

CARPINTERIA VALLEY WATER DISTRICT
COMPREHENSIVE ANNUAL FINANCIAL REPORT

for the Fiscal Years Ended

June 30, 2017 and 2016



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Carpinteria Valley Water District
Carpinteria, California

Comprehensive Annual Financial Report

for the Fiscal Years Ended
June 30, 2017 and 2016

Prepared by the Business Department of Carpinteria Valley Water District

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**Carpinteria Valley Water District
Comprehensive Annual Financial Report
for the Fiscal Years Ended June 30, 2017 and 2016**

TABLE OF CONTENTS

	<u>Page</u>
Table of Contents	i-ii
INTRODUCTORY SECTION	
Letter of Transmittal	1-6
GFOA Certificate of Achievement	7
Organizational Chart	8
Board of Directors	9
FINANCIAL SECTION	
Independent Auditor’s Report	10-11
Management’s Discussion and Analysis	12-20
Basic Financial Statements:	
Statement of Net Position	21-22
Statement of Revenues, Expenses, and Changes in Net Position	23
Statement of Cash Flows	24-25
Notes to Financial Statements	26-52
Required Supplementary Information (RSI):	
California Public Employees’ Retirement System – Schedule of Carpinteria Valley Water District’s Proportionate Share of the Net Pension Liability	53
California Public Employees’ Retirement System – Schedule of Carpinteria Valley Water District’s Contributions	54
Other Post-Employment Benefits (OPEB) Plan – Schedule of Funding Progress	55

**Carpinteria Valley Water District
Comprehensive Annual Financial Report
for the Fiscal Year Ended June 30, 2017 and 2016**

TABLE OF CONTENTS (continued)

	<u>Page</u>
STATISTICAL SECTION	
Statistical Section – Table of Contents	56
Changes in Net Position by Component – Last Ten Fiscal Years	57-58
Operating Revenues by Source – Last Ten Fiscal Years	59
Operating Expenses by Activity – Last Ten Fiscal Years	60
Operating Revenues and Expenses as Percent of Total – Last Ten Fiscal Years	61
Revenue Base – Last Ten Fiscal Years	62
Revenue Rates – Last Ten Fiscal Years	63
Accounts by Type – Last Ten Fiscal Years	64
Ratios of Outstanding Debt – Last Ten Fiscal Years	65
Debt Coverage – Last Ten Fiscal Years	66
Demographics and Economics Statistics – Last Ten Fiscal Years	67
Operating and Capacity Indicators – Last Ten Fiscal Years	68

INTRODUCTORY SECTION

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Carpinteria Valley Water District

1301 Santa Ynez Avenue • Carpinteria, CA 93013
Phone (805) 684-2816

BOARD OF DIRECTORS

Polly Holcombe
President
Matthew Roberts
Vice President
Shirley L. Johnson
Alonzo Orozco
Case Van Wingerden

GENERAL MANAGER

Robert McDonald, P.E. MPA

January 25, 2018

Board of Directors

Carpinteria Valley Water District

Introduction

It is our pleasure to submit this Comprehensive Annual Financial Report (CAFR) for the Carpinteria Valley Water District (District) for the fiscal years ended June 30, 2017 and 2016, following guidelines set forth by the Governmental Accounting Standards Board. District staff prepared this financial report. Management assumes full responsibility for the completeness and reliability of the information contained in this report, based upon a comprehensive internal control framework it established for this purpose. Because the cost of internal controls should not exceed anticipated benefits, the objective is to provide reasonable, rather than absolute, assurance that the financial statements are free of any material misstatements.

This report contains the results of the financial statement audit for fiscal years 2017 and 2016, beginning on page 10. The auditor's opinion was unqualified. Some information you might expect to find in an introduction is presented in Management's Discussion and Analysis (MD&A) contained in the audited financial statements. This introduction and the MD&A are complementary reports which together are intended to provide a comprehensive view of the District's finances and operations.

District Structure and Leadership

The Carpinteria Valley Water District is a special district of the State of California (State) in the southern coastal portion of Santa Barbara County and includes the City of Carpinteria. The District, which covers approximately 11,300 acres, is bound on the south by the Pacific Ocean and on the north by the foothills of the Santa Ynez mountains. The District provides domestic water service through a total of 4,503 service connections to a population of about 15,500 inhabitants,

approximately 3,437 acres of orchards (typically citrus and avocado), and various nurseries and greenhouses.

The District is a single purpose enterprise supported solely by the revenue obtained from the customers it serves. It is governed by a five-member Board of Directors. Directors are elected by registered voters of the District to four-year terms with elections held in even numbered years. The Board establishes policy, sets water rates and charges, establishes an annual budget, approves contracts and labor agreements, and has the authority to adopt ordinances that have the force of law within the District.

Day-to-day management of the District is performed by a General Manager hired by the Board. The General Manager hires and manages a total of 19 employees who perform the administrative, business, engineering, and operations and maintenance functions of the District. As a public health and safety water utility the District provides 24/7 emergency service.

The Carpinteria County Water District was incorporated in 1941 as an area-wide organization to recharge valley wells after several dry years led to alarming drops in the water table. In 1949, voters elected to participate in the Cachuma Project to bring water from Lake Cachuma behind Bradbury Dam on the Santa Ynez River to the Carpinteria Valley. The Cachuma project was completed in 1953 and Carpinteria County Water District began receiving deliveries in 1954. In 1991, faced with a deep local drought, voters in the District elected to participate in the State Water Project and to pay for a share of the construction costs for facilities that would allow the importation of water from northern California via the State Water Project System into Lake Cachuma. In 1996, the District changed its name from Carpinteria County Water District to Carpinteria Valley Water District to clarify its governing authority under Section 30000 of the Water Code. And in 1997, the District adopted an AB3030 Groundwater Management Plan establishing its authority as the groundwater management agency for the Carpinteria Groundwater Basin. Today the District relies primarily on water from Lake Cachuma and its local well water, and utilizes State Water as a back-up supply.

Local economy

Carpinteria Valley Water District provides water service to the City of Carpinteria and to unincorporated portions of the County of Santa Barbara. Carpinteria Valley has a diverse economy, including orchard agriculture and nurseries, a strong and growing tech and software services sector, and thriving tourism. In 2017, the Valley enjoyed lower unemployment rates and higher median wages than the rest of Santa Barbara County and much of the State. Very little development of new housing and commercial space has occurred in the Valley in recent years, leading to very low vacancy rates and higher rents. Despite increased employment in the Carpinteria area, job growth is expected to slow.

Long-term financial planning

The District has adopted a policy to hold funds in reserve to cover six months of operating expenditures, to fund capital projects, to mitigate volatility in revenues and to provide for emergency expenditures. The District's Reserves Policy will be updated in 2018 to address changes in risk factors and ensure the District has sufficient reserves to meet objectives and maintain or improve certain credit ratings. The District is looking into opportunities to stabilize fluctuating water supply expenses related to drought. One method being analyzed is a water supply cost stabilization fund. The District has maintained a credit rating of AA- from Standard and Poors since 2008.

Major Initiatives

In 1999 the District adopted a Strategic and Capital Improvement Plan to address State and Federal drinking water standards and to ensure and enhance the reliability of the water system. The resulting Capital Improvement Plan included four large projects to address water quality and water reliability needs: the Carpinteria Reservoir Cover, the Ortega Reservoir Cover, the Headquarters Well and Filtration Plant and the Foothill Reservoir.

- (1) Carpinteria Reservoir Cover:** The Carpinteria Reservoir, located at elevation 360 feet above sea level in the eastern Carpinteria foothills, is a 14 million gallon concrete reservoir owned and built by the United States Bureau of Reclamation (USBR) as part of the Cachuma Project in the early 1950s. The District paid for the alteration of the Reservoir and installation of a protective aluminum roof cover to prevent contamination of treated drinking water and reduce the amount of disinfectant needed to maintain water quality. Completed in 2004, this project cost approximately \$6,400,000. This project was funded with a low interest State Revolving Fund (SRF) loan from the California State Board of Water Resources Control, Division of Drinking Water (DDW).

- (2) Ortega Reservoir Cover:** The Ortega Reservoir, located at elevation 454 feet above sea level in the hills behind Summerland, is a 20 million gallon concrete reservoir owned and built by the United States Bureau of Reclamation (USBR). Water stored in Ortega Reservoir is utilized by both the Carpinteria Valley Water District and the Montecito Water District. The protective aluminum roof cover provides the same benefits as the Carpinteria Reservoir protective roof. Completed in 2006, the District's 50% share of the project's cost was approximately \$10,700,000. This project was funded primarily with a low interest SRF loan from the DDW.

(3) Headquarters Well Facility: The Headquarters Well facility, which includes a well, an iron and manganese treatment plant, a building and electrical gear, was completed in 2004 and is capable of producing up to 2 million gallons of water per day. Water produced from this facility is typically stored in the Foothill reservoir for use in the Central Pressure Zone and can supply the majority of the District's customers within the City of Carpinteria. Additionally, this water can be blended with incoming Cachuma water using Foothill Reservoir booster pumps. Blending Cachuma surface water and District groundwater reduces the concentration of dissolved organic material that reacts with chlorine, and reduces potentially harmful disinfection by-products. This project cost approximately \$2,100,000 and was funded with a low interest loan from DDW and a \$125,000 grant from the California Department of Water Resources Local Groundwater Assistance program.

(4) Foothill Reservoir: The three million gallon Foothill Reservoir (an underground storage tank) was built in 2006 to increase the storage capacity within the District, to store groundwater from Headquarters well for blending and to reduce the District's reliance on imported surface water supplies. The Reservoir is situated at elevation 260 feet above sea level located within the foothills of Carpinteria. Its location permits gravity flow distribution of well and blended water to most all of the City of Carpinteria. As such, the Foothill Reservoir in conjunction with the use of local groundwater provides a substantial measure of independence from the Lake Cachuma South Coast Conduit (SCC) system, should it ever suffer a catastrophic failure. This project cost approximately \$11,700,000. District project costs were funded by proceeds from the January 2000 sale of Certificates of Participation (COPs).

Since the completion of the Capital Improvement Plan in 2007, three major additional capital projects have been constructed to increase the District's production capacity and further improve drinking water quality: the combined El Carro Well Replacement and Central Zone Pipeline Improvements projects, funded in large part by \$2 million of Proposition 50 grant funds, and the William B. Cater Water Treatment Plant Ozone and Pumping Upgrade project.

(1) El Carro Well Replacement: The El Carro Well, completed in 2010, is capable of producing up to 1.5 million gallons of water per day. Water produced from this well is also stored in the Foothill Reservoir producing the same water quality benefits highlighted in the discussion about Headquarters well. This well, as the second highest producer, also gives the District greater reliability in its groundwater production capability. This project cost approximately \$2,500,000. \$1,000,000 of this project was paid for by Proposition 50 grant funds.

(2) Central Zone Pipeline Improvements: The Central Zone Pipeline project was completed in 2012. The project consisted of a mile and a half of 12-inch diameter transmission main to convey water produced from El Carro Well to the Foothill Reservoir. The project also

allows more flexibility for groundwater delivered to the District's Central Pressure Zone. This project cost approximately \$1,900,000. \$1,000,000 of this project was paid for by Proposition 50 grant funds.

- (3) William B. Cater Water Treatment Plant Ozone and Pumping Upgrades:** District water from the State Water Project and Lake Cachuma is treated at the City of Santa Barbara's Cater Water Treatment Plant. In order to reduce the concentration of dissolved organic matter and resulting disinfection byproducts, the City constructed an ozone pretreatment facility. This facility oxidizes organic matter in the raw surface water, augmenting the conventional treatment process to remove more organic matter from the water. Completed in 2013, the project also involved upgrading a pumping station that sends water from Cater to the Montecito and Carpinteria Water Districts. The District's share of the project's cost was approximately \$4,400,000. This project was funded by a low interest loan from the City of Santa Barbara.

Current capital expenditures continue to focus on capital assets related to water transmission and distribution, water production, water supply and water quality. As a result of drought-related reductions in State Water and Lake Cachuma allotments, the District has several projects in progress and planned that maintain and upgrade the capacity of existing wells. Transmission and distribution projects include replacing aging valves and pipelines, upgrading bridge pipelines and replacement and upgrades of pump station motors and generators. Development of additional water supplies is also a focus of the District. The District has developed a recycled water plan to investigate the feasibility of a local recycled water project that would provide up to 1,100 acre feet of water per year. The water produced from this project would be injected in to the groundwater basin for later use. Finally, the District is focusing on understanding better its water use and water loss to improve efficiency in operations. One project that will be instrumental is an advanced meter infrastructure which will allow the District to analyze water use at each meter in near real time, helping to eliminate leaks that go undetected for extended periods of time.

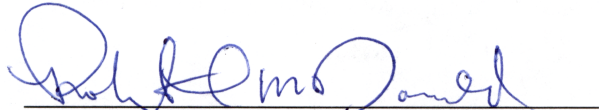
Due to the extended California-wide drought dramatically reducing both State and Cachuma water supplies, the District declared a Stage One Drought Emergency in February 2014, calling for voluntary 20 percent reduction in water usage to help ensure adequate water supplies. Due to continued drought conditions, in May 2015 the Board declared a Stage Two Drought Emergency calling for a 25 percent District wide reduction in overall water use. In June 2014, the Board held rate hearings to add a drought surcharge to water billing rates to offset drought-related expenditures. It is expected that this drought surcharge will be rescinded once the drought ends. In 2017 the District finalized a cost of service and water rates structure study and adjusted its water

rates structure based on study results. The changes did not substantially change the manner in which drought related expenditures are funded.

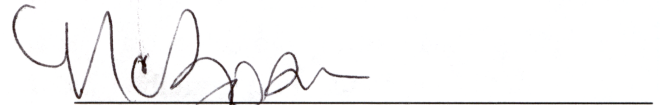
Awards and Acknowledgements

The preparation of this report would not have been possible without the skill, effort, and dedication of the entire staff of the Business Office. We wish to thank all District departments for their assistance in providing the data necessary to prepare this report. Credit also is due to the Board for their unfailing support for maintaining the highest standards of professionalism in their oversight of the District's finances.

Respectfully submitted,



Robert Mc Donald
General Manager



Norma Rosales
Assistant General Manager



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

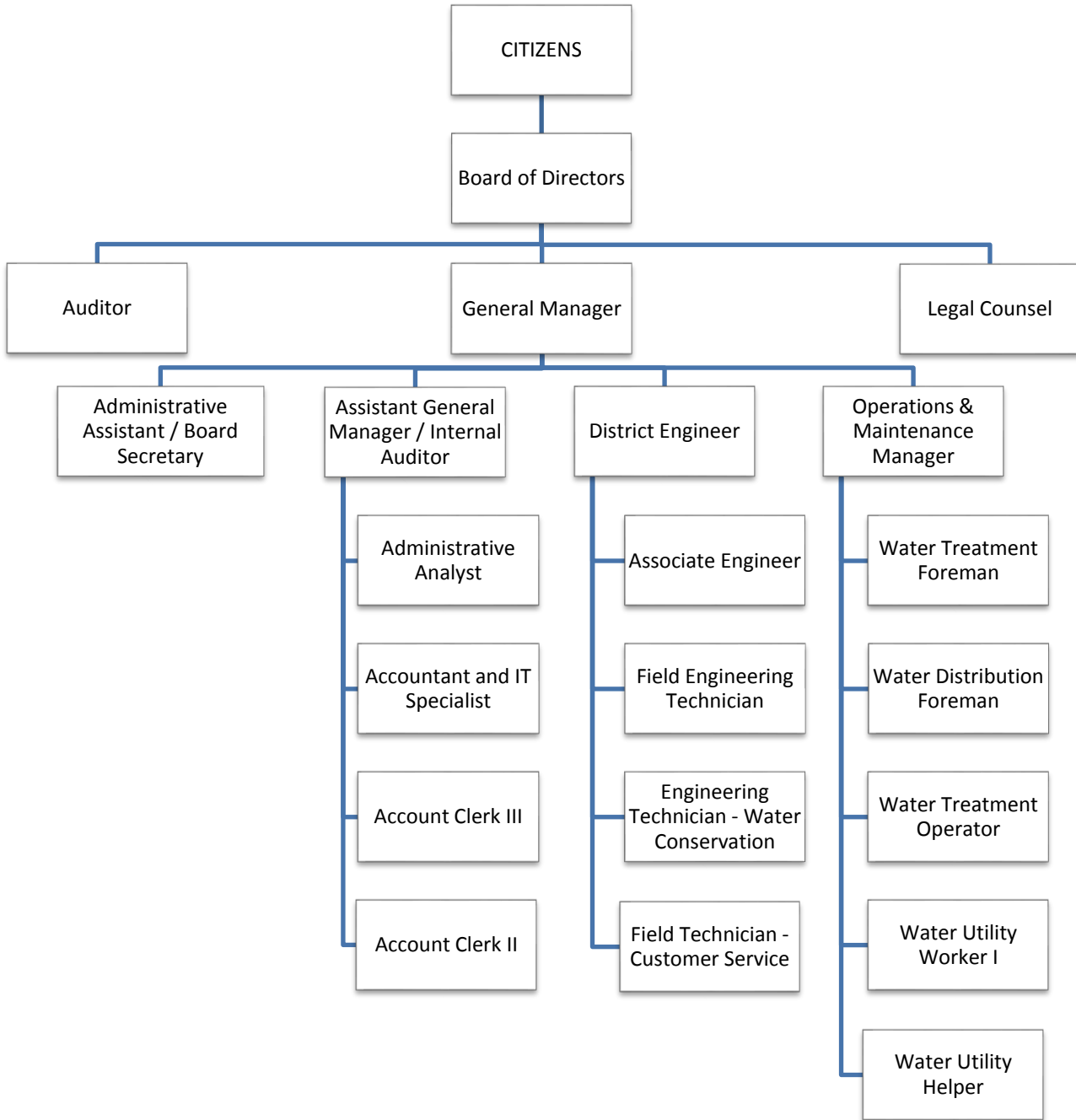
**Carpinteria Valley Water District
California**

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

June 30, 2016

Executive Director/CEO

**Carpinteria Valley Water District
Organizational Chart as of June 30, 2017**



**Carpinteria Valley Water District
Board of Directors as of June 30, 2017**

Board Member	Title	Date of Original Election or Appointment	Current Term
Polly Holcombe	President	Elected 2012	2016 - 2020
Matthew Roberts	Vice President	Elected 1995	2014 - 2018
Alonzo Orozco	Director	Elected 2010	2014 - 2018
Shirley Johnson	Director	Appointed 2016	2016 - 2018
Case Van Wingerden	Director	Elected 2016	2016 - 2020

FINANCIAL SECTION



INDEPENDENT AUDITOR'S REPORT

**To the Board of Directors
Carpinteria Valley Water District:**

Report on the Financial Statements

We have audited the accompanying basic financial statements of the Carpinteria Valley Water District (the "District") as of and for the years ended June 30, 2017 and 2016, and the related notes to the financial statements, which collectively comprise the Carpinteria Valley Water 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, as well as the accounting systems prescribed by the State Controller's Office and state regulations governing special districts; 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the State Controller's *Minimum Audit Requirements for California Special Districts*. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

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

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of Carpinteria Valley Water District as of June 30, 2017 and 2016, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America, as well as accounting systems prescribed by the State Controller's Office and state regulations governing special districts.

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 11, the California Public Employees' Retirement System Schedule of Carpinteria Valley Water District's Proportionate Share of the Net Pension Liability on page 45, the California Public Employees' Retirement System Schedule of Carpinteria Valley Water District's Contributions on page 46, and the Other Post-Employment Benefits (OPEB) Plan Schedule of Funding Progress on page 47, 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.

Bartlett, Pringle + Wolf, LLP
Santa Barbara, California
December 6, 2017

CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS

Management's discussion and analysis of the District's financial performance provides an overview of the District's financial activities for the years ended June 30, 2017 and 2016. Please read it in conjunction with the District's financial statements, which follow this section.

FINANCIAL STATEMENTS

This discussion and analysis provides an introduction and a brief description of the District's financial statements, including the relationship of the statements to each other and the significant differences in the information they provide. The District's financial statements include four components:

- Statement of Net Position
- Statement of Revenues, Expenses and Changes in Net Position
- Statement of Cash Flows
- Notes to the Financial Statements

The statement of net position includes all the District's assets and deferred outflows, and liabilities and deferred inflows, with the difference between the two reported as net position. Net position may be displayed in the categories:

- Net Investment in Capital Assets
- Restricted
- Unrestricted

The statement of net position provides the basis for computing rate of return, evaluating the capital structure of the District and assessing the liquidity and financial flexibility of the District.

The statement of revenues, expenses and changes in net position presents information which shows how the District's net position changed during the year. All of the current year's revenues and expenses are recorded when the underlying transaction occurs, regardless of the timing of the related cash flows. The statement of revenues, expenses and changes in net position measures the success of the District's operations over the past year and determines whether the District has recovered its costs through user fees and other charges.

The statement of cash flows provides information regarding the District's cash receipts and cash disbursements during the year. This statement reports cash activity in four categories:

- Operations
- Noncapital financing
- Capital and related financing
- Investing

This statement differs from the statement of revenues, expenses and changes in net position because the statement accounts only for transactions that result in cash receipts or cash disbursements.

The notes to the financial statements provide a description of the accounting policies used to prepare the financial statements and present material disclosures required by generally accepted accounting principles that are not otherwise present in the financial statements.

CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS

FINANCIAL HIGHLIGHTS

- For the year ending June 30, 2017, the assets of the District exceeded its liabilities by \$29,795,485. Of this amount, referred to as net position, 43.31% or \$12,905,312 is unrestricted and may be used for the District's operating expenses, ongoing obligations and future capital projects. The remaining net position is invested in capital assets, \$15,661,654 or 52.56%, or reserved for debt service payments and reserves, \$1,228,519 or 4.12%.
- At the end of fiscal year 2017, the District's net position increased by \$1,436,008 or 5.06% from the prior year.
- During the year ended June 30, 2017, the District adopted two new statements of financial accounting standards issued by the Governmental Accounting Standards Board (GASB): Statement No. 79 (GASB 79), Certain External Investment Pools and Pool Participants, and Statement No. 82 (GASB 82), Pension Issues – an amendment of GASB Statements No. 67, No. 68, and No. 73. Refer to Note 2 for a discussion of cash and investments and Note 6 for a discussion of the District's defined benefit pension plan. A detailed discussion of the implementation of new accounting pronouncements appears in Note 1 item P.

FINANCIAL POSITION

The District's overall financial position continues to be strong and provides sufficient liquidity to support stable, ongoing operations. There are no restrictions, commitments or other limitations that would significantly affect the availability of fund resources for future use. Capital assets have continued to increase as new connections and investments continue to be made to upgrade and replace necessary infrastructure and facilities.

**CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

TOTAL NET POSITION

	<u>June 30, 2017</u>	<u>June 30, 2016</u>	<u>June 30, 2015</u>	<u>% Change FYE 2017 and 2016</u>	<u>% Change FYE 2016 and 2015</u>
Current and other assets	\$ 19,761,043	\$ 18,370,817	\$ 20,427,712		
Capital assets, net of depreciation	40,990,917	42,337,765	42,861,969	-3.18%	-1.22%
Total Assets	<u>60,751,960</u>	<u>60,708,582</u>	<u>63,289,681</u>	0.07%	-4.08%
Deferred outflows of resources	1,470,739	893,439	787,918	64.62%	13.39%
Current liabilities	2,701,299	2,875,055	2,409,042	-6.04%	19.34%
Long term liabilities	3,837,966	3,290,270	3,294,900	16.65%	-0.14%
Long term debt	25,722,815	26,794,814	30,195,043	-4.00%	-11.26%
Total Liabilities	<u>32,262,080</u>	<u>32,960,139</u>	<u>35,898,985</u>	-2.12%	-8.19%
Deferred inflows of resources	165,134	282,405	523,627	-41.53%	-46.07%
Net investment in capital assets	15,661,654	15,976,746	13,423,794	-1.97%	19.02%
Restricted net position	1,228,519	466,938	3,017,358	163.10%	-84.52%
Unrestricted	12,905,312	11,915,793	11,213,835	8.30%	6.26%
Total Net Position	<u>\$ 29,795,485</u>	<u>\$ 28,359,477</u>	<u>\$ 27,654,987</u>	5.06%	2.55%

Analysis of changes in Total Net Position from June 30, 2016 to June 30, 2017:

For the twelve months ended June 30, 2017, the District's total net position increased by \$1,436,008 or 5.06% from the prior year. The amount of net position invested in capital assets, net of related debt, decreased by \$(315,092) or (1.97)% primarily as a result of current year depreciation expense exceeding capital asset additions, such as additions to the transmission, distribution and metered services infrastructure (Note 4). Restricted net position increased \$761,581 or 163.10% primarily due to the timing of bond payments and contractual increases in bond reserve funds (Note 5). Unrestricted net position, the amount which may be used to meet the District's ongoing obligations, including future capital investments, increased by \$989,519 or 8.30%.

Analysis of changes in Total Net Position from June 30, 2015 to June 30, 2016:

For the twelve months ended June 30, 2016, the District's total net position increased by \$704,489 or 2.55% from the prior year. The amount of net position invested in capital assets, net of related debt, increased by \$2,552,952 (or 19.02%) primarily as a result of capital asset additions, such as additions to the transmission, distribution and metered services infrastructure, exceeding current year depreciation expense, as well as a decrease in capital-related debt arising from a current year bond refunding (Note 5). Restricted net position decreased \$(2,550,420) or (84.52)% primarily due to decreased bond reserve funds arising from a current year bond refunding (Note 5). Unrestricted net position, the amount which may be used to meet the District's ongoing obligations, including future capital investments, increased by \$701,958 or 6.26%.

**CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

	<u>June 30, 2017</u>	<u>June 30, 2016</u>	<u>June 30, 2015</u>	<u>% Change FYE 2017 and 2016</u>	<u>% Change FYE 2016 and 2015</u>
Operating revenues	\$ 12,651,107	\$ 12,418,906	\$ 11,208,421	1.87%	10.80%
Operating expenses	<u>10,823,002</u>	<u>11,713,422</u>	<u>10,566,506</u>	-7.60%	10.85%
Operating income	<u>1,828,105</u>	<u>705,484</u>	<u>641,915</u>	159.13%	9.90%
Settlement proceeds	-	-	1,061,958	0.00%	-100.00%
Grant revenue	-	561,073	-	-100.00%	100.00%
Interest and investment income	75,150	40,132	24,178	87.26%	65.99%
Interest expense	<u>(523,377)</u>	<u>(907,548)</u>	<u>(759,393)</u>	-42.33%	19.51%
Net non-operating income (expense)	<u>(448,227)</u>	<u>(306,343)</u>	<u>326,743</u>	46.32%	-193.76%
Excess before capital contributions	1,379,878	399,141	968,658		
Capital contributions	56,130	305,349	170,777	-81.62%	78.80%
Change in net position	1,436,008	704,490	1,139,435	103.84%	-38.17%
Net position, beginning of year, as previously stated	28,359,477	27,654,987	29,533,839	2.55%	-6.36%
Effect of prior period adjustment	<u>-</u>	<u>-</u>	<u>(3,018,287)</u>	0.00%	-100.00%
Net position, beginning of year	<u>28,359,477</u>	<u>27,654,987</u>	<u>26,515,552</u>	2.55%	4.30%
Net position, end of year	<u>\$ 29,795,485</u>	<u>\$ 28,359,477</u>	<u>\$ 27,654,987</u>	5.06%	2.55%

As required by GASB 34, capital contributions are presented as a component of Change in Net Position on the Statement of Revenues, Expenses and Changes in Net Position.

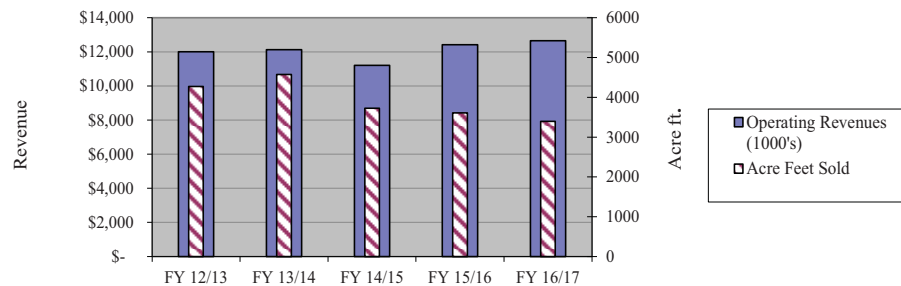
**CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION (CONTINUED)

Operating Revenues

	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17
Water Sales	\$ 10,798,634	\$ 11,229,175	\$ 10,799,713	\$ 11,762,567	\$ 12,165,739
Capital Recovery Fees	855,845	613,972	134,208	276,212	107,766
Fire Protection	221,131	228,640	231,330	260,638	291,991
Other Operating Revenues	128,631	63,429	43,170	119,489	85,611
Total Operating Revenues	\$ 12,004,241	\$ 12,135,216	\$ 11,208,421	\$ 12,418,906	\$ 12,651,107

Operating Revenues (in thousands) and Acre Feet Sold



Analysis of changes in Operating Revenues from June 30, 2016 to June 30, 2017:

During the fiscal year ended June 30, 2017, water sales declined by 212 acre feet. The decline in revenue resulting from the decrease in the amount of water sold was offset by a July 1, 2016 increase in basic service charges and drought-related surcharges, resulting in increased water sales revenue of approximately \$403,172. This increase in water sales revenue, combined with decreases in capital cost recovery fees (down \$168,446) and other revenue (down \$33,878), and an increase in fire protection fees (up \$31,353), resulted in a net increase in operating revenues of \$232,201.

Analysis of changes in Operating Revenues from June 30, 2015 to June 30, 2016:

During the fiscal year ended June 30, 2016, drought-related water rate increases offset the drought-related decrease in water consumption, resulting in increased water sales revenue of approximately \$962,854. This increase in water sales revenue, combined with increases in capital cost recovery fees (up \$142,004), fire protection fees (up \$29,308) and other operating revenues (up \$76,319), resulted in a net increase in operating revenues of \$1,210,485.

**CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION (CONTINUED)

Operating Expenses

Definitions:

Cost of Purchased Water: Water purchased from the Cachuma Project as well as Central Coast Water Authority (CCWA) and Department of Water Resources (DWR) variable costs.

CCWA Source of Supply: CCWA bond principal & interest, CCWA operating expenses and DWR fixed costs.

Cachuma Operating Expense: Cachuma Operations and Maintenance Board (COMB) operating expenses, special projects, storm damage, barge operation and safety of dam (SOD) expenses.

Pumping Expense: Maintenance of wells and pumping equipment as well as power and telephone for pumping.

Water Treatment: Cater Treatment Plant, chlorination, AB3030 groundwater management plan updates, and water quality and water testing expenses.

Transmission & Distribution: Maintenance of mains, hydrants and meters, engineering expenses, vehicle maintenance, cross connection expenses and other miscellaneous expenses.

Customer Accounting and Service: Meter reading and customer service orders, and uncollectible accounts.

General & Administrative: Salaries and benefits, legal expenses, administration, utilities, water conservation, Cachuma Conservation Release Board cost share, auditor fees and public information.

Depreciation and Amortization: Depreciation and amortization of District capital and intangible assets.

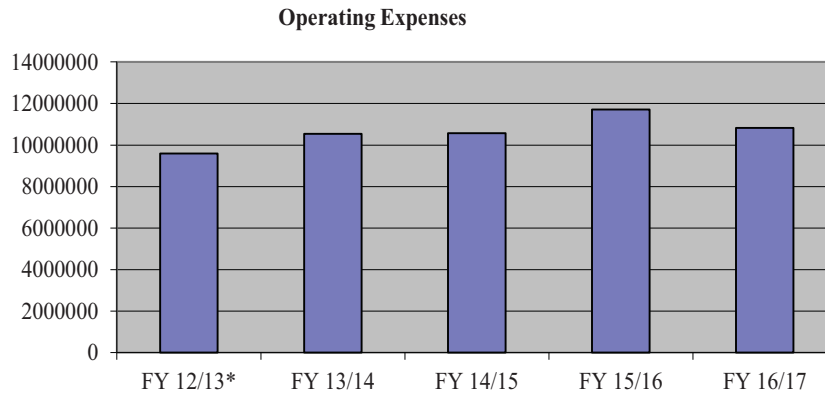
Overhead charged to Customers: Overhead on work orders.

	FY 12/13*	FY 13/14	FY 14/15	FY 15/16	FY 16/17
Cost of Purchased Water	\$ 354,603	\$ 665,351	\$ 475,919	\$ 598,379	\$ 465,456
CCWA Source of Supply	2,812,371	3,066,986	3,140,228	3,419,318	3,140,328
Cachuma Operating Expense	498,379	541,839	483,741	1,255,112	652,983
Pumping Expense	225,971	287,174	459,277	466,868	412,739
Water Treatment	949,594	1,006,344	698,525	653,464	1,026,479
Transmission and Distribution	899,177	931,836	981,118	1,220,745	973,640
Customer Accounting and Service	47,448	75,315	39,676	63,729	49,083
General and Administrative	2,125,924	2,203,554	2,328,957	2,087,634	2,060,747
Depreciation and Amortization	1,691,401	1,814,851	2,014,314	2,040,171	2,076,141
Overhead Charged to Customers	(23,367)	(56,940)	(55,249)	(91,998)	(34,594)
Total Operating Expenses	\$ 9,581,501	\$ 10,536,310	\$ 10,566,506	\$ 11,713,422	\$ 10,823,002

* Operating expenses reflect GASB 65 implementation for the fiscal year ending June 30, 2013.

**CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION (CONTINUED)



*Operating expenses reflect GASB 65 implementation for the fiscal year ending June 30, 2013.

Analysis of changes in Operating Expenses from June 30, 2016 to June 30, 2017:

- Overall operating expenses decreased by \$(890,419) or (7.60)%.
- CCWA source of supply costs decreased \$(278,990) or (8.16)% primarily due to decreased Department of Water Resources (DWR) variable costs associated with decreased water delivery requests.
- Cachuma operating expense decreased \$(602,129) or (47.97)% primarily due to the decommissioning of a drought-related barge facility and decreased variable costs associated with decreased water deliveries.
- Water treatment costs increased \$373,015 or 57.08% primarily due to a 708 AF increase in imported surface water treatment at the Cater Treatment Plant.
- Transmission and distribution costs decreased \$(247,105) or (20.24)% primarily due to reduced engineering service expenses as well as reduced labor costs related to vacant positions over the prior year.

Analysis of changes in Operating Expenses from June 30, 2015 to June 30, 2016:

- Overall operating expenses increased by \$1,146,917 or 10.85%.
- CCWA source of supply costs increased \$279,090 or 8.89% primarily due to increased Department of Water Resources (DWR) variable costs associated with increased water delivery requests.
- Cachuma operating expense, primarily due to the installation and operation of a drought-related barge facility, increased \$771,371 or 159.46%.
- Transmission and distribution costs increased \$239,627 or 24.42% primarily due to costs associated with drafting an Agricultural Water Management Plan, Urban Water Management Plan update and a recycled water feasibility study.
- General and administrative costs decreased \$(241,322) or (10.36) % primarily due to decreases in compensated absences and employee retirement expenses partially offset by a cost of living increase, professional services related to a water rate structure study, and labor negotiation expenses.

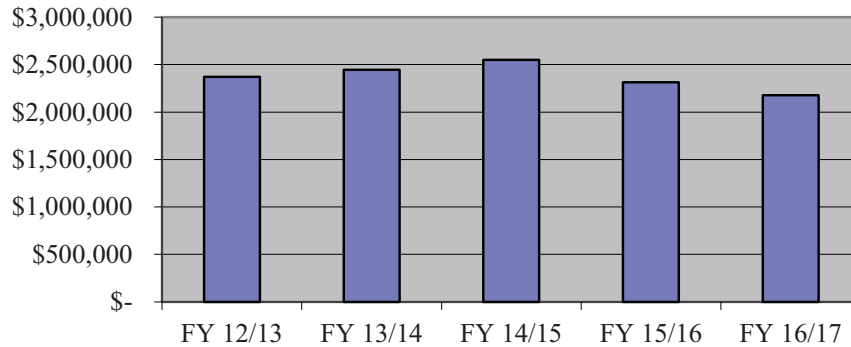
**CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION (CONTINUED)

Salaries and Benefits

	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17
Salaries	\$ 1,495,950	\$ 1,580,595	\$ 1,706,343	\$ 1,762,507	\$ 1,581,048
Social Security	112,610	112,202	127,141	130,554	116,431
Employee Retirement-PERS	320,802	293,436	299,473	25,971	88,359
Employee Group Insurance	412,792	429,537	382,180	358,019	359,155
Deferred Compensation	28,204	28,906	35,951	37,056	32,986
Total	\$ 2,370,358	\$ 2,444,676	\$ 2,551,088	\$ 2,314,107	\$ 2,177,979

Salaries and Benefits



Analysis of changes in Salaries and Benefits from June 30, 2016 to June 30, 2017:

Salaries and benefits expenses decreased \$(136,128) or (5.88) % primarily due to decreased salaries arising from vacancies. This decrease offset the increase associated with a cost of living increase.

Analysis of changes in Salaries and Benefits from June 30, 2015 to June 30, 2016:

Salaries and benefits expenses, specifically employee retirement, decreased \$(236,981) primarily due to pension accounting adjustments required by GASB 68 (Note 6). This decrease offset the increase associated with a cost of living increase.

**CARPINTERIA VALLEY WATER DISTRICT
MANAGEMENT'S DISCUSSION AND ANALYSIS**

STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION (CONTINUED)

Non-Operating Income (Expenses) and Capital Contributions

Analysis of changes in Non-Operating Income (Expenses) from June 30, 2016 to June 30, 2017:

Non-operating expenses of \$448,227 consisted primarily of interest expense of \$523,377 partially offset by \$75,150 of interest revenue.

Capital contributions of \$56,130 consisted entirely of customer-funded extensions to water mains and to water service line installations and upgrades.

Analysis of changes in Non-Operating Income (Expenses) from June 30, 2015 to June 30, 2016:

Non-operating expenses of \$306,343 consisted primarily of interest expense of \$907,548 partially offset by \$561,073 of grant revenues related to the Lake Cachuma emergency pumping barge project and a recycled water feasibility study.

Capital contributions of \$305,349 included customer-funded extensions to water mains and to water service line installations and upgrades.

CAPITAL ASSETS

At June 30, 2017, the District had \$40,990,917 invested in net capital assets, including construction in progress. This amount represents a decrease of \$(1,346,848) or (3.18) % over the prior year. See Note 4 for a summary of the capital assets by asset type.

- Capital expenditures in the fiscal year ended June 30, 2017 included primarily maintenance and upgrades to the transmission, distribution and service infrastructure as well as upgrades and rehabilitations to wells that support the District's drought-related increased reliance on groundwater production.
- Capital expenditures in the fiscal year ended June 30, 2016 included primarily maintenance and upgrades to the transmission, distribution and service infrastructure as well as upgrades and rehabilitations to wells that support the District's drought-related increased reliance on groundwater production.

LONG-TERM LIABILITIES

At the end of the current fiscal year, the District had long term debt outstanding of \$25,722,815, which is a \$(1,071,999) or (4.00) % decrease over the fiscal year ended June 30, 2016. See Note 5 for additional detailed information about the District's long-term debt.

- In the fiscal year ended June 30, 2017, principal payments on long term debt were \$1,064,096.
- In the fiscal year ending June 30, 2016, the issuance of Series 2016A Refunding Revenue bonds were used to refund the Series 2006A Refunding Revenue Certificates of Participation bonds as well as payoff a State Revolving Fund note payable. Principal payments on remaining long term debt were \$594,207.

CARPINTERIA VALLEY WATER DISTRICT
STATEMENT OF NET POSITION
June 30, 2017 and 2016

	<u>2017</u>	<u>2016</u>
ASSETS:		
Current Assets:		
Cash and cash equivalents	\$ 11,020,218	\$ 10,548,577
Restricted cash and investments	1,753,504	1,089,369
Accounts receivable:		
Water sales	1,464,231	1,367,848
Other	338,386	380,801
Inventories:		
Materials and meters	142,164	122,328
Water in storage	113,588	349,743
Prepaid expenses	3,616,692	3,303,595
Deposits with CCWA	924,579	919,463
Total current assets	<u>19,373,362</u>	<u>18,081,724</u>
Non-Current Assets:		
Restricted cash and investments	<u>387,681</u>	<u>289,093</u>
Capital Assets:		
Property and equipment	58,729,636	57,797,521
Less: accumulated depreciation	(23,703,844)	(22,274,441)
Construction in progress	440,157	742,701
Capacity rights, net of amortization	5,399,460	5,933,340
Intangible assets, net of amortization	125,508	138,644
Net capital assets	<u>40,990,917</u>	<u>42,337,765</u>
Total non-current assets	<u>41,378,598</u>	<u>42,626,858</u>
Total assets	<u>60,751,960</u>	<u>60,708,582</u>
DEFERRED OUTFLOWS OF RESOURCES:		
Deferred pensions	1,013,555	402,773
Deferred loss on refunding	457,184	490,666
Total deferred outflows of resources	<u>1,470,739</u>	<u>893,439</u>
Total assets and deferred outflows of resources	<u>\$ 62,222,699</u>	<u>\$ 61,602,021</u>

See accompanying notes

CARPINTERIA VALLEY WATER DISTRICT
STATEMENT OF NET POSITION
June 30, 2017 and 2016

	2017	2016
LIABILITIES:		
Current Liabilities:		
Accounts payable	\$ 996,100	\$ 1,329,326
Customer deposits	162,284	193,833
Interest payable	277,094	141,225
Advances for construction	231,373	213,372
Current portion of long-term debt	1,034,448	997,299
Total current liabilities	2,701,299	2,875,055
Long-Term Liabilities:		
Revenue Certificates of Participation Series 2010A	8,475,844	8,475,844
Revenue Bonds 2016A	9,560,331	10,010,353
Department of Water Resources loan contracts	6,083,749	6,513,161
Compensated absences payable	324,142	281,326
Net pension liability	3,300,879	2,829,302
Cater Treatment Plant Expansion Project financing agreement	1,602,891	1,795,456
Non-current portion of post-retirement health benefits payable	212,945	179,642
Total long-term liabilities	29,560,781	30,085,084
DEFERRED INFLOWS OF RESOURCES:		
Deferred pensions	165,134	282,405
Total liabilities and deferred inflows of resources	32,427,214	33,242,544
NET POSITION:		
Net investment in capital assets	15,661,654	15,976,746
Restricted for debt service	1,228,519	466,938
Unrestricted	12,905,312	11,915,793
Total net position	\$ 29,795,485	\$ 28,359,477

See accompanying notes

CARPINTERIA VALLEY WATER DISTRICT
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
For the years ended June 30, 2017 and 2016

	<u>2017</u>	<u>2016</u>
Operating Revenues:		
Water sales	\$ 12,165,739	\$ 11,762,567
Capital recovery fees	107,766	276,212
Fire protection	291,991	260,638
Other revenue	85,611	119,489
Total operating revenues	<u>12,651,107</u>	<u>12,418,906</u>
Operating Expenses:		
CCWA source of supply	3,140,328	3,419,318
Cost of purchased water	465,456	598,379
Cachuma operating expense	652,983	1,255,112
Pumping expense	412,739	466,868
Water treatment	1,026,479	653,464
Transmission and distribution	973,640	1,220,745
Customer accounting and service	49,083	63,729
General and administrative	2,060,747	2,087,634
Amortization	583,158	582,580
Depreciation	1,492,983	1,457,591
Overhead charged to customers	(34,594)	(91,998)
Total operating expenses	<u>10,823,002</u>	<u>11,713,422</u>
Operating income	<u>1,828,105</u>	<u>705,484</u>
Non-operating Income (Expenses):		
Grant revenue	-	561,073
Investment income	75,150	40,132
Interest expense	(523,377)	(907,548)
Net non-operating expenses	<u>(448,227)</u>	<u>(306,343)</u>
Income before contributions	1,379,878	399,141
Capital contributions	56,130	305,349
Change in net position	1,436,008	704,490
Net position, beginning of year	<u>28,359,477</u>	<u>27,654,987</u>
Net position, end of year	<u>\$ 29,795,485</u>	<u>\$ 28,359,477</u>

See accompanying notes

CARPINTERIA VALLEY WATER DISTRICT
STATEMENT OF CASH FLOWS
For the years ended June 30, 2017 and 2016

	<u>2017</u>	<u>2016</u>
Cash Flows from Operating Activities:		
Cash received from customers	\$ 12,610,024	\$ 12,205,837
Cash payments to suppliers for goods and services	(7,618,864)	(7,246,890)
Cash payments to employees for services	(1,709,112)	(2,084,428)
Net cash and cash equivalents provided by operating activities	<u>3,282,048</u>	<u>2,874,519</u>
Cash Flows from Noncapital Financing Activities:		
Net increase (decrease) in customer deposits	(31,549)	64,112
Net cash and cash equivalents provided (used) by noncapital financing activities	<u>(31,549)</u>	<u>64,112</u>
Cash Flows from Capital and Related Financing Activities:		
Proceeds from issuance of long-term debt	-	10,478,989
Repayments of long-term debt	(964,075)	(13,577,109)
Interest payments	(442,207)	(1,099,692)
Capital assets purchased	(650,732)	(1,200,758)
Investment in water facilities	(36,142)	(4,208)
Grant revenue	-	561,073
Net cash and cash equivalents used by capital and related financing activities	<u>(2,093,156)</u>	<u>(4,841,705)</u>
Cash Flows from Investing Activities:		
Proceeds from sale of property and equipment	1,871	-
Interest received	75,150	40,132
Net cash and cash equivalents provided by investing activities	<u>77,021</u>	<u>40,132</u>
Increase (decrease) in cash and cash equivalents	1,234,364	(1,862,942)
Cash and cash equivalents, beginning of year	<u>11,927,039</u>	<u>13,789,981</u>
Cash and cash equivalents, end of year	<u>\$ 13,161,403</u>	<u>\$ 11,927,039</u>
Cash and cash equivalents are reported in the Statement of Net Position as follows:		
Unrestricted cash and cash equivalents	\$ 11,020,218	\$ 10,548,577
Restricted cash and investments - current	1,753,504	1,089,369
Restricted cash and investments - non-current	387,681	289,093
	<u>\$ 13,161,403</u>	<u>\$ 11,927,039</u>

See accompanying notes

CARPINTERIA VALLEY WATER DISTRICT
STATEMENT OF CASH FLOWS
For the years ended June 30, 2017 and 2016

	<u>2017</u>	<u>2016</u>
Cash Flows from Operating Activities:		
Operating income	\$ 1,828,105	\$ 705,484
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation	1,492,983	1,457,591
Amortization	583,158	582,580
(Increase) decrease in:		
Accounts receivable	(53,968)	(153,986)
Inventories	216,319	(39,356)
Prepaid expenses	(313,097)	385,205
Deposit with CCWA	(5,116)	2,090
Loss on disposal of assets	-	8,268
Deferred outflows of resources	(610,782)	(69,894)
Increase (decrease) in:		
Accounts payable	(333,226)	332,211
Compensated absences payable	72,062	(63,918)
Accrued post retirement benefit	33,303	31,610
Deferred inflows of resources	(117,271)	(241,222)
Net pension liability	471,577	7,295
Advances for construction	18,001	(69,439)
Net cash and cash equivalents provided by operating activities	<u>\$ 3,282,048</u>	<u>\$ 2,874,519</u>

Supplemental Schedule of Noncash Investing and Financing Activities:

Property in the amount of \$56,130 and \$305,349 was contributed by developers during the years ended June 30, 2017 and 2016, respectively.

See accompanying notes

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 1 – Reporting Entity and Summary of Significant Accounting Policies

A) Reporting Entity

The Carpinteria Valley Water District (the “District”) (formerly known as Carpinteria County Water District) was incorporated on February 13, 1941 under authority of the California County Water Districts Act. By contract dated April 17, 1953, the District entered into an agreement with the U.S. Bureau of Reclamation for the construction of a distribution system to serve approximately 96% of the District, thereby creating Improvement District #1. The District is governed by a Board of Directors consisting of five members elected from voters of the District.

B) Accounting Basis

The District reports its activities as an enterprise fund, which is used to account for operations where the intent of the District is that the costs of providing goods and services to the general public on a continuing basis be financed or recovered primarily through user charges. Revenues and expenses are recognized on the accrual basis, as such, revenues are recognized in the accounting period in which they are earned and expenses are recognized in the period incurred.

An enterprise fund is accounted for on a cost of services or "capital maintenance" measurement focus. This means that all assets and liabilities (whether current or noncurrent) associated with the activity are included on the statement of net position.

The District distinguishes operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and the producing and delivering of goods in connection with the District's principal ongoing operations. The principal operating revenues of the District are charges to customers for water sales. Operating expenses of the District include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

C) Cash and Cash Equivalents

For purposes of the statement of cash flows, the District considers all highly liquid investments (including restricted assets) with a maturity period, at purchase, of three months or less to be cash equivalents.

D) Basis for Recording Accounts Receivable and Allowance for Doubtful Accounts

The District grants credit to its customers, substantially all of whom are residents and businesses in Carpinteria, California. The District charges doubtful accounts arising from water receivables to bad debt expense when it is probable that the accounts will be uncollectible.

E) Inventories

The District’s inventories are recorded at cost on the first-in, first-out basis.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 1 – Reporting Entity and Summary of Significant Accounting Policies (Continued)

F) Restricted Assets

These assets consist of cash and other monetary assets restricted by outside parties for various purposes.

G) Long Term Assets

Property, plant and equipment and intangible assets are valued at cost. The capitalization threshold for all capital asset purchases is \$1,000. Donated property is valued at estimated acquisition value on the date donated. The assets, excluding land, are depreciated or amortized using the straight line method over estimated useful lives. Intangible assets consist of contract renegotiation costs and title transfers. The title transfers are being amortized over the life of the capital asset that was part of the transfer and the contract renegotiation costs are being amortized over the life of the contract.

Estimated useful lives are:

Buildings	30 years
Improvements other than buildings	25 years
Furnishings, machinery and equipment	5 years
Transmission and distribution infrastructure	30 years
Wells and water treatment infrastructure	30 years
Water storage infrastructure	30 years
Water delivery infrastructure	25 years
Intangible assets	25-30 years

H) Interest Costs

Applicable interest charges incurred during construction of new facilities are capitalized as one of the elements of cost and are amortized over the asset's estimated useful life. All other interest costs are expensed as incurred.

I) Budgetary Procedures

The District prepares an annual budget which includes estimates of its principal sources of revenue to be received during the fiscal year, as well as estimated expenditures and reserves needed for operation of District facilities.

J) Compensated Absences

The District's personnel policies provide for accumulation of vacation and sick leave. Liabilities for vacation and sick leave are recorded when benefits are earned. Cash payment of unused vacation and sick leave is available to those qualified employees when retired or terminated.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 1 – Reporting Entity and Summary of Significant Accounting Policies (Continued)

K) Net Position

Net position represents the difference between assets and deferred outflows, and liabilities and deferred inflows, and is classified into three components as follows:

Net investment in capital assets, consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowings used for the acquisition, construction or improvement of those assets. Net investment in capital assets excludes unspent debt proceeds.

Net position is reported as restricted when there are limitations imposed on their use either through the enabling legislation adopted by the District or through external restrictions imposed by creditors, grantors or laws or regulations of other governments.

Unrestricted net position consists of net position that does not meet the definition of “restricted” or “net investment in capital assets.”

It is the District's policy to first apply restricted resources when expenses are incurred for purposes for which both restricted and unrestricted resources are available.

L) Concentration of Credit Risk

The District grants credit to its customers, substantially all of whom are residents and businesses of the Carpinteria Valley.

M) Construction Advances

Construction advances represent deposits received in advance of construction, which are refundable if the applicable construction does not take place. Construction advances are transferred to contributed capital when the applicable construction is completed.

N) Prepaid expenses

Prepaid expenses consist primarily of State water debt service and operating expenses through the Central Coast Water Authority.

O) 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 Carpinteria Valley Water 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.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 1 – Reporting Entity and Summary of Significant Accounting Policies (Continued)

P) Implementation of New Accounting Pronouncements

For the year ended June 30, 2017, the District implemented the following Governmental Accounting Standards Board (GASB) Pronouncements:

Statement No. 79 Certain External Investment Pools and Pool Participants enhances comparability of financial statements among governments by establishing specific criteria used to determine whether a qualifying external investment pool may elect to use an amortized cost exception to fair value measurement. Those criteria will provide qualifying external investment pools and participants in those pools with consistent application of an amortized cost-based measurement for financial reporting purposes. That measurement approximates fair value and mirrors the operations of external investment pools that transact with participants at a stable net asset value per share.

The impact of implementing this Statement will be reflected in Note 2.

Statement No. 82 Pension Issues – an amendment of GASB Statements No. 67, No. 68, and No. 73 addresses issues regarding the presentation of payroll-related measures in required supplementary information, the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard of Practice for financial reporting purposes, and the classification of payments made by employers to satisfy employee (plan member) contribution requirements. The provisions of this Statement have been adopted for the fiscal year ended June 30, 2017 and are reflected in the presentation of the required supplementary information.

Q) Future Governmental Accounting Standards Board (GASB) Statements

GASB Statement 85 listed below will be implemented in future financial statements. The aforementioned future GASB statement will be evaluated by the District to determine if it will have a material impact to the financial statements once effective.

Statement No. 85, Omnibus 2017, addresses practice issues that have been identified during implementation and application of certain GASB statements. This Statement addresses a variety of topics including issues related to blending component units, goodwill, fair value measurement and application, and postemployment benefits (pensions and other postemployment benefits [OPEB]). The requirements of this Statement are effective for reporting periods beginning after June 15, 2017.

R) Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 2 – Cash and Investments

Investments are carried at fair value as determined by the external investment pool sponsor. As of June 30, 2017 and 2016, the District had the following cash and investments on hand:

	<u>2017</u>	<u>2016</u>
Cash in banks and on hand	\$ 2,021,628	\$ 2,304,756
Cash with fiscal agent	684,063	437,642
Local Agency Investment Fund	10,254,619	8,984,851
Local Agency Investment Fund- Certificates of Participation	<u>201,093</u>	<u>199,790</u>
Total cash and investments	<u>\$ 13,161,403</u>	<u>\$ 11,927,039</u>

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 State of California (LAIF). The District’s investment policy generally limits deposits to the previous FDIC determined limit of \$250,000. This limitation does not apply to LAIF or amounts held with fiscal agents. The District’s investment policy does not contain any specific provisions intended to limit the District’s exposure to interest rate risk or credit risk. Investments in LAIF are not rated by a national rating agency.

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 to market interest rate fluctuations is provided by the following table that shows the distribution of the District’s investments by maturity as of June 30, 2017.

<u>Investment Type</u>	<u>Carrying Amount</u>	<u>12 Months or Less</u>	<u>13-24 Months</u>	<u>25-60 Months</u>	<u>More than 60 Months</u>
Cash with fiscal agent	\$ 684,063	\$ 684,063	\$ -	\$ -	\$ -
Local Agency Investment Fund	10,254,619	10,254,619	-	-	-
Local Agency Investment Fund- Certificates of Participation	<u>201,093</u>	<u>201,093</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 11,139,775</u>	<u>\$ 11,139,775</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 2 – Cash and Investments (Continued)

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 the California Government Code and the District’s investment policy, and the actual rating as of June 30, 2017 for each investment type.

	Carrying Amount	Minimum Legal Rating	Exempt From Disclosure	Rating as of Fiscal Year End		
				AAA	Aa	Not Rated
Cash with fiscal agent	\$ 684,063	N/A	\$ -	\$ 684,063	\$ -	\$ -
Local Agency Investment Fund	10,254,619	N/A	10,254,619			
Local Agency Investment Fund- Certificates of Participation	201,093	N/A	201,093			
Total	\$11,139,775		\$ 10,455,712	\$ 684,063	\$ -	\$ -

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 (other than investments guaranteed by the U.S. Government or investments in external investment pools).

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside 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 deposits, other than the following provisions for deposits: The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The fair value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure the District’s deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits.

None of the District’s deposits with financial institutions in excess of federal depository insurance limits were held in uncollateralized accounts.

CARPINTERIA VALLEY WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS

Note 2 – Cash and Investments (Continued)

Custodial Credit Risk (Continued)

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 LAIF).

Fair Value Measurements

The District is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. 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 LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis. The District has no investments that are measured at fair value as of June 30, 2017 and 2016.

Note 3 - Restricted Cash and Investments

Restricted cash and investments consisted of the following at June 30, 2017 and 2016:

	<u>2017</u>	<u>2016</u>
Restricted for capital improvements	\$ 711,573	\$ 711,734
Restricted for capital improvements from the Certificates of Participation	201,093	199,790
Restricted for debt service payments	<u>1,228,519</u>	<u>466,938</u>
Total restricted assets	<u>\$ 2,141,185</u>	<u>\$ 1,378,462</u>
Restricted cash and investments - current	\$ 1,753,504	\$ 1,089,369
Restricted cash and investments - non current	<u>387,681</u>	<u>289,093</u>
	<u>\$ 2,141,185</u>	<u>\$ 1,378,462</u>

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 4 – Capital Assets

Schedules of changes in capital assets, as well as depreciation and amortization for the fiscal year ended June 30, 2017 are shown below:

	Balance June 30, 2016	Additions	Deletions	Transfers	Balance June 30, 2017
Capital assets, non-depreciable:					
Land and land rights	\$ 1,034,008	\$ -	\$ -	\$ -	\$ 1,034,008
Construction in progress	742,701	601,572	(25,552)	(878,564)	440,157
Total capital assets, non-depreciable	<u>1,776,709</u>	<u>601,572</u>	<u>(25,552)</u>	<u>(878,564)</u>	<u>1,474,165</u>
Capital assets, depreciable/amortizable:					
Buildings	831,988	-	-	-	831,988
Improvements other than buildings	460,392	3,177	-	-	463,569
Furnishings, machinery and equipment	1,882,579	32,205	(63,580)	23,061	1,874,265
Transmission and distribution infrastructure	7,600,599	9,633	-	264,440	7,874,672
Wells and water treatment infrastructure	11,759,940	20,430	-	497,664	12,278,034
Water storage infrastructure	29,642,949	5,189	-	-	29,648,138
Water delivery infrastructure	4,585,066	46,497	-	93,399	4,724,962
Capacity rights	12,946,377	36,142	-	-	12,982,519
Intangible assets	362,336	-	-	-	362,336
Total capital assets, depreciable/amortizable	<u>70,072,226</u>	<u>153,273</u>	<u>(63,580)</u>	<u>878,564</u>	<u>71,040,483</u>
Total capital assets	<u>71,848,935</u>	<u>754,845</u>	<u>(89,132)</u>	<u>-</u>	<u>72,514,648</u>
Capital assets, accumulated depreciation/amortization:					
Buildings	(775,717)	(10,230)	-	-	(785,947)
Improvements other than buildings	(166,807)	(25,564)	-	-	(192,371)
Furnishings, machinery and equipment	(1,779,650)	(35,028)	63,580	-	(1,751,098)
Transmission and distribution infrastructure	(4,731,923)	(134,165)	-	-	(4,866,088)
Wells and water treatment infrastructure	(4,331,345)	(374,245)	-	-	(4,705,590)
Water storage infrastructure	(7,759,940)	(814,539)	-	-	(8,574,479)
Water delivery infrastructure	(2,729,059)	(99,212)	-	-	(2,828,271)
Capacity rights	(7,013,037)	(570,022)	-	-	(7,583,059)
Intangible assets	(223,692)	(13,136)	-	-	(236,828)
Total accumulated depreciation/amortization:	<u>(29,511,170)</u>	<u>(2,076,141)</u>	<u>63,580</u>	<u>-</u>	<u>(31,523,731)</u>
Net capital assets	<u>\$ 42,337,765</u>	<u>\$ (1,321,296)</u>	<u>\$ (25,552)</u>	<u>\$ -</u>	<u>\$ 40,990,917</u>

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 4 – Capital Assets (Continued)

Schedules of changes in capital assets, as well as depreciation and amortization for the fiscal year ended June 30, 2016, are shown below:

	Balance June 30, 2015	Additions	Deletions	Transfers	Balance June 30, 2016
Capital assets, non-depreciable:					
Land and land rights	\$ 1,034,008	\$ -	\$ -	\$ -	\$ 1,034,008
Construction in progress	292,216	1,140,743	-	(690,258)	742,701
Total capital assets, non-depreciable	<u>1,326,224</u>	<u>1,140,743</u>	<u>-</u>	<u>(690,258)</u>	<u>1,776,709</u>
Capital assets, depreciable/amortizable:					
Buildings	821,388	10,600	-	-	831,988
Improvements other than buildings	378,365	6,468	-	75,559	460,392
Furnishings, machinery and equipment	1,888,325	12,024	(46,345)	28,575	1,882,579
Transmission and distribution infrastructure	7,049,906	262,614	-	288,079	7,600,599
Wells and water treatment infrastructure	11,632,604	19,759	(6,483)	114,060	11,759,940
Water storage infrastructure	29,637,994	3,457	(11,640)	13,138	29,642,949
Water delivery infrastructure	4,348,669	65,550	-	170,847	4,585,066
Capacity rights	12,942,168	4,209	-	-	12,946,377
Intangible assets	362,336	-	-	-	362,336
Total capital assets, depreciable/amortizable	<u>69,061,755</u>	<u>384,681</u>	<u>(64,468)</u>	<u>690,258</u>	<u>70,072,226</u>
Total capital assets	<u>70,387,979</u>	<u>1,525,424</u>	<u>(64,468)</u>	<u>-</u>	<u>71,848,935</u>
Capital assets, accumulated depreciation/amortization:					
Buildings	(766,194)	(9,523)	-	-	(775,717)
Improvements other than buildings	(142,380)	(24,427)	-	-	(166,807)
Furnishings, machinery and equipment	(1,781,487)	(44,507)	46,344	-	(1,779,650)
Transmission and distribution infrastructure	(4,618,171)	(113,752)	-	-	(4,731,923)
Wells and water treatment infrastructure	(3,975,668)	(360,675)	4,998	-	(4,331,345)
Water storage infrastructure	(6,951,711)	(811,898)	3,669	-	(7,759,940)
Water delivery infrastructure	(2,636,250)	(92,809)	-	-	(2,729,059)
Capacity rights	(6,454,907)	(558,130)	-	-	(7,013,037)
Intangible assets	(199,242)	(24,450)	-	-	(223,692)
Total accumulated depreciation/amortization:	<u>(27,526,010)</u>	<u>(2,040,171)</u>	<u>55,011</u>	<u>-</u>	<u>(29,511,170)</u>
Net capital assets	<u>\$ 42,861,969</u>	<u>\$ (514,747)</u>	<u>\$ (9,457)</u>	<u>\$ -</u>	<u>\$ 42,337,765</u>

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 5 – Long-Term Debt

Long-term debt of the District is as follows:

	Balance June 30, 2016	Additions	Retirements/ Amortization	Balance June 30, 2017	Due Within One Year
Series 2010A Certificates of Participation	\$ 8,475,844	\$ -	\$ -	\$ 8,475,844	\$ -
Total Series 2010A Certificates of Participation	8,475,844	-	-	8,475,844	-
Series 2016A Refunding Revenue Bonds	8,765,000	-	(355,000)	8,410,000	350,000
Unamortized bond premium	1,700,375	-	(100,022)	1,600,353	100,022
Total Series 2016A Bonds	10,465,375	-	(455,022)	10,010,353	450,022
Department of Water Resources Loan Contracts	6,931,981	-	(418,820)	6,513,161	429,412
Cater Treatment Plant Financing Agreement	1,890,009	-	(190,254)	1,699,755	96,864
Compensated absences	310,230	281,968	(209,906)	382,292	58,150
Long-term debt	\$ 28,073,439	\$ 281,968	\$ (1,274,002)	\$ 27,081,405	\$ 1,034,448

A) Revenue Certificates of Participation and Bonds

Series 2010A:

In March 2010, the District issued the Refunding Revenue (Capital Appreciation) Certificates of Participation, Series 2010A (“2010A COPs”) in the amount of \$8,475,844 with interest rates ranging from 5.75% to 6.86%. The Certificates were executed and delivered 1) to refund a portion of the outstanding aggregate principal amount of the 2006A COPs, constituting a portion of the 2006A COPs maturing on July 1, 2010 and each July 1 thereafter through July 1, 2015, inclusive, 2) to refund a portion of the District’s obligations under the Safe Drinking Water State Revolving Fund Contract #SRF99CX125 maturing on July 1, 2010 and each January and July 1 thereafter through July 1, 2017, inclusive, and 3) to fund certain improvements to the City of Santa Barbara’s Cater Water Treatment Plant which serves the District.

In accordance with District’s refunding plan, \$1,079,808 was deposited with an escrow agent to provide for payment when due (through July 2015) of all principal and interest with respect to the 2006A Refunded Certificates. The total payments made on the 2006A Refunded Certificates from escrow funds was \$1,000,000 in principal and \$142,800 in interest. The refunding resulted in increased total debt service payments from \$1,142,800 to \$3,300,000, including only amounts related to the 2006A Refunded Certificates. This increased cash flow created an economic loss

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 5 – Long-Term Debt (Continued)

A) Revenue Certificates of Participation and Bonds (Continued)

of approximately \$133,052 when discounted at the 2010A COPs’ effective interest rate of 6.61769%. At June 30, 2017 and 2016, there was \$0 of defeased Series 2006A Refunded Certificates outstanding, to be paid from escrow funds.

Total annual requirements to amortize the Series 2010A COPs are as follows:

Fiscal Year End	Principal	Interest	Total
2018	\$ -	\$ -	\$ -
2019	-	-	-
2020	-	-	-
2021	-	-	-
2022	-	-	-
2023-2027	2,280,458	3,054,541	5,334,999
2028-2032	3,529,911	8,515,089	12,045,000
2033-2036	2,665,475	10,464,526	13,130,001
	<u>\$ 8,475,844</u>	<u>\$ 22,034,156</u>	<u>\$ 30,510,000</u>

Series 2016A:

In May 2016, the District issued the Refunding Revenue Bonds, Series 2016A (“2016A Bonds”) with a principal amount of \$8,765,000 and premium of \$1,713,989 with interest rates ranging from 2% to 5%. The Bonds were executed and delivered 1) to refund the entire outstanding aggregate principal amount and interest of the 2006A COPs and 2) to refund a portion of the District’s obligations under the Safe Drinking Water State Revolving Fund Contract #SRF99CX125. The remaining obligations under the Safe Drinking Water State Revolving Fund Contract #SRF99CX125 were repaid by funds contributed by the District.

The refunding resulted in decreased total debt service payments from \$11,851,263 to \$10,302,396. This decreased cash flow created an economic gain of approximately \$1,344,787 when discounted at the 2016A Bonds’ effective interest rate of 1.8115713%. Total annual requirements to amortize the Series 2016A Bonds are as follows:

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 5 – Long-Term Debt (Continued)

A) Revenue Certificates of Participation and Bonds (Continued)

<u>Fiscal Year End</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2018	\$ 350,000	\$ 387,000	\$ 737,000
2019	600,000	374,500	974,500
2020	750,000	350,500	1,100,500
2021	800,000	315,500	1,115,500
2022	435,000	284,625	719,625
2023-2027	2,520,000	1,065,500	3,585,500
2028-2032	2,510,000	421,250	2,931,250
2033-2036	445,000	11,125	456,125
	<u>\$ 8,410,000</u>	<u>\$ 3,210,000</u>	<u>\$ 11,620,000</u>

B) Safe Drinking Water State Revolving Fund Contracts

Contract # SRF99CX121:

The Safe Drinking Water State Revolving Fund Contract was issued March 19, 2004. The purpose of the loan was to assist in financing various capital improvements which will enable the District to meet certain safe drinking water standards. The contract provides for a 20 year loan bearing an interest rate of approximately 2.5%. This loan was issued to both this District and the Montecito Water District in order to finance the capital improvements to the Ortega Reservoir. Each District will be legally liable for half of the joint loan proceeds. Carpinteria Valley Water District's portion of the principal balance was \$9,236,658, and requires semi-annual payments of interest and principal due on January 1 and July 1 of each year commencing in July 2010. Interest payments during the construction period were due semi-annually based on the funds disbursed.

The District is required to accumulate a reserve fund equal to two semi-annual loan payments during the first ten years of the repayment period. At minimum, half of the semi-annual reserve fund must be on deposit by the time the first ten semi-annual payments are made. Once the reserve fund is accumulated, the District must maintain the reserve fund at this level until the loan is repaid in full. During the last year of the contract, all reserve funds must be applied to the loan repayment.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 5 – Long-Term Debt (Continued)

B) Safe Drinking Water State Revolving Fund Contracts (Continued)

The annual estimated requirements for the District to amortize the Safe Drinking Water State Revolving Fund Contract #SRF99CX121 are as follows:

<u>Fiscal Year End</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2018	\$ 429,412	\$ 161,008	\$ 590,420
2019	440,271	150,148	590,419
2020	451,406	139,013	590,419
2021	462,822	127,597	590,419
2022	474,527	115,893	590,420
2023-2027	2,558,830	393,266	2,952,096
2028-2030	1,695,893	75,363	1,771,256
Total	\$ 6,513,161	\$ 1,162,288	\$ 7,675,449

C) Cater Treatment Plant Expansion Project Financing Agreement

The District entered into a financing agreement with the City of Santa Barbara dated February 27, 2002, which requires the District to pay twenty percent of a loan obligation between the City of Santa Barbara and the California Drinking Water State Revolving Fund. The loan proceeds were used to finance certain improvements to the Cater Treatment Plant in order to meet new water quality standards imposed on public agencies. The loan provides for a 20 year loan amortization maturing on July 1, 2025, bearing an interest rate of approximately 2.5%. The improvements were completed in January 2005 and the District's portion of the loan in the amount of \$3,580,170 was recorded on the statement of net position at June 30, 2005. The District is required to make semi-annual payments of interest and principal in the amount of \$114,425 payable to the City of Santa Barbara on December 15th and June 15th each year.

The annual requirements to amortize the Cater Treatment Plant Expansion financing agreement are as follows:

<u>Fiscal Year End</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2018	\$ 96,864	\$ 20,723	\$ 117,587
2019	197,275	37,899	235,174
2020	202,105	33,070	235,175
2021	207,056	28,119	235,175
2022	212,132	23,043	235,175
2023-2026	784,323	38,789	823,112
Total	\$ 1,699,755	\$ 181,643	\$ 1,881,398

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 6 – Defined Benefit Pension Plan

General Information about the Pension Plans

Plan Descriptions – All qualified employees are eligible to participate in Carpinteria Valley Water District’s 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 local government 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. Eligible employees hired after January 1, 2013 that are considered new members as defined by the Public Employees’ Pension Reform Act (PEPRA) are participating in the PEPRA Miscellaneous Plan.

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, as discussed above. Members with five years of total service are eligible to retire at age 50 or 52 if in the PEPRA Miscellaneous Plan with statutorily reduced benefits. An optional benefit regarding sick leave was adopted. Any unused sick leave accumulates at the time of retirement will be converted to credited service at a rate of .004 years of service for each day of sick leave. All members are eligible for non-duty disability benefits after 10 years of service. The system also provides for the Optional Settlement 2W Death Benefit. The cost of living adjustments for all plans are applied as specified by the Public Employees’ Retirement Law.

The Plans’ provisions and benefits in effect at June 30, 2017 are summarized as follows:

	Miscellaneous Plan - For the Year Ended June 30, 2017		
	Tier 1	Tier 2	PEPRA
	Prior to February 10, 2011	Prior to January 1, 2013	On or after January 1, 2013
Hire date	Prior to February 10, 2011	Prior to January 1, 2013	On or after January 1, 2013
Benefit formula	2% @ 55	2% @ 55	2% @ 62
Benefit vesting schedule	5 years of service	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life	monthly for life
Retirement age	50-63	50-63	52-67
Monthly benefits, as a % of eligible compensation	1.4% to 2.4%	1.4% to 2.4%	1.0% to 2.5%
Required employee contribution rates	7.0%	7.0%	6.3%
Required employer contribution rates	8.9%	8.4%	6.6%
Required employer contribution rates for payment on all UAL amortization bases	17.4%	0.0%	0.1%

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 6 – Defined Benefit Pension Plan (Continued)

The Plans’ provisions and benefits in effect at June 30, 2016 are summarized as follows:

	Miscellaneous Plan - For the Year Ended June 30, 2016		
	Tier 1	Tier 2	PEPRA
Hire date	Prior to February 10, 2011	Prior to January 1, 2013	On or after January 1, 2013
Benefit formula	2% @ 55	2% @ 55	2% @ 62
Benefit vesting schedule	5 years of service	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life	monthly for life
Retirement age	50-63	50-63	52-67
Monthly benefits, as a % of eligible compensation	1.4% to 2.4%	1.4% to 2.4%	1.0% to 2.5%
Required employee contribution rates	7.0%	7.0%	6.3%
Required employer contribution rates	8.5%	8.0%	6.2%
Required employer contribution rates for payment on all UAL amortization bases	15.9%	-0.1%	0.0%

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 both 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 years ended June 30, 2017 and 2016, the contributions recognized as part of pension expense for all Plans were as follows:

	Miscellaneous Plan	
	June 30, 2017	June 30, 2016
Contributions – employer	\$ 329,972	\$ 281,838

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 6 – Defined Benefit Pension Plan (Continued)

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

The District’s net pension liability for all Plans is measured as the proportionate share of the net pension liability. As of June 30, 2017 and 2016, the District reported net pension liabilities for its proportionate shares of the net pension liability of all Plans as follows:

	<u>Proportionate Share of Net Pension Liability</u>	
	<u>For the Year Ended</u> <u>June 30, 2017</u>	<u>For the Year Ended</u> <u>June 30, 2016</u>
Miscellaneous	\$ 3,300,879	\$ 2,829,302

For the year ended June 30, 2016, the net pension liability of all of the Plans is measured as of June 30, 2015, and the total pension liability for all Plans used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2014 rolled forward to June 30, 2015 using standard update procedures.

For the year ended June 30, 2017, the net pension liability of all of the Plans is measured as of June 30, 2016, and the total pension liability for all Plans used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2015 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 their 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 all Plans with an actuarial valuation date of June 30, 2015 and 2016 was as follows:

	<u>For the Year Ended June 30, 2017</u>		<u>For the Year Ended June 30, 2016</u>
	<u>Miscellaneous</u>		<u>Miscellaneous</u>
Proportion – June 30, 2015	0.10313%	Proportion – June 30, 2014	0.11418%
Proportion – June 30, 2016	0.09502%	Proportion – June 30, 2015	0.10313%
Change – Increase (Decrease)	<u>-0.00811%</u>	Change – Increase (Decrease)	<u>-0.01105%</u>

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 6 – Defined Benefit Pension Plan (Continued)

For the years ended June 30, 2017 and 2016, the District recognized pension expense of \$88,359 and \$25,971, respectively. At June 30, 2017 and 2016, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	June 30, 2017		June 30, 2016	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 344,835	\$ -	\$ 329,792	\$ -
Differences between actual and expected experience	9,150	-	18,019	-
Changes in assumptions	-	(112,289)	-	(170,472)
Changes in employer's proportion and difference between the employer's contributions and the employer's proportionate share of contributions	75,141	(52,845)	54,962	(26,473)
Net differences between projected and actual earnings on plan investments	584,429	-	-	(85,460)
	\$ 1,013,555	\$ (165,134)	\$ 402,773	\$ (282,405)

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.

During the fiscal year ended June 30, 2017, \$329,792 in deferred outflows of resources related to contributions subsequent to the measurement date was recognized as a reduction of the net pension liability. During the fiscal year ended June 30, 2018, \$344,835 in deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability.

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:	
2018	\$ 41,632
2019	46,338
2020	264,239
2021	151,377
2022	-
Thereafter	-
	\$ 503,586

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 6 – Defined Benefit Pension Plan (Continued)

Actuarial Assumptions – The total pension liabilities in the June 30, 2016 and 2015 actuarial valuations were determined using the following actuarial assumptions:

	For the Year Ended June 30, 2017		For the Year Ended June 30, 2016	
	Miscellaneous		Miscellaneous	
Valuation Date	June 30, 2015		June 30, 2014	
Measurement Date	June 30, 2016		June 30, 2015	
Actual Cost Method	Entry Age Normal Cost Method in accordance with the requirements of GASB Statement No. 68		Entry Age Normal Cost Method in accordance with the requirements of GASB Statement No. 68	
Actuarial Assumptions				
Discount Rate	7.65%		7.65%	
Inflation	2.75%		2.75%	
Payroll Growth	3.00%		3.00%	
Projected Salary Increase	Varies by entry age and service (1)		Varies by entry age and service (1)	
Investment Rate of Return	7.65% (2)		7.65% (2)	
Mortality	Derived using CalPERS Membership Data for all Funds		Derived using CalPERS Membership Data for all Funds	
Post Retirement Benefit Increase	Contract COLA up to 2.75% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.75% thereafter		Contract COLA up to 2.75% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.75% thereafter	

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

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

The actuarial assumptions used in the June 30, 2015 and 2014 valuations were based on the results of an actuarial experience study for the period 1997 to 2011, including updates to salary increase, mortality and retirement rates. Further details of the Experience Study can found on the CalPERS website.

Discount Rate – The discount rate used to measure the total pension liability was 7.65 percent for all Plans. To determine whether the municipal bond rate should be used in the calculation of a discount rate for all plans, CalPERS stress tested plans that would most likely result in a discount rate that would be different from the actuarially assumed discount rate. Based on the testing, none of the tested plans run out of assets. Therefore, the current 7.65 percent discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long term expected discount rate of 7.65 percent will be applied to all plans in the Public Employees Retirement Fund, including PERF C. The stress test results are presented in a detailed report that can be obtained from the CalPERS website.

The long-term expected rate of return on pension plan investments 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.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds' asset classes, expected compound returns were calculated over the short-term (first 10 years) and the long-term (11-60 years) using a building-block approach.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 6 – Defined Benefit Pension Plan (Continued)

Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent.

The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. These rates of return are net of administrative expenses. The tables below reflect the long-term expected real rate of return by asset class at June 30, 2017 and 2016, respectively.

Asset Class	June 30, 2017			June 30, 2016		
	Net Strategic Allocation	Real Return Years 1-10 (a)	Real Return Years 11+ (b)	Net Strategic Allocation	Real Return Years 1-10 (a)	Real Return Years 11+ (b)
Global Equity	51.00%	5.25%	5.71%	51.00%	5.25%	5.71%
Global Fixed Income	20.00%	0.99%	2.43%	19.00%	0.99%	2.43%
Inflation Sensitive	6.00%	0.45%	3.36%	6.00%	0.45%	3.36%
Private Equity	10.00%	6.83%	6.95%	10.00%	6.83%	6.95%
Real Estate	10.00%	4.50%	5.13%	10.00%	4.50%	5.13%
Infrastructure and Forestland	2.00%	4.50%	5.09%	2.00%	4.50%	5.09%
Liquidity	1.00%	-0.55%	-1.05%	2.00%	-0.55%	-1.05%

(a) An expected inflation of 2.5% used for this period

(b) An expected inflation of 3.0% used for this period

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 all Plans, calculated using the discount rate for all Plans, 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 Plan For the Year Ended June 30, 2017		Miscellaneous Plan For the Year Ended June 30, 2016	
1% Decrease	6.65%	1% Decrease	6.65%
Net Pension Liability	\$ 4,708,108	Net Pension Liability	\$ 4,744,950
Current Discount Rate	7.65%	Current Discount Rate	7.65%
Net Pension Liability	\$ 3,300,879	Net Pension Liability	\$ 2,829,302
1% Increase	8.65%	1% Increase	8.65%
Net Pension Liability	\$ 2,137,874	Net Pension Liability	\$ 1,247,726

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 6 – Defined Benefit Pension Plan (Continued)

Pension Plan Fiduciary Net Position – Detailed information about all pension plan fiduciary net positions is available in the separately issued CalPERS financial reports.

Note 7 – Post-Employment Health Care Benefits

Plan Description

The District provides retiree medical, dental, vision, and prescription drug coverage to current and future eligible retirees and their spouse under a single-employer plan. Under the Plan, retired employees who attain age 60 with at least 20 years of service are eligible to receive benefits. Spouses may be covered with certain limitations.

Funding Policy

The contribution requirements of plan members and the District are established and may be amended by the District and its board of directors. The required contribution is based on projected pay-as-you-go financing requirements. The District pays 100% of the premium for pre-65 retirees, and contributes up to 5% of a retiree’s PERS benefit toward the cost of medical coverage for post-65 retirees.

Annual OPEB Cost and Net OPEB Obligation

The District’s annual OPEB cost (expense) is calculated based on the *annual required contribution of the employer* (ARC), an amount actuarially determined in accordance with the parameters of GASB Statement 45.

The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal costs each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years. The following table shows the components of the District’s annual OPEB cost for the years ended June 30, 2017 and 2016, the amount actually contributed to the plan, and the changes in the District’s net OPEB obligation for plan benefits:

	2017	2016
Annual required contribution	\$ 52,304	\$ 49,950
Interest on Net OPEB obligation	7,189	5,924
Adjustment to ARC	(6,789)	(5,660)
Annual OPEB cost	52,704	50,214
Contributions made	(19,401)	(18,604)
Increase in net OPEB	33,303	31,610
Net OPEB obligation - beginning of year	179,642	148,032
Net OPEB obligation - end of year	\$ 212,945	\$ 179,642

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 7 – Post-Employment Health Care Benefits (Continued)

The District’s annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation for the fiscal year 2017 and the four preceding fiscal years were as follows:

Fiscal Year Ending	Annual OPEB Cost	Percentage Annual OPEB Cost Contributed	Net OPEB Obligation
06/30/14	\$45,748	39%	\$ 118,275
06/30/15	\$47,926	38%	\$ 148,032
06/30/16	\$50,214	37%	\$ 179,642
06/30/17	\$52,625	37%	\$ 212,945

Funded Status and Funding Progress

As of June 30, 2017 and 2016, based on the last valuation performed the actuarial accrued liability for benefits was \$618,054 and \$585,388, respectively, all of which was unfunded. The covered payroll (annual payroll of active employees covered by the plan) was \$1,652,623 and \$1,604,488, respectively, and the ratio of the unfunded actuarial accrued liability to the covered payroll was 37% and 36%, respectively.

The projection of future benefit payments for an ongoing plan involves estimates of the value of reported amounts and assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress is presented within Required Supplementary Information and presents multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Actuarial 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 actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 7 – Post-Employment Health Care Benefits (Continued)

The following simplifying assumptions were made:

Valuation Date	July 1, 2012
Actuarial Cost Method	Projected Unit Credit
Amortization Method	Level Percent of Payroll
Amortization Period for UAAL	Open period of 30.0 years
Actuarial Assumptions	
Rate of return on investments	4.00%
Expected rate of return on plan assets	7.50%
Payroll growth	3.00%
Inflation	2.75%
Healthcare cost trend rate	5.00%-7.00%

Note 8 – Deferred Compensation Plan

The District offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan permits participating employees to defer a portion of their salary until future years. The District matches employee contributions up to 2.5% of a contributing employee's annual salary. The deferred compensation is not available to employees until termination, retirement, death or unforeseeable emergency.

On June 8, 1997 the District amended the plan in accordance with the provisions of IRC Section 457(g). On that date, assets of the plan were placed in trust for the exclusive benefit of participants and their beneficiaries. The requirements of that IRC Section prescribes that the District no longer owns the amounts deferred by employees, including the related income on those amounts. Accordingly, the assets and the liability for the compensation deferred by plan participants, including earnings on plan assets, are not included in the District's financial statements. Contributions to the Plan for the years ended June 30, 2017 and 2016 were \$32,986 and \$37,056, respectively.

Note 9 – Lease Obligations

The District has lease obligations for two of its well sites. The High School Well lease, dated March 1, 1989 and amended April 23, 2008 is for a term of thirty years, terminating July 1, 2030. There are no lease payments associated with this lease. In return the District provides the School District with the Irrigation water rate for specific water accounts.

During 2011, the District purchased a permanent easement from the City for the land that contains the El Carro Well. Prior to the purchase of the easement, the District had a lease with the City, dated November 16, 1990, for the useful life of the well. As "in-lieu of rent" for the first twenty year period, the District installed, at a cost of \$40,085, water line and fire hydrant facilities to accommodate future development of the property adjoining the well site.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 10 – Cachuma Project Authority

This joint exercise of powers authority was created by the participating agencies for the purpose of renegotiating with the United States Bureau of Reclamation (USBR) the contract for the operation of the Cachuma reservoir. Through the authority, the agencies collectively issued revenue bonds to refinance certain obligations each agency had incurred to finance its share of the expansion of the shared Water Treatment Plant.

The Cachuma Project Authority successfully renegotiated a contract with the USBR. The Authority, effective September 30, 1996 merged into the Cachuma Operations and Maintenance Board (COMB), which is responsible for all operational aspects of the Cachuma reservoir. All assets and liabilities of the Authority were transferred to COMB. The District continues to contribute its share of the operating expenses. The accumulated contract renegotiation costs are being amortized over the term of the new contract, which is twenty-five years.

Note 11 – Joint Powers Insurance Authority

The District participates in the property and liability program organized by the Association of California Water Agencies/Joint Powers Insurance Authority ("ACWA/JPIA"). ACWA/JPIA is a Joint Powers Authority created to provide a self-insurance program to water agencies in the State of California. The ACWA/JPIA is not a component unit of the District for financial reporting purposes, as explained below.

ACWA/JPIA provides liability, property and workers' compensation insurance for approximately 265 water agencies for losses in excess of the member districts' specified self-insurance retention levels. Individual claims (and aggregate public liability and property claims) in excess of specified levels are covered by excess insurance policies purchased from commercial carriers. ACWA/JPIA is governed by a separate board comprised of members from participating districts. The board controls the operations of ACWA/JPIA, including selection of management and approval of operating budgets, independent of any influence by the members beyond their representation on the board. Each member shares surpluses and deficiencies proportionately to its participation in ACWA/JPIA.

Based on financial information at September 30, 2016, ACWA/JPIA had total assets, liabilities and net position of \$189,566,761, \$121,474,323 and \$68,703,617, respectively. Based on financial information at September 30, 2015, ACWA/JPIA had total assets, liabilities and net position of \$194,775,717, \$113,620,777 and \$80,933,818, respectively. The District paid premiums of \$61,351 and \$65,557 to ACWA/JPIA for property and liability insurance, and \$14,591 and \$69,299 for workers' compensation during the years ended June 30, 2017 and 2016, respectively.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 12 – Commitments and Contingencies

A) Central Coast Water Authority

In 1991, the voters of the District elected to participate in the State Water Project (SWP). As a result, the District joined in the formation of the Central Coast Water Authority (CCWA) in August 1991. The purpose of the Central Coast Water Authority is to provide for the financing, construction, operation, and maintenance of certain local (non-state owned) facilities required to deliver water from the SWP to certain water purveyors and users in Santa Barbara County.

Each project participant, including the District, has entered into a Water Supply Agreement to provide for the development, financing, construction, operation and maintenance of the CCWA Project. The purpose of the Water Supply Agreement is to assist in carrying out the purposes of CCWA with respect to the CCWA Project by:

- 1) requiring CCWA to sell, and the project participants to buy, a specified amount of water from CCWA ("take or pay"); and
- 2) assigning the Santa Barbara project participant's entitlement rights in the State Water project to CCWA.

Although the District does have an ongoing financial interest pursuant to the Water Supply Agreement between the District and CCWA, the District does not have an equity interest as defined by GASB Code Sec. J50.105.

Each project participant is required to pay to CCWA an amount equal to its share of the total cost of "fixed project costs" and certain other costs in the proportion established in the Water Supply Agreement. This includes the project participant's share of payments to the State Department of Water Resources (DWR) under the State Water Supply Contract (including capital, operation, maintenance, power and replacement costs of the DWR facilities), debt service on CCWA bonds and all CCWA operating and administrative costs.

Each project participant is required to make payments under its Water Supply Agreement solely from the revenues of its water system. Each project participant has agreed in its Water Supply Agreement to fix, prescribe and collect rates and charges for its water system which will be at least sufficient to yield each fiscal year net revenues equal to 125% of the sum of (1) the payment required pursuant to the Water Supply Agreement, and (2) debt service on any existing participant obligation for which revenues are also pledged.

CCWA is composed of eight members, all of which are public agencies. CCWA was organized and exists under a joint exercise of power agreement among the various participating public agencies. The Board of Directors is made up of one representative from each participating entity. Votes on the Board are approximately apportioned between the entities based upon each entity's allocation of State water entitlement. The Carpinteria Valley Water District share of the project, based upon number of acre-feet of water, is 10.487%.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 12 – Commitments and Contingencies (Continued)

A) Central Coast Water Authority (Continued)

Operating and capital expenses are allocated among the members based upon various formulas recognizing the benefits of the various project components to each member.

On October 1, 1992, CCWA sold \$177,120,000 in revenue bonds at a true interest cost of 6.64% to enable CCWA to finance a portion of the costs of constructing a water treatment plant to treat State water for use by various participating water purveyors and users within Santa Barbara and San Luis Obispo Counties, a transmission system to deliver such water to the participating water purveyors and users within Santa Barbara County, and certain local improvements to the water systems of some of the participating purveyors.

In November 1996, CCWA sold \$198,015,000 of revenue bonds at a true interest cost of 5.55% to defease CCWA’s \$177,120,000 1992 revenue bonds and to pay certain costs of issuing the bonds. The 1996 bonds were issued in two series: Series A of \$173,015,000 and Series B of \$25,000,000. The Series B bonds are subject to mandatory redemption from amounts transferred from the Construction Fund and the Reserve Fund upon completion of the construction of CCWA facilities.

In August 2006, CCWA issued the Series 2006A Refunding Revenue Bonds for \$123,190,000 at a true interest cost of 4.24% to defease the 1996 Revenue Bonds. A portion of the bond proceeds together with other funds were placed into an escrow account invested in securities which will provide sufficient funds to pay the regularly scheduled principal of and interest on the refunded bonds on October 1, 2006, and to pay on October 3, 2006 the principal of and accrued interest to the date of redemption, and redemption premium, if any, on the refunded bonds maturing on and after October 1, 2006. On July 21, 2016 the 2006A Refunding Revenue Bonds were refunded. The Carpinteria Valley Water District estimated minimum State water payments for the next five fiscal years are summarized below:

Fiscal Year Ending June 30,	Fixed Costs	Variable Costs	Debt Service	Total
2018	\$ 2,079,766	\$ 512,980	\$ 1,058,312	\$ 3,651,058
2019	2,007,221	576,029	1,045,016	3,628,266
2020	2,008,060	618,696	1,044,310	3,671,066
2021	2,079,230	649,236	1,042,859	3,771,325
2022	2,107,726	675,922	1,041,573	3,825,221
Thereafter (through 2035)	28,537,384	-	-	28,537,384
Total	<u>\$ 38,819,387</u>	<u>\$ 3,032,863</u>	<u>\$ 5,232,070</u>	<u>\$ 47,084,320</u>

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 12 – Commitments and Contingencies (Continued)

B) Cater Advanced Treatment Project

The City of Santa Barbara made improvements to the Cater Treatment Plant with a total estimated cost of approximately \$20,000,000. The project was completed during 2014 and began amortization during the year ended June 30, 2015. As of June 30, 2017 and 2016, the District’s portion of the expenditures incurred amounted to approximately \$4,328,000.

C) Ortega Reservoir

The Ortega Reservoir has construction defects to its basin. Although the reservoir is not a capital asset of the District, the District, along with Montecito Water District, will be required to pay for the repairs, which may be significant. The total cost of the repairs cannot be estimated.

D) Bradbury Dam

The District, as a member of the Cachuma Operations and Maintenance Board (COMB), is responsible for a portion of costs associated with certain capital improvements to the Bradbury Dam. The improvements are required to meet certain earthquake and seismic safety standards imposed by public agencies. Pursuant the “Bradbury Dam SOD ACT Repayment Agreement”, between COMB and the Bureau of Reclamation, the District will be required to make annual payments of \$18,037 commencing October 2002 through 2015, annual payments of \$28,649 commencing October 2016 through 2026 and annual payments of \$10,612 commencing October 2027 through 2051 to finance the project.

The District’s future obligations are as follows:

Year Ended June 30:

2018	\$	28,649
2019		28,649
2020		28,649
2021		28,649
2022		28,649
Thereafter		408,545
Total	\$	<u>551,790</u>

E) Emergency Drought Pumping Commitment

On July 25, 2014, the District guaranteed \$608,000 of the seven year \$3,200,000 line of credit of the Cachuma Operations and Maintenance Board (COMB), a legally separate entity in which the District is a member agency. On July 25, 2014, COMB secured a \$2,000,000 non-revolving line-of-credit and a \$1,200,000 revolving line-of-credit to finance an emergency pumping project resulting from current severe drought conditions. Both lines-of-credit were scheduled to mature on July 25, 2021, with quarterly interest payments. In the event that COMB was unable to make a payment, the District was required to make that payment up to its guarantee amount of \$608,000. As a guarantor, the District was subject to certain financial covenants.

CARPINTERIA VALLEY WATER DISTRICT

NOTES TO FINANCIAL STATEMENTS

Note 12 – Commitments and Contingencies (Continued)

E) Emergency Drought Pumping Commitment (Continued)

During the fiscal year, the lines of credit were converted to term loans and as of June 30, 2017 the District paid off their entire share of the revolving lines-of-credit in the amount of \$495,846. The District no longer has a commitment.

F) Water Purchase Agreement

On April 14, 2016, the District entered into a Supplemental Water Purchase Program Participation Agreement in which the District purchased 1,000 acre-feet of water for \$250,000. As part of the agreement the District is obligated to return 500 acre-feet over the next ten years. The obligation was met by August 2017.

Note 13 – Subsequent Events

On August 2, 2017, the District obtained funds through a Master Lease Purchase Agreement with Siemens Public, Inc. to finance the purchase and installation of new advanced water meters and supporting infrastructure, LED lighting upgrades and construction of solar carports. The District deposited the funds, \$6,468,856, with an escrow agent to provide for payment of project costs. The funds will be repaid over the life of the lease as outlined within the agreement.

Subsequent events have been evaluated through December 6, 2017, the date that the financial statements were available to be issued.

REQUIRED SUPPLEMENTARY INFORMATION

**CARPINTERIA VALLEY WATER DISTRICT
A COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN
LAST 10 YEARS***

**CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF CARPINTERIA VALLEY WATER DISTRICT'S
PROPORTIONATE SHARE OF THE NET PENSION LIABILITY**

	2017	2016	2015
Valuation date	June 30, 2015	June 30, 2014	June 30, 2013
Measurement period	June 30, 2016	June 30, 2015	June 30, 2014
Proportion of the net pension liability	0.03815%	0.04122%	0.04535%
Proportionate share of the net pension liability	\$ 3,300,879	\$ 2,829,302	\$ 2,822,007
Covered - employee payroll	\$ 1,625,984	\$ 1,621,204	\$ 1,612,949
Proportionate share of the net pension liability as a percentage of covered-employee payroll	203.01%	174.52%	174.96%
Plan's fiduciary net position	\$ 7,151,600	\$ 7,278,661	\$ 7,148,327
Plan's fiduciary net position as a percentage of the total plan pension liability	68.42%	72.01%	75.96%

Notes to Schedule:

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

**CARPINTERIA VALLEY WATER DISTRICT
A COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN
LAST 10 YEARS***

**CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF CARPINTERIA VALLEY WATER DISTRICT'S CONTRIBUTIONS**

	2017	2016	2015
Contractually required contribution (actuarially determined)	\$ 344,835	\$ 329,792	\$ 281,838
Contributions in relation to the actuarially determined contributions	\$ 344,835	\$ 329,792	\$ 281,838
Contribution deficiency (excess)	\$ -	\$ -	\$ -
Covered-employee payroll	\$ 1,475,024	\$ 1,627,135	\$ 1,557,019
Contributions as a percentage of covered-employee payroll	23.38%	20.27%	18.10%

Notes to Schedule:

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

**CARPINTERIA VALLEY WATER DISTRICT
OTHER POST-EMPLOYMENT BENEFITS (OPEB) PLAN
SCHEDULE OF FUNDING PROGRESS**

Fiscal Year Ending	Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL)- Simplified Entry Age (b)	Unfunded AAL (UAAL) (b -a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
6/30/13	7/1/2012	-	\$ 497,496	\$ 497,496	0%	\$1,468,334	34%
6/30/14	7/1/2012	-	525,049	525,049	0%	1,512,384	35%
6/30/15	7/1/2012	-	554,270	554,270	0%	1,557,756	36%
6/30/16	7/1/2012	-	585,388	585,388	0%	1,604,488	36%
6/30/17	7/1/2012	-	618,054	618,054	0%	1,652,623	37%

Notes to Schedule:

This information is intended to help users assess the District's OPEB plan's status on a going-concern basis and assess progress made in accumulating assets to pay benefits when due.

STATISTICAL SECTION

**CARINTERIA VALLEY WATER DISTRICT
STATISTICAL SECTION
UNAUDITED**

This part of the District’s comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures and required supplementary information says about the District’s overall financial health.

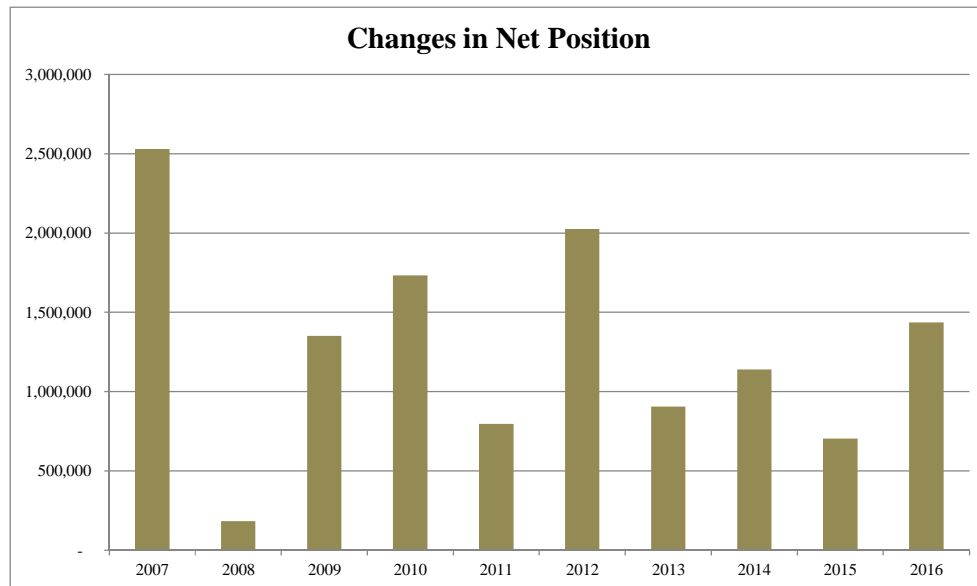
TABLE OF CONTENTS

	<u>Page</u>
Financial Trends	57-61
These schedules contain information to help the reader understand how the District’s financial performance and well-being have changed over time.	
Revenue Capacity	62-64
These schedules contain information to help the reader assess the District’s most significant own-source revenue, water sales.	
Debt Capacity	65-66
These schedules present information to help the reader assess the affordability of the District’s current levels of outstanding debt and the District’s ability to issue additional debt in the future.	
Demographic Information	67
This schedule offers demographic indicators to help the reader understand the environment within which the District’s financial activities take place.	
Operating Information	68
This schedule contains service and infrastructure data to help the reader understand how the information in the District’s financial report relates to the service the District provides.	

Carpinteria Valley Water District
Changes in Net Position and Net Position by Component
Last Ten Fiscal Years
Unaudited

Schedule 1

	Fiscal Year				
	2007-08 ¹	2008-09 ¹	2009-10 ¹	2010-11 ¹	2011-12 ¹
Changes in net position					
Operating revenues (see Schedule 2)	\$ 11,274,957	10,778,110	10,431,187	10,266,100	11,180,994
Operating expenses (see Schedule 3)	(7,427,172)	(8,053,240)	(7,304,093)	(7,913,220)	(7,995,513)
Depreciation and amortization	(1,356,869)	(1,828,233)	(1,965,499)	(1,837,807)	(1,776,993)
Operating income (loss)	2,490,916	896,637	1,161,595	515,073	1,408,488
Non-operating revenues (expenses)					
Gain from litigation settlement	-	-	1,450,000	-	-
Grant revenue	-	-	-	1,913,241	54,761
Debt issuance costs	-	-	(376,036)	-	-
Interest income	369,155	200,654	47,334	55,294	52,416
Interest expense	(397,807)	(978,503)	(943,470)	(782,159)	(730,862)
Net non-operating revenues (expenses)	(28,652)	(777,849)	177,828	1,186,376	(623,685)
Excess (deficiency) before capital contributions	2,462,264	118,788	1,339,423	1,701,449	784,803
Capital contributions	67,239	64,195	12,995	31,095	11,274
Increase (decrease) in net position	\$ 2,529,503	182,983	1,352,418	1,732,544	796,077
Net assets by components					
Net Investment in capital assets	\$ 8,864,474	8,587,190	8,512,575	11,096,771	10,587,027
Restricted for debt service	1,364,636	1,430,058	1,405,686	1,632,053	2,109,456
Unrestricted	12,308,930	12,703,775	14,155,180	13,077,161	13,905,579
Total net assets	\$ 22,538,040	22,721,023	24,073,441	25,805,985	26,602,062



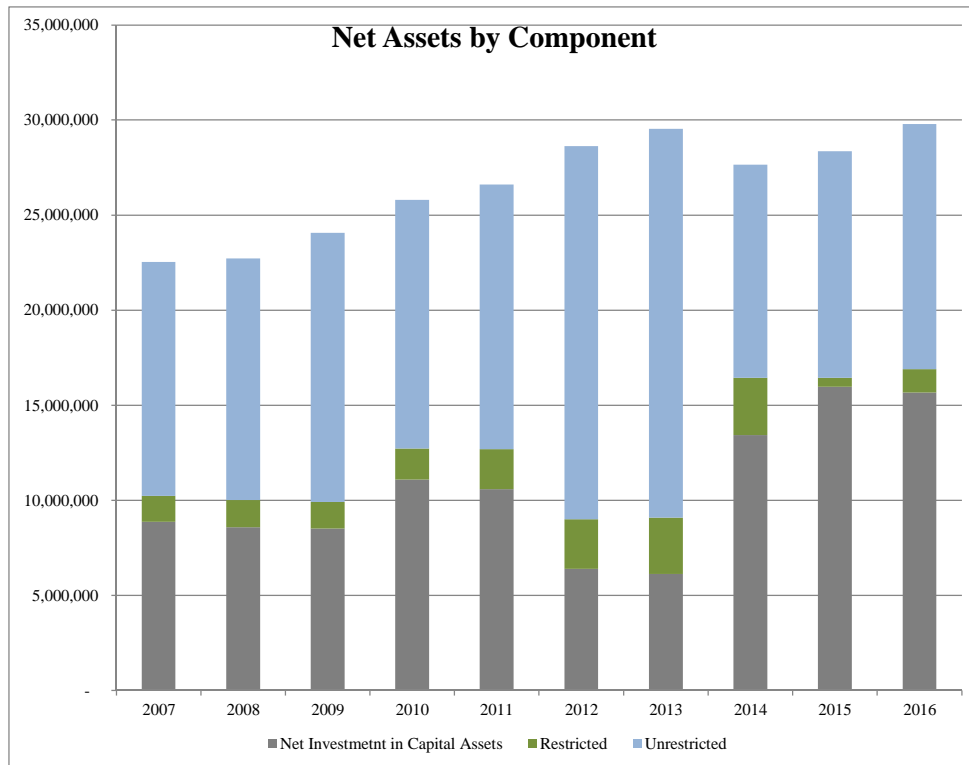
Source: Carpinteria Valley Water District Audited Financial Statements

1. Restated
2. Includes \$3,018,287 prior period adjustment for implementation of GASB 68.

Schedule 1

(continued)

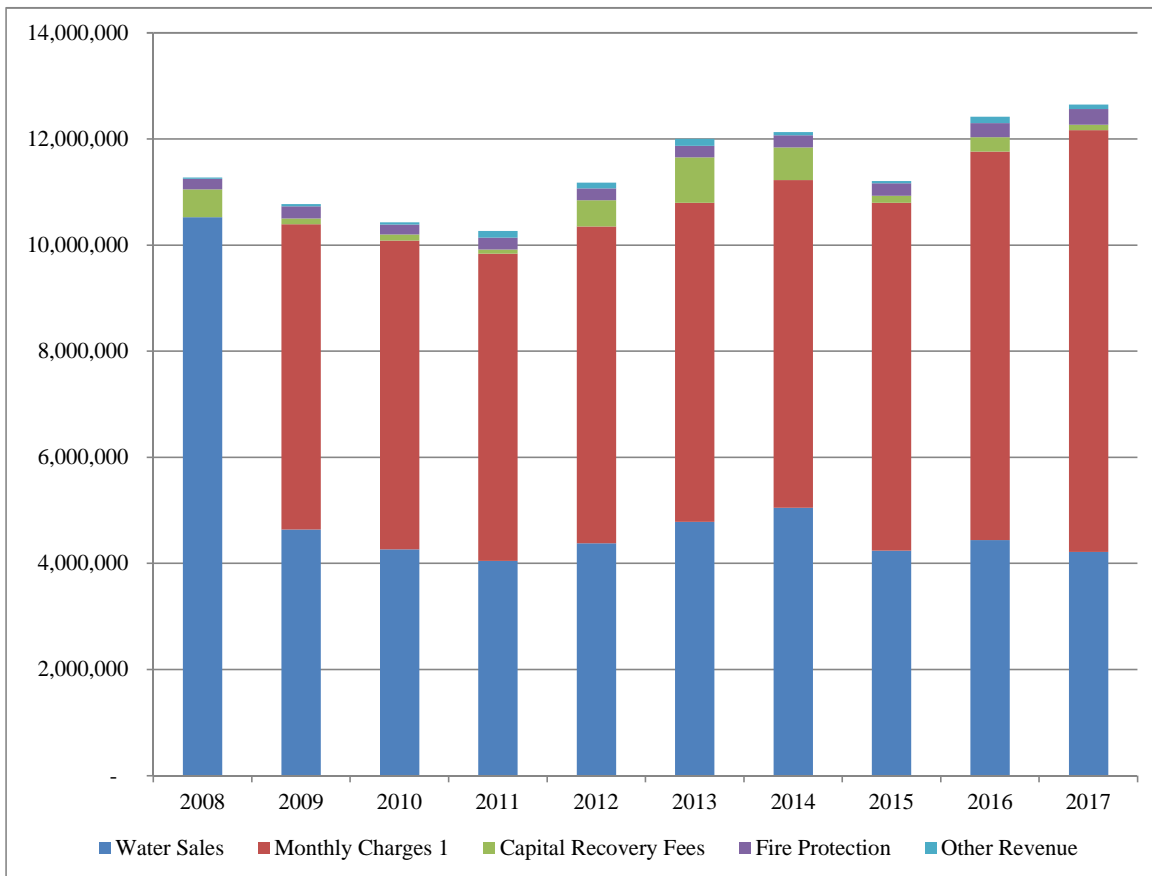
Fiscal Year				
2012-13 ¹	2013-14	2014-15	2015-16	2016-17
12,004,241	12,135,216	11,208,421	12,418,906	12,651,107
(7,890,100)	(8,721,459)	(8,552,192)	(9,673,251)	(8,746,862)
(1,691,401)	(1,814,851)	(2,014,314)	(2,040,171)	(2,076,140)
<u>2,422,740</u>	<u>1,598,906</u>	<u>641,915</u>	<u>705,484</u>	<u>1,828,105</u>
-	-	1,061,958	-	-
255,105	24,790	-	561,073	-
-	-	-	-	-
33,394	26,484	24,178	40,132	75,150
(737,289)	(774,035)	(759,393)	(907,548)	(523,377)
<u>(448,790)</u>	<u>(722,761)</u>	<u>326,743</u>	<u>(306,343)</u>	<u>(448,227)</u>
1,973,950	876,145	968,658	399,141	1,379,878
<u>52,410</u>	<u>29,272</u>	<u>170,777</u>	<u>305,349</u>	<u>56,130</u>
<u><u>2,026,360</u></u>	<u><u>905,417</u></u>	<u><u>1,139,435</u></u>	<u><u>704,490</u></u>	<u><u>1,436,008</u></u>
6,396,644	6,122,173	13,423,794	15,976,746	15,661,654
2,607,682	2,963,713	3,017,358	466,938	1,228,519
<u>19,624,096</u>	<u>20,447,953</u>	<u>11,213,835</u>	<u>11,915,793</u>	<u>12,905,312</u>
<u><u>28,628,422</u></u>	<u><u>29,533,839</u></u>	<u><u>27,654,987</u></u> ²	<u><u>28,359,477</u></u>	<u><u>29,795,485</u></u>



**Carpinteria Valley Water District
Operating Revenues by Source
Last Ten Fiscal Years**

Schedule 2

Fiscal Year	Water Sales	Monthly Charges ¹	Capital Recovery Fees	Fire Protection	Other Revenue	Total Operating Revenue
2008	\$ 10,529,619		523,952	200,322	21,064	\$ 11,274,957
2009	4,644,277	5,749,324	111,880	227,403	45,226	10,778,110
2010	4,266,070	5,823,866	112,454	184,838	43,959	10,431,187
2011	4,052,622	5,788,269	77,787	224,061	123,361	10,266,100
2012	4,381,982	5,971,245	496,558	221,989	109,220	11,180,994
2013	4,789,302	6,009,332	855,845	221,131	128,631	12,004,241
2014	5,053,939	6,175,236	613,972	228,640	63,429	12,135,216
2015	4,240,727	6,558,986	134,208	231,330	43,170	11,208,421
2016	4,441,318	7,321,249	276,212	260,638	119,489	12,418,906
2017	4,220,286	7,945,453	107,766	291,991	85,611	12,651,107



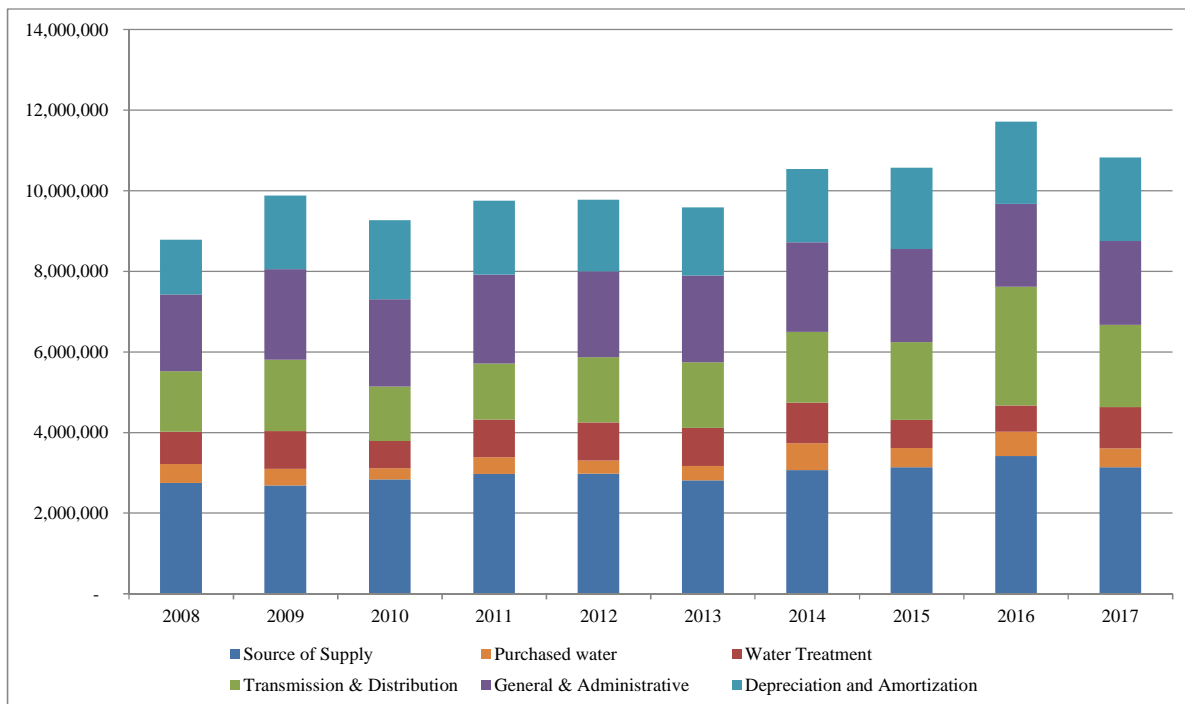
NOTE:

1. Monthly charges were included in Water Sales until fiscal year 2009.

**Carpinteria Valley Water District
Operating Expenses by Activity
Last Ten Fiscal Years**

Schedule 3

Fiscal Year	Source of Supply ¹	Purchased Water	Water Treatment	Transmission & Distribution	General & Administrative	Depreciation and Amortization ²	Total Operating Expenses
2008	\$ 2,752,258	470,031	801,557	1,496,766	1,906,560	1,356,869	\$ 8,784,041
2009	2,684,059	412,956	942,202	1,766,844	2,247,179	1,828,233	9,881,473
2010	2,840,261	275,957	670,103	1,355,417	2,162,355	1,965,499	9,269,592
2011	2,971,245	414,717	935,478	1,386,931	2,204,849	1,837,807	9,751,027
2012	2,978,486	323,548	944,251	1,622,755	2,126,473	1,776,993	9,772,506
2013	2,812,371	354,603	949,594	1,623,527	2,150,005	1,691,401	9,581,501
2014	3,066,986	665,351	1,006,344	1,760,849	2,221,929	1,814,851	10,536,310
2015	3,140,228	475,919	698,525	1,924,136	2,313,384	2,014,314	10,566,506
2016	3,419,318	598,379	653,464	2,942,725	2,059,365	2,040,171	11,713,422
2017	3,140,328	465,456	1,026,479	2,039,362	2,075,237	2,076,141	10,823,003



NOTES:

1. Source of supply includes debt service on State Water Project loans.
2. Fiscal years 2006 through 2013 restated.

Carpinteria Valley Water District
Operating Revenues and Expenses as Percent of Total
Last Ten Fiscal Years

Schedule 4

Operating Revenues as Percent of Total

Fiscal Year	Water Sales	Monthly Charge ¹	Capital Recovery Fees	Fire Protection	Other Revenue	Total Operating Revenue
2008	93.4 %	- %	4.6 %	1.8 %	0.2 %	100.0 %
2009	43.1	53.3	1.0	2.1	0.4	100.0
2010	40.9	55.8	1.1	1.8	0.4	100.0
2011	39.5	56.4	0.8	2.2	1.2	100.0
2012	39.2	53.4	4.4	2.0	1.0	100.0
2013	39.9	50.1	7.1	1.8	1.1	100.0
2014	41.6	50.9	5.1	1.9	0.5	100.0
2015	37.8	58.5	1.2	2.1	0.4	100.0
2016	35.8	59.0	2.2	2.1	1.0	100.0
2017	33.4	62.8	0.9	2.3	0.7	100.0

Fiscal Year	Source of Supply	Purchased Water	Water Treatment	Transmission & Distribution	General & Administrative	Depreciation and Amortization	Total Operating Expenses
2008	31.3 %	5.4 %	9.1 %	17.0 %	21.7 %	15.4 %	100.0 %
2009	27.2	4.2	9.5	17.9	22.7	18.5	100.0
2010	30.6	3.0	7.2	14.6	23.3	21.2	100.0
2011	30.5	4.3	9.6	14.2	22.6	18.8	100.0
2012	30.5	3.3	9.7	16.6	21.8	18.2	100.0
2013	29.4	3.7	9.9	16.9	22.4	17.7	100.0
2014	29.1	6.3	9.6	16.7	21.1	17.2	100.0
2015	29.7	4.5	6.6	18.2	21.9	19.1	100.0
2016	29.2	5.1	5.6	25.1	17.6	17.4	100.0
2017	29.0	4.3	9.5	18.8	19.2	19.2	100.0

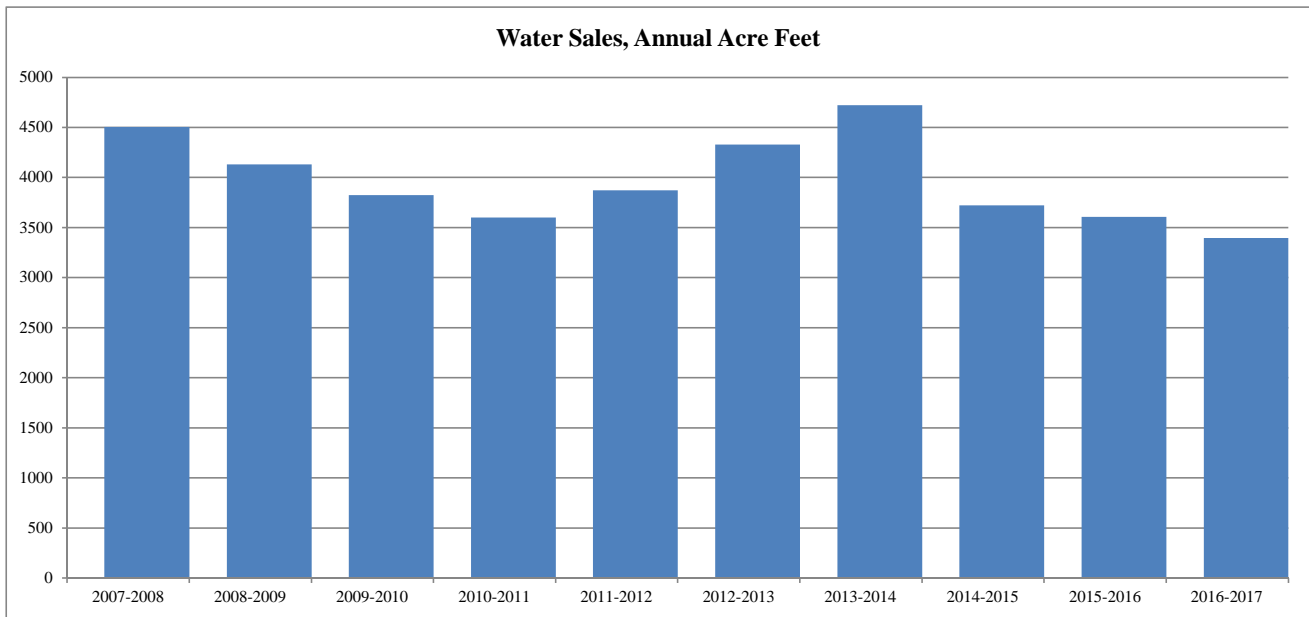
NOTE:

1. Monthly charges were included in water sales revenue until fiscal year 2009.

**Carpinteria Valley Water District
Revenue Base
Last Ten Fiscal Years**

Schedule 5

Fiscal Year	Water Sales (acre feet)
2007-2008	4,507
2008-2009	4,131
2009-2010	3,825
2010-2011	3,602
2011-2012	3,873
2012-2013	4,329
2013-2014	4,725
2014-2015	3,723
2015-2016	3,607
2016-2017	3,396



Source: *Carpinteria Valley Water District*

**Carpinteria Valley Water District
Revenue Rates
Last Ten Fiscal Years**

Schedule 6

	Fiscal Year									
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 ⁵
Monthly Service Charges ^{1,2}										
Meter Size										
5/8"	28.25	28.56	29.40	31.23	30.79	30.79	31.37	33.01	37.88	42.83
3/4"	28.25	28.56	29.40	31.23	30.79	30.79	31.37	33.01	37.88	42.83
1"	47.08	47.60	49.00	52.05	51.31	51.31	52.28	55.01	63.13	71.38
1 1/2"	94.15	95.20	98.00	104.10	102.60	102.60	104.55	110.00	126.25	142.75
2"	150.64	152.32	156.80	166.56	164.16	164.16	167.28	176.00	198.72	221.12
3"	301.31	304.64	313.60	333.12	328.32	328.32	334.56	352.00	404.00	456.80
4"	470.75	476.00	490.00	520.50	513.00	513.00	522.75	550.00	631.25	713.75
6"	941.65	952.00	980.00	1,041.00	1,026.00	1,026.00	1,045.50	1,100.00	1,262.50	1,427.50
Water Usage Charges (per HCF) ³										
User Type										
Residential										
Base	2.78	3.00	3.11	3.00	3.00	3.00	3.05	3.22	3.80	4.33
Mid	3.45	3.70	3.85	3.85	3.85	3.85	3.92	4.15	4.95	5.45
Peak	3.89	4.15	4.32	4.85	4.85	4.85	4.94	5.52	6.90	5.45
Commercial/Business										
Base	3.63	3.00	3.11	3.00	3.00	3.00	3.05	3.22	3.80	4.33
Mid		3.70	3.85	3.85	3.85	3.85	3.92	4.15	4.95	5.45
Peak		4.15	4.32	4.85	4.85	4.85	4.94	5.52	6.90	5.45
Agricultural ⁴										
Tier 1	1.67	1.70	1.74	1.70	1.70	1.70	1.72	1.86	2.32	2.61
Tier 2								1.92	2.65	
Tier 3								1.99	2.90	

Source: Carpinteria Valley Water District

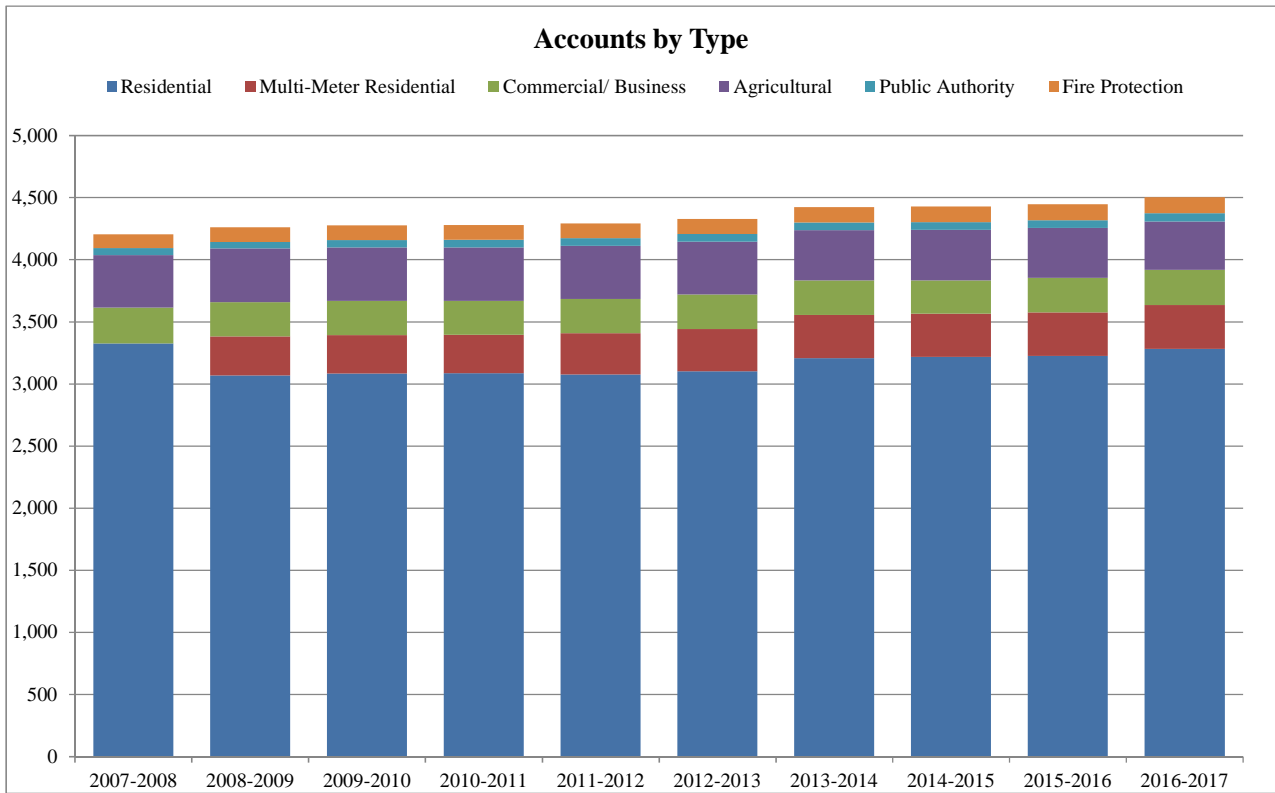
NOTES:

1. Excludes rates for Fire meters.
2. Monthly Service Charges include basic, State Water Project and drought charges, and exclude Capital Improvement Program (CIP) charges. CIP charges are calculated individually based on average usage history, and in fiscal year 2017 ranged from \$16.50 to \$275.00 per month.
3. Water Usage Charges include basic and drought charges.
4. Temporary Agricultural tiered rates were implemented 07/01/2014 and rescinded 06/30/2016.

**Carpinteria Valley Water District
Accounts by Type
Last Ten Fiscal Years**

Schedule 7

Fiscal Year	Residential	Multi-Meter Residential ¹	Commercial/ Business	Agricultural	Public Authority	Fire Protection	Total Accounts
2007-2008	3,325		289	423	56	112	4,205
2008-2009	3,069	315	275	431	52	119	4,261
2009-2010	3,085	309	276	428	59	119	4,276
2010-2011	3,086	309	275	429	61	119	4,279
2011-2012	3,077	332	276	428	61	119	4,293
2012-2013	3,101	340	278	427	61	120	4,327
2013-2014	3,207	349	277	404	62	125	4,424
2014-2015	3,218	347	269	406	62	126	4,428
2015-2016	3,226	350	279	401	62	128	4,446
2016-2017	3,283	351	284	389	68	128	4,503



Source: Carpinteria Valley Water District

NOTE:

1. Multi-meter residential customers were combined with residential customers through fiscal year 2008

**Carpinteria Valley Water District
Ratios of Outstanding Debt
Last Ten Fiscal Years**

Schedule 8

Fiscal Year	Loans Payable	Bonds Payable	Notes Payable	Debt	Total	
					Per District Resident ¹	As a Share of Personal Income ²
2007-2008	19,971,820	10,640,000	-	30,611,820	1,950	4.72%
2008-2009	19,688,618	10,390,000	-	30,078,618	1,928	4.67%
2009-2010	16,702,455	17,600,844	-	34,303,299	2,214	5.36%
2010-2011	16,105,893	17,385,844	-	33,491,737	2,154	6.77%
2011-2012	15,652,974	17,235,844	-	32,888,818	2,108	6.53%
2012-2013	15,104,367	17,135,844	-	32,240,211	2,060	4.60%
2013-2014	14,538,804	17,030,844	-	31,569,648	2,010	4.25%
2014-2015	13,959,099	16,846,732	-	30,805,831	1,972	3.97%
2015-2016	8,821,990	18,941,219	-	27,763,209	1,775	3.43%
2016-2017	8,212,916	18,486,197	-	26,699,113	-	-

NOTE:

1. District population is interpolated from data reported by City of Carpinteria and is not available at the time of this report for fiscal year 2016-2017.
2. District personal income is interpolated from data reported by City of Carpinteria and is not available at the time of this report for fiscal year 2016-2017.

**Debt Coverage
Last Ten Fiscal Years**

Schedule 9

<u>Fiscal Year</u>	<u>Operating Revenues</u>	<u>Operating Expenses</u> ¹	<u>Net Available Revenues</u>	<u>Debt Service</u>			<u>Coverage Ratio</u>
				<u>Principal</u> ²	<u>Interest</u>	<u>Total</u>	
2007-2008	11,274,957	7,427,172	\$ 3,847,785	\$ 699,649	397,807	\$ 1,097,456	3.51
2008-2009	10,778,110	8,053,240	2,724,870	726,400	978,503	1,704,903	1.60
2009-2010	10,431,187	7,304,093	3,127,094	675,752	943,470	1,619,222	1.93
2010-2011	10,266,100	7,913,220	2,352,880	811,562	782,159	1,593,721	1.48
2011-2012	11,180,994	7,995,513	3,185,481	681,989	730,862	1,412,851	2.25
2012-2013	12,004,241	7,890,100	4,114,141	648,606	737,289	1,385,895	2.97
2013-2014	12,135,216	8,721,459	3,413,757	670,563	774,035	1,444,598	2.36
2014-2015	11,208,421	8,552,192	2,656,229	694,705	759,393	1,454,098	1.83
2015-2016	12,418,906	9,673,251	2,745,655	704,206	907,548	1,611,754	1.70
2016-2017	12,651,107	8,746,862	3,904,245	964,075	442,207	1,406,282	2.78

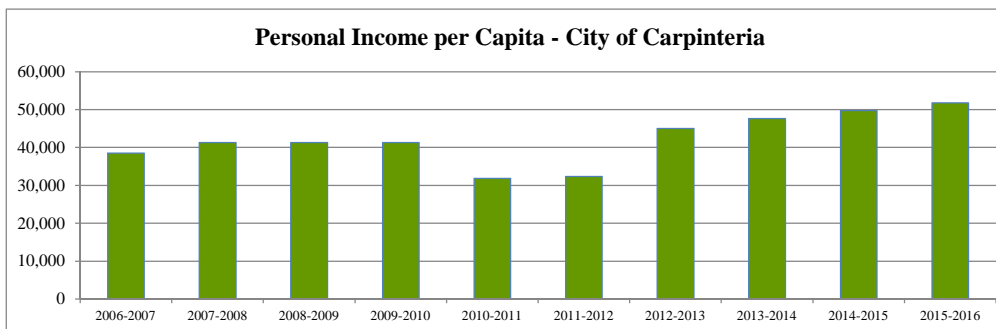
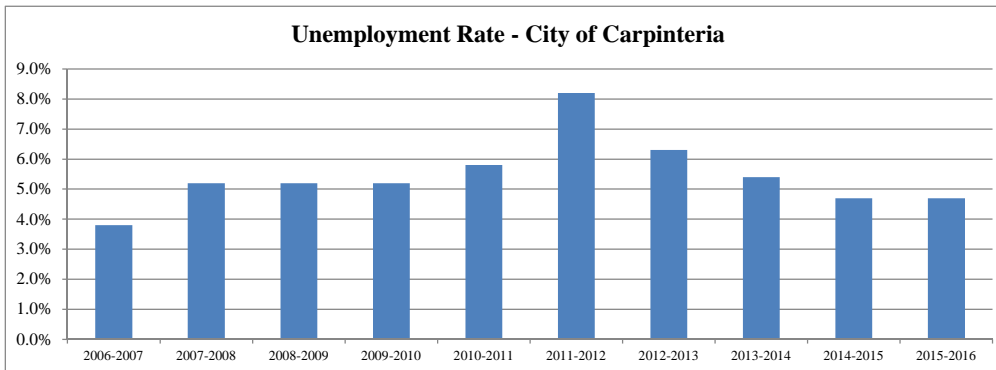
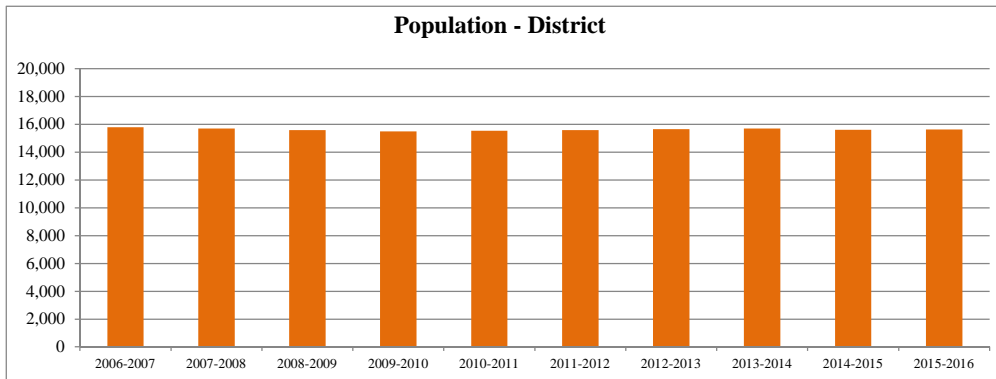
NOTES:

1. Operating expenses exclude depreciation and amortization.
2. Principal payments exclude payments associated with refinancing.

**Carpinteria Valley Water District
Demographics and Economics Statistics
Last Ten Fiscal Years**

Schedule 10

Fiscal Year	District	City of Carpinteria ³			
	Population ²	Population	Unemployment Rate	Personal Income (\$ millions)	Personal Income per Capita
2006-2007	15,803	14,123	3.8%	543.7	38,500
2007-2008	15,700	14,271	5.2%	589.4	41,300
2008-2009	15,597	14,409	5.2%	595.1	41,300
2009-2010	15,494	14,528	5.2%	600.0	41,300
2010-2011	15,547	14,103	5.8%	442.7	31,837
2011-2012	15,600	13,076	8.2%	422.4	32,302
2012-2013	15,653	13,099	6.3%	589.5	45,000
2013-2014	15,706	13,442	5.4%	639.8	47,600
2014-2015	15,619	13,547	4.7%	673.3	49,700
2015-2016 ¹	15,644	14,912	4.7%	772.4	51,800



NOTES:

1. The latest fiscal year for which data is available.
2. District population is estimated based on City of Carpinteria, census and American FactFinder data.
3. City of Carpinteria data is updated annually and is assumed to be representative of the District's conditions and experience.

**Carpinteria Valley Water District
Operating and Capacity Indicators
Last Ten Fiscal Years**

Schedule 11

	Fiscal Year									
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-2017
Number of Employees	18	19	18	18	19	19	20	19	19	20
Number of Accounts	4,205	4,261	4,276	4,279	4,293	4,327	4,424	4,428	4,501	4,503
Service Area (Acres)	11,288	11,288	11,288	11,288	11,288	11,288	11,288	11,288	11,288	11,288
Population Served ¹	15,700	15,597	15,494	15,547	15,600	15,653	15,706	15,619	15,644	
Miles of Pipeline	79.05	79.24	79.37	79.48	79.57	81.50	81.51	81.51	82.06	82.06
Number of Storage Tanks	4	4	4	4	4	4	4	4	4	4
Gallons of Storage Capacity (millions of gallons)	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55	17.55
Number of Active Wells	2	2	2	2	3	3	3	3	3	3
Number of Treatment Plants	1	1	1	1	1	2	2	2	2	2

Source: Carpinteria Valley Water District

NOTE:

1. Data not available for Fiscal Year 2016-17