end of the fiscal year to the extent that they have not been expended. Lease contracts entered into by the District are subject to annual review by the Board of Trustees; hence, they legally are one year contracts with an option for renewal for another fiscal year.

H. Investments

Investments are stated at fair value.

I. Inventory and Prepaid Items

Inventory is recorded using the purchase method in that the cost is recorded as an expenditure at the time individual inventory items are purchased. Inventory is valued at the lower of cost (first-in, first-out) or market and consists of expendable supplies held for consumption. Reported inventories are equally offset by a fund balance reserve which indicates that these amounts are not "available for appropriation and expenditure" even though they are a component of net current assets.

The District has the option of reporting expenditures in governmental funds for prepaid items either when purchased or during the benefiting period. The District has chosen to report the expenditure during the period benefited.

J. Encumbrances

Encumbrances represent commitments related to unperformed contracts for goods or services. Encumbrance accounting, under which purchase orders, contracts, and other commitments for the expenditure of resources are recorded to reserve that portion of the applicable appropriation, is not utilized by the District.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

K. Capital Assets

Capital assets (including infrastructure) are recorded at cost where historical records are available and at an estimated original cost where no historical records exist. Contributed capital assets are valued at their estimated fair value at the date of the contribution. Capital assets are defined by the District as assets with an initial, individual cost of more than \$5,000 and estimated useful life in excess of two years.

Capital assets used in operations are depreciated over their estimated useful lives using the straight-line method in the governmental column in the government-wide financial statements. Depreciation is charged as an expense against operations and accumulated depreciation is reported on the statement of net position. The estimated useful lives are as follows:

Equipment	7 to 10 years
Structures	10 to 50 years

L. Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America, as prescribed by the GASB and the American Institute of Certified Public Accountants, requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures/expenses during the reporting period. Actual results could differ from those estimates.

M. Long-term Obligations

In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities in the statement of net position. In the fund financial statements, governmental fund types report the face amount of debt issued as other financing sources.

N. Compensated Absences

The District's policy permits employees to accumulate earned but unused vacation. Vested or accumulated vacation leave that is expected to be liquidated with expendable available financial resources is reported as an expenditure and fund liability of the governmental fund from which it will be paid. Amounts of vested or accumulated vacation leave that are not expected to be liquidated with expendable available financial resources are reported in the government-wide financial statements.

O. Fund Balances

Fund balance of the governmental fund is classified as follows:

Nonspendable Fund Balance – represents amounts that cannot be spent because they are either not in spendable form (such as inventory or prepaid insurance) or legally required to remain intact (such as notes receivable or principal of a permanent fund).

Restricted Fund Balance – represents amounts that are constrained by external parties, constitutional provisions or enabling legislation.

Committed Fund Balance – represents amounts that can only be used for a specific purpose because of a formal action by the District's governing board. Committed amounts cannot be used for any other purpose unless the governing board removes those constraints by taking the same type of formal action. Committed fund balance amounts may be used for other purposes with appropriate due process by the governing board. Commitments are typically done through adoption and amendment of the budget. Committed fund balance amounts differ from restricted balances in that the constraints on their use do not come from outside parties, constitutional provisions, or enabling legislation.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

O. Fund Balances (Continued)

Assigned Fund Balance – represents amounts which the District intends to use for a specific purpose, but that do not meet the criteria to be classified as restricted or committed. Intent may be stipulated by the governing board or by an official or body to which the governing board delegates the authority. Specific amounts that are not restricted or committed in a special revenue, capital projects, debt service, or permanent fund are assigned for purposes in accordance with the nature of their fund type or the fund’s primary purpose. Assignments within the general fund convey that the intended use of those amounts is for a specific purpose that is narrower than the general purpose of the District.

Unassigned Fund Balance – represents amounts which are unconstrained in that they may be spent for any purpose. Only the general fund reports a positive unassigned fund balance. Other governmental funds might report a negative balance in this classification because of overspending for specific purposes for which amounts had been restricted, committed or assigned.

When an expenditure is incurred for a purpose for which both restricted and unrestricted fund balance is available, the District considers restricted funds to have been spent first. When an expenditure is incurred for which committed, assigned, or unassigned fund balances are available, the District considers amounts to have been spent first out of committed funds, then assigned funds, and finally unassigned funds.

P. Deferred Outflows and Inflows of Resources

Pursuant to GASB Statement No. 63, “*Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position*,” and GASB Statement No. 65, “*Items Previously Reported as Assets and Liabilities*,” the District recognizes deferred outflows and inflows of resources.

In addition to assets, the Statement of Net Position will sometimes report a separate section for deferred outflows of resources. A deferred outflow of resources is defined as a consumption of net position by the government that is applicable to a future reporting period. The District has one item which qualifies for reporting in this category; refer to Note 8 for a detailed listing of the deferred outflows of resources the District has reported.

In addition to liabilities, the Statement of Net Position will sometimes report a separate section for deferred inflows of resources. A deferred inflow of resources is defined as an acquisition of net position by the District that is applicable to a future reporting period. The District has one item which qualify for reporting in this category; refer to Note 8 for a detailed listing of the deferred inflows of resources the District has reported.

Q. 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 Santa Barbara County Employees’ Retirement System (SBCERS) plans (Plans) and additions to/deductions from the Plans’ fiduciary net position have been determined on the same basis as they are reported by SBCERS. 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.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

R. Future Accounting Pronouncements

GASB Statements listed below will be implemented in future financial statements:

Statement No. 75	"Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions"	The provisions of this statement are effective for fiscal years beginning after June 15, 2017.
Statement No. 81	"Irrevocable Split-Interest Agreements"	The provisions of this statement are effective for fiscal years beginning after December 15, 2016.
Statement No. 82	"Pension Issues-an amendment of GASB Statements No. 67, No. 68, and No. 73"	The provisions of this statement are effective for fiscal years beginning after June 15, 2017.
Statement No. 83	"Certain Asset Retirement Obligations"	The provisions of this statement are effective for fiscal years beginning after June 15, 2018.
Statement No. 84	"Fiduciary Activities"	The provisions of this statement are effective for fiscal years beginning after December 15, 2018.
Statement No. 85	"Omnibus 2017"	The provisions of this statement are effective for fiscal years beginning after June 15, 2017.
Statement No. 86	"Certain Debt Extinguishment Issues"	The provisions of this statement are effective for fiscal years beginning after June 15, 2017.
Statement No. 87	"Leases"	The provisions of this statement are effective for fiscal years beginning after December 15, 2019.

NOTE 2 - CASH AND INVESTMENTS

The District maintains all of its cash in the Santa Barbara County Treasury. The County Treasurer pools and invests the District's cash with other funds under his control. Interest earned on pooled investments is apportioned quarterly into participating funds based upon each fund's average daily deposit balance. Any investment gains or losses are proportionately shared by all funds in the pool.

Investments are carried at fair value. On June 30, 2017, the District had the following cash and investments on hand:

Cash and investments on deposit with County Treasurer	\$ <u>1,427,385</u>
Total cash and investments	\$ <u>1,427,385</u>

Cash and investments are presented on the accompanying basic financial statements, as follows:

Cash and investments, statement of net position	\$ <u>1,427,385</u>
Total cash and investments	\$ <u>1,427,385</u>

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
 NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 2 - CASH AND INVESTMENTS (Continued)

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 the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. The District had investments in the Santa Barbara County Investment Pool, however, that external pool is not measured under Level 1, 2 or 3.

Investments Authorized by the District's Investment Policy

The District's investment policy only authorizes investment in the local government investment pool administered by the County of Santa Barbara. The District's investment policy does not contain any specific provisions intended to limit the District's exposure to interest rate risk, credit risk, and concentration of credit risk.

Disclosures Relating to 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. One of the ways that the District manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer term investments and by timing cash flows from maturities so that a portion of the portfolio is maturing or coming close to maturity evenly over time as necessary to provide the cash flow and liquidity needed for operations.

Information about the sensitivity of the fair values of the District's investments (including investments held by fiscal agents) to market interest rate fluctuations is provided by the following table that shows the distribution of the District's investments by maturity:

Investment Type	Carrying Amount	Remaining Maturity (in Months)			
		12 Months Or Less	13-24 Months	25-60 Months	More than 60 Months
Santa Barbara County Investment Pool	\$ 1,427,385	\$ 1,427,385	\$ -	\$ -	\$ -
Total	\$ 1,427,385	\$ 1,427,385	\$ -	\$ -	\$ -

Disclosures Relating to Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of rating by a nationally recognized statistical rating organization. Presented below, is the minimum rating required by (where applicable) the California Government Code, the District's investment policy, or debt agreements, and the actual rating as of fiscal year end for each investment type.

Investment Type	Carrying Amount	Minimum Legal Rating	Exempt From Disclosure	Rating as of Fiscal Year End		
				AAA	Aa	Not Rated
Santa Barbara County Investment Pool	\$1,427,385	N/A	\$ -	\$ -	\$ -	\$1,427,385
Total	\$1,427,385		\$ -	\$ -	\$ -	\$1,427,385

Concentration of Credit Risk

The investment policy of the District contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. There are no investments in any one issuer that represent 5% or more of total District investments.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
June 30, 2017

NOTE 2 - CASH AND INVESTMENTS (Continued)

Custodial Credit Risk

The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The California Government Code and the District's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for investments. With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to a local government's indirect investment in securities through the use of mutual funds or government investment pools (such as Santa Barbara County Investment Pool).

Investment in Santa Barbara County Investment Pool

The District is a participant in the Santa Barbara County Investment Pool that is regulated by the California Government Code. The fair value of the District's investment in this pool is reported in the accompanying basic financial statements at the amounts based upon the District's pro-rata share of the fair value provided by the Santa Barbara County Investment Pool for the entire Santa Barbara County Investment Pool portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by the Santa Barbara County Investment Pool, which are recorded on an amortized cost basis.

NOTE 3 - PROPERTY TAXES

Property taxes in the State of California are administered for all local agencies at the County level, and consist of secured, unsecured, and utility tax rolls. The following is a summary of major policies and practices relating to property taxes:

Property Valuations - are established by the Assessor of the County of Santa Barbara for the secured and unsecured property tax rolls; the utility property tax roll is valued by the State Board of Equalization. Under the provision of Article XIII A of the State Constitution (Proposition 13 adopted by the voters on June 6, 1978), properties are assessed at 100% of full value. From the base assessment, subsequent annual increases in valuation are limited to a maximum of 2%. However, increases to full value are allowed for property improvements or upon change in ownership. Personal property is excluded from these limitations, and is subject to annual reappraisal.

Tax Levies - are limited to 1% of full value which results in a tax rate of \$1.00 per \$100 assessed valuation, under the provisions of Proposition 13. Tax rates for voter-approved indebtedness are excluded from this limitation.

Tax Levy Dates - are attached annually on January 1, preceding the fiscal year for which the taxes are levied. The fiscal year begins July 1 and ends June 30 of the following year. Taxes are levied on both real and unsecured personal property as it exists at the time. Liens against real estate, as well as the tax on personal property, are not relieved by subsequent renewal or change in ownership.

Tax Collections - are the responsibility of the County Tax Collector. Taxes and assessments on secured and utility rolls which constitute a lien against the property, may be paid in two installments: the first is due on November 1 of the fiscal year and is delinquent if not paid by December 10; and the second is due on March 1 of the fiscal year and is delinquent if not paid by April 10. Unsecured personal property taxes do not constitute a lien against real property unless the taxes become delinquent. Payment must be made in one installment, which is delinquent if not paid by August 31 of the fiscal year. Significant penalties are imposed by the County for late payments.

Tax Levy Apportionments - Due to the nature of the District-wide maximum levy, it is not possible to identify general purpose tax rates for specific entities. Under State legislation adopted subsequent to the passage of Proposition 13, apportionments to local agencies are made by the County Auditor-Controller based primarily on the ratio that each agency represented of the total District-wide levy for the three years prior to fiscal year 1979.

Property Tax Administration Fees - The State of California FY 90-91 Budget Act, authorized Counties to collect an administrative fee for collection and distribution of property taxes.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 4 – CAPITAL ASSETS

Capital assets activity for the fiscal year ended June 30, 2017, was as follows:

	Balance July 1	Increases	Deletions	Balance June 30
Governmental activities				
Nondepreciable capital assets				
Land	\$ 175,000	\$ -	\$ -	\$ 175,000
Total nondepreciable capital assets	<u>\$ 175,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 175,000</u>
Depreciable capital assets:				
Buildings and improvements	\$ 230,978	\$ -	\$ -	\$ 230,978
Equipment	351,075	26,719	16,164	361,630
Total depreciable capital assets	582,053	26,719		592,608
Less accumulated depreciation	482,849	16,178	16,164	482,863
Net depreciable capital assets	<u>\$ 99,204</u>	<u>\$ 10,541</u>	<u>\$ -</u>	<u>\$ 109,745</u>
Net capital assets	<u>\$ 274,204</u>	<u>\$ 10,541</u>	<u>\$ -</u>	<u>\$ 284,745</u>

NOTE 5 – LONG-TERM DEBT

Changes in long-term liabilities

The following is a summary of long-term liability activity for the fiscal year ended June 30, 2017:

	Balance July 1	Additions	Reductions	Balance June 30	Due Within One Year
Governmental activities:					
Compensated absences	\$ 34,321	\$ 16,718	\$ 11,947	\$ 39,092	\$ -
Net Pension Liability	795,297	249,479	135,124	909,652	
Governmental activities					
Long-term liabilities	<u>\$ 829,618</u>	<u>\$ 266,197</u>	<u>\$ 147,071</u>	<u>\$ 948,744</u>	<u>\$ -</u>

NOTE 6 – PENSION PLAN

A. General Information about the Pension Plan

Plan Description

The District provides pension benefits to eligible employees through cost sharing multiple-employer defined benefit pension plans administered by the Santa Barbara County Employees' Retirement System (SBCERS). Members of the pension plans include all permanent employees working full time, or at least 50% part time for the County, and the following independent special districts: Carpinteria-Summerland Fire Protection District, Mosquito and Vector Management District of Santa Barbara County, Goleta Cemetery District, Santa Maria Cemetery District, Oak Hill Cemetery District, Carpinteria Cemetery District, Summerland Sanitary District, Santa Barbara County Air Pollution Control district, Santa Barbara County Association of Governments, and the Santa Barbara County Superior Court. SBCERS issues publicly available financial report that maybe obtained at <http://cosb.countyofsb.org/sbcers/default.aspx?id=19040>.

NOTE 6 – PENSION PLAN (Continued)

A. General Information about the Pension Plan (Continued)

Plan Description (Continued)

SBCERS was established on January 1, 1944, and is administered by the Board of Retirement to provide service retirement, disability, death, and survivor benefits for employees of the County and participating districts. The Santa Barbara County Board of Supervisors and the governing boards of the participating districts adopt resolutions, as permitted by the California State Government Code §31450 (County Employees' Retirement Law of 1937 (CERL)), which affect the benefits of the SBCERS members. SBCERS is governed by the California Constitution; CERL; and the bylaws, policies and procedures adopted by the SBCERS' Board of Retirement.

SBCERS administers six County pension plans. With the passage of the Public Employees Pension Reform Act ("PEPRA"), the County established a new pension plan, Plan 8, with two rate tiers – one for safety and one for general members. As of January 1, 2013, Plan 8 is the only pension plan available to new employees. PEPRA made several changes to the pension benefits that may be offered to employees hired on or after January 1, 2013, including increasing minimum retirement ages, increasing the percentage required for member contributions, and excluding certain types of compensation as pensionable. PEPRA has also created limits on pensionable compensation tied to the Social Security taxable wage base. The cumulative effect of these PEPRA changes will ultimately reduce the District's retirement costs.

Summary of Plans and Eligible Participants

Open for New Enrollment:

General Plan 8 General members hired on or after January 1, 2013 may continue in plan.

Closed to New Enrollment:

General Plan 5A General members hired before June 25, 2012 may continue in plan.

Benefits Provided

All pension plans provide benefits, in accordance with CERL regulations, upon retirement, disability or death of members. Retirement benefits are based on years of service, final average compensation, and retirement age. Employees terminated before accruing 5 years (or 10 years for Plan) of retirement service credit (5 or 10-year vesting) forfeit the right to receive retirement benefits unless they establish reciprocity with another public agency within the prescribed time period. Non-vested employees who terminate service are entitled to withdraw their accumulated contributions plus accrued interest. Employees who terminate service after earning 5 or 10 years of retirement service credit may leave their contributions on deposit and elect to take a deferred retirement. Differences between expected or actual experience for vested and non-vested benefits may result in an increase or decrease to pension expense and net pension liability.

Service related disability benefits are based upon final average compensation or retirement benefits (if eligible). Non-service related disability benefits are based on 1) years of service and final average compensation or 2) retirement benefits (if eligible). General Plan 2 participants receive disability benefits through a long-term insurance policy. Death benefits are based upon a variety of factors including whether the participant was retired or not.

Annual cost-of-living adjustments (COLAs) after retirement are provided in all plans except General Plan 2. COLAs are granted to eligible retirement members each April based upon the Bureau of Labor Statistics Average Consumer Price Index (CPI) for All Urban Consumers for the Los Angeles-Riverside-Orange County area as of the preceding January 1 and is subject to an annual maximum dependent upon the provisions of the pension plans.

Specific details for the retirement, disability or death benefit calculations and COLA maximums for each of the pension plans are available in the SBCERS' Comprehensive Annual Financial Report (CAFR). The SBCERS' CAFR is available online at <http://cosb.countyofsb.org/sbcers/default.aspx?id=19040>.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 6 – PENSION PLAN (Continued)

A. General Information about the Pension Plan (Continued)

Contributions

Per Article 16 of the Constitution of the State of California, contribution requirements of the active employees and the participating employers are established and may be amended by the SBCERS Board of Retirement. Depending upon the applicable plan, employees are required to contribute a certain percent of their annual pay. For each of the plans, the County’s contractually required contributions (formerly known as the actuarially required contribution (ARC)) rate for the year ended June 30, 2017, was a specified percent of annual payroll, actuarially determined as an amount that, when combined with employee contributions, is expected to finance the costs of benefits earned by employees during the year. Additional amounts required to finance any unfunded accrued liability are the responsibility of the plan sponsors. Contributions to the pension plan from the District were \$135,108 for the year ended June 30, 2016. Active members are plan members who are currently accruing benefits and/or playing contributions into the applicable plan.

Employer and employee contribution rates and active members for each plan are as follows:

	<u>Employer Contribution</u> <u>Rates</u>	<u>Employee Contribution</u> <u>Rates</u>	<u>Active Members</u>
General Plan 5A	30.89%	2.77-5.72%	7

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

At June 30, 2017, the District reported a liability of \$909,652 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2016 and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2014 rolled forward to June 30, 2016 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 plan relative to the projected contributions of all Pension Plan participants, actuarially determined. At June 30, 2016, the District’s proportion was 0.1082%, which was an decrease of 0.0011% from its proportion measured as of June 30, 2015.

For the year ended June 30, 2017, the District recognized pension expense of \$182,515. Pension expense represents the change in the net pension liability during the measurement period, adjusted for actual contributions and the deferred recognition of changes in investment gain/loss, actuarial gain/loss, actuarial assumptions or method, and plan benefits. At June 30, 2017, the District reported deferred outflows of resources and deferred inflows of resources related to pension from the following sources:

	<u>Deferred Outflows</u> <u>of Resources</u>	<u>Deferred Inflows of</u> <u>Resources</u>
Pension contributions subsequent to measurement date	\$ 134,658	\$ -
Differences between expected and actual experience		45,119
Change in assumptions		
Net difference between projected and actual earnings on retirement plan investments	173,106	
Adjustment due to differences in proportions	115,972	6,290
Difference in actual contributions and proportionate share of contributions	2,314	1,925
	<u>\$ 426,050</u>	<u>\$ 53,334</u>

Deferred outflows of resources and deferred inflows of resources above represent the unamortized portion of changes to net pension liability to be recognized in future periods in a systematic and rational manner.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 6 – PENSION PLAN (Continued)

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

\$134,658 reported as deferred outflows of resources related to pensions resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the fiscal year ended June 30, 2018.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in the pension expenses as follows:

Fiscal year Ending June 30,	Amount
2018	\$ 63,761
2019	63,761
2020	84,362
2021	26,174
	\$ 238,058

Actuarial Assumptions

The total pension liability in the June 30, 2016 actuarial valuation was determined using the following actuarial assumptions. Total pension liability represents the portion of the actuarial present value of projected benefit payments attributable to past periods of service for current and inactive employees.

Inflation	3.00%
Amortization growth rate	3.50%
Salary increases	3.50% plus merit component
COLA increases	2.75% for those with a 3.00% COLA cap; 2.00% for those with a 2.00% COLA cap
Investment rate of return	7.50% net of investment expense
Post-retirement Benefit Increases	Sex distinct RP-2000 Combined Mortality, projected with generational improvements using Scale BB

The actuarial assumptions used in the June 30, 2016 valuation were based on the results of an actuarial experience study for the period July 1, 2010 through June 30, 2013. Based upon the results of the 2013 actuarial experience study, there were no changes to the assumptions from the prior valuation.

The long-term expected rate of return of pension plan investments (7.5 percent) was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension 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 weighing 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:

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
 NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 6 – PENSION PLAN (Continued)

B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)
Actuarial Assumptions (Continued)

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-term Expected Real Rate of Return</u>
Domestic equity	23%	5.30%
Investment grade bonds	10%	1.10%
Emerging market non-U.S. equity	10%	8.00%
Developed market non-U.S. equity	9%	5.60%
Private equity	7%	6.90%
Tips	7%	0.80%
Private real estate	6%	3.40%
High yield bonds	4%	4.30%
Foreign bonds	4%	0.10%
Emerging market bonds	3%	3.60%
Natural resources (private)	3%	5.90%
Commodities	3%	1.60%
Bank loans	2%	3.20%
Infrastructure (private)	2%	4.20%
Infrastructure (public)	2%	5.30%
Natural resources (public)	2%	5.30%
Real Estate Investment Trusts	2%	4.10%
Frontier market equity	1%	7.00%
Cash	0%	-0.20%
Total	100%	

Discount Rate

The discount rate used to measure the total pension liability was 7.5 percent. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that contributions from the District will be made at contractually required rates, actuarially determined. Based on those assumptions, the pension fund's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. In theory, the discount rate may differ from the long-term expected rate of return discussed previously. However, based on the projected availability of the pension fund's fiduciary net position, the discount rate is equal to the long-term expected rate of return on pension plan investments, and was applied to all period of projected benefit payments to determine the total pension liability.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following represents the District's proportionate share of the net pension liability calculated using the discount rate of 7.5 percent, 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 (6.5 percent) or 1- percentage point higher (8.5 percent) than the current rate:

	<u>1% Decrease 6.50%</u>	<u>Discount Rate 7.50%</u>	<u>1% Increase 8.50%</u>
District's proportionate share of the net pension plan liability	\$ 1,420,165	\$ 909,652	\$ 491,265

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 6 – PENSION PLAN (Continued)

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

Pension Plan Fiduciary Net Position

Detailed information about pension plan's fiduciary net position is available in the separately issued SBCERS financial reports.

NOTE 7 – RISK MANAGEMENT

The District participates with thirty-five (35) mosquito abatement and vector control districts in California in a joint venture under a joint powers agreement which establishes the Vector Control Joint Powers Agency (VCJPA) under the provisions of California Government Code Section 6500 et. seq. The relationship between the District and VCJPA is such that VCJPA is not a component unit of the District for financial reporting purposes. The VCJPA is governed by a Board of Directors, which meets four times per year. The day-to-day business is handled by a management group employed by the VCJPA.

The District is covered for the first \$1,000,000 of each general liability claim, and \$350,000 of each workers' compensation claim through the VCJPA. The District has the right to receive dividends or the obligation to pay assessments based on a formula which, among other expenses, charges the District's account for liability losses under \$2,500, and workers' compensation losses under \$5,000. The VCJPA participates in an excess pool which provides general liability coverage from \$1,000,000 to \$15,000,000. The VCJPA participates in an excess pool which provides workers' compensation coverage from \$350,000 to \$100,000,000.

NOTE 8 – DEFERRED INFLOWS AND OUTFLOWS OF RESOURCES

At June 30, 2017, deferred inflows and outflows of resources, reported on the Statement of Net Position, consisted of the following:

Government-wide Deferred Inflows	
Pensions	\$ 53,334
Total Government-wide Deferred Inflows	
	<u>\$ 53,334</u>
Government-wide Deferred Outflows	
Pensions	\$ 426,050
Total Government-wide Deferred Outflows	
	<u>\$ 426,050</u>

NOTE 9 – NET POSITION

The government-wide financial statements utilize a net position presentation. GASB Statement No. 63 requires that the difference between assets added to the deferred outflows of resources and liabilities added to the deferred inflows of resources be reported as net position. Net position is categorized as either net investment in capital assets, restricted, and unrestricted.

Net investment in capital assets – This category groups all capital assets, including infrastructure, into one component of net position. Accumulated depreciation and the outstanding balances of debt that are attributable to the acquisition, construction, or improvement of these assets reduce the balance in this category.

Restricted Net Position – This category presents external restrictions imposed by creditors, grantors, contributors, or laws or regulations of other governments and restrictions imposed by law through constitutional provisions or enabling legislation.

Unrestricted Net Position – This category represents net position of the District, not restricted for any project or other purpose.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
 June 30, 2017

NOTE 10 – POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS

Plan Description

The District provides post-retirement health benefits to all retirees with ten years of service who retire from the District, and must have reached the minimum age of 50. Benefits continue for the lifetime of the retiree with survivor benefits extended to surviving spouses.

Funding Policy

The District is required to contribute the annual required contribution (ARC) of the employer, an amount actuarially determined in accordance with the parameters of the GASB Statement No. 45. The District used the actuarial cost method as allowed under GASB Statement No. 45. The ARC represents a level of funding that if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years.

Annual OPEB Cost and Net OPEB Obligation/(Asset)

The following table shows the components of the District’s Annual OPEB cost for the fiscal year ended June 30, 2017, the amount actually contributed to the plan (including administrative costs), and changes in the District’s Net OPEB Obligation/(Asset):

	Fiscal Year Ended June 30, 2017
Annual Required Contributions	\$ 36,263
Interest on Net OPEB Obligation/(Asset)	(10,591)
Annual OPEB costs (expense)	25,672
Contributions made	36,000
Increase in Net OPEB Obligation/(Asset)	(10,328)
Net OPEB Obligation/(Asset) - beginning of fiscal year	(26,382)
Net OPEB Obligation/(Asset) - end of fiscal year	<u>\$ (36,710)</u>

The District’s Annual OPEB Cost, the percentage of Annual OPEB Cost contributed to the plan, and the Net OPEB Obligation/(Asset) are as follows:

Fiscal Year Ended	Annual OPEB Cost	Actual Contribution	Percentage of OPEB Cost Contributed	Net OPEB Obligation/(Asset)
June 30, 2015	\$ 46,630	\$ 30,000	64%	\$ (34,997)
June 30, 2016	\$ 38,615	\$ 30,000	78%	\$ (26,382)
June 30, 2017	\$ 25,672	\$ 36,000	140%	\$ (36,710)

Funded Status and Funding Progress

The funded status of the plan was as follows:

Valuation Date	Value of Assets	Accrued Liability	Unfunded AAL (UAAL)	Funded Ratio	Covered Payroll	UAAL as a Percentage of Covered Payroll
July 1, 2009	\$ -	\$ 41,844	\$ 41,844	0.00%	\$ 364,350	11.48%
June 30, 2013	\$ 16,103	\$ 236,585	\$ 220,482	6.81%	\$ 401,882	54.86%
July 1, 2015	\$ 207,343	\$ 323,525	\$ 116,182	64.09%	\$ 416,322	27.91%

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
NOTES TO BASIC FINANCIAL STATEMENTS
June 30, 2017

NOTE 10 – POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS (Continued)

Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The methods and assumptions used include techniques that are designed to reduce short-term volatility in accrued liabilities and the value of assets, consistent with the long-term perspective of the calculations.

In the June 30, 2015, valuation, the level percentage of payroll method was used. The assumptions included a 7 percent investment rate of return (net of administrative expenses) and an annual healthcare cost trend rate of 4 percent, with an ultimate trend rate of 4 percent in 2015. The plan's unfunded accrued liability is being amortized over a 30-year amortization period.

The District did pre-fund retiree healthcare costs and the District did establish an irrevocable trust for retiree healthcare costs with CERBT. The balance of the trust at June 30, 2017 was \$282,108.

REQUIRED SUPPLEMENTARY INFORMATION SECTION

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
SCHEDULE OF PROPORTIONATE SHARE OF NET PENSION LIABILITY

Last 10 Years*

As of June 30, 2017

The following table provides required supplementary information regarding the District's Pension Plan.

	<u>2017</u>	<u>2016</u>	<u>2015</u>
Proportion of the net pension liability	0.1082%	0.1093%	0.0910%
Proportionate share of the net pension liability	\$ 909,652	\$ 795,297	\$ 555,408
Covered- employee payroll	\$ 415,307	\$ 407,777	\$ 329,677
Proportionate share of the net pension liability as percentage of covered-employee payroll	219.0%	195.0%	168.5%
Plan's total pension liability	\$ 3,395,252,229	\$ 3,260,156,781	\$ 3,123,968,401
Plan's fiduciary net position	\$ 2,554,838,523	\$ 2,532,528,974	\$ 2,513,629,759
Plan fiduciary net position as a percentage of the total pension liability	75.25%	77.68%	80.46%

Notes to Schedule:

Changes in assumptions

In 2017, there were no changes in benefits or assumptions.

*- Fiscal year 2015 was the 1st year of implementation, therefore only three years are shown.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
SCHEDULE OF PENSION CONTRIBUTIONS

Last 10 Years*

As of June 30, 2016

The following table provides required supplementary information regarding the District's Pension Plan.

	<u>2017</u>	<u>2016</u>	<u>2015</u>
Contractually required contribution (actuarially determined)	\$ 134,658	\$ 135,108	\$ 108,497
Contribution in relation to the actuarially determined contributions	<u>134,658</u>	<u>135,108</u>	<u>108,497</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered- employee payroll	\$ 435,927	\$ 415,307	\$ 407,777
Contributions as a percentage of covered-employee payroll	30.9%	32.5%	26.6%

Notes to Schedule

Valuation Date: 6/30/2014

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry Age
Asset valuation method	5-year smoothed market, limited to within 20% of the market value.
Amortization method	The unfunded actuarial accrued liability is amortized over an open 17 year period as a level percentage of payroll
Discount rate	7.50%
Amortization growth rate	3.50%
Price Inflation	3.00%
Salary increases	3.5% plus merit component based on employee classification and years of service
Mortality	Sex distinct RP-2000 Combined Mortality projected to 2010 using Scale AA with a 2 year setback for males and a 4 year setback for females

*- Fiscal year 2015 was the 1st year of implementation, therefore only three years are shown.

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
SCHEDULE OF FUNDING PROGRESS FOR POSTEMPLOYMENT BENEFITS
OTHER THAN PENSIONS
For the Fiscal Year Ended June 30, 2017

The following table provides required supplementary information regarding the District's postemployment benefits.

SCHEDULE OF FUNDING PROGRESS

<u>Valuation Date</u>	<u>Actuarial Asset Value</u>	<u>Actuarial Accrued Liability (AAL)</u>	<u>Unfunded Liability (Excess Assets)</u>	<u>Funded Ratio</u>	<u>Annual Covered Payroll</u>	<u>UAAL as a % of Covered Payroll</u>
7/1/2009	\$ -	\$ 41,844	\$ 41,844	0.00%	\$ 364,350	11.48%
6/30/2013	\$ 16,103	\$ 236,585	\$ 220,482	6.81%	\$ 401,882	54.86%
7/1/2015	\$ 207,343	\$ 323,525	\$ 116,182	64.09%	\$ 416,322	27.91%

MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY
BUDGETARY COMPARISON SCHEDULE
GENERAL FUND
For the Fiscal Year Ended June 30, 2017

	Budgeted Amounts		Actual	Variance with Final Budget Positive (Negative)
	Original	Final		
Revenues:				
Taxes	\$ 357,600	\$ 357,600	\$ 425,880	\$ 68,280
Special assessments	559,383	559,383	561,191	1,808
Revenue from contract services	105,000	105,000	96,416	(8,584)
Intergovernmental revenue	10,350	10,350	14,486	4,136
Interest	1,600	(2,059)	5,175	7,234
Other revenues			57	57
Total revenues	1,033,933	1,030,274	1,103,205	72,931
Expenditures:				
Salaries and benefits	755,080	755,080	755,220	(140)
Uniforms	5,000	5,000	5,992	(992)
Communications	4,500	4,500	4,623	(123)
Household expense	3,000	3,000	2,505	495
Insurance	37,000	37,000	36,674	326
Maintenance and repairs	16,900	16,900	8,860	8,040
Operating supplies	8,000	8,000	7,002	998
Lab supplies	5,000	5,000	3,373	1,627
Memberships	14,000	14,000	12,583	1,417
Office and miscellaneous expenses	8,000	8,000	12,303	(4,303)
Professional fees	69,375	69,375	65,054	4,321
Chemicals	75,000	75,000	86,318	(11,318)
Training	4,000	4,000	3,502	498
Transportation and travel	7,000	7,000	3,500	3,500
Fuel	10,000	10,000	7,464	2,536
Utilities	4,500	4,500	4,270	230
Capital outlay	49,000	49,000	28,123	20,877
Total expenditures	1,075,355	1,075,355	1,047,366	27,989
Excess of revenues over (under) expenditures	(41,422)	(45,081)	55,839	100,920
Fund balance, July 1	1,448,424	1,448,424	1,448,424	
Fund balance, June 30	<u>\$ 1,407,002</u>	<u>\$ 1,403,343</u>	<u>\$ 1,504,263</u>	<u>\$ 100,920</u>