

*Service Beyond Expectation*

**Comprehensive Annual Financial Report  
Fiscal Year Ended June 30, 2015  
Rancho Cucamonga, CA**







# Comprehensive Annual Financial Report

## Fiscal Year Ending

June 30, 2015

## CUCAMONGA VALLEY WATER DISTRICT

10440 Ashford Street  
Rancho Cucamonga, CA 91730

General Manager/CEO  
*Martin E. Zvirbulis, PE*

Assistant General Manager/  
Chief Financial Officer  
*Carrie Corder, CPA*

Assistant General Manager  
*Jo Lynne Russo-Pereyra*

Assistant General Manager/  
Chief Operating Officer  
*John Bosler, PE*

Prepared by Finance Division:

Finance Manager  
*Chad Brantley, CPA*

Accounting Supervisor  
*Agnes Boros, CPA*

Accountant  
*Jennifer Fillinger, CPA*

**Cucamonga Valley Water District  
Comprehensive Annual Financial Report  
Fiscal Year Ending June 30, 2015**

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# **Introductory Section**





**CUCAMONGA VALLEY WATER DISTRICT**  
10440 Ashford Street  
Rancho Cucamonga, CA 91730  
(909) 987-2591 Fax (909) 476-8032

Martin E. Zvirbulis  
Secretary / General Manager/CEO

November 10, 2015

Members of the Board of Directors  
Cucamonga Valley Water District

## **Introduction**

State law requires that every general-purpose government publish within six months of the close of each fiscal year a complete set of audited financial statements. This report is published to fulfill that requirement for the fiscal year ended June 30, 2015.

Management assumes full responsibility for the completeness and reliability of the information contained in this report, based upon a comprehensive framework of internal control that it has established for this purpose. Because the cost of internal control 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.

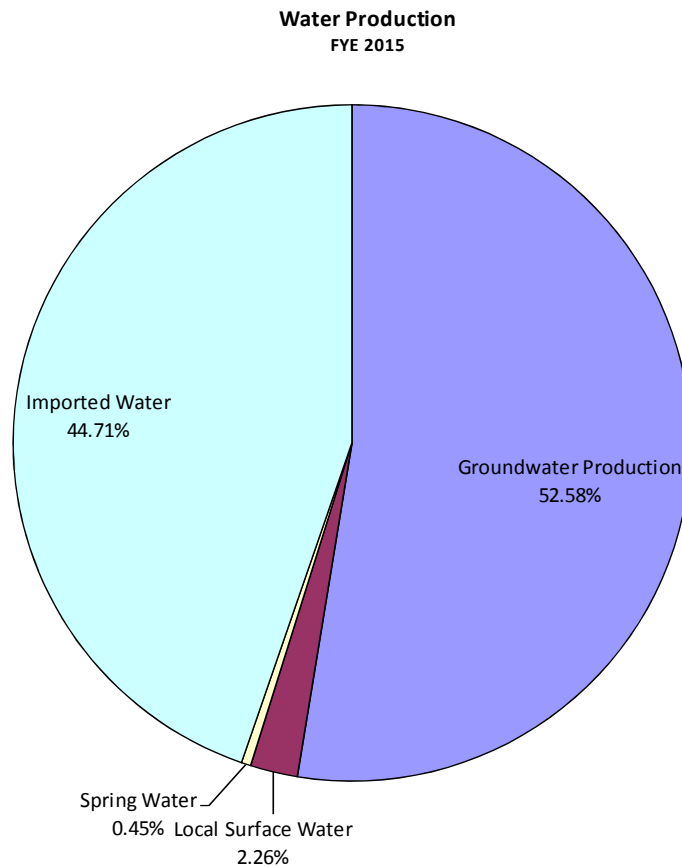
Lance, Soll & Lungard, LLP has issued an unmodified (“clean”) opinion on the District’s financial statements for the year ended June 30, 2015. The independent auditor’s report is located at the front of the financial section of this report.

Management’s discussion and analysis (MD&A) immediately follows the independent auditor’s report and provides a narrative introduction, overview, and analysis of the basic financial statements. MD&A complements this letter of transmittal and should be read in conjunction with it.

## **Profile of the District**

The Cucamonga Valley Water District (the “District” or “CVWD”) is an independent special district that operates under the authority of Division 12 of the California Water Code. The District was incorporated on March 25, 1955, and is governed by a five-member, elected Board of Directors. The District provides water, wastewater, and recycled water services to a population of approximately 189,000 within its 47 square mile service area, which is located in the western area of San Bernardino County, California. The District encompasses the majority of the community of Rancho Cucamonga and portions of the cities of Fontana, Ontario, Upland, and some of the unincorporated areas of San Bernardino County.

Residential customers make up approximately 89% of the District’s customer base and consume approximately 57% of the water produced annually by the District. The District currently has a total of 29 groundwater wells, of which 21 are in service with a maximum production capacity of approximately 38,195 gallons per minute (or an annual production equivalent of 61,609 acre-feet). In addition, the District has surface and subsurface water rights in four local canyon watersheds with an annual production in 2015 of 1,292 acre-feet. Lastly, untreated imported water from the Sacramento-San Joaquin River Delta through the State Water Project makes up the third source of water available to the District. In 2015, the District purchased 21,306 acre-feet of imported water. The following chart illustrates the water production sources.



Uncertainty due to the drought may impact the Metropolitan Water District of Southern California (MWD or Metropolitan) service area and main supply sources, as well as the court order decisions affecting State Water Project operations has raised the possibility that Metropolitan may not have access to the supplies necessary to meet total demands at some point in the future and may have to allocate shortages in supplies to the member agencies. As a result, the District has secured local groundwater resources from other purveyors in the Chino Basin for future use and has increased its use of recycled water.

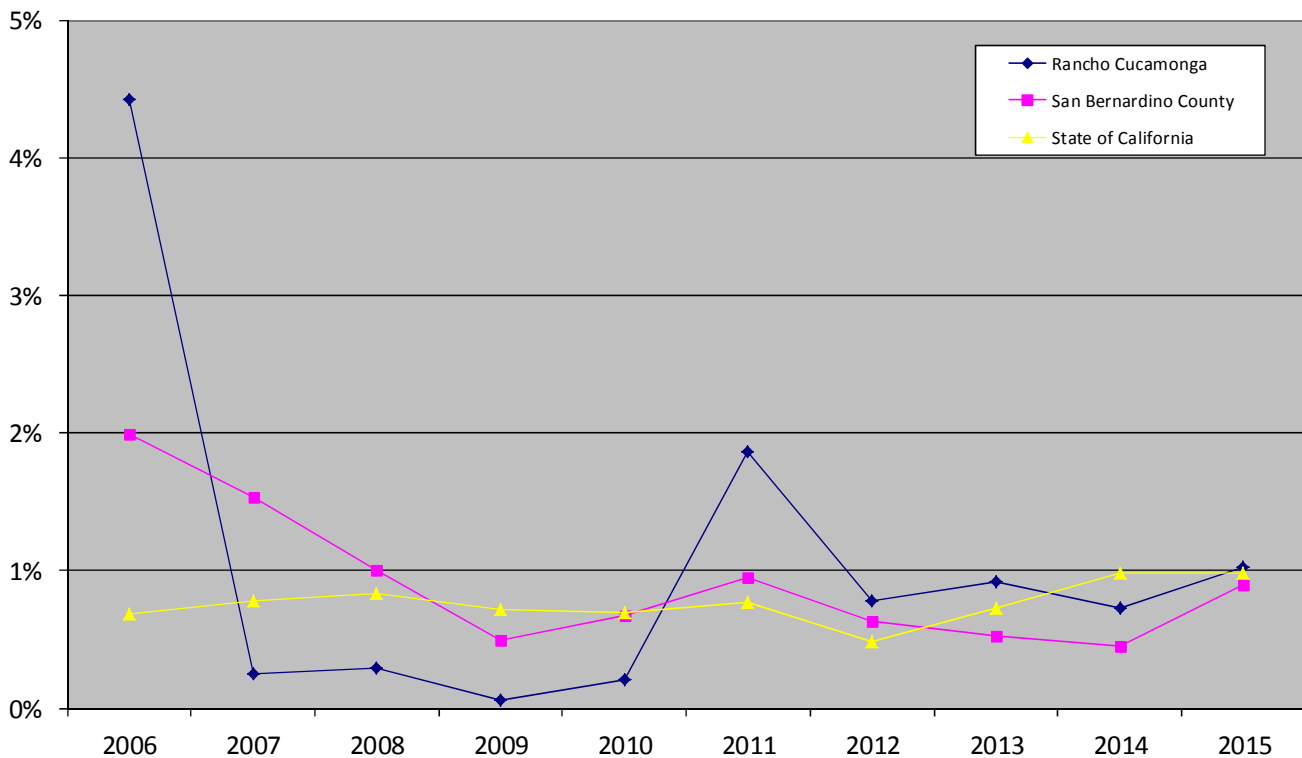
**Fiscal Management**

The District Board of Directors annually adopts an operating and capital budget prior to the new fiscal year. The budget authorizes and provides the basis for reporting and control of financial operations and accountability for the District’s enterprise functions, including the Water Utility Fund, Sewer Utility Fund, and Recycled Water Utility Fund. The budget and reporting treatment applied to each fund is consistent with the accrual basis of accounting and the financial statement basis. Each year the District adopts a balanced budget.

**Local Economy**

The District office is located in the City of Rancho Cucamonga in San Bernardino County. Rancho Cucamonga is considered a premiere city in the Inland Empire area of California. The District population is projected to increase to approximately 215,100 in 2035, when the District is expected to be fully built out. The community is located 37 miles east of downtown Los Angeles. The following chart highlights the growth of the City of Rancho Cucamonga, the County of San Bernardino, and the State of California.

10 Year Population Growth Rate  
 Rancho Cucamonga vs County & State



The economics of the communities served by the District are heavily influenced by a multitude of factors. Historically, the construction industry has led the job growth in the Inland Empire. Since the economic downturn, construction industry job growth has improved; however, it has still not fully recovered. On the other hand, growth in logistics has led to job creation in the land-rich Inland Empire. In addition, the health care and manufacturing industries have also demonstrated job growth in the Inland Empire.

The Inland Empire consists of 52 cities within the counties of Riverside and San Bernardino. As far as the number of customers served by the District the top two cities are Rancho Cucamonga and Fontana. In 2014, the Department of Finance released population data that indicates that the City of Fontana is third largest in the region followed by the City of Rancho Cucamonga as fifth. The San Bernardino Assessor’s office reported that the City of Rancho Cucamonga has the second highest assessed valuation in the region followed by Fontana as the fifth highest. Clearly, these two cities served by CVWD are strong contributors to the economic engine of the Inland Empire.

According to the State of California Employment Development Department, in 2006 the unemployment rate in Rancho Cucamonga was at a ten-year low of 3.1%. However, unemployment rates increased to a high of 9.4% in 2010. Unemployment has since fallen to a rate of 4.8% in June of 2015, which is lower than the region as well as the state of California.

California’s water supply continues to be a concern due to drought conditions and projected population increases. This concern has increased interest in recycled water for groundwater replenishment purposes. The District has expanded and will continue to expand its conservation efforts and the use of local sources such as groundwater and canyon water. Such expansions will decrease the District’s dependence on imported water and increase water source reliability. The District will also continue to work with local and regional water suppliers in planning and constructing other water delivery systems throughout its service area.

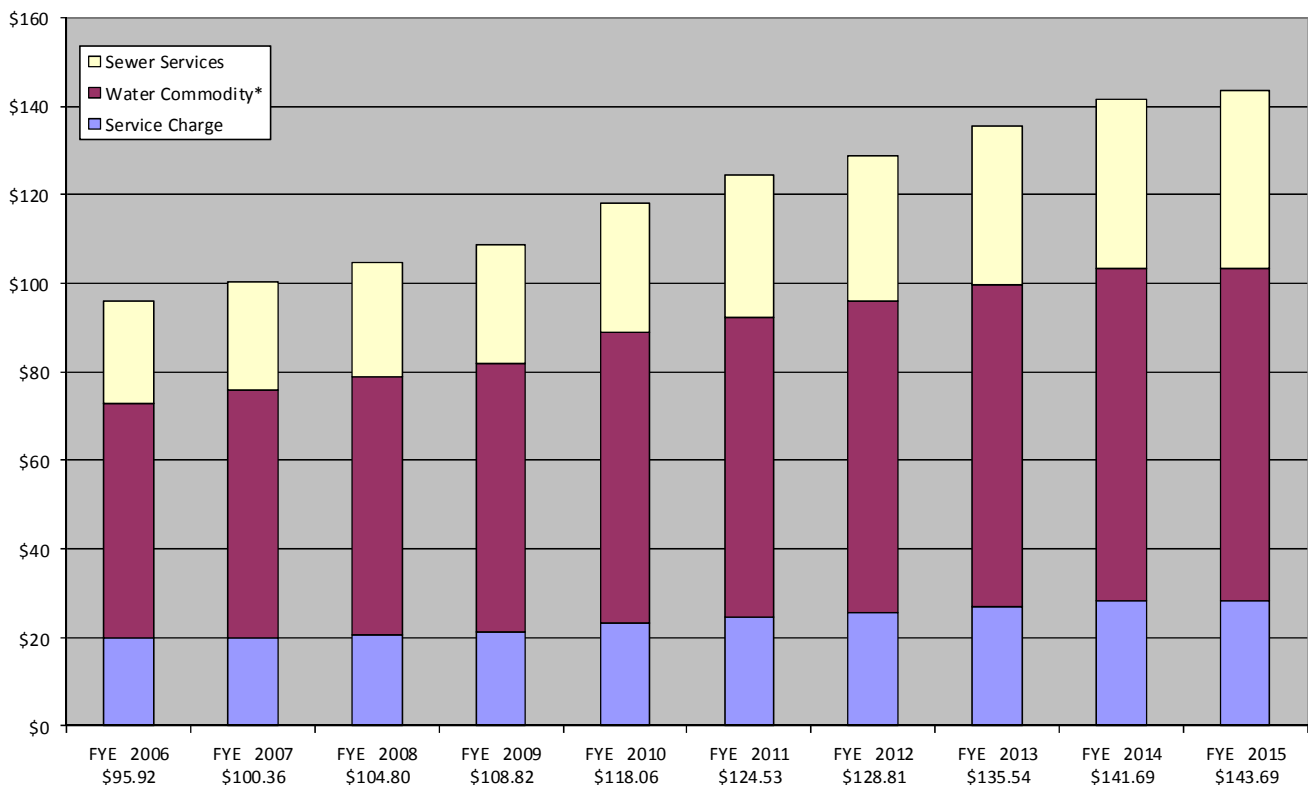
## Service Beyond Expectation

During the past five years, the District’s customer base has grown slowly at around 0.5% per year. Water production increased each year from 2011 through 2014 but fell significantly in 2015. Improvements in economic conditions and less rainfall in 2013 and 2014 contributed to the increased demand for water in those years causing annual usage per customer to rise as high as 1.14 acre feet. However, in 2015 water production per customer fell to 0.98 acre feet. This decrease in water usage is consistent with the statewide drought messaging that began in August 2014 and culminated with the Governor’s executive order on April 1, 2015.

During the years 2011 through 2014, water sales revenues increased by approximately 7.5% per year on average, then fell by 13.5% in 2015. Water rate increases of about 5% per year account for the majority of the changes with water usage fluctuations accounting for the remaining difference. Meter charge revenue has increased by approximately 5.2% per year on average and water service revenue has increased 2% per year on average.

The District’s policy direction ensures that all revenues from user charges generated from District customers must support all District operations including capital project funding. The District does not receive property tax subsidies. Water, recycled water, and sewer rates are user charges imposed on customers for services and are the primary component of the District’s revenue. Water and recycled water rates are composed of a fixed meter charge and a commodity (usage) charge. Sewer rates are billed based on a unit of measure called an equivalent dwelling unit (EDU), which is equivalent to the amount of wastewater flow from a single-family household. The District bills each residential customer a fixed charge for each EDU billed. The following chart illustrates the average bi-monthly utility bill.

**Average Residential Bi-Monthly Bill by Year**



\* Based on water service supplied by a 3/4" water meter and using 42 hcf per billing period (1 hcf = 748.10 gallons)

**Long-term Financial Planning**

The District’s financial plan includes the establishment of reserve funds in accordance with the District’s Reserve and Benchmark Policy. Reserve funds are set to ensure the continued orderly operation of the District’s water, recycled water and sewer systems, the provision of services to customers at established levels, and the continued stability of the District’s rate structure. The District has committed to the following funds and objectives in the Reserve Policy; as of June 30, 2015.

1. The District will strive to adopt balanced budgets in all operating funds.
2. Capital Reserves are established to provide funds for capital facility and equipment replacement.
3. Liquidity Reserves are established to safeguard the financial flexibility and stability of the District and to maintain stable customer charges and rates.
4. Restricted Reserves are maintained to comply with restrictions imposed by outside sources such as creditors, grantors, contributors, laws, or regulations.

*Debt Administration*

The District has earned and maintained for 2015 a debt rating of “AA” on the five Certificates of Participation and “AA-” on the Revenue Bonds from Standard and Poor’s . The District’s outstanding debt as of June 30, 2015 consists of four Certificate of Participation Issuances (C.O.P.’s) and two Revenue Bonds, as follows:

<b>Year of Issuance</b>	<b>Use of Proceeds</b>
2006 C.O.P.’s	Provided funds for expansion of the District’s administrative facilities, well and reservoir acquisition, and other improvements to District facilities.
2009 C.O.P.’s	Provided funds for construction of the Frontier Project, well and reservoir acquisition, and other improvements to District facilities.
2009 Clean Renewable Energy Bonds	Provided funding related to renewable energy installations in the District’s Frontier Project building
2011 C.O.P.’s	Provided funds to defease the 2000 C.O.P.’s and the 2001 C.O.P.’s.
2012 Revenue Bonds	Provided funds for construction of improvements to water treatment plants and other District facilities.
2014 Revenue Bonds	Provided funds for construction of improvements to water treatment plants and other District facilities. Also used to payoff 2003 C.O.P.

**Relevant Financial Policies**

*Internal Control Structure*

District management is responsible for the establishment and maintenance of the internal control structure that ensures that the assets of the District are protected from loss, theft, or misuse. The internal control structure also ensures that adequate accounting data are compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The District’s internal control structure is designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived and (2) the valuation of costs and benefits requires estimates and judgments by management.

## Major Initiatives

The activities of the Board and staff at the District are driven by our mission statement, ***To Provide High-Quality, Safe, and Reliable Drinking Water and Wastewater Services, While Practicing Good Stewardship of Natural and Financial Resources.***

In addition to our mission, major District initiatives are guided by our Strategic Vision. The Strategic Vision was developed nearly seven years ago and is continually re-tooled to ensure it is reflective of our changing environment, opportunities and trends within our industry.

In 2012, the District refined its focus and direction to identify what areas that is of great importance to our organization, customers and stakeholders. The primary areas of focus include ***Service, Water and People.*** ***Service*** relates to the identification of the needs of our customers and stakeholders that meets and exceeds their expectations. ***Water*** is the essential service that our organization provides and our ability to provide it consistently and at a reasonable price is imperative. The District has upgraded the treatment processes at the Lloyd Michael Water Treatment Plant (LMWTP), which will ensure our ability to meet changing regulatory requirements while continuing to provide high quality water to our customers. ***People*** are identified as the customers that we serve and the dedicated staff that provides the services to support our mission. Externally, key areas of focus include communication, education and outreach. Internally, succession planning, training and improving communication with employees is essential to our continued success. It is apparent that programs that develop effective leadership skills and encourage high performance and personal accountability are essential to prepare the next generation of leaders in our organization and industry.

## Award for Excellence in Financial Reporting

The Government Finance Officers Association (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Cucamonga Valley Water District for its comprehensive annual financial report (CAFR) for the fiscal year ended June 30, 2014. This was the thirteenth consecutive year that the District has received this prestigious award. In order to be awarded a Certificate of Achievement, the District published an easily readable and efficiently organized CAFR. This report satisfied both GAAP and applicable legal requirements.

GFOA financial reporting guidelines and standards exceed the minimum disclosure requirements of state law, and provide for maximum disclosure to the public. A Certificate of Achievement is valid for a period of one year only. We believe that our current CAFR continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

## Acknowledgements

Preparation of this report was accomplished by the combined efforts of District staff. We appreciate the dedicated efforts and professionalism that these staff members contribute to the service of the District's customers. The contributions made by Chad Brantley, Finance Manager, Agnes Boros, Accounting Supervisor, and Jennifer Fillinger, Accountant, deserve special recognition. We would also like to thank and recognize the members of the Board of Directors and especially the Finance Committee members for their continued support in planning and implementation of the Cucamonga Valley Water District's fiscal policies.

Respectfully submitted,



Martin Zvirbulis  
General Manager/CEO



Carrie Corder  
Assistant General Manager / CFO

# ***Cucamonga Valley Water District Board of Directors and Executive Staff***



**James V. Curatalo, *President***



**Luis Cetina, *Vice President***



**Oscar Gonzalez, *Director***



**Randall James Reed, *Director***



**Kathleen Tiegs, *Director***

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**Martin Zvirbulis  
*General Manager/CEO***



**Jo Lynne Russo-Pereyra  
*Assistant General Manager***



**John Bosler  
*Assistant General Manager / COO***



**Carrie Corder  
*Assistant General Manager / CFO***



# Our Mission

To provide high quality, safe and reliable water and wastewater services, while practicing good stewardship of natural and financial resources.

## Vision

Description	Key Characteristics
<b>People</b> – Our staff is innovative, self-managed, and takes pride of ownership in their work product and providing exceptional service ensuring highly satisfied customers and stakeholders.	<ul style="list-style-type: none"> <li>• Innovative</li> <li>• Purposeful</li> <li>• Empowered</li> <li>• Well-informed</li> <li>• Invested</li> </ul>
<b>Service</b> – We are a servant-oriented organization and provide “Service Beyond Expectation” to our internal and external customers.	<ul style="list-style-type: none"> <li>• Dependable</li> <li>• Responsive</li> <li>• Pride in Quality and Standards</li> <li>• Concierge Model of Service</li> <li>• Value</li> </ul>
<b>Water</b> – We provide a high quality, sustainable water supply that is safe and reliable, while being delivered at a cost effective price.	<ul style="list-style-type: none"> <li>• Cost-Effective</li> <li>• High Quality</li> <li>• Sustainable</li> <li>• Reliable and diversified</li> <li>• Stewardship</li> </ul>



## Culture & Values

Description	Key Characteristics
<b>Accountability</b> – We take ownership of our actions and look for innovative solutions based ideas to improve our effectiveness and service to customers.	<ul style="list-style-type: none"> <li>• Ownership</li> <li>• Solution based thinking</li> <li>• Innovation</li> <li>• Shared responsibility</li> </ul>
<b>Communication</b> – We encourage an open form of communication that provides employees and customers with information to improve their knowledge about our business operations.	<ul style="list-style-type: none"> <li>• Timely, fluid messaging</li> <li>• Two-way communication</li> <li>• Listening</li> <li>• Focused and personalized</li> <li>• Technology driven</li> </ul>
<b>Customer Service</b> – Our internal and external customer service is provided with a cooperative and collaborative approach, exceeding customer expectations.	<ul style="list-style-type: none"> <li>• Internal/External</li> <li>• Cooperative and collaborative</li> <li>• Responsive team approach</li> <li>• Service Beyond Expectation</li> </ul>



Government Finance Officers Association

**Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting**

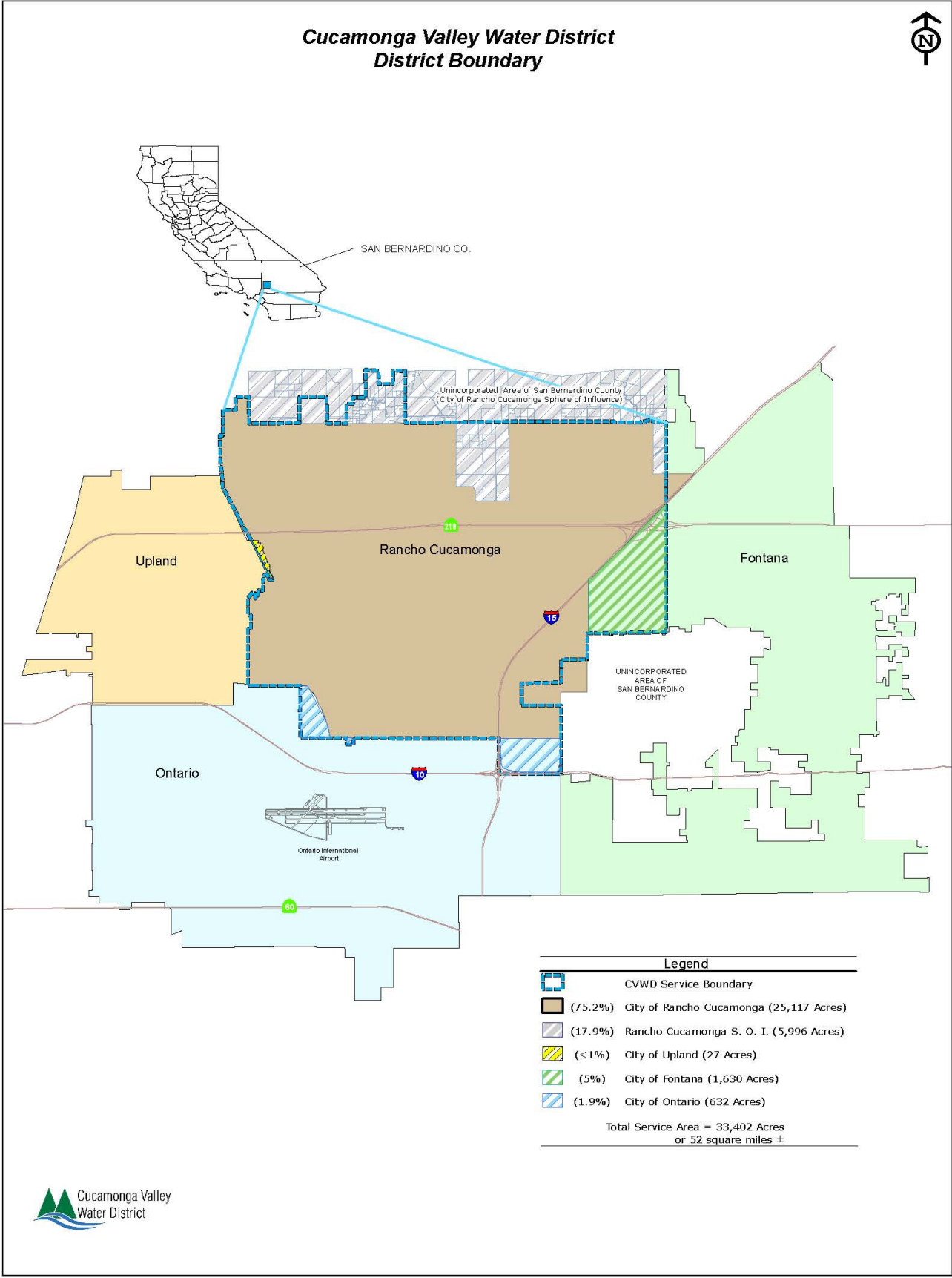
Presented to

**Cucamonga Valley Water District  
California**

For its Comprehensive Annual  
Financial Report  
for the Fiscal Year Ended

**June 30, 2014**

Executive Director/CEO



Updated 02/22/2008

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## INDEPENDENT AUDITORS' REPORT

Board of Directors  
Cucamonga Valley Water District  
Rancho Cucamonga, California

### **Report on Financial Statements**

We have audited the accompanying financial statements of each major fund of Cucamonga Valley Water District, California (the District) as of and for the year ended June 30, 2015, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

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

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

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

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

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

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



Board of Directors  
Cucamonga Valley Water District

## Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the each major fund of the Cucamonga Valley Water District, California (the District) as of June 30, 2015, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## Other Matters

### *Required Supplementary Information*

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

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's basic financial statements. The introductory section and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The introductory section and statistical section have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

## Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated November 6, 2015, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering District's internal control over financial reporting and compliance.

Brea, California  
November 6, 2015

## CUCAMONGA VALLEY WATER DISTRICT

### *Management's Discussion and Analysis*

For the Year Ended June 30, 2015

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This section of the District's annual financial report presents our analysis of the District's financial performance during the fiscal year that ended on June 30, 2015. Please read it in conjunction with the basic financial statements, which follow this section.

### **Financial Highlights**

- The District's net position increased by \$12,366 thousand or 4.28 percent.
- During the year the District's revenues decreased to \$85,272 thousand or -1.27 percent, while expenses decreased to \$75,535 thousand or -1.12 percent.
- Capital contributions to the District amounted to \$2,627 thousand.

### **Overview of the Financial Statements**

The discussion and analysis are intended to serve as an introduction to the District's basic financial statements. The District's basic financial statements comprise two components: Financial Statements and Notes to the Financial Statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

### **Required Financial Statements**

The financial statements of the District report information about the District using accounting methods similar to those used by private sector companies. These statements offer short-term and long-term financial information about its activities. The Statement of Net Position (page 10) includes all of the District's investments in resources (assets) and the obligations to creditors (liabilities). It also provides the basis for evaluating the capital structure of the District and assessing the liquidity and financial flexibility of the District. All of the current year's revenues and expenses are accounted for in the Statement of Revenues, Expenses and Changes in Net Position (page 11). This statement measures the success of the District's operations over the past year and can be used to determine whether the District has successfully recovered all its costs through its user fees and other charges, profitability, and credit worthiness. The final required financial statement is the Statement of Cash Flows (pages 12 and 13). The primary purpose of this statement is to provide information about the District's cash receipts and cash payments during the reporting period. The statement reports cash receipts, cash payments, and net changes in cash resulting from operations, investing, and financing activities and provides answers to such questions as where did cash come from, what was cash used for, and what was the change in cash balance during the reporting period.

### **Financial Analysis of the District**

Our analysis of the District begins on page 10 of the financial statements. One of the most important questions to ask about the District's finances is "Whether the District, as a whole, is better off or worse off as a result of the year's activities?" The Statement of Net Position, and the Statement of Revenues, Expenses and Changes in Net Position report information about the District's activities in a way that will help answer this question. Measuring the change in the District's net position - the difference between assets and liabilities - is one way to measure financial health. Over time, increases or decreases in the District's net position are one indicator of whether its financial health is improving or deteriorating. However, one will need to consider other non-financial factors such as changes in economic conditions, population growth, zoning and new or changed government legislation.

**CUCAMONGA VALLEY WATER DISTRICT***Management's Discussion and Analysis, continued*

For the Year Ended June 30, 2015

**Condensed Statement of Net Position**

To begin our analysis, a summary of the District's Statements of Net Position are presented in Table A-1.

TABLE A-1  
Condensed Statements of Net Position  
(In thousands of dollars)

	<b>Fiscal Year 2015</b>	<b>Fiscal Year 2014</b>	<b>Dollar Change</b>	<b>Total Percent Change</b>
Current and Noncurrent Assets	\$ 140,954	\$ 148,745	\$ (7,791)	(5.24)%
Capital Assets	409,431	400,199	9,232	2.31%
<b>Total Assets</b>	<b>550,385</b>	<b>548,944</b>	<b>1,441</b>	<b>0.26%</b>
Deferred outflows of resources	5,795	3,493	2,302	65.90%
Long-term Liabilities	220,358	228,232 <sup>(1)</sup>	(7,874)	(3.45)%
Other Liabilities	30,868	35,067	(4,199)	(11.97)%
<b>Total Liabilities</b>	<b>251,226</b>	<b>263,299</b>	<b>(12,073)</b>	<b>(4.59)%</b>
Deferred inflows of resources	3,450	-	3,450	N/A
Net investment in Capital Assets	219,737	212,124	7,613	3.59%
Unrestricted	81,767	77,014 <sup>(1)</sup>	4,753	6.17%
<b>Total Net Position</b>	<b>\$ 301,504</b>	<b>\$ 289,138</b>	<b>\$ 12,366</b>	<b>4.28%</b>

Note (1) Beginning Net Position and long-term liabilities have been restated due to prior period adjustments

As can be seen from the table above, net position increased \$12,366 thousand to \$301,504 thousand in fiscal year 2015, up from \$289,138 thousand in fiscal year 2014. The decrease in Current and Noncurrent Assets can be primarily attributed to a decrease in restricted cash and cash equivalents which is due to funds being expended for capital improvement projects. Conversely, Capital Assets increased due to this investment in capital improvement projects. Long term liabilities decreased due the net effect of issuing the 2014 Revenue Bond, which refunded the 2003 and a portion of the 2009 Certificates of Participation, and to regular principal repayment of the remaining Certificates of Participation, Revenue Bonds, capital leases, loan, and pension liabilities (see Note 7 to the Basic Financial Statements).

**Statement of Revenues, Expenses and Changes in Net Position**

TABLE A-2  
Condensed Statements of Revenues, Expenses and Changes in Net Position  
(In thousands of dollars)

	Fiscal Year <u>2015</u>	Fiscal Year <u>2014</u>	Dollar Change	Total Percent Change
Operating Revenues:				
Water Sales	\$ 46,811	\$ 54,135	\$ (7,324)	(13.53)%
Meter Charges	13,442	12,815	627	4.89%
Water Services	1,244	1,248	(4)	(0.32)%
Sewer Services	16,407	15,229	1,178	7.74%
Nonoperating Revenues:				
Investment income	755	930	(175)	(18.82)%
Rent and lease revenue	405	376	29	7.71%
Gain on disposal of assets	84	-	84	100.00%
Other nonoperating revenue	<u>6,124</u>	<u>1,634</u>	<u>4,490</u>	274.79%
Total Revenues	<u>85,272</u>	<u>86,367</u>	<u>(1,095)</u>	(1.27)%
Operating Expenses:				
Source of supply	17,671	21,287	(3,616)	(16.99)%
Pumping operations	6,933	5,708	1,225	21.46%
Water treatment	3,270	3,431	(161)	(4.69)%
Transmission and distribution	3,399	3,437	(38)	(1.11)%
Collection and transmission	13,326	11,623	1,703	14.65%
Customer accounts	2,173	2,116	57	2.69%
General and administrative	10,473	10,480	(7)	(0.07)%
Depreciation and amortization	10,337	9,811	526	5.36%
Nonoperating Expenses:				
Interest expense	6,815	7,322	(507)	(6.92)%
Amortization of deferred bond costs and refunding	151	(303)	454	(149.83)%
Loss on disposal of assets	-	16	(16)	(100.00)%
Other nonoperating expenses	<u>985</u>	<u>1,461</u>	<u>(476)</u>	(32.58)%
Total Expenses	<u>75,533</u>	<u>76,389</u>	<u>(856)</u>	(1.12)%
Net Income/(Loss) Before				
Capital Contributions	9,739	9,978	(239)	(2.40)%
Capital Contributions	<u>2,627</u>	<u>5,353</u>	<u>(2,726)</u>	(50.92)%
Changes in Net Position	12,366	15,331	(2,965)	(19.34)%
Beginning Net Position	<u>289,138</u> <sup>(1)</sup>	<u>273,807</u> <sup>(1)</sup>	<u>15,331</u>	5.60%
Ending Net Position	<u>\$ 301,504</u>	<u>\$ 289,138</u>	<u>\$ 12,366</u>	4.28%

Note (1) Beginning Net Position restated due to prior period adjustments

**CUCAMONGA VALLEY WATER DISTRICT**

*Management’s Discussion and Analysis, continued*

For the Year Ended June 30, 2015

While the Statements of Net Position show the change in financial position, the Statements of Revenues, Expenses and Changes in Net Position provides answers as to the nature and source of these changes. As can be seen in Table A-2 on page 5, net income before capital contributions of \$9,739 thousand and capital contributions of \$2,627 thousand were the sources of the increase in Net Position of \$12,366 thousand in fiscal year 2015.

A closer examination of the source of changes in net position reveals that the District’s revenues decreased by \$1,095 thousand to \$85,272 thousand in fiscal year 2015 from \$86,367 thousand in fiscal year 2014 due primarily to decreases in operating revenues. In particular, water sales decreased \$7,324 thousand due statewide drought messaging and to a State Government mandated water conservation program announced on April 1, 2015. Meter charges increased \$627 thousand due to a slight increase in customer connections and a rate increase. The decrease in operating expenses is related to a decrease in imported water and electricity costs due to lower production and consumption. The prior period adjustment, decreasing beginning Net Position by \$21,076, is the result of the new accounting and financial reporting for pensions under GASB Statement No. 68.

**Operating Revenues – Water Sales**

TABLE A-2a  
Water Sales  
(In thousands of dollars)

	<b>Fiscal Year 2015</b>	<b>Fiscal Year 2014</b>	<b>Dollar Change</b>	<b>Total Percent Change</b>
Customer Type:				
Domestic	\$ 29,480	\$ 34,048	\$ (4,568)	(13.42)%
Irrigation and Landscape	11,251	12,625	(1,374)	(10.88)%
Other Water Agencies	2,893	4,228	(1,335)	(31.58)%
Industrial	2,399	2,281	118	5.17%
Construction	470	882	(412)	(46.71)%
Canyon Source Water	318	71	247	347.89%
<b>Total Water Sales</b>	<b>\$ 46,811</b>	<b>\$ 54,135</b>	<b>\$ (7,324)</b>	<b>(13.53)%</b>

Domestic water sales for the fiscal year 2015 decreased \$4,568 thousand due to drought messaging and to a State Government mandated water conservation program announced on April 1, 2015. This resulted in decreased water consumption compared to the previous year. Irrigation, landscape and industrial water sales also decreased due to the mandated water conservation. Sales to other water agencies decreased \$1,335 thousand due to decreased sales to San Gabriel Valley Water Company. Construction water sales decreased \$412 due to a reduction of building activity in the service area.

## CUCAMONGA VALLEY WATER DISTRICT

Management's Discussion and Analysis, continued

For the Year Ended June 30, 2015

### Capital Asset Administration

At June 30, 2015, the District had invested \$409,431 thousand in a broad range of infrastructure as shown in Table A-3.

TABLE A-3  
Capital Assets  
(In thousands of dollars)

	Fiscal Year 2015	Fiscal Year 2014	Dollar Change	Total Percent Change
<b>Non-Depreciable Assets:</b>				
Land	\$ 4,565	\$ 4,565	\$ -	0.00%
Water Rights	92,908	92,872	36	0.04%
Construction in Progress	<u>59,545</u>	<u>45,004</u>	<u>14,541</u>	32.31%
Total Non-Depreciable Assets	<u>157,018</u>	<u>142,441</u>	<u>14,577</u>	10.23%
<b>Depreciable Assets:</b>				
Intangibles	298	299	(1)	(0.33)%
Source of Supply	24,229	24,211	18	0.07%
Pumping Plant	18,134	18,051	83	0.46%
Transmission and Distribution	192,343	189,923	2,420	1.27%
Treatment plant	59,121	58,269	852	1.46%
General Water	47,220	46,757	463	0.99%
Wastewater Reclamation	5,570	5,557	13	0.23%
Pumping Station	105	98	7	7.14%
Collection and Transmission	67,827	67,374	453	0.67%
General Sewer	9,345	9,198	147	1.60%
General Frontier Project	<u>105</u>	<u>100</u>	<u>5</u>	5.00%
Total Depreciable Assets	424,297	419,837	4,460	1.06%
Less: Accumulated Depreciation	<u>(171,884)</u>	<u>(162,079)</u>	<u>(9,805)</u>	(6.05)%
Net Depreciable Assets	<u>252,413</u>	<u>257,758</u>	<u>(5,345)</u>	(2.07)%
Total Capital Assets, Net	<u>\$ 409,431</u>	<u>\$ 400,199</u>	<u>\$ 9,232</u>	2.31%

The following is a summary of some of the major improvements to the system during fiscal year 2015. This year's major capital asset additions include (in thousands of dollars):

Various water distribution mains	\$ 2,450
Various water treatment facilities	853
Buildings and equipment	776
Various developer water and sewer infrastructure	672
Various sewer collection and transmission mains	453
Pumps and pumping equipment	416
Wells	18
Recycled water distribution mains and connections	15

## CUCAMONGA VALLEY WATER DISTRICT

### Management's Discussion and Analysis, continued

For the Year Ended June 30, 2015

In table A-4, the District's fiscal year 2016 Capital Budget projects spending another \$48,302 thousand for capital projects, principally for groundwater treatment, pumps and pumping equipment, new water and sewer mains, and reservoir improvements. The District believes these projects can be financed from available resources provided by projected cash flows and proceeds from debt issuances. More information about the District's Capital Assets is presented in Note 5 of the Notes to Basic Financial Statements.

TABLE A-4  
Fiscal Year 2016 Capital Budget  
(In thousands of dollars)

Depreciable Assets:		
Source of Supply	\$	624
Pumping Plant		6,728
Reservoirs		6,570
Transmission and Distribution		9,176
Treatment plant		11,396
General Water		6,957
Recycled Water Distribution		300
Sewer Collection and Transmission		5,928
General Sewer		<u>623</u>
Total Depreciable Assets		48,302
Less: Accumulated Depreciation		<u>(9,700)</u>
Total Fiscal Year 2016 Capital Budget, Net	\$	<u><u>38,602</u></u>

### Debt Administration

During the year, the District's long-term debt decreased \$7,057 thousand which can be attributed the normal debt principal repayments, defeasance of the 2003 Certificate of Participation through the issuance of the 2014 Revenue Bond, and the additional reporting of pension plan obligations as required under GASB 68. Additional information on long term debt is presented in Note 7 to Basic Financial Statements.

TABLE A-5  
Long-Term Debt  
(In thousands of dollars)

	Fiscal Year 2015	Fiscal Year 2014*	Dollar Change
Net Certificates of Participation	\$ 146,875	\$ 164,184	\$ (17,309)
Net Revenue Bonds	53,506	40,797	12,709
Leases Payable	3,457	4,202	(745)
Loan Payable	519	553	(34)
Compensated Absences	1,777	1,697	80
Net OPEB Obligation	3,084	2,670	414
CalPERS Pension Plan Obligation	15,885	17,989	(2,104)
PARS Pension Plan Obligation	598	780	(182)
Excess Benefit Plan Obligation	<u>1,520</u>	<u>1,406</u>	<u>114</u>
Total Long-term debt	<u>\$ 227,221</u>	<u>\$ 234,278</u>	<u>\$ (7,057)</u>

\* The fiscal year 2014 balance has been restated due to implementation of GASB 68.

**Economic Factors and Next Year's Budget and Rates**

The District's Board of Directors and management considered many factors when setting the fiscal year 2015 budget, user fees, and charges.

These indicators were taken into consideration when adopting the District's budget for year 2016.

TABLE A-6  
 Fiscal Year 2015 Actual vs. Fiscal Year 2016 Budget  
 (In thousands of dollars)

	<b>Actual Fiscal Year 2015</b>	<b>Budget Fiscal Year 2016</b>	<b>Dollar Change</b>	<b>Total Percent Change</b>
Operating Revenues	\$ 77,904	\$ 77,768	\$ (136)	(0.17)%
Nonoperating Revenues	7,368	1,811	(5,557)	(75.42)%
<b>Total Revenues</b>	<b>85,272</b>	<b>79,579</b>	<b>(5,693)</b>	<b>(6.68)%</b>
Depreciation Expense	10,337	9,700	(637)	(6.16)%
Other Operating Expenses	57,245	55,317	(1,928)	(3.37)%
Nonoperating Expenses	7,951	15,143	7,192	90.45%
<b>Total Expenses</b>	<b>75,533</b>	<b>80,160</b>	<b>4,627</b>	<b>6.13%</b>
Net Income/(Loss) Before Capital Contributions	9,739	(581)	(10,320)	(105.97)%
Capital Contributions	2,627	3,570	943	35.90%
<b>Changes in Net Position</b>	<b>12,366</b>	<b>2,989</b>	<b>(9,377)</b>	<b>(75.83)%</b>
Beginning Net Position	289,138 <sup>(1)</sup>	301,504	12,366	4.28%
<b>Total Net Position</b>	<b>\$ 301,504</b>	<b>\$ 304,493</b>	<b>\$ 2,989</b>	<b>0.99%</b>

Note (1) Beginning Net Position restated due to prior period adjustments

**Contacting the District's Director of Financial and Administrative Services**

This financial report is designed to provide our customers and creditors with a general overview of the District finances and to demonstrate the District's accountability for the money it receives. If you have questions about this report or need additional financial information, please contact Carrie Corder, Assistant General Manager / CFO, at (909) 987-2591.

# CUCAMONGA VALLEY WATER DISTRICT

## Statement of Net Position

June 30, 2015

	Water Utility Fund	Sewer Utility Fund	Recycled Water Utility Fund	Frontier Project Foundation	Totals
<b>CURRENT ASSETS:</b>					
Cash and cash equivalents (note 2)	\$ 12,733,049	\$ 11,012,152	\$ -	\$ 72,662	\$ 23,817,863
Investments (note 2)	23,719,124	26,533,257	-	-	50,252,381
Customer receivables, net	15,094,072	1,559,973	164,376	-	16,818,421
Accounts receivable	7,254,311	819,249	-	-	8,073,560
Due from other funds (note 6)	692,883	-	-	-	692,883
Accrued interest	132,282	40,793	-	-	173,075
Prepaid expense and deposit	664,727	94,267	1,650	-	760,644
Inventories	2,148,817	-	-	-	2,148,817
<b>TOTAL CURRENT ASSETS</b>	<b>62,439,265</b>	<b>40,059,691</b>	<b>166,026</b>	<b>72,662</b>	<b>102,737,644</b>
<b>NONCURRENT ASSETS:</b>					
Restricted Cash and cash equivalents (note 2 & 3)	14,143,394	7,155,091	-	-	21,298,485
Water in storage (note 4)	16,197,846	-	-	-	16,197,846
Prepaid bond insurance	720,572	-	-	-	720,572
Capital assets (note 5):					
Non-depreciable capital assets	155,996,761	992,814	27,637	-	157,017,212
Depreciable capital assets, net	205,143,033	42,410,485	4,839,669	20,522	252,413,709
<b>TOTAL NONCURRENT ASSETS</b>	<b>392,201,606</b>	<b>50,558,390</b>	<b>4,867,306</b>	<b>20,522</b>	<b>447,647,824</b>
<b>TOTAL ASSETS</b>	<b>454,640,871</b>	<b>90,618,081</b>	<b>5,033,332</b>	<b>93,184</b>	<b>550,385,468</b>
<b>DEFERRED OUTFLOWS OF RESOURCES:</b>					
Pension plans deferred outflows (notes 7 & 15)	1,989,475	433,894	29,000	-	2,452,369
Deferred charge on refunding	3,342,870	-	-	-	3,342,870
<b>TOTAL DEFERRED OUTFLOWS OF RESOURCES</b>	<b>5,332,345</b>	<b>433,894</b>	<b>29,000</b>	<b>-</b>	<b>5,795,239</b>
<b>LIABILITIES:</b>					
Current:					
Accounts payable	4,976,536	3,305,998	76,389	3,430	8,362,353
Interest payable	2,962,415	-	-	-	2,962,415
Accrued expense payable	2,663,062	168,438	8,663	-	2,840,163
Unearned revenue	311,922	-	-	57,750	369,672
Customer deposits	1,624,295	-	-	-	1,624,295
Due to other funds (note 6)	-	-	692,883	-	692,883
Intergovernmental payable (note 8)	-	7,155,091	-	-	7,155,091
Lease payable (note 7)	768,751	-	-	-	768,751
Compensated absences payable (note 7)	700,323	142,548	11,022	-	853,893
Certificates of participation (note 7)	3,864,286	-	-	-	3,864,286
Revenue bonds (note 7)	1,340,000	-	-	-	1,340,000
Loans Payable (note 7)	-	-	34,409	-	34,409
<b>Total current liabilities</b>	<b>19,211,590</b>	<b>10,772,075</b>	<b>823,366</b>	<b>61,180</b>	<b>30,868,211</b>
Noncurrent:					
Net other post-employment benefits obligation (notes 7 & 16)	2,489,889	557,875	35,853	-	3,083,617
Net pension liability (notes 7 & 15)	14,606,488	3,190,325	205,899	-	18,002,712
Lease payable (note 7)	2,688,212	-	-	-	2,688,212
Compensated absences payable (note 7)	756,953	154,075	11,912	-	922,940
Certificates of participation, net (note 7)	143,010,526	-	-	-	143,010,526
Revenue bonds, net (note 7)	52,165,530	-	-	-	52,165,530
Loans Payable (note 7)	-	-	484,408	-	484,408
<b>Total noncurrent liabilities</b>	<b>215,717,598</b>	<b>3,902,275</b>	<b>738,072</b>	<b>-</b>	<b>220,357,945</b>
<b>TOTAL LIABILITIES</b>	<b>234,929,188</b>	<b>14,674,350</b>	<b>1,561,438</b>	<b>61,180</b>	<b>251,226,156</b>
<b>DEFERRED INFLOWS OF RESOURCES:</b>					
Pension plans deferred inflows (notes 7 & 15)	2,798,463	611,332	40,296	-	3,450,091
<b>TOTAL DEFERRED INFLOWS OF RESOURCES</b>	<b>2,798,463</b>	<b>611,332</b>	<b>40,296</b>	<b>-</b>	<b>3,450,091</b>
<b>NET POSITION:</b>					
Net investment in capital assets (note 9)	171,445,883	43,403,299	4,867,306	20,522	219,737,010
Unrestricted (note 10)	50,799,682	32,362,994	(1,406,708)	11,482	81,767,450
<b>TOTAL NET POSITION</b>	<b>\$ 222,245,565</b>	<b>\$ 75,766,293</b>	<b>\$ 3,460,598</b>	<b>\$ 32,004</b>	<b>\$ 301,504,460</b>

See accompanying independent auditors' report and notes to the basic financial statements

# CUCAMONGA VALLEY WATER DISTRICT

## Statement of Revenues, Expenses and Changes in Net Position

For the Year Ended June 30, 2015

	Water Utility Fund	Sewer Utility Fund	Recycled Water Utility Fund	Frontier Project Foundation	Totals
<b>OPERATING REVENUES:</b>					
Water Sales	\$ 45,846,626	\$ -	\$ 964,610	\$ -	\$ 46,811,236
Meter Charges	13,320,919	-	121,221	-	13,442,140
Water Services	1,243,413	-	339	-	1,243,752
Sewer Services	-	16,406,974	-	-	16,406,974
<b>TOTAL OPERATING REVENUES</b>	<u>60,410,958</u>	<u>16,406,974</u>	<u>1,086,170</u>	<u>-</u>	<u>77,904,102</u>
<b>OPERATING EXPENSES:</b>					
Source of supply	17,263,114	-	408,190	-	17,671,304
Pumping operations	6,932,863	-	-	-	6,932,863
Water treatment	3,269,903	-	-	-	3,269,903
Transmission and distribution	3,396,618	-	2,791	-	3,399,409
Collection and transmission	-	13,326,807	-	-	13,326,807
Customer accounts	1,862,901	306,495	3,484	-	2,172,880
General and administrative	8,845,466	1,399,201	163,159	65,810	10,473,636
Depreciation and amortization	8,521,001	1,691,031	112,083	13,197	10,337,312
<b>TOTAL OPERATING EXPENSES</b>	<u>50,091,866</u>	<u>16,723,534</u>	<u>689,707</u>	<u>79,007</u>	<u>67,584,114</u>
<b>NET OPERATING INCOME (LOSS)</b>	<u>10,319,092</u>	<u>(316,560)</u>	<u>396,463</u>	<u>(79,007)</u>	<u>10,319,988</u>
<b>NONOPERATING REVENUES (EXPENSES):</b>					
Investment income	577,748	177,426	-	-	755,174
Taxes and assessments	35	-	-	-	35
Rent and lease revenue	405,027	-	-	-	405,027
Interest expense	(6,814,548)	-	(409)	-	(6,814,957)
Amortization of deferred charge on refunding	(150,560)	-	-	-	(150,560)
Gain (loss) on disposal of assets	84,155	-	-	-	84,155
Other nonoperating revenues	6,009,300	42,798	-	72,146	6,124,244
Other nonoperating expenses	(867,060)	(117,525)	-	-	(984,585)
<b>TOTAL NONOPERATING REVENUES (EXPENSES)</b>	<u>(755,903)</u>	<u>102,699</u>	<u>(409)</u>	<u>72,146</u>	<u>(581,467)</u>
<b>NET INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS AND TRANSFERS</b>	9,563,189	(213,861)	396,054	(6,861)	9,738,521
CAPITAL CONTRIBUTIONS (note 11)	2,142,867	412,430	72,079	-	2,627,376
TRANSFERS IN (note 6)	-	2,172	14,800	-	16,972
TRANSFERS OUT (note 6)	(16,972)	-	-	-	(16,972)
<b>CHANGE IN NET POSITION</b>	11,689,084	200,741	482,933	(6,861)	12,365,897
<b>NET POSITION - BEGINNING</b>	227,093,805	79,185,911	3,215,625	38,865	309,534,206
<b>PRIOR PERIOD ADJUSTMENT (NOTE 20)</b>	<u>(16,537,324)</u>	<u>(3,620,359)</u>	<u>(237,960)</u>	<u>-</u>	<u>(20,395,643)</u>
<b>NET POSITION - ENDING</b>	<u>\$ 222,245,565</u>	<u>\$ 75,766,293</u>	<u>\$ 3,460,598</u>	<u>\$ 32,004</u>	<u>\$ 301,504,460</u>

See accompanying independent auditors' report and notes to the basic financial statements

# CUCAMONGA VALLEY WATER DISTRICT

## Statement of Cash Flows

For the Year Ended June 30, 2015

	Water Utility Fund	Sewer Utility Fund	Recycled Water Utility Fund	Frontier Project Foundation	Totals
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>					
Receipts from customers	\$ 58,325,360	\$ 16,567,596	\$ 1,183,088	\$ -	\$ 76,076,044
Receipts from others	9,085	-	-	(12,850)	(3,765)
Payment to suppliers	(40,548,332)	(13,043,952)	(491,942)	(71,944)	(54,156,170)
Payment to employees	(7,591,313)	(1,646,625)	(103,039)	-	(9,340,977)
<b>NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES</b>	<u>10,194,800</u>	<u>1,877,019</u>	<u>588,107</u>	<u>(84,794)</u>	<u>12,575,132</u>
<b>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES:</b>					
Due to (due from) other funds	614,336	-	(614,336)	-	-
Other noncapital financing activities	6,009,300	42,798	-	104,296	6,156,394
Taxes and assessments	35	-	-	-	35
Transfers to/from other funds	(16,972)	2,172	14,800	-	-
<b>NET CASH PROVIDED (USED) BY NONCAPITAL FINANCING ACTIVITIES</b>	<u>6,606,699</u>	<u>44,970</u>	<u>(599,536)</u>	<u>104,296</u>	<u>6,156,429</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:</b>					
Proceeds from debt issuance	11,985,686	-	-	-	11,985,686
Principal payments - Certificates of Participation	(16,519,844)	-	-	-	(16,519,844)
Principal payments - lease payable	(745,486)	-	-	-	(745,486)
Principal payments - loan payable	-	-	(34,384)	-	(34,384)
Interest expense	(8,915,353)	-	(409)	-	(8,915,762)
Proceeds from sale of equipment	84,155	-	-	-	84,155
Capital fees collected for/(paid to) Inland Empire Utilities Agency	-	(1,676,291)	-	-	(1,676,291)
Additions to utility plant	(15,614,235)	(1,240,653)	(25,857)	(4,850)	(16,885,595)
Other capital and related financing activities	(867,060)	(117,525)	-	-	(984,585)
Cash contributions received in aid of construction	1,775,867	107,430	72,079	-	1,955,376
<b>NET CASH PROVIDED (USED) BY CAPITAL AND RELATED FINANCING ACTIVITIES</b>	<u>(28,816,270)</u>	<u>(2,927,039)</u>	<u>11,429</u>	<u>(4,850)</u>	<u>(31,736,730)</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>					
Investment income	610,394	186,801	-	-	797,195
Purchases of investments	(18,410,391)	(6,136,797)	-	-	(24,547,188)
Proceeds from sales and maturities of investments	16,344,693	3,849,578	-	-	20,194,271
Rent and lease revenue	405,027	-	-	-	405,027
<b>NET CASH PROVIDED (USED) BY INVESTING ACTIVITIES</b>	<u>(1,050,277)</u>	<u>(2,100,418)</u>	<u>-</u>	<u>-</u>	<u>(3,150,695)</u>
<b>NET INCREASE/(DECREASE) IN CASH AND CASH EQUIVALENTS</b>	<u>(13,065,048)</u>	<u>(3,105,468)</u>	<u>-</u>	<u>14,652</u>	<u>(16,155,864)</u>
<b>CASH AND CASH EQUIVALENTS - BEGINNING OF YEAR</b>	<u>39,941,491</u>	<u>21,272,711</u>	<u>-</u>	<u>58,010</u>	<u>61,272,212</u>
<b>CASH AND CASH EQUIVALENTS - END OF YEAR</b>	<u>\$ 26,876,443</u>	<u>\$ 18,167,243</u>	<u>\$ -</u>	<u>\$ 72,662</u>	<u>\$ 45,116,348</u>
<b>RECONCILIATION OF CASH AND CASH EQUIVALENTS TO THE STATEMENT OF NET POSITION:</b>					
Cash and cash equivalents	\$ 12,733,049	\$ 11,012,152	\$ -	\$ 72,662	\$ 23,817,863
Cash and cash equivalents - restricted	14,143,394	7,155,091	-	-	21,298,485
<b>TOTAL CASH AND CASH EQUIVALENTS</b>	<u>\$ 26,876,443</u>	<u>\$ 18,167,243</u>	<u>\$ -</u>	<u>\$ 72,662</u>	<u>\$ 45,116,348</u>

(continued on next page)

See accompanying independent auditors' report and notes to the basic financial statements

# CUCAMONGA VALLEY WATER DISTRICT

## Statement of Cash Flows, continued

For the Year Ended June 30, 2015

	Water Utility Fund	Sewer Utility Fund	Recycled Water Utility Fund	Frontier Project Foundation	Totals
<b>RECONCILIATION OF OPERATING</b>					
<b>INCOME (LOSS) TO NET CASH</b>					
<b>PROVIDED (USED) BY</b>					
<b>OPERATING ACTIVITIES:</b>					
Operating income (Loss)	\$ 10,319,092	\$ (316,560)	\$ 396,463	\$ (79,007)	\$ 10,319,988
Depreciation and amortization	8,521,001	1,691,031	112,083	13,197	10,337,312
Changes in assets and liabilities:					
(Increase) Decrease in customer receivables, net	1,826,215	63,845	96,918	-	1,986,978
(Increase) Decrease in accounts receivable	(4,095,891)	96,777	-	-	(3,999,114)
(Increase) Decrease in prepaid expense and deposits	48,743	(9,893)	1,100	-	39,950
(Increase) Decrease in inventories	(1,260,478)	-	-	-	(1,260,478)
(Increase) Decrease in water in storage	(2,810,252)	-	-	-	(2,810,252)
Increase (Decrease) in accounts payable	(2,810,592)	302,355	(7,220)	(6,134)	(2,521,591)
Increase (Decrease) in accrued expense payable	256,838	44,901	1,879	-	303,618
Increase (Decrease) in deferred revenue	9,085	-	-	(12,850)	(3,765)
Increase (Decrease) in deposits payable	184,078	-	-	-	184,078
Increase (Decrease) in compensated absences payable	66,583	10,995	2,512	-	80,090
Increase (Decrease) in net other post-employment benefits obligation	321,233	86,932	5,137	-	413,302
Increase (Decrease) in net pension plans obligations plan obligation	(380,855)	(93,364)	(20,765)	-	(494,984)
<b>NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES</b>	<u>\$ 10,194,800</u>	<u>\$ 1,877,019</u>	<u>\$ 588,107</u>	<u>\$ (84,794)</u>	<u>\$ 12,575,132</u>
<b>NONCASH INVESTING, CAPITAL AND FINANCING ACTIVITIES:</b>					
Contributions in aid of construction	\$ 367,000	\$ 305,000	\$ -	\$ -	\$ 672,000
Changes in fair value of investments	30,002	10,001	-	-	40,003
Amortization of deferred bond costs and refunding	(150,560)	-	-	-	(150,560)
<b>NET NONCASH CAPITAL AND RELATED FINANCING ACTIVITIES</b>	<u>\$ 246,442</u>	<u>\$ 315,001</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 561,443</u>

See accompanying independent auditors' report and notes to the basic financial statements

## CUCAMONGA VALLEY WATER DISTRICT

### *Notes to the Basic Financial Statements*

June 30, 2015

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#### **(1) Reporting Entity and Summary of Significant Accounting Policies**

##### **A. Organization and Operations of the Reporting Entity**

The reporting entity Cucamonga Valley Water District (“District”) includes the accounts of the District, the Cucamonga Public Facilities Corporation, the Cucamonga Valley Water District Financing Authority and Frontier Project Foundation.

The District was incorporated as Cucamonga County Water District in March of 1955, under the provisions of the County Water District Law, Division 12 of the California Water Code. In fiscal year 2003-2004, the name of the District was changed to Cucamonga Valley Water District. The District’s 47 square mile service area lies in western San Bernardino County and includes the City of Rancho Cucamonga, portions of the cities of Fontana, Upland, Ontario and some unincorporated areas.

During 1987-88, the Cucamonga Public Facilities Corporation (“Corporation”) was formed to issue Certificates of Participation (C.O.P.’s). The Corporation transfers C.O.P. proceeds to the District in exchange for notes receivable bearing the same terms as the C.O.P.’s. The District’s five (5) member Board of Directors is appointed as the Cucamonga Public Facilities Corporation’s governing board. In the combined financial statements, interfund transactions between the Corporation and District have been eliminated. Amounts eliminated include \$146,874,812 in interfund receivable/payable on the statement of net position, \$4,737,809 in interest expense and \$11,443 in investment income on the statement of revenues, expenses and changes in net position, and \$8,221,861 in interest expense on the statement of cash flows.

During 2012, the Cucamonga Valley Water District Financing Authority (“Financing Authority”) was formed to issue Revenue Bonds. The Financing Authority transfers Revenue Bond proceeds to the District in exchange for notes receivable bearing the same terms as the Revenue Bonds. The District’s five (5) member Board of Directors is appointed as the Financing Authority’s governing board. In the combined financial statements, interfund transactions between the Financing Authority and District have been eliminated. Amounts eliminated include \$53,505,530 in interfund receivable/payable on the statement of net position, \$2,076,739 in interest expense and \$28,746 in investment income on the statement of revenues, expenses and changes in net position, and \$693,492 in interest expense on the statement of cash flows.

The Frontier Project Foundation (“Foundation”) is a nonprofit public benefit corporation formed for the purposes of (i) creating an interactive indoor and outdoor educational center to demonstrate current and future building design methods and techniques that promote resource conservation, (ii) aiding, promoting and advancing the principles of sustainable design in California living and working environments, (iii) educating residents and business owners of the surrounding communities on how to incorporate sustainable design standards in their residence and businesses, (iv) engaging in other activities in furtherance of the purposes for which the Foundation was formed, and (v) receiving, investing and utilizing funds and property acquired through solicitation of contributions, donations, grants, gifts, bequests and the like for the purposes for which the Foundation was formed. The Foundation is governed by a Board of Directors, which consists of the District’s Board of Directors and up to four additional members appointed by the District’s Board of Directors. Currently, the District’s Board of Directors has chosen not to fill any of the four open positions.

# CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements

June 30, 2015

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## (1) Reporting Entity and Summary of Significant Accounting Policies, continued

### A. Organization and Operation of the Reporting Entity, continued

The criteria used in determining the scope of the reporting entity is based on the provisions of GASB Statement No. 14 and the amendments of GASB Statement No. 61. The District is the primary government unit. Component units are those entities which are financially accountable to the primary government, either because the District appoints a voting majority of the component unit's board, or because the component unit will provide a financial benefit or impose a financial burden on the District. The District has accounted for the Corporation, the Financing Authority, and Foundation as "blended" component units. Despite being legally separate, these entities are so intertwined with the District that they are in substance, part of the District's operations. Accordingly, the balances and transactions of the Corporation and the Financing Authority are reported within the Water Utility Fund of the District, while the Foundation is accounted for in its own fund. Separate financial statements are not issued for the Corporation. The separate financial statements of the Financing Authority or the Foundation may be obtained from the District's office.

### B. Basis of Accounting and Measurement Focus

The District reports its activities as a set of proprietary funds. This means that the District utilizes the economic resources measurement focus which emphasizes limitations on the use of net position. This is similar to a private-sector business. Revenues and expenses are recognized on the accrual basis of accounting. Revenues are recognized in the accounting period in which they are earned and expenses are recognized in the period incurred, regardless of when the related cash flow takes place.

Operating revenues, such as charges for services (water sales, sewer services and water services) result from exchange transactions associated with the principal activity of the District. Exchange transactions are those in which each party receives and gives up essentially equal values. Nonoperating revenues, such as property taxes and investment income, result from nonexchange transactions or ancillary activities in which the District gives (receives) value without directly receiving (giving) equal value in exchange.

When both restricted and unrestricted resources are available for use, the District uses restricted resources and then unrestricted resources.

The funds of the District are described below:

**Water Utility Fund** – This fund is used to account for the operations of the District's water system and related revenues.

**Sewer Utility Fund** – This fund is used to account for the operations of the District's wastewater system and related revenues.

**Recycled Water Utility Fund** – This fund is used to account for the operations of the District's recycled water system and related revenues.

**Frontier Project Foundation** – This fund is used to account for the activities related to the Frontier Project Foundation.

### C. Financial Reporting

The District's basic financial statements are presented in conformance with the provisions of Governmental Accounting Standards Board (GASB) Statement No. 34, *"Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments"* (GASB No. 34). This statement established revised financial reporting requirements for state and local governments throughout the United States for the purpose of enhancing the understandability and usefulness of financial reports.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (1) Reporting Entity and Summary of Significant Accounting Policies, continued

#### C. Financial Reporting, continued

GASB No. 34 and its related GASB pronouncements provide for a revised view of financial information and restructure the format of financial information provided prior to its adoption. A statement of net position replaces the balance sheet and reports assets, liabilities, and the difference between them as net position, not equity. A statement of revenues, expenses and changes in net position replaces both the income statement and the statement of changes in retained earnings and contributed capital. GASB No. 34 also requires that the statement of cash flows be prepared using the direct method. Under the direct method, cash flows from operating activities are presented by major categories.

The District adopted GASB Statement No. 62, Codification of Accounting and Financial Reporting for Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements, which established accounting and financial reporting standards for financial statements of state and local governments.

#### D. Operating and Nonoperating Revenues and Expenses

The District distinguishes operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services in connection with the distribution and transmission of potable and recycled water to users, and the operation and maintenance of the sewer network within the District. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

#### E. Assets, Liabilities and Net Position

##### 1. Use of Estimates

The preparation of the basic financial statements in conformity with generally accepted accounting principles in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported changes in net position during the reporting period. Actual results could differ from those estimates.

##### 2. Cash and Cash Equivalents

Cash equivalents has been defined to include only assets that qualify as cash, including the District's investment in the State investment pool, but excluding all other investments that would normally qualify as cash equivalents.

##### 3. Investments and Investment Policy

The District has adopted an investment policy directing the Chief Financial Officer to deposit funds in financial institutions.

Changes in fair value that occur during a fiscal year are recognized as investment income reported for that fiscal year. Investment income includes interest earnings, changes in fair value, and any gains or losses realized upon the liquidation or sale of investments.

##### 4. Customer Receivables

The District extends credit to customers in the normal course of operations. When management deems customer accounts uncollectible, the District uses the allowance method for the reservation and write-off of those accounts.

**(1) Reporting Entity and Summary of Significant Accounting Policies, continued**

**E. Assets, Liabilities and Net Position, continued**

**5. Inventory**

Materials and supplies inventory consists primarily of water meters, pipe and pipefittings for construction and repair to the District's water transmission and distribution system. Inventory is valued at cost using a weighted average method. Inventory items are charged to expense at the time that individual items are withdrawn from inventory or consumed.

**6. Prepaid Expense and Deposit**

Certain payments to vendors reflects costs or deposits applicable to future accounting periods and are recorded as prepaid items in the basic financial statements.

**7. Capital Assets**

Capital assets acquired and/or constructed are capitalized at historical cost. District policy has set the capitalization threshold for reporting capital assets at \$5,000. Donated assets are recorded at estimated fair market value at the date of donation. Upon retirement or other disposition of capital assets, the cost and related accumulated depreciation are removed from the respective balances and any gains or losses are recognized. Depreciation is recorded on a straight-line basis over the estimated useful lives of the assets as follows:

- Intangible Plant – 40 years
- Source of Supply Plant – 50 years
- Pumping Plant – 10 to 20 years
- Treatment Plant – 40 years
- Collection, Transmission and Distribution Plant – 50 years
- General Plant – 5 to 50 years

**8. Deferred Outflows/Inflows of Resources**

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/ expenditure) until then. The District only has two items that qualify for reporting in this category on the Statement of Net Position. The first item is the pension plan deferred outflows, which are the employer contributions for the current fiscal year. The second item is a deferred charge on refunding which results from the difference in the net carrying value of refunded debt and its reacquisition price. This amount is deferred and amortized over the shorter of the life of the refunded or refunding debt.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. These amounts are deferred and recognized as inflow of resources in the period that the amounts become available. The District has one item that qualifies for reporting in this category on the Statement of Net Position. Pension plan deferred inflows result from the difference between projected and actual earnings on the assets invested in the pension plan.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (1) Reporting Entity and Summary of Significant Accounting Policies, continued

#### E. Assets, Liabilities and Net Position, continued

##### 9. Compensated Absences

The District's policy is to permit employees to accumulate a limited amount of earned vacation (240 hours maximum) and sick leave (unlimited accrual). Accumulated vacation time is accrued at year-end to account for the District's obligation to the employees for the amount owed. Sick leave can be accumulated, but, under District policy, payment shall be made in an amount of 50% of accrued sick leave upon retirement or death of the employee.

##### 10. Restricted Assets and Amounts Payable from Restricted Assets

Amounts shown as restricted assets have been restricted by bond indentures or are to be used for specified purposes based on contract provisions, such as bonded debt service. Certain liabilities which are currently payable have been classified as current liabilities payable from restricted assets since assets have been restricted for their payment.

##### 11. Net Position

The financial statements utilize a net position presentation. Net position is categorized as follows:

- **Net Investment in Capital Assets** – This component of net position consists of capital assets, net of accumulated depreciation and reduced by any debt outstanding against the acquisition, construction or improvement of those assets.
- **Restricted Net Position** – This component of net position consists of constraints placed on net position use through external constraints imposed by creditors, grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- **Unrestricted Net Position** – This component of net position consists of net position that does not meet the definition of *restricted* or *net investment in capital assets*

##### 12. Net Position Flow Assumption

Sometimes the District will fund outlays for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted – net position and unrestricted – net position in the District financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the District's policy to consider restricted – net position to have been depleted before unrestricted – net position is applied.

##### 13. Water Sales

Water sales are billed on a bi-monthly cyclical basis. Estimated unbilled water revenue through June 30 has been accrued at year-end.

##### 14. Capital Contributions

Contributions in aid of construction represent cash and utility plant additions contributed to the District by property owners or developers desiring services that require capital expenditures or capacity commitment. In accordance with Governmental Accounting Standards Board Statement No. 33, the capital contributions are recorded on the Statement of Revenues, Expenses and Changes in Net Position.

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

**(1) Reporting Entity and Summary of Significant Accounting Policies, continued**

**E. Assets, Liabilities and Net Position, continued**

**14. Capital Contributions, continued**

The following special charges levied by the District against newly-connecting customers are being accounted for as contributions in aid of construction:

Water Development Fees: Range from \$9,116 to \$729,246 based on meter size.

Sewer Development Fees: Range from \$1,239 to \$99,140 based on meter size.

**15. Budgetary Policies**

The District adopts an annual non-appropriated budget for planning, control, and evaluation purposes. Budgetary control and evaluation are affected by comparisons of actual revenues and expenses with planned revenues and expenses for the period. Encumbrance accounting is not used to account for commitments related to unperformed contracts for construction and services.

**16. Debt Issuance Costs**

The District implemented GASB Statement 65, *Items Previously Reported as Assets and Liabilities*. GASB 65, among other things, amends prior guidance with respect to the treatment of debt issuance costs. Debt issuance costs should be recognized in the period incurred rather than reported on the statement of net position as deferred charges and recognized systematically over the life of the debt.

**17. Pensions**

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

GASB 68 requires that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used.

**California Public Employees Retirement System (See Note 13)**

Valuation Date (VD)	June 30, 2013
Measurement Date (MD)	June 30, 2014
Measurement Period (MP)	July 1, 2013 to June 30, 2014

**PARS Retirement Enhancement Plan (See Note 14)**

Valuation Date (VD)	June 30, 2013
Measurement Date (MD)	June 30, 2014
Measurement Period (MP)	July 1, 2013 to June 30, 2014

**Excess Benefit Plan (See Note 15)**

Valuation Date (VD)	June 30, 2013
Measurement Date (MD)	June 30, 2014
Measurement Period (MP)	July 1, 2013 to June 30, 2014

**CUCAMONGA VALLEY WATER DISTRICT***Notes to the Basic Financial Statements, continued*

June 30, 2015

**(2) Cash and Investments**

Cash and investments are reported in the accompanying statement of net position as follows:

Unrestricted:	
Cash and cash equivalents	\$ 23,817,863
Investments	50,252,381
Restricted:	
Cash and cash equivalents with fiscal agent	<u>21,298,485</u>
Total cash and investments	<u>\$ 95,368,729</u>

Cash and investments at June 30, 2015 consisted of the following:

Cash on hand	\$ 4,100
Deposits with financial institutions	4,683,201
Investments	<u>90,681,428</u>
	<u>\$ 95,368,729</u>

***Investments Authorized by the California Government Code and the District's Investment Policy***

The table below identifies the investment types that are authorized by the District in accordance with the California Government Code (or the District's investment policy, where more restrictive). The table also identifies certain provisions of the California Government Code (or the District's investment policy, where more restrictive) that address interest rate risk, credit risk, and concentration of credit risk.

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Maximum Percentage of Portfolio*</u>	<u>Maximum Investment in One Issuer</u>
United States (U.S.) Treasury Obligations	5 years	100%	None
U.S. Agency Securities	5 years	100%	None
Banker's Acceptances	180 days	20%	30%
Negotiable Certificates of Deposits	5 years	30%	None
Time Certificates of Deposits	1 year	30%	None
Commercial Paper	270 days	40%	10%
Medium-Term Corporate Notes	5 years	30%	None
Local Agency Investment Fund (LAIF)	N/A	100%	\$40,000,000
Repurchase Agreements	90 days	10%	None
Money Market Funds	N/A	20%	None
State and Local Agencies Notes or Bonds	5 years	30%	None

\* - Excluding amounts held by bond trustee that are not subject to California Government Code restrictions.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (2) Cash and Investments, continued

#### ***Investments Authorized by Debt Agreements***

Investments of debt proceeds held by bond trustee are governed by provisions of the debt agreements, rather than the general provisions of the California Government Code or the District's investment policy. Investments authorized for funds held by bond trustee include, U.S. Treasury Obligations, U.S. Government Sponsored Enterprise Securities, the California Local Agency Investment Fund, Guaranteed Investment Contracts, Commercial Paper, Local Agency Bonds, Banker's Acceptance and Money Market Mutual Funds. There were no limitations on the maximum amount that can be invested in one issuer, maximum percentage allowed or the maximum maturity of an investment, except for the maturity of Banker's Acceptance which are limited to one year.

#### ***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 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. 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).

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 or investments, other than the following provision 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 market 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 District deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits. The District had deposits with a bank balance of \$2,726,352 as of June 30, 2015. Of the bank balance, up to \$250,000 is federally insured and the remaining balance is collateralized in accordance with the Code; however, the collateralized securities are not held in the District's name. The District CFO may waive the collateral requirement for deposits that are fully insured up to \$250,000 by the FDIC.

#### ***Investment in State Investment Pool***

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 financial statements at 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. LAIF is not rated by a nationally recognized statistical rating organization, but, as stated previously, it is regulated by the California Government Code, and is therefore exempt from rating requirements.

**CUCAMONGA VALLEY WATER DISTRICT***Notes to the Basic Financial Statements, continued*

June 30, 2015

**(2) Cash and Investments, continued*****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 will be 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 matures or comes close to maturity evenly over time as necessary to provide requirements for 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 date:

<b>Investment Type</b>	<b>Remaining Maturity (in Months)</b>			<b>Total</b>
	<b>12 Months or Less</b>	<b>13 - 24 Months</b>	<b>25 - 60 Months</b>	
U.S. Agency Securities:				
Federal National Mortgage Association	\$ -	\$ 3,526,565	\$ 6,225,833	\$ 9,752,398
Federal Home Loan Mortgage Corporation	-	2,060,268	581,256	2,641,524
Federal Agricultural Mortgage Corporation	-	-	2,003,220	2,003,220
U.S. Treasuries	-	3,594,307	12,610,657	16,204,964
Municipal Bonds	346,011	-	949,825	1,295,836
Medium-term Corporate Notes	1,451,203	2,603,722	8,899,985	12,954,910
Negotiable Certificates of Deposit	-	5,225,836	-	5,225,836
Local Agency Investment Fund (LAIF)	28,397,098	-	-	28,397,098
Money Market Funds	173,697	-	-	173,697
Cash with fiscal agent:				
Local Agency Investment Fund (LAIF)	11,996,718	-	-	11,996,718
Money Market Funds	35,227	-	-	35,227
	<u>\$ 42,399,954</u>	<u>\$ 17,010,698</u>	<u>\$ 31,270,776</u>	<u>\$ 90,681,428</u>

***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 a rating by a nationally recognized statistical rating organization. Presented below is the minimum rating required by (where applicable) the California Government Code, the District's investment policy, or debt agreements, and the actual rating as of year-end for each investment type.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

### (2) Cash and Investments, continued

Investment Type	Minimum Legal Rating	Rating	Total
U.S. Agency Securities:			
Federal National Mortgage Association	AA+	AA+	\$ 9,752,398
Federal Home Loan Mortgage Corporation	AA+	AA+	2,641,524
Federal Agricultural Mortgage Corporation	AA+	AA+	2,003,220
U.S. Treasuries	AA+	AA+	16,204,964
Municipal Bonds	A	A	1,295,836
Medium-term Corporate Notes	A	AAA	1,197,806
		AA+	455,349
		AA-	2,496,419
		AA	1,633,681
		A+	4,914,672
		A	2,011,184
		A-	245,799
Negotiable Certificates of Deposit	N/A	N/A	5,225,836
Local Agency Investment Fund (LAIF)	N/A	N/A	28,397,098
Money Market Funds	A	AAA	173,697
Cash with fiscal agent:			
Local Agency Investment Fund (LAIF)	N/A	N/A	11,996,718
Money Market Funds	A	AAA	35,227
			\$ 90,681,428

#### 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. Investments in any one issuer (other than for U.S. Treasury securities, mutual funds, and external investment pools) that represent 5% or more of total District's investments are as follows:

Issuer	Investment Type	Reported Amount	Percent of Investments
Federal National Mortgage Association	U.S. Agency Securities	\$ 9,752,398	10.75%
United States Treasury	U.S. Agency Securities	16,204,964	20.60%

### (3) Restricted Assets

Restricted assets were provided by, and are to be used for, the following:

Funding Source	Use	Amount
Sewer Facility Fees	Construction of Sewer Treatment Facility (Note 8)	\$ 7,155,091
Debt service reserves	Funds held in reserve for outstanding debt	4,266,722
Debt Proceeds	Construction of specific assets outlined in issues	9,876,672
		\$ 21,298,485

### (4) Water in Storage

The District is entitled to water in the Chino Basin. To accommodate future growth, the District has purchased additional water from other purveyors within the Basin, which is stored in the Basin. The water is intended for use in future years. As of June 30, 2015, the District's unsold water purchases amounted to \$16,197,846.

# CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

## (5) Capital Assets

Changes in capital assets for the year were as follows:

	Balance June 30, 2014	Additions/ Transfers	Retirements/ Transfers	Balance June 30, 2015
Non-Depreciable Assets:				
Water:				
Land	\$ 4,564,556	\$ -	\$ -	\$ 4,564,556
Water rights	92,871,569	36,000		92,907,569
Construction in progress	44,902,810	13,945,490	(323,664)	58,524,636
Sewer:				
Construction in progress	85,313	918,370	(10,869)	992,814
Recycled Water:				
Construction in progress	16,319	25,857	(14,539)	27,637
Total non-depreciable assets	<u>142,440,567</u>	<u>14,925,717</u>	<u>(349,072)</u>	<u>157,017,212</u>
Depreciable assets:				
Water:				
Intangibles	171,071		(776)	170,295
Source of supply	24,211,013	17,677		24,228,690
Pumping plant	18,051,271	416,432	(333,809)	18,133,894
Transmission and distribution	189,923,342	2,450,026	(30,634)	192,342,734
Treatment plant	58,269,268	852,994	(1,156)	59,121,106
Office buildings and equipment	46,757,218	598,182	(135,334)	47,220,066
Sewer:				
Intangibles	127,819			127,819
Pumping station	97,820	6,906		104,726
Collection and transmission	67,373,593	453,063		67,826,656
Office buildings and equipment	9,198,098	178,183	(30,982)	9,345,299
Recycled Water:				
Waste water reclamation	5,551,449	14,539		5,565,988
General recycled water	5,000			5,000
Frontier Project Foundation:				
Office equipment	100,424	4,850		105,274
Total depreciable assets	<u>419,837,386</u>	<u>4,992,852</u>	<u>(532,691)</u>	<u>424,297,547</u>
Less: accumulated depreciation				
Water:				
Intangibles	(110,338)	(4,499)	776	(114,061)
Source of supply	(6,334,187)	(470,693)		(6,804,880)
Pumping plant	(8,499,426)	(780,277)	333,809	(8,945,894)
Transmission and distribution	(66,790,732)	(4,137,058)	30,634	(70,897,156)
Treatment plant	(29,871,660)	(1,514,996)	1,156	(31,385,500)
General water	(16,448,117)	(1,613,478)	135,334	(17,926,261)
Sewer:				
Intangibles	(61,507)	(3,196)		(64,703)
Pumping station	(51,524)	(4,298)		(55,822)
Collection and transmission	(29,202,254)	(1,311,590)		(30,513,844)
General sewer	(4,018,680)	(371,948)	30,982	(4,359,646)
Recycled Water:				
Waste water reclamation	(614,237)	(112,082)		(726,319)
General recycled water	(5,000)			(5,000)
Frontier Project Foundation:				
General Frontier Project	(71,555)	(13,197)		(84,752)
Total accumulated depreciation	<u>(162,079,217)</u>	<u>(10,337,312)</u>	<u>532,691</u>	<u>(171,883,838)</u>
Total depreciable assets, net	<u>257,758,169</u>	<u>(5,344,460)</u>	<u>-</u>	<u>252,413,709</u>
Total capital assets, net	<u>\$ 400,198,736</u>	<u>\$ 9,581,257</u>	<u>\$ (349,072)</u>	<u>\$ 409,430,921</u>

Capital asset additions include \$2,011,902 in capitalized interest. The total amount of interest incurred for the year ended June 30, 2015 was \$6,814,957.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

### (6) Interfund Receivables, Payables, and Transfers

The composition of interfund balances as of June 30, 2015, is as follows:

Due to/from other funds:

<u>Receivable Fund</u>	<u>Payable Fund</u>	<u>Amount</u>
Water Utility Fund	Recycled Water Utility Fund	\$ 692,883

The recycled water operation is relatively new to the District, and the Water Utility Fund is used to fund a portion of the startup activities of the fund until it is self-sustaining. The balance represents a deficit of cash in the recycled water fund. It is expected that the Recycled Water Utility Fund will reimburse the Water Utility Fund when its revenue is sufficient to pay this liability.

In the year ended June 30, 2015, the District made the following one-time transfers:

	<u>Transfer Out</u>	
	<u>Water Utility Fund</u>	<u>Total</u>
<b>Transfer in:</b>		
Sewer Utility Fund	2,172	\$ 2,172
Recycled Water Utility Fund	14,800	14,800
Total	<u>\$ 16,972</u>	<u>\$ 16,972</u>

### (7) Long-term Liabilities

Changes in long-term liabilities for the year ended June 30, 2015, are as follows:

	Balance June 30, 2014 <u>As Originally Stated</u>	Adjustment for Restatement	Balance June 30, 2014 <u>As Restated</u>	<u>Additions</u>	<u>Retirements</u>	Balance June 30, 2015	Current Portion
Certificates of participation	\$ 155,618,571	\$	\$ 155,618,571		\$(16,904,286)	\$ 138,714,285	\$ 3,864,286
Deferred bond premium	8,565,264		8,565,264		(404,737)	8,160,527	
Net certificates of participation	164,183,835	-	164,183,835	-	(17,309,023)	146,874,812	3,864,286
Revenue Bonds	37,195,000		37,195,000	12,150,000	(740,000)	48,605,000	1,340,000
Deferred bond premium	3,602,192		3,602,192	1,521,308	(222,970)	4,900,530	
Net Revenue Bonds	40,797,192	-	40,797,192	13,671,308	(962,970)	53,505,530	1,340,000
Leases payable	4,202,449		4,202,449		(745,486)	3,456,963	768,751
Loan Payable	553,201		553,201		(34,384)	518,817	34,409
Compensated absences	1,696,743		1,696,743	933,984	(853,894)	1,776,833	853,894
Net OPEB Obligation (note 16)	2,670,315		2,670,315	1,373,302	(960,000)	3,083,617	
CalPERS Pension Plan Obligation (Note 13)	-	17,989,334	17,989,334		(2,104,486)	15,884,848	
PARS Pension Plan Obligation (Note 14)	-	780,268	780,268		(182,458)	597,810	
Excess Benefit Plan Obligation (Note 15)	375,651	1,030,162	1,405,813	114,241		1,520,054	
	<u>\$ 214,479,386</u>	<u>\$ 19,799,764</u>	<u>\$ 234,279,150</u>	<u>\$ 16,092,835</u>	<u>\$(23,152,701)</u>	<u>\$ 227,219,284</u>	<u>\$ 6,861,340</u>

**CUCAMONGA VALLEY WATER DISTRICT***Notes to the Basic Financial Statements, continued*

June 30, 2015

**(7) Long-term Liabilities, continued**

Certificates of participation principal balances for the year ended June 30, 2015 are as follows:

2006 Certificates of Participation	\$	18,910,000
2009 Certificates of Participation		15,105,000
2011 Certificates of Participation		104,465,000
2009 Clean Renewable Energy Bonds		234,285
	\$	<u>138,714,285</u>

Revenue Bond principal balances for the year ended June 30, 2015 are as follows:

2012 Revenue Bonds	\$	36,490,000
2014 Revenue Bonds		12,115,000
	\$	<u>48,605,000</u>

Leases Payable principal balances for the year ended June 30, 2015 are as follows:

2007 Fixed Network Meter Replacement	\$	1,795,437
2010 Fixed Network Meter Replacement		1,661,526
	\$	<u>3,456,963</u>

**2006 Certificates of Participation**

In September 2006, the Cucamonga Public Facilities Corporation issued Certificates of Participation in the amount of \$21,610,000. The proceeds were used to fund the acquisition and construction of certain capital improvements and equipment, to provide for a reserve fund, and to pay for the costs of issuance.

The 2006 Certificates of Participation are scheduled to mature annually on September 1, 2008 to September 1, 2036 in amounts ranging from \$0 to \$9,570,000. Interest is payable semiannually on March 1 and September 1 of each year with interest rates ranging from 3.42% to 5%.

Debt service requirements on the 2006 Certificates of Participation are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 470,000	\$ 892,309	\$ 1,362,309
2017	500,000	872,909	1,372,909
2018	515,000	852,609	1,367,609
2019	560,000	831,109	1,391,109
2020	585,000	808,209	1,393,209
2021-2025	1,970,000	3,703,401	5,673,401
2026-2030	-	3,577,500	3,577,500
2031-2035	3,450,000	3,325,250	6,775,250
2036-2037	10,860,000	750,000	11,610,000
	<u>\$ 18,910,000</u>	<u>\$ 15,613,296</u>	<u>\$ 34,523,296</u>

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (7) Long-term Liabilities, continued

#### **2009 Certificates of Participation**

In April 2009, the Cucamonga Public Facilities Corporation issued Certificates of Participation in the amount of \$27,960,000. The proceeds were used to fund the acquisition and construction of certain capital improvements and equipment, to provide for a reserve fund, and to pay for the costs of issuance.

The 2009 Certificates of Participation are scheduled to mature annually on September 1, 2010 to September 1, 2022 in amounts ranging from \$1,625,000 to \$2,195,000. Interest is payable semiannually on March 1 and September 1 of each year with interest rates ranging from 2% to 5.625%.

Debt service requirements on the 2009 Certificates of Participation are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 1,625,000	\$ 680,875	\$ 2,305,875
2017	1,685,000	614,675	2,299,675
2018	1,755,000	541,488	2,296,488
2019	1,825,000	456,375	2,281,375
2020	1,915,000	362,875	2,277,875
2021-2023	<u>6,300,000</u>	<u>482,000</u>	<u>6,782,000</u>
	<u>\$ 15,105,000</u>	<u>\$ 3,138,288</u>	<u>\$ 18,243,288</u>

#### **2011 Certificates of Participation**

In August 2011, the Cucamonga Public Facilities Corporation issued Certificates of Participation in the amount of \$109,475,000. The proceeds of the Certificates were used to defease the 2000 Certificates of Participation outstanding in the amount of \$84,860,000 and to defease the 2001 Certificates of Participation outstanding in the amount of \$33,315,000.

The deferred amount on the refunding (the difference between the reacquisition price (funds required to refund the old debt) and the net carrying amount of the old debt) was \$3,477,217. At June 30, 2015 the remaining unamortized deferred amount of \$ on the refunding is shown as a deferred outflow of resources.

The advance refunding resulted in an economic gain of \$10,690,420 (difference between the present value of the annual debt service payments between old and new debt) and a decrease in debt service payments of \$14,234,377.

The 2011 Certificates are scheduled to mature annually on September 1, 2015 to September 1, 2036 in amounts ranging from \$1,740,000 to \$8,315,000. Interest is payable semi-annually on March 1 and September 1 of each year ranging from 0.25% to 5.375%.

Debt service requirements on the 2011 Certificates of Participation are as follows:

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

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**(7) Long-term Liabilities, continued**

***2011 Certificates of Participation, continued***

Debt service requirements on the 2011 Certificates of Participation are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 1,740,000	\$ 5,156,887	\$ 6,896,887
2017	1,805,000	5,085,988	6,890,988
2018	1,880,000	5,012,287	6,892,287
2019	1,945,000	4,935,788	6,880,788
2020	2,015,000	4,861,662	6,876,662
2021-2025	17,025,000	22,806,063	39,831,063
2026-2030	34,145,000	16,222,213	50,367,213
2031-2035	36,435,000	6,712,058	43,147,058
2036	7,475,000	200,891	7,675,891
	<u>\$ 104,465,000</u>	<u>\$ 70,993,837</u>	<u>\$ 175,458,837</u>

***2009 Clean Renewable Energy Bonds***

In April 2009, the Cucamonga Public Finance Corporation issued Certificates of Participation in the amount \$410,000 under the provisions of the American Recovery and Reinvestment Act (“Act”). Under the Act, public agencies may issue Clean Renewable Energy Bonds (“CREBs”), which are interest-free loans for projects that promote clean renewable energy. In return for their investments, investors are allowed a tax credit under this provision. Since the investor is making money in the form of a tax credit, no imputed interest will be calculated. The proceeds were used to fund renewable energy initiatives related to the construction of the Frontier Project building.

The 2009 Clean Renewable Energy Bonds are scheduled to mature annually on September 1, 2015 through September 1, 2022 in the amount of \$29,286.

Debt service requirements on the 2009 Clean Renewable Energy Bonds are as follows:

<u>Year</u>	<u>Principal</u>
2016	\$ 29,286
2017	29,286
2018	29,286
2019	29,285
2020	29,285
2021-2023	87,857
	<u>\$ 234,285</u>

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (7) Long-term Liabilities, continued

#### 2012 Revenue Bonds

In October 2012, the Cucamonga Valley Water District Financing Authority issued Revenue Bonds in the amount of \$37,885,000. The proceeds were used to fund the acquisition and construction of certain capital improvements and equipment, and to pay for the costs of issuance.

The 2012 Revenue Bonds are scheduled to mature annually on September 1, 2015 to September 1, 2042 in amounts ranging from \$735,000 to \$2,215,000. Interest is payable semiannually on March 1 and September 1 of each year with interest rates ranging from 2.5% to 4%.

Debt service requirements on the 2012 Certificates of Participation are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 735,000	\$ 1,540,288	\$ 2,275,288
2017	760,000	1,510,387	2,270,387
2018	795,000	1,479,288	2,274,288
2019	825,000	1,446,888	2,271,888
2020	860,000	1,413,188	2,273,188
2021-2025	4,855,000	6,510,036	11,365,036
2026-2030	5,830,000	5,533,213	11,363,213
2031-2035	6,845,000	4,514,625	11,359,625
2036-2040	8,655,000	2,707,625	11,362,625
2041-2043	6,330,000	485,250	6,815,250
	<u>\$ 36,490,000</u>	<u>\$ 27,140,788</u>	<u>\$ 63,630,788</u>

#### 2014 Revenue Bonds

In October 2012, the Cucamonga Valley Water District Financing Authority issued Revenue Bonds in the amount of \$12,150,000. The proceeds were used to fund the acquisition and construction of certain capital improvements and equipment, to refund the outstanding 2003 Certificates of Participation, and to pay for the costs of issuance.

The 2014 Revenue Bonds are scheduled to mature annually on September 1, 2015 to September 1, 2029 in amounts ranging from \$605,000 to \$1,575,000. Interest is payable semiannually on March 1 and September 1 of each year with interest rates ranging from 2.5% to 5%.

**CUCAMONGA VALLEY WATER DISTRICT***Notes to the Basic Financial Statements, continued*

June 30, 2015

**(7) Long-term Liabilities, continued****2014 Revenue Bonds, continued**

Debt service requirements on the 2014 Certificates of Participation are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 605,000	\$ 516,413	\$ 1,121,413
2017	625,000	494,838	1,119,838
2018	655,000	469,238	1,124,238
2019	675,000	439,263	1,114,263
2020	710,000	408,188	1,118,188
2021-2025	4,630,000	1,465,015	6,095,015
2026-2030	4,215,000	415,033	4,630,033
	<u>\$ 12,115,000</u>	<u>\$ 4,207,988</u>	<u>\$ 16,322,988</u>

**2007 Fixed Network Meter Replacement Capital Lease Payable**

The District entered into an agreement dated December 17, 2007 with LaSalle Bank National Bank Association to finance the purchase of certain equipment related to the District's fixed network retrofit and meter exchange program in the amount of \$5,720,765. The lease purchase agreement required semi-annual payments on June 17 and December 17 of each year of \$354,268 at an interest rate of 4.26%.

On December 17, 2010, the District refinanced the lease with Chase Equipment Finance. The total amount refinanced was \$4,292,371. The lease refinance agreement requires quarterly payments of \$170,608 at an interest rate of 2.98%.

Debt service requirements on the 2007 fixed network meter replacement capital lease payable are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 635,991	\$ 46,440	\$ 682,431
2017	655,156	27,275	682,431
2018	504,290	7,533	511,823
	<u>\$ 1,795,437</u>	<u>\$ 81,248</u>	<u>\$ 1,876,685</u>

**2010 Fixed Network Meter Replacement Capital Lease Payable**

The District entered into an agreement dated October 1, 2010 with Chase Equipment Finance to finance the purchase of certain equipment related to the District's fixed network retrofit and meter exchange program in the amount of \$2,200,000. The lease purchase agreement requires quarterly payments of \$47,659 at an interest rate of 3.59%.

**CUCAMONGA VALLEY WATER DISTRICT***Notes to the Basic Financial Statements, continued*

June 30, 2015

**(7) Long-term Liabilities, continued*****2010 Fixed Network Meter Replacement Capital Lease Payable, continued***

Debt service requirements on the 2010 fixed network meter replacement capital lease payable are as follows:

<u>Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 132,760	\$ 57,875	\$ 190,635
2017	137,591	53,044	190,635
2018	142,597	48,038	190,635
2019	147,786	42,849	190,635
2020	153,163	37,472	190,635
2021-2025	853,579	99,596	953,175
2026	94,050	1,268	95,318
	<u>\$ 1,661,526</u>	<u>\$ 340,142</u>	<u>\$ 2,001,668</u>

***Church Street Lateral Loan Payable***

The District entered into an agreement dated November 24, 2009 with Inland Empire Utilities Agency (IEUA) for the construction of a recycled water pipeline. A portion of the pipeline was for the purpose of IEUA's Regional Recycled Water system and a portion was for the purpose of the District's recycled water connections. The entire project is to be funded by a State of California Revolving Fund (SRF) loan, obtained by IEUA, which offers low interest rates for the purpose of constructing infrastructure. The District paid for the construction costs and was subsequently reimbursed by IEUA in the amount of \$2,441,548. IEUA obtained two grants for the project. The amounts of the grants were \$344,760 and \$615,822. The grants were received from the California State Water Resources Control Board and the United States Bureau of Reclamation respectively. The District's portion of the grants was \$461,939. The District's portion of the pipeline amounted to \$690,648, which is payable by the District in annual installments of \$34,532 including interest at .074%.

Debt service requirements on the Church Street Lateral loan payable are as follows:

<u>Year</u>	<u>Principal</u>
2016	\$ 34,409
2017	34,435
2018	34,460
2019	34,486
2020	34,507
2021-2025	172,940
2026-2030	173,580
	<u>\$ 518,817</u>

**CUCAMONGA VALLEY WATER DISTRICT**

Notes to the Basic Financial Statements, continued

June 30, 2015

**(8) Intergovernmental Payable**

The District, along with other agencies in the area, has an agreement with the Inland Empire Utilities Agency (IEUA) to share in construction costs of regional sewer treatment facilities. Construction costs are paid by tax increments each year by IEUA. If these tax increments do not cover the construction costs, the various agencies involved will be billed their allocated percentage. The District collects sewer facilities fees that by this agreement must be paid to IEUA when billed. The District is allowed to earn interest on any sewer facilities fees collected until remitted to IEUA. The District’s liability for collected but unremitted sewer facilities fees at June 30, 2015 is \$7,155,091.

**(9) Net Investment in Capital Assets**

Investment in capital assets, net of related debt, at June 30, 2015, consisted of the following:

Non-depreciable capital assets	\$ 157,017,212
Depreciable capital assets, net	252,413,709
Lease payable - current portion	(768,751)
Certificates of participation - current portion	(3,864,286)
Revenue bonds - current portion	(1,340,000)
Lease payable - non-current portion	(2,688,212)
Certificates of participation - non-current portion	(143,010,526)
Revenue bonds - non-current portion	(52,165,530)
Revenue bonds - unspent portion with trustee	14,143,394
	<u>\$ 219,737,010</u>

**(10) Designation of Unrestricted Net Position**

The District has adopted a Reserve Policy to establish designations of unrestricted net position. The designations established at June 30, 2015 are as follows:

Reserve Types	Fund		
	Water	Sewer	Recycled Water
Designated			
Bond Proceeds	\$ 14,143,394	N/A	N/A
Development Fees	8,456,909	1,954,934	72,079
Capital			
Facility & Equipment Replacement	22,200,000	20,000,000	-
Emergency	7,223,000 <sup>(1)</sup>	868,000 <sup>(1)</sup>	97,000 <sup>(1)</sup>
Administrative	1,609,000	80,000	-
Liquidity			
Operating	18,606,000 <sup>(2)</sup>	7,388,000 <sup>(2)</sup>	446,000 <sup>(2)</sup>
Rate Stabilization	2,599,000 <sup>(3)</sup>	N/A	N/A
Water Banking	3,605,000 <sup>(4)</sup>	N/A	N/A

Note (1) Emergency Reserve: The funding target is a minimum of 1% and a maximum of 2% of the capital assets in the fund.

Note (2) Operating Reserve: The funding target is a minimum of 20% and a maximum of 50% of the budgeted total operating expenses in the fund.

Note (3) Rate Stabilization Reserve: The funding target is a minimum of \$2,200,000 and a maximum of 25% of the Water Fund operating income.

Note (4) Water Banking Reserve: The funding target is a minimum of \$2,500,000 and a maximum equal to the cost of purchasing 5,000 acre feet of Metropolitan Water District Tier 2 imported water.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (11) Capital Contributions

Capital contributions for the fiscal year ending June 30, 2015 were as follows:

Developer fees	\$ 1,955,376
Developer donated assets	<u>672,000</u>
Total Contributed Capital	<u>\$ 2,627,376</u>

### (12) Deferred Compensation Savings Plan

For the benefit of its employees, the District participates in three 457 Deferred Compensation Programs (Programs). The purpose of these Programs is to provide deferred compensation for public employees that elect to participate in the Program. Generally, eligible employees may defer receipt of a portion of their salary until termination, retirement, death or unforeseeable emergency. Until the funds are paid or otherwise made available to the employee, the employee is not obligated to report the deferred salary for income tax purposes.

Federal law requires deferred compensation assets to be held in trust for the exclusive benefit of the participants. Accordingly, the District is in compliance with this legislation. Therefore, these assets are not the legal property of the District, and are not subject to claims of the District's general creditors. Market value of all plan assets held in trust by the District's three deferred compensation plans at June 30, 2015 amounted to \$4,583,126.

The District has implemented GASB Statement No. 32, Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans. Since the District has little administrative involvement and does not perform the investing function for this plan, the assets and related liabilities are not shown on the statement of net position.

### (13) Defined Benefit Pension Plan

#### *Plan Description*

The District contributes to the California Public Employees Retirement System (CalPERS), an agent multiple-employer public employee defined benefit pension plan. CalPERS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. CalPERS acts as a common investment and administrative agent for participating public agencies within the State of California. Benefit provisions and all other requirements are established by state statute and the District. Copies of CalPERS annual financial report may be obtained from their executive Office at 400 Q Street, Sacramento, CA, 95811.

#### *Eligibility*

Employees are eligible for benefits under the plan in one of three tiers. Employees hired before January 10, 2011 are in Tier 1, employees hired after January 11, 2011 are in Tier 2, and employees hired after January 1, 2013 are in Tier 3. The benefit formula for employees in Tier 1 is 2.5% at 55, the benefit formula for employees in Tier 2 is 2.0% at 60, and the benefit formula for employees in Tier 3 is 2.0% at 62. The final average compensation period is 12 months for employees in Tier 1, and 36 months for employees in Tiers 2 and 3. Beneficiaries in all tiers are currently receiving a 2% cost of living adjustment (COLA).

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

**(13) Defined Benefit Pension Plan, continued**

***Contribution Description***

Section 20814(c) of the California Public Employees’ Retirement Law (PERL) 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. The total plan contributions are determined through CalPERS’ annual actuarial valuation process. 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 employer is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. For the measurement period ended June 30, 2014 (the measurement date), the average active employee contribution rate is 8% for Tier 1 employees and 7% for Tier 2 and 3 employees. Tier 1 employees pay 2% of the 8% required contribution and Tier 2 employees pay 2% of their 7% required contribution. The District makes the remaining portion of the contributions required of District Tier 1 and 2 employees on their behalf and for their account. Tier 3 employees must pay the full 7% share. The employer’s contribution rate is 16.540% of annual payroll. Employer contribution rates may change if plan contracts are amended. It is the responsibility of the employer to make necessary accounting adjustments to reflect the impact due to any Employer Paid Member Contributions or situations where members are paying a portion of the employer contribution.

***Actuarial Methods and Assumptions Used to Determine Total Pension Liability***

For the measurement period ended June 30, 2014 (the measurement date), the total pension liability was determined by rolling forward the June 30, 2013 total pension liability. The June 30, 2013 and the June 30, 2014 total pension liabilities were based on the following actuarial methods and assumptions:

Actuarial Cost Method	Entry Age Normal in accordance with the requirements of GASB Statement No. 68
Actuarial Assumptions	
Discount Rate	7.50%
Inflation	2.75%
Salary Increases	Varies by Entry Age and Service
Investment Rate of Return	7.50% Net of Pension Plan Investment and Administrative Expenses; includes Inflation
Mortality Rate Table (1)	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

(1) The mortality table used was developed based on CalPERS’ specific data. The table includes 20 years of mortality improvements using Society of Actuaries Scale BB. For more details on this table, please refer to the 2014 experience study report.

All other actuarial assumptions used in the June 30, 2013 valuation were based on the results of an actuarial experience study for the period from 1997 to 2011, including updates to salary increase, mortality and retirement rates. The Experience Study report can be obtained at CalPERS’ website under Forms and Publications.

**(13) Defined Benefit Pension Plan, continued**

***Discount Rate***

The discount rate used to measure the total pension liability was 7.50 percent. To determine whether the municipal bond rate should be used in the calculation of a discount rate for each plan, 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 7.50 percent discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long-term expected discount rate of 7.50 percent is applied to all plans in the Public Employees Retirement Fund. The stress test results are presented in a detailed report called "GASB Crossover Testing Report" that can be obtained at CalPERS' website under the GASB 68 section.

According to Paragraph 30 of Statement 68, the long-term discount rate should be determined without reduction for pension plan administrative expense. The 7.50 percent investment return assumption used in this accounting valuation is net of administrative expenses. Administrative expenses are assumed to be 15 basis points. An investment return excluding administrative expenses would have been 7.65 percent. Using this lower discount rate has resulted in a slightly higher total pension liability and net pension liability. This difference was deemed immaterial to the agent multiple-employer plan. However, employers may determine the impact at the rate plan level for their own financial reporting purposes. Refer to the sensitivity of the net pension liability for changes in the discount rate.

CalPERS is scheduled to review all actuarial assumptions as part of its regular Asset Liability Management review cycle that is scheduled to be completed in February 2018. Any changes to the discount rate will require Board action and proper stakeholder outreach. For these reasons, CalPERS expects to continue using a discount rate net of administrative expenses for GASB 67 and 68 calculations through at least the 2017-18 fiscal year. CalPERS will continue to check the materiality of the difference in calculation until such time as we have changed our methodology.

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, staff took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Such cash flows were developed assuming that both members and employers will make their required contributions on time and as scheduled in all future years. Using historical returns of all the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11-60 years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent.

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

**CUCAMONGA VALLEY WATER DISTRICT**

Notes to the Basic Financial Statements, continued

June 30, 2015

**(13) Defined Benefit Pension Plan, continued**

<b>Asset Class</b>	<b>New Strategic Allocation</b>	<b>Real Return Years 1 - 10 (1)</b>	<b>Real Return Years 11+ (2)</b>
Global Equity	47.00%	5.25%	5.71%
Global Fixed Income	19.00	0.99	2.43
Inflation Sensitive	6.00	0.45	3.36
Private Equity	12.00	6.83	6.95
Real Estate	11.00	4.50	5.13
Infrastructure and Forestland	3.00	4.50	5.09
Liquidity	2.00	(0.55)	(1.05)

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

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

**Pension Plan Fiduciary Net Position**

The plan fiduciary net position disclosed in the GASB 68 accounting valuation report may differ from the plan assets reported in the funding actuarial valuation report due to several reasons. First, for the accounting valuations, CalPERS must keep items such as deficiency reserves, fiduciary self-insurance and OPEB expense included as assets. These amounts are excluded for rate setting purposes in the funding actuarial valuation. In addition, differences may result from early Comprehensive Annual Financial Report closing and final reconciled reserves.

**Changes in the Net Pension Liability**

The following table shows the changes in net pension liability recognized over the measurement period.

	Increase (Decrease)		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability/(Assets) (c)=(a)-(b)
Balance at: 6/30/2013 (Valuation Date) (1)	\$ 62,827,983	\$ 43,321,632	\$ 19,506,351
Changes Recognized for the Measurement Period:			
Service Cost	1,503,857		1,503,857
Interest on the Total Pension Liability	4,682,615		4,682,615
Changes of Benefit Terms			-
Difference between Expected and Actual Experience			-
Changes of Assumptions			-
Contribution from the Employer		1,517,017	(1,517,017)
Contributions from Employees		734,040	(734,040)
Net Investment Income (2)		7,556,918	(7,556,918)
Benefit Payments including Refunds of Employee Contributions	(2,290,095)	(2,290,095)	-
Net Changes During 2013-14	3,896,377	7,517,880	(3,621,503)
Balance at: 6/30/2014 (Measurement Date) (1)	\$ 66,724,360	\$ 50,839,512	\$ 15,884,848

(1) The fiduciary net position includes receivables for employee service buybacks, deficiency reserves, fiduciary self-insurance and OPEB expense. This may differ from the plan assets reported in the funding actuarial valuation report

(2) Net of administrative expenses.

**CUCAMONGA VALLEY WATER DISTRICT**

Notes to the Basic Financial Statements, continued

June 30, 2015

**(13) Defined Benefit Pension Plan, continued**

***Sensitivity of the Net Pension Liability to Changes in the Discount Rate***

The following presents the net pension liability of the Plan as of the measurement date, calculated using the discount rate of 7.50 percent, as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (6.50 percent) or 1 percentage-point higher (8.50 percent) than the current rate:

	Discount Rate - 1% (6.50%)	Current Discount Rate (7.5%)	Discount Rate +1% (8.5%)
Plan's Net Pension Liability/(Assets) \$	25,842,671 \$	15,884,848 \$	7,738,615

***Subsequent Events***

There were no subsequent events that would materially affect the results presented in this disclosure.

***Recognition of Gains and Losses***

Under GASB 68, gains and losses related to changes in total pension liability and fiduciary net position are recognized in pension expense systematically over time.

The first amortized amounts are recognized in pension expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to pensions and are to be recognized in future pension expense.

The amortization period differs depending on the source of the gain or loss:

Difference between projected and actual earnings	5 year straight-line amortization
All other amounts	Straight-line amortization over the average expected remaining service lives of all members that are provided with benefits (active, inactive, and retired) as of the beginning of the measurement period

The expected average remaining service lifetime (EARSL) is calculated by dividing the total future service years by the total number of plan participants (active, inactive, and retired).

The EARSL for the Plan for the 2013-14 measurement period is 5.1 years, which was obtained by dividing the total service years of 1,286 (the sum of remaining service lifetimes of the active employees) by 251 (the total number of participants: active, inactive, and retired). Note that inactive employees and retirees have remaining service lifetimes equal to 0. Also note that total future service is based on the members' probability of decrementing due to an event other than receiving a cash refund.

**CUCAMONGA VALLEY WATER DISTRICT**

Notes to the Basic Financial Statements, continued

June 30, 2015

**(13) Defined Benefit Pension Plan, continued**

***Pension Expense and Deferred Outflows and Deferred Inflows of Resources Related to Pensions***

As of the start of the measurement period (July 1, 2013), the net pension liability/(asset) is \$19,506,351. For the measurement period ending June 30, 2014 (the measurement date), the District incurred a pension expense/(income) of \$1,345,605 for the Plan.

\$1,662,061 relates to deferred outflows as contributions subsequent to the measurement date and will be reported as a reduction to the net pension liability in the year ending June 30, 2016.

As of June 30, 2014, the District has deferred inflows of resources related to pensions as follows:

	<b>Deferred Inflows of Resources</b>	
Net Difference between Projected and Actual Earnings on Pension Plan		
Investments	\$	(3,450,091)
<b>Total</b>	<b>\$</b>	<b>(3,450,091)</b>

The amounts above are net of outflows and inflows recognized in the 2013-14 measurement period expense.

Amounts reported as deferred outflows and deferred inflows of resources related to pensions will be recognized in future pension expense as follows:

<b>Measurement Period ended June 30:</b>		<b>Deferred Outflows/(Inflows) of Resources</b>
2015	\$	(862,523)
2016		(862,523)
2017		(862,523)
2018		(862,523)
2019		-
Thereafter		-

**(14) Retirement Enhancement Plan**

***Plan Description***

Effective July 1, 2003, the District established the PARS Retirement Enhancement Plan (the "Plan"), a defined benefit retirement plan, to provide a supplemental retirement benefit to the employee's pension benefit from CALPERS. The Plan is currently funded through PARS, a multiple agency trust. Benefit provisions and all other requirements are established by state statute and the District. Copies of the PARS audited GAAP basis annual financial report may be obtained by writing to PO Box 12919, Newport Beach, CA 92658-2919.

**CUCAMONGA VALLEY WATER DISTRICT**

Notes to the Basic Financial Statements, continued

June 30, 2015

**(14) Retirement Enhancement Plan, continued**

**Eligibility and Benefit**

An employee is eligible to receive the Plan's benefit at retirement if employed by the District at July 1, 2003, is at least age 50 and has at least 20 years of service or 5 years of service on or after July 1, 2003. Employees hired on or after January 1, 2011 are not eligible for the Plan.

The monthly retirement benefit is equal to the difference between 1) and 2) below:

- 1) Benefit Service x Final Pay x PARS Age Factor
- 2) Benefit Service x Final Pay x CalPERS Age Factor

The CalPERS Age Factor is defined as the 2.5% at 55 Local Miscellaneous Member benefit age factor used by CalPERS determined at your age of retirement. The PARS Age Factor is determined at your age of retirement under CalPERS. Both factors by CalPERS retirement age are presented in the following table:

Retirement Age	CalPERS Age Factor	PARS Age Factor	REP
50	2.000%	2.000%	0.000%
51	2.100%	2.140%	0.040%
52	2.200%	2.280%	0.080%
53	2.300%	2.420%	0.120%
54	2.400%	2.560%	0.160%
55+	2.500%	2.700%	0.200%

Benefits are payable as a life annuity for the lifetime of the eligible employee subject to a 2% annual cost-of-living increase. Two Optional Forms of payments are also available.

**Employees Covered Table:**

Inactive employees or beneficiaries current receiving benefits:	24
Inactive employees entitled to but not yet receiving benefits:	7
Active employees	104
<b>Total:</b>	<b>135</b>

**Contribution Description**

The District currently funds the Plan through the PARS trust. As of June 30, 2013, the market value of Plan assets is \$4,633,256. The actuarial value of asset method smoothes past asset gains and losses over five years. The actuarial value of Plan assets at June 30, 2013 is \$4,769,534. The unfunded actuarial accrued liability/ (surplus) is \$643,990. The funded status of the Plan on an accrued liability basis is 88% at June 30, 2013 a decrease from the 123% reported in the June 30, 2011 valuation.

The annual required contribution for the 2013/2014 fiscal year is \$221,769 which is calculated at a rate of 2.85% of annual payroll. This amount is comprised of the present value of benefits accruing in the current fiscal year (normal cost) plus a 13-year amortization (on a level-percentage of pay basis) of the unfunded actuarial accrued liability/(surplus) at June 30, 2013. Thus, it represents a means to expense the Plan's liabilities in an orderly manner. The net pension obligation at the end of the fiscal year will reflect any contributions made during the fiscal period by the District. The District contributed \$0 and \$181,815 respectively in fiscal years 2013-14 and 2014-15. Contributions were taken from current fiduciary pension assets.

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

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**(14) Retirement Enhancement Plan, continued**

In addition to being updated for new census and asset information, the valuation reflects an update to the demographic (mortality and retirement) assumptions to reflect rates from the most recent CalPERS experience study.

***Actuarial Methods and Assumptions Used to Determine Total Pension Liability***

For the measurement period ended June 30, 2014 (the measurement date), the total pension liability was determined by rolling forward the June 30, 2013 total pension liability. The June 30, 2013 and the June 30, 2014 total pension liabilities were based on the following actuarial methods and assumptions:

Actuarial Cost Method	Entry Age Normal in accordance with the requirements of GASB Statement No. 68
Actuarial Assumptions	
Discount Rate	5.00%
Inflation	2.75%
Salary Increases	3.0% per annum, in aggregate
Investment Rate of Return	5%
Mortality Rate Table (1)	Derived using CalPERS' Membership Data for all Funds
Post Retirement Benefit Increase	Assumed to increase 2% per year

(1) The mortality table used was developed based on CalPERS' specific data. The table includes 20 years of mortality improvements using Society of Actuaries Scale BB. For more details on this table, please refer to the 2014 experience study report.

All other actuarial assumptions used in the June 30, 2013 valuation were based on the results of an actuarial experience study for the period from 1997 to 2011, including updates to salary increase, mortality and retirement rates. The Experience Study report can be obtained at CalPERS' website under Forms and Publications.

***Pension Plan Fiduciary Net Position***

The plan fiduciary net position disclosed in the GASB 68 accounting valuation report may differ from the plan assets reported in the funding actuarial valuation report due to several reasons. We have determined that the amount of the actuarial liability for the Plan as of June 30, 2013, the measurement date, is \$7,224,819. This amount represents the present value of all Plan benefits projected to be paid by the District for current and future retirees. If the District were to place this amount in a fund earning interest at the rate of 5.0% per year, and all other actuarial assumptions were met, the fund would have enough to pay all expected benefits. This includes Plan benefits for the current retirees as well as for the current active employees expected to retire in the future. This plan was closed to employees hired after January 11, 2011, therefore, the valuation does not consider employees not yet hired as of the valuation date.

If the amount of the actuarial liability is apportioned into past service, current service and future service components, the past service component (actuarial accrued liability) is \$5,413,524, and the current service component (normal cost) is \$155,755. The remaining liability reflects the service components (net yet accrued liability) to be accrued in future fiscal years.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

### (14) Retirement Enhancement Plan, continued

#### Discount Rate

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

Asset Class	Strategic Allocation	Real Return 5 Year (1)	Real Return Years 30+ (2)
U.S. Equity	33.00%	5.50%	5.20%
International Equity	12.00	5.80	5.20
Emerging Equity	5.00	5.20	5.70
Core Fixed	35.00	-1.00	3.00
Interm IG Corp	3.25	0.50	3.80
Bank Loans	3.25	0.50	2.70
High Yield	3.25	2.00	4.30
Emerging Debt	3.25	1.50	4.80
Cash	2.00	-1.00	0.80

(1) An expected rate of 2.0% inflation is used for this period.

(2) An unexpected rate of 2.5% inflation is used for this period.

#### Changes in the Net Pension Liability

The following table shows the changes in net pension liability recognized over the measurement period.

	Increase (Decrease)		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability/(Assets) (c)=(a)-(b)
Balance at: 6/30/2013 (Valuation Date)	\$ 5,413,524	\$ 4,633,256	\$ 780,268
Changes Recognized for the Measurement Period:			
Service Cost	155,755		155,755
Interest on the Total Pension Liability	275,262		275,262
Changes of Benefit Terms			-
Difference between Expected and Actual Experience			-
Changes of Assumptions			-
Contribution from the Employer			-
Contributions from Employees			-
Net Investment Income		642,211	(642,211)
Administrative Expense		(51,373)	51,373
Benefit Payments including Refunds of Employee Contributions	(128,070)	(105,433)	(22,637)
Net Changes During 2013-14	302,947	485,405	(182,458)
Balance at: 6/30/2014 (Measurement Date)	\$ 5,716,471	\$ 5,118,661	\$ 597,810

#### Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The annual required contribution is highly sensitive to some of the assumptions used in the valuation. To the extent that a single or a combination of assumptions is not met the future liability may fluctuate significantly from its current measurement.

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

**(14) Retirement Enhancement Plan, continued**

The following presents the net pension liability of the Plan as of the measurement date, calculated using the discount rate of 5%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (4 percent) or 1 percentage-point higher (6 percent) than the current rate:

	Discount Rate - 1% (4.0%)	Current Discount Rate (5.0%)	Discount Rate +1% (6.0%)
Plan's Net Pension Liability/(Assets) \$	2,320,695	\$ 597,810	\$ (692,747)

***Subsequent Events***

There were no subsequent events that would materially affect the results presented in this disclosure.

***Recognition of Gains and Losses***

Under GASB 68, gains and losses related to changes in total pension liability and fiduciary net position are recognized in pension expense systematically over time.

The first amortized amounts are recognized in pension expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to pensions and are to be recognized in future pension expense.

The amortization period differs depending on the source of the gain or loss:

Difference between projected and actual earnings	5 year straight-line amortization
All other amounts	Straight-line amortization over the average expected remaining service lives of all members that are provided with benefits (active, inactive, and retired) as of the beginning of the measurement period

***Pension Expense and Deferred Outflows and Deferred Inflows of Resources Related to Pensions***

As of the start of the measurement period (July 1, 2013), the net pension liability/(asset) is \$780,268. For the measurement period ending June 30, 2014 (the measurement date), the District incurred a pension expense/(income) of \$(182,458) for the Plan.

\$181,815 was related to deferred outflows for contributions made after the measurement date. These contributions will be recognized in fiscal year ending June 30, 2016 as a reduction to the Net Pension Liability.

**(15) Excess Benefit Plan**

***Plan Description***

Effective January 1, 2011, the District established the Excess Benefit Plan (the "Plan") to provide a benefit to participants in the PARS Retirement Enhancement Plan (REP) whose benefit is limited due to the dollar limitation under Section 415 of the Internal Revenue Code. The plan is an agent multiple employer plan. Benefit

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

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**(15) Excess Benefit Plan, continued**

provisions and all other requirements are established by state statute and the District. Copies of the PARS audited GAAP basis annual financial report may be obtained by writing to PO Box 12919, Newport Beach, CA 92658-2919.

**Eligibility**

Eligibility for the Plan requires participation in the REP. In general, the Plan will pay a benefit equal to the full REP benefit if the benefit payable under CalPERS is greater than the applicable dollar limitation at retirement. In addition, the Plan will pay a benefit equal to a portion of the REP benefit, if the combined REP and CalPERS benefit is greater than the applicable dollar limit at retirement. Employees hired on or after January 1, 2011 are not eligible for the Plan.

**Funding Policy**

The Plan is unfunded and benefits under the Plan are paid through the general fund of the District or through an Excess Benefit Plan Trust (the "Trust") that has been set up by the District through PARS. The Trust is a grantor trust held by the District subject to the claims of the District's creditors. As of June 30, 2013, the market value of assets in the Trust is \$5,241.

**Contribution Description**

The annual required contribution for the 2013/2014 fiscal year is \$180,706 (\$180,269 taking into account Trust assets). This amount is comprised of the present value of benefits accruing in the current fiscal year (normal cost) plus a 13-year amortization (on a level-percentage of pay basis) of the unfunded actuarial accrued liability/(surplus) at June 30, 2013. Thus, it represents a means to expense the plan's liabilities in an orderly manner. The net pension obligation at the end of the fiscal year will reflect any contributions made during the fiscal period by the District.

**Actuarial Methods and Assumptions Used to Determine Total Pension Liability**

For the measurement period ended June 30, 2014 (the measurement date), the total pension liability was determined by rolling forward the June 30, 2013 total pension liability. The June 30, 2013 and the June 30, 2014 total pension liabilities were based on the following actuarial methods and assumptions:

Actuarial Cost Method	Entry Age Normal in accordance with the requirements of GASB Statement No. 68
Actuarial Assumptions	
Discount Rate	3.75%
Inflation	2.75%
Salary Increases	3.0% per annum, in aggregate
Investment Rate of Return	5%
Mortality Rate Table (1)	Derived using CalPERS' Membership Data for all Funds
Post Retirement Benefit Increase	Assumed to increase 2% per year

(1) The mortality table used was developed based on CalPERS' specific data. The table includes 20 years of mortality improvements using Society of Actuaries Scale BB. For more details on this table, please refer to the 2014 experience study report.

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

**(15) Excess Benefit Plan, continued**

All other actuarial assumptions used in the June 30, 2013 valuation were based on the results of an actuarial experience study for the period from 1997 to 2011, including updates to salary increase, mortality and retirement rates. The Experience Study report can be obtained at CalPERS’ website under Forms and Publications.

**Market Value of Plan Assets**

The Plan is unfunded and benefits under the Plan are paid through the general fund of the District or through an Excess Benefit Plan Trust (the “Trust”) that has been set up by the District through PARS. The Trust is a grantor trust held by the District subject to the claims of the District’s creditors. As of June 30, 2013, the market value of assets in the Trust is \$5,241.

**Pension Plan Fiduciary Net Position**

We have determined that the amount of the actuarial liability for the Plan as of June 30, 2013, the measurement date, is \$2,226,731. This amount represents the present value of all Plan benefits projected to be paid by the District for current and future retirees. If the District were to place this amount in a fund earning interest at the rate of 3.75% per year, and all other actuarial assumptions were met, the fund would have enough to pay all expected benefits. This includes Plan benefits for the current retirees as well as for the current active employees expected to retire in the future. This plan was closed to employees hired after January 11, 2011, therefore, the valuation does not consider employees not yet hired as of the valuation date.

If the amount of the actuarial liability is apportioned into past service, current service and future service components, the past service component (actuarial accrued liability) is \$1,433,384, and the current service component (normal cost) is \$59,051. The remaining liability reflects the service components (net yet accrued liability) to be accrued in future fiscal years.

**Changes in the Net Pension Liability**

The following table shows the changes in net pension liability recognized over the measurement period.

	Increase (Decrease)		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability/(Assets) (c)=(a)-(b)
Balance at: 6/30/2013 (Valuation Date)	\$ 1,433,384	\$ 5,241	\$ 1,428,143
Changes Recognized for the Measurement Period:			
Service Cost	59,051		59,051
Interest on the Total Pension Liability	55,507		55,507
Changes of Benefit Terms			-
Difference between Expected and Actual Experience			-
Changes of Assumptions			-
Contribution from the Employer		22,330	(22,330)
Contributions from Employees			-
Net Investment Income		106	(106)
Administrative Expense		(48)	48
Benefit Payments including Refunds of Employee Contributions	(24,485)	(24,226)	(259)
Net Changes During 2013-14	90,073	(1,838)	91,911
Balance at: 6/30/2014 (Measurement Date)	\$ 1,523,457	\$ 3,403	\$ 1,520,054

**CUCAMONGA VALLEY WATER DISTRICT**

Notes to the Basic Financial Statements, continued

June 30, 2015

**(15) Excess Benefit Plan, continued**

***Sensitivity of the Net Pension Liability to Changes in the Discount Rate***

The annual required contribution is highly sensitive to some of the assumptions used in the valuation. To the extent that a single or a combination of assumptions is not met the future liability may fluctuate significantly from its current measurement.

The following presents the net pension liability of the Plan as of the measurement date, calculated using the discount rate of 3.75 percent, as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (2.75 percent) or 1 percentage-point higher (4.75 percent) than the current rate:

	Discount Rate - 1% (2.75%)	Current Discount Rate (3.75%)	Discount Rate +1% (4.75%)
Plan's Net Pension Liability/(Assets) \$	2,182,022	1,520,054	1,043,619

***Subsequent Events***

There were no subsequent events that would materially affect the results presented in this disclosure.

***Recognition of Gains and Losses***

Under GASB 68, gains and losses related to changes in total pension liability and fiduciary net position are recognized in pension expense systematically over time.

The first amortized amounts are recognized in pension expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to pensions and are to be recognized in future pension expense.

The amortization period differs depending on the source of the gain or loss:

Difference between projected and actual earnings	5 year straight-line amortization
All other amounts	Straight-line amortization over the average expected remaining service lives of all members that are provided with benefits (active, inactive, and retired) as of the beginning of the measurement period

***Pension Expense and Deferred Outflows and Deferred Inflows of Resources Related to Pensions***

As of the start of the measurement period (July 1, 2013), the net pension liability/(asset) is \$1,030,162. For the measurement period ending June 30, 2014 (the measurement date), the District incurred a pension expense/(income) of \$114,241 for the Plan.

\$24,360 relates to deferred outflows as contributions subsequent to the measurement date and will be reported as a reduction to the net pension liability in the year ending June 30, 2016.

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

### (16) Other Post-Employment Benefits

#### Plan Description

The District administers a single-employer defined benefit healthcare plan which provides medical insurance benefits to eligible retirees and their eligible dependents in accordance with District ordinances.

#### Eligibility

Employees are eligible for retiree health care benefits according to the following matrix:

	<u>Minimum Age at Retirement</u>	<u>Years of Service with District</u>	<u>Coverage Provided</u>
Tier 1 - Hired Before 11/1/2006 and Executives	50	10	Employee Only
Tier 2 - Hired Between 11/1/2006 & 1/1/2011	50	25	Employee Only
Tier 3 - Hired Before 11/1/2011 and Executives	60	15	Employee and Dependents
Tier 4 - Hired Between 11/1/2006 & 1/1/2011 and Executives	50	20	Employee and Dependents
Tier 5 - Hired After 1/1/2011	-	5	Health Reimbursement Account

Employees hired on or after January 1, 2011 are enrolled in a defined contribution health savings plan after five years of employment.

#### Funding Policy

Retirees must pay the portion of the coverage, if any, not covered by their benefits. The required contribution is based on projected pay-as-you-go financing requirements, with an additional amount to prefund benefits as determined annually by the District's Board of Directors benefits which is deposited into the California Employers Retiree Benefits Trust Fund, an IRC Section 115 trust fund administered by CalPERS. For fiscal year 2015, the District contributed \$960,000 to the plan, including \$314,515 for current premiums (approximately 84% of the total premiums) and an additional \$645,485 to prefund. Plan members receiving benefits contributed \$60,689, or approximately 16% of the total premiums.

#### Annual OPEB Cost and Net OPEB Obligation

The District's annual other post-employment benefit (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 cost 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 year, the amount actually contributed to the plan, and changes in the District's net OPEB obligation:

Annual required contribution	\$ 1,373,302
Contributions made	<u>(960,000)</u>
Increase in net OPEB obligation	413,302
Net OPEB obligation - beginning of year	<u>2,670,315</u>
Net OPEB obligation - end of year	<u>\$ 3,083,617</u>

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (16) Other Post-Employment Benefits, continued

The District's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation for 2009 (the year of implementation) and 2015 were as follows:

<u>Fiscal Year</u>	<u>Annual OPEB Cost</u>	<u>% of Annual OPEB Cost Contributed</u>	<u>Net OPEB Obligation</u>
2013	\$ 1,309,575	69.4%	\$ 2,325,163
2014	1,377,152	74.9%	2,670,315
2015	1,373,302	69.9%	3,083,617

### **Funded Status and Funding Progress**

As of June 30, 2013, the most recent actuarial valuation date, the plan was 10.6% funded. The actuarial accrued liability for benefits was \$12,142,358, the actuarial value of assets was \$2,812,983 and the unfunded actuarial accrued liability (UAAL) was \$9,329,375. The covered payroll (annual payroll of active employees covered by the plan) was \$8,144,000 and the ratio of the UAAL to the covered payroll was 115%.

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include 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, presented as required supplementary information following the notes to the financial statements, 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 the 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.

In the June 30, 2013 actuarial valuation, the entry age actuarial cost method was used. The actuarial assumptions included a rate of return of 7.00% initially, increased by increments to an ultimate rate of 7.61% (net of administrative expenses), which is a blended rate of the expected long-term investment returns on plan assets and on the District's own investments calculated based on the funded level of the plan at the valuation date, and annual healthcare cost trend rates of 7.0% to 7.5% initially, reduced by decrements to an ultimate rate of 5.0% after eight years. Both rates included a 3% inflation assumption. The actuarial value of assets was determined using techniques that spread the effects of short-term volatility in the market value of investments over a five-year period. The UAAL is being amortized as a level percentage of projected payroll on an open basis. The remaining amortization period at June 30, 2015, was 24 years.

**CUCAMONGA VALLEY WATER DISTRICT**

*Notes to the Basic Financial Statements, continued*

June 30, 2015

**(17) Risk Management**

The District is exposed to various risks of loss related to torts, theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The District has purchased various insurance policies to manage the potential liabilities that may occur from the previously named sources and is a member of the Association of California Water Agencies Joint Powers Insurance Authority (“Authority”). The Authority is a risk-pooling, self-insurance authority, created under provisions of California Government Code Sections 6500 et. seq. The purpose of the Authority is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage. At June 30, 2015, the District participated in the liability and property programs of the Authority as follows:

Property Loss: Insured up to replacement value with \$25,000 deductible per occurrence for buildings, personal property, fixed equipment, and catastrophic coverage. The deductible for mobile equipment is \$5,000. The deductible on vehicles is \$5,000. The boiler and machinery deductible varies on incident. There is a \$150,000,000 program limit with replacement value. These deductible vary based on the property type. The Authority is self-insured up to \$100,000 per occurrence and has purchased excess insurance coverage in the amount of \$50,000,000.

General Liability: The District is insured for general liability through ACWA/JPIA up to \$2,000,000 per occurrence, and ACWA/JPIA has purchased additional coverage from commercial insurers, subject to policy aggregate limits.

Auto Liability: The District is insured for automobile liability through ACWA/JPIA up to \$2,000,000 per occurrence, and ACWA/JPIA has purchased additional coverage from commercial insurers, subject to policy aggregate limits.

Public Officials’ and Employees’ Errors and Omissions: The District is insured for through ACWA/JPIA up to \$2,000,000 per occurrence, and ACWA/JPIA has purchased additional coverage from commercial insurers, subject to policy aggregate limits.

Workers Compensation: The District is insured to statutory requirements.

In addition to the above, the Authority also has purchased insurance coverage as follows:

Fidelity Coverage: \$100,000 total insurance with a \$1,000 deductible covering public employee dishonesty, forgery or alteration, and computer fraud.

Settled claims have not exceeded any of the coverage amounts in any of the last three fiscal year and there were no reductions in the District’s insurance coverage during the years ending June 30, 2015, 2014 and 2013. Liabilities are recorded when it is probable that a loss has been incurred and the amount of the loss can be reasonably estimated net of the respective insurance coverage. Liabilities include an amount for claims that have been incurred but not reported (IBNR). There were no IBNR claims payable as of June 30, 2015, 2014 and 2013.

**(18) Commitments and Contingencies**

***Construction Commitments***

The District has entered into several material construction contracts. The following schedule lists the major contractual commitments as of June 30, 2015:

Project	Vendor	Amount
Water Treatment Plant Expansion Construction	SSC Construction	\$ 2,211,428

## CUCAMONGA VALLEY WATER DISTRICT

Notes to the Basic Financial Statements, continued

June 30, 2015

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### (18) Commitments and Contingencies, continued

#### **Grant Awards**

Grant funds received by the District are subject to audit by the grantor agencies. Such audit could lead to requests for reimbursements to the grantor agencies for expenditures disallowed under terms of the grant. Management of the District believes that such disallowances, if any, would not be significant.

#### **Litigation**

In the ordinary course of operations, the District is subject to claims and litigation from outside parties. After consultation with legal counsel, the District believes the ultimate outcome of such matters, if any, will not materially affect its financial condition.

San Bernardino Valley Municipal Water District et al. vs. San Gabriel Valley Water Company et al., San Bernardino Superior Court Case No. CIV DS1311085. This case was filed September 12, 2013, and alleges that defendants San Gabriel Water Company and Fontana Union Water Company have extracted more water from the Rialto-Colton Groundwater Basin than permitted under a 1961 decree. It alleges damages in an unknown amount and also seeks an injunction and other remedies. The case is currently in the discovery stage.

The District is not a named party to the lawsuit, but it is potentially affected by the lawsuit in three ways: (1) The District is the majority owner of Fontana Union Water Company. (2) The District is entitled to a portion of the water pumped by San Gabriel Water Company from the Rialto-Colton Basin, and is compensated by San Gabriel Water Company for that water. Thus, if San Gabriel Water Company and Fontana Union Water Company are forced to reduce pumping, the District will lose revenue. (3) Under Fontana Union Water Company's approved bankruptcy reorganization plan, if its production of water in the Rialto-Colton Basin is limited by court order, the District is obligated to reduce its water production from the Chino Basin. This may in turn force the District to Purchase more expensive water.

On October 13, 2014, the District's Board of Directors agreed to intervene in the lawsuit with the goal to assist the parties to reach a resolution. The defendants in the lawsuit are contesting the matter vigorously. The District believes there are meritorious defenses. However, the District's attorney is unable to characterize the likelihood of an unfavorable outcome as either probable or remote. Similarly, the attorney is unable to estimate the amount or range of potential loss, should an unfavorable outcome occur.

### (19) Subsequent Events

On July 21, 2015 the District purchased property at 13148 East 23<sup>rd</sup> Street in Rancho Cucamonga for \$1,556,120. Also, on August 31, 2015 the District purchased property at 13054 23<sup>rd</sup> Street in Rancho Cucamonga for \$616,044. Both properties were purchased with the purpose of increasing water supply reliability, treatment expansion, enhanced site access, and additional operations related to the treatment and distribution of drinking water.

### (20) Prior Period Adjustment

The beginning net position has been decreased in all funds in the amount of \$20,395,643 to include the beginning balance of the CalPERS, PARS Retirement Enhancement, and the Excess Benefit pension plan obligations in accordance with the implementation of GASB Statement No. 68.

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## **Required Supplementary Information**

**CUCAMONGA VALLEY WATER DISTRICT**

*Defined Benefit Pension Plan (PERS)*

*Schedule of Changes in Net Pension Liability and Related Ratios*

As of June 30, for the Last Ten Fiscal Years (1)

<b>MEASUREMENT PERIOD</b>	<u><b>2015</b></u>
<b>TOTAL PENSION LIABILITY</b>	
Service Cost	\$ 1,503,857
Interest	4,682,615
Changes of Benefits Terms	-
Difference Between expected and Actual Experience	-
Changes in Assumptions	-
Benefit Payments, Including Refunds of employee Contributions	(2,290,095)
<b>Net Change in Total Pension Liability</b>	<u><b>\$ 3,896,377</b></u>
<b>Total Pension Liability - Beginning</b>	<u><b>62,827,983</b></u>
<b>Total Pension Liability - Ending (a)</b>	<u><u><b>\$ 66,724,360</b></u></u>
<b>PLAN FIDUCIARY NET POSITION</b>	
Contribution - Employer	\$ 1,517,017
Contribution - Employee	734,040
Net Investment Income	7,556,918
Benefit Payments, Including Refunds of Employee Contributions	(2,290,095)
Other Changes in Fiduciary Net Position	-
<b>Net Change in Fiduciary Net Position</b>	<u><b>\$ 7,517,880</b></u>
<b>Plan Fiduciary Net Position - Beginning</b>	<u><b>43,321,632</b></u>
<b>Plan Fiduciary Net Position - Ending (b)</b>	<u><u><b>\$ 50,839,512</b></u></u>
<b>Plan Net Pension Liability/(Assets) - Ending (a) - (b)</b>	<u><u><b>\$ 15,884,848</b></u></u>
<b>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</b>	<b>76.19%</b>
<b>Covered-Employee Payroll</b>	<b>\$ 8,972,359</b>
<b>Plan Net Pension Liability/(Asset) as a Percentage of Covered-Employee Payroll</b>	<b>177.04%</b>

(1) Historical information is required only for measurement for which GASB 68 is applicable. Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

(2) Net of administrative expenses.

**Notes to Schedule:**

Benefit Changes: There were no changes in benefits

Changes of Assumptions: There were no changes in assumptions

**CUCAMONGA VALLEY WATER DISTRICT**

*Defined Benefit Pension Plan (PERS)*

*Schedule of Plan Contributions*

As of June 30, for the Last Ten Fiscal Years (1)

	<u>2015</u>
Actuarially Determined Contribution	\$ 1,662,061
Contribution in Relation to the Actuarially Determined Contribution	(1,662,061)
Contribution Deficiency (Excess)	<u>\$ -</u>
Covered-Employee Payroll	9,445,181
Contributions as a Percentage of Covered-Employee Payroll	17.60%

(1) Historical information is required only for measurement for which GASB 68 is applicable. Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

**Note to Schedule:**

Valuation Date: June 30, 2013

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry age normal
Amortization method	Level percentage of payroll, closed
Remaining amortization period	20 years
Assets valuation method	3-year smoothed market
Inflation	2.75%
Salary Increases	Varies by entry age and service
Investment rate of return	7.50% net of pension investment and administrative expenses, including inflation.

Retirement age The probabilities of retirement are based on the 2010 CalPERS Experience Study for the period from 1997 to 2007.

Mortality The probabilities of mortality are based on the 2010 CalPERS Experience Study for the period from 1997 to 2007. Pre-retirement and post-retirement mortality rates include 5 years of projected mortality improvement using Scale AA published by the Society of Actuaries.

**CUCAMONGA VALLEY WATER DISTRICT**

*Retirement Enhancement Pension Plan (PARS)*

*Schedule of Changes in Net Pension Liability and Related Ratios*

As of June 30, for the Last Ten Fiscal Years (1)

<b>MEASUREMENT PERIOD</b>	<u><b>2015</b></u>
<b>TOTAL PENSION LIABILITY</b>	
Service Cost	\$ 155,755
Interest	275,262
Changes of Benefits Terms	-
Difference Between expected and Actual Experience	-
Changes in Assumptions	-
Benefit Payments, Including Refunds of employee Contributions	(128,070)
<b>Net Change in Total Pension Liability</b>	<b>\$ 302,947</b>
<b>Total Pension Liability - Beginning</b>	<b>5,413,524</b>
<b>Total Pension Liability - Ending (a)</b>	<b>\$ 5,716,471</b>
<b>PLAN FIDUCIARY NET POSITION</b>	
Contribution - Employer	\$ -
Contribution - Employee	-
Net Investment Income	642,211
Benefit Payments, Including Refunds of Employee Contributions	(105,433)
Other Changes in Fiduciary Net Position	(51,373)
<b>Net Change in Fiduciary Net Position</b>	<b>\$ 485,405</b>
<b>Plan Fiduciary Net Position - Beginning</b>	<b>4,633,256</b>
<b>Plan Fiduciary Net Position - Ending (b)</b>	<b>\$ 5,118,661</b>
<b>Plan Net Pension Liability/(Assets) - Ending (a) - (b)</b>	<b>\$ 597,810</b>
<b>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</b>	<b>89.54%</b>
<b>Covered-Employee Payroll</b>	<b>\$ 8,028,000</b>
<b>Plan Net Pension Liability/(Asset) as a Percentage of Covered-Employee Payroll</b>	<b>7.45%</b>

(1) Historical information is required only for measurement for which GASB 68 is applicable. Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

(2) Net of administrative expenses.

**Notes to Schedule:**

Benefit Changes: There were no changes in benefits

Changes of Assumptions: There were no changes in assumptions

**CUCAMONGA VALLEY WATER DISTRICT**  
*Retirement Enhancement Pension Plan (PARS)*  
*Schedule of Plan Contributions*  
As of June 30, for the Last Ten Fiscal Years (1)

	<u>2015</u>
Actuarially Determined Contribution	\$ 181,815
Contribution in Relation to the Actuarially Determined Contribution	(181,815)
Contribution Deficiency (Excess)	<u>\$ -</u>
 Covered-Employee Payroll	 8,028,000
 Contributions as a Percentage of Covered-Employee Payroll	 2.26%

(1) Historical information is required only for measurement for which GASB 68 is applicable. Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

**Note to Schedule:**

Valuation Date:	June 30, 2013
Methods and assumptions used to determine contribution rates:	
Actuarial cost method	Entry age normal
Amortization method	Level percentage of payroll, closed
Remaining amortization period	13 years
Assets valuation method	5-year
Inflation	2.75%
Salary Increases	3.0% per annum, in aggregate
Investment rate of return	5.0% net of pension investment and administrative expenses, including inflation.
 Retirement age	 The probabilities of retirement are based on the 2010 CalPERS Experience Study for the period from 1997 to 2007.
 Mortality	 The probabilities of mortality are based on the 2010 CalPERS Experience Study for the period from 1997 to 2007. Pre-retirement and post-retirement mortality rates include 5 years of projected mortality improvement using Scale AA published by the Society of Actuaries.

**CUCAMONGA VALLEY WATER DISTRICT**

*Excess Benefit Pension Plan*

*Schedule of Changes in Net Pension Liability and Related Ratios*

As of June 30, for the Last Ten Fiscal Years (1)

<b>MEASUREMENT PERIOD</b>	<u>2015</u>
<b>TOTAL PENSION LIABILITY</b>	
Service Cost	\$ 59,051
Interest	55,507
Changes of Benefits Terms	-
Difference Between expected and Actual Experience	-
Changes in Assumptions	-
Benefit Payments, Including Refunds of employee Contributions	(24,485)
<b>Net Change in Total Pension Liability</b>	<b>\$ 90,073</b>
<b>Total Pension Liability - Beginning</b>	<b>1,433,384</b>
<b>Total Pension Liability - Ending (a)</b>	<b>\$ 1,523,457</b>
<b>PLAN FIDUCIARY NET POSITION</b>	
Contribution - Employer	\$ 22,330
Contribution - Employee	-
Net Investment Income	106
Benefit Payments, Including Refunds of Employee Contributions	(24,226)
Other Changes in Fiduciary Net Position	(48)
<b>Net Change in Fiduciary Net Position</b>	<b>\$ (1,838)</b>
<b>Plan Fiduciary Net Position - Beginning</b>	<b>5,241</b>
<b>Plan Fiduciary Net Position - Ending (b)</b>	<b>\$ 3,403</b>
<b>Plan Net Pension Liability/(Assets) - Ending (a) - (b)</b>	<b>\$ 1,520,054</b>
<b>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</b>	<b>0.22%</b>
<b>Covered-Employee Payroll</b>	<b>\$ 8,028,000</b>
<b>Plan Net Pension Liability/(Asset) as a Percentage of Covered-Employee Payroll</b>	<b>18.93%</b>

(1) Historical information is required only for measurement for which GASB 68 is applicable. Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

(2) Net of administrative expenses.

**Notes to Schedule:**

Benefit Changes: There were no changes in benefits

Changes of Assumptions: There were no changes in assumptions

# CUCAMONGA VALLEY WATER DISTRICT

## Excess Benefit Pension Plan

### Schedule of Plan Contributions

As of June 30, for the Last Ten Fiscal Years (1)

	<u>2015</u>
Actuarially Determined Contribution	\$ 24,360
Contribution in Relation to the Actuarially Determined Contribution	(24,360)
Contribution Deficiency (Excess)	<u>\$ -</u>
Covered-Employee Payroll	8,028,000
Contributions as a Percentage of Covered-Employee Payroll	0.30%

(1) Historical information is required only for measurement for which GASB 68 is applicable. Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

#### Note to Schedule:

Valuation Date:	June 30, 2013
Methods and assumptions used to determine contribution rates:	
Actuarial cost method	Entry age normal
Amortization method	Level percentage of payroll, closed
Remaining amortization period	15 years
Assets valuation method	5-year
Inflation	2.75%
Salary Increases	Varies by entry age and service
Investment rate of return	7.50% net of pension investment and administrative expenses, including inflation.
Retirement age	The probabilities of retirement are based on the 2010 CalPERS Experience Study for the period from 1997 to 2007.
Mortality	The probabilities of mortality are based on the 2010 CalPERS Experience Study for the period from 1997 to 2007. Pre-retirement and post-retirement mortality rates include 5 years of projected mortality improvement using Scale AA published by the Society of Actuaries.

# CUCAMONGA VALLEY WATER DISTRICT

Other Post-Employment Benefits Plan

Schedule of Funding Progress

For the Year Ended June 30, 2015

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## Schedule of Funding Progress

The Schedule of Funding Progress below shows the recent history of the actuarial value of assets, actuarial accrued liability, their relationship, and the relationship of the unfunded actuarial accrued liability to payroll. The schedule of funding progress, presented below presents multiyear trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

Valuation Date	Normal Accrued Liability [A]	of Assets [B]	Liability (Excess Assets) [A-B]	Ratio [B/A]	Covered Payroll [C]	Assets as a % of Payroll [(A-B)/C]
June 30, 2010	14,051,000	902,000	13,149,000	6.4%	8,803,000	149.4%
June 30, 2011	13,320,000	1,416,000	11,904,000	10.6%	8,213,000	144.9%
June 30, 2013	14,955,000	2,813,000	12,142,000	18.8%	7,907,000	153.6%

# **Statistical Section**



# CUCAMONGA VALLEY WATER DISTRICT

## Statistical Section

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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 No.</u>
Financial Trends These schedules contain information to help the reader understand how the District’s financial performance and well-being have changed over time.	60-63
Revenue Capacity These schedules contain information to help the reader assess the District’s most significant own-source revenue, water sales.	65-67
Debt Capacity 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.	68-69
Demographic Information These schedules offer demographic indicators to help the reader understand the environment within which the District’s financial activities take place.	70-71
Operating Information These schedules contains service and infrastructure data to help the reader understand how the information in the District’s financial report relates to the service provided by the District.	72-73

## CUCAMONGA VALLEY WATER DISTRICT

### Changes in Net Position and Net Position by Component

Last Ten Fiscal Years

	Fiscal Year			
	2006	2007	2008	2009
<b>Changes in net position:</b>				
Operating revenues (see Schedule 2)	\$ 49,868,993	\$ 54,829,916	\$ 57,450,068	\$ 55,672,904
Operating expenses (see Schedule 3)	<u>(44,767,752)</u>	<u>(50,379,152)</u>	<u>(54,977,001)</u>	<u>(57,386,251)</u>
Operating income(loss)	<u>5,101,241</u>	<u>4,450,764</u>	<u>2,473,067</u>	<u>(1,713,347)</u>
Non-operating revenues(expenses)				
Investment income	1,556,269	4,122,607	3,102,442	2,093,797
Taxes and assessments	108	506	47	39
Rent and lease revenue	119,982	212,077	209,525	199,636
Interest expense	(6,957,421)	(7,501,456)	(7,666,073)	(8,144,911)
Amortization of deferred charge on refunding	(183,963)	(176,783)	(174,390)	(179,187)
Gain (loss) on disposal of assets	52,078	25,328	(466,311)	89,965
Other nonoperating revenues	1,862,992	3,671,174	4,322,277	1,828,633
Other nonoperating expenses	<u>(545,344)</u>	<u>(1,089,950)</u>	<u>(2,759,643)</u>	<u>(1,281,167)</u>
Total non-operating revenues(expenses), net	<u>(4,095,299)</u>	<u>(736,497)</u>	<u>(3,432,126)</u>	<u>(5,393,195)</u>
Net income before capital contributions	1,005,942	3,714,267	(959,059)	(7,106,542)
Capital contributions	10,660,815	16,641,858	4,006,780	1,484,108
Extraordinary items	<u>(3,469,677)</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Changes in net position</b>	<u>\$ 8,197,080</u>	<u>\$ 20,356,125</u>	<u>\$ 3,047,721</u>	<u>\$ (5,622,434)</u>
<b>Net position by component:</b>				
Net investment in capital assets	\$191,051,334	\$208,455,979	\$214,232,848	\$217,733,045
Unrestricted	<u>65,168,570</u>	<u>68,120,050</u>	<u>65,390,902</u>	<u>55,215,878</u>
<b>Total net position</b>	<u>\$256,219,904</u> <sup>(1)</sup>	<u>\$276,576,029</u>	<u>\$279,623,750</u>	<u>\$272,948,923</u> <sup>(2)</sup>

#### Notes:

- (1) The District made a prior period adjustment of (\$1,449,879).
- (2) The District made a prior period adjustment of (\$1,052,393).
- (3) The District made a net prior period adjustment of (\$67,589).
- (4) The District made a net prior period adjustment of (\$20,395,643).

**SOURCE:** Cucamonga Valley Water District – Accounting Division

Fiscal Year					
2010	2011	2012	2013	2014	2015
\$ 61,108,993	\$ 65,781,091	\$ 74,705,240	\$ 77,575,410	\$ 83,426,225	\$ 77,904,102
(60,061,448)	(58,192,485)	(61,486,795)	(62,940,607)	(67,892,079)	(67,584,114)
<u>1,047,545</u>	<u>7,588,606</u>	<u>13,218,445</u>	<u>14,634,803</u>	<u>15,534,146</u>	<u>10,319,988</u>
1,938,155	892,000	743,118	208,488	929,941	755,174
38	11	11	10	12	35
246,329	214,842	243,668	278,934	375,700	405,027
(8,915,969)	(8,137,741)	(7,502,696)	(8,493,530)	(7,321,681)	(6,814,957)
(193,578)	(199,334)	82,749	(8,643)	303,225	(150,560)
335,387	223,398	21,935	31,565	(16,526)	84,155
6,122,507	1,315,961	2,054,305	900,483	1,634,133	6,124,244
(4,045,032)	(947,727)	(945,085)	(979,443)	(1,460,637)	(984,585)
<u>(4,512,163)</u>	<u>(6,638,590)</u>	<u>(5,301,995)</u>	<u>(8,062,136)</u>	<u>(5,555,833)</u>	<u>(581,467)</u>
(3,464,618)	950,016	7,916,450	6,572,667	9,978,313	9,738,521
2,845,995	1,931,751	1,404,950	3,164,707	5,352,641	2,627,376
-	-	-	-	-	-
<u>\$ (618,623)</u>	<u>\$ 2,881,767</u>	<u>\$ 9,321,400</u>	<u>\$ 9,737,374</u>	<u>\$ 15,330,954</u>	<u>\$ 12,365,897</u>
\$207,808,294	\$206,948,235	\$215,183,046	\$248,304,834	\$212,123,526	\$219,737,010
<u>64,522,006</u>	<u>68,263,832</u>	<u>69,350,421</u>	<u>45,898,418</u>	<u>97,410,680</u>	<u>81,767,450</u>
<u>\$272,330,300</u>	<u>\$275,212,067</u>	<u>\$284,533,467</u>	<u>\$294,203,252</u> <sup>(3)</sup>	<u>\$309,534,206</u>	<u>\$301,504,460</u> <sup>(4)</sup>

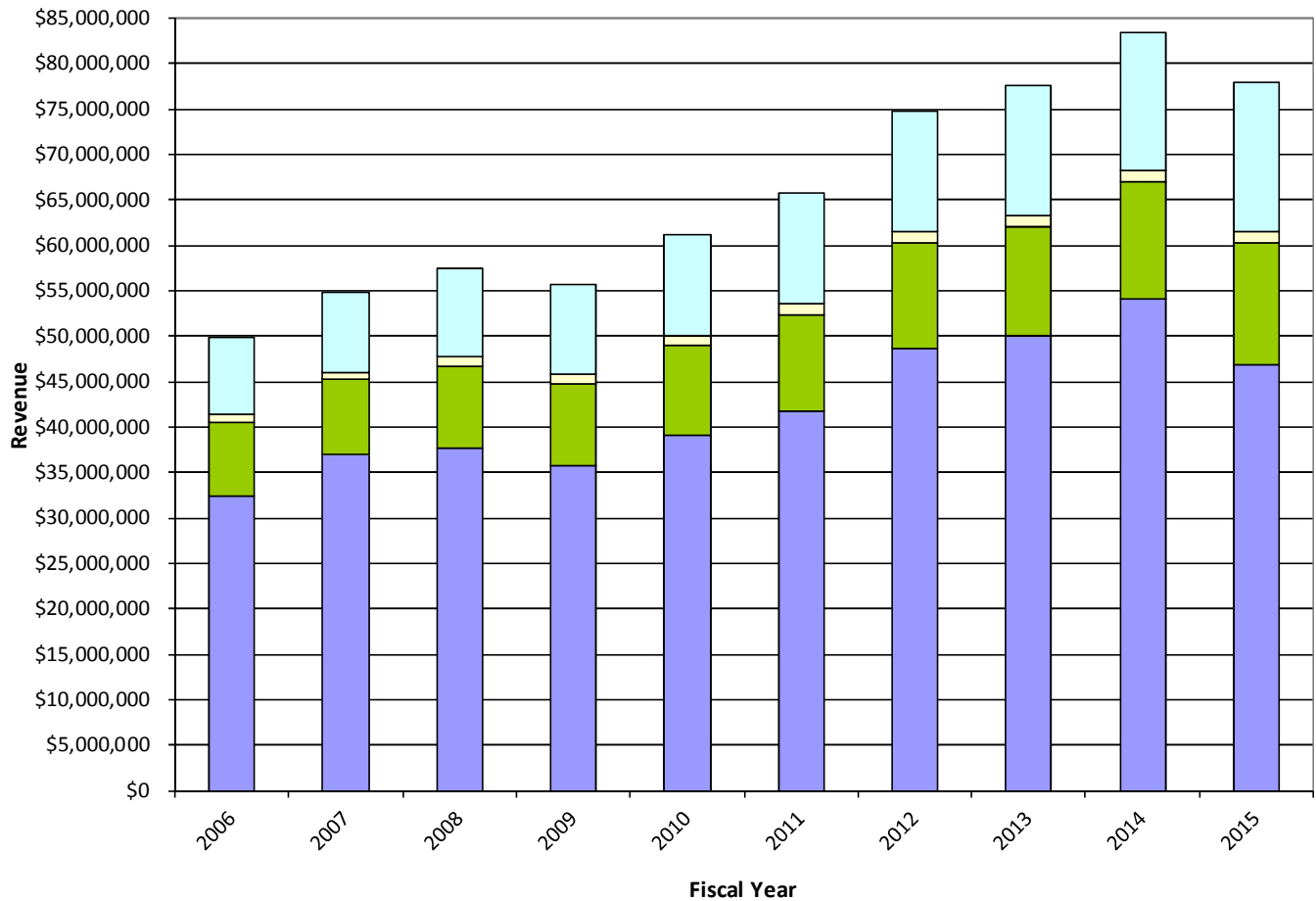
# CUCAMONGA VALLEY WATER DISTRICT

## Operating Revenue by Source

Last Ten Fiscal Years

Schedule 2

Fiscal Year	Water Sales	Meter Charges	Water Services	Sewer Services	Total Operating Revenue
2006	\$ 32,321,386	\$ 8,206,918	\$ 896,088	\$ 8,444,601	\$ 49,868,993
2007	36,936,005	8,249,983	851,431	8,792,497	54,829,916
2008	37,743,239	9,001,080	1,022,487	9,683,262	57,450,068
2009	35,682,801	9,051,765	1,026,873	9,911,465	55,672,904
2010	39,134,526	9,809,685	1,047,195	11,117,587	61,108,993
2011	41,676,752	10,647,664	1,154,225	12,302,450	65,781,091
2012	48,675,139	11,532,573	1,291,048	13,206,480	74,705,240
2013	49,983,058	12,122,798	1,229,893	14,239,661	77,575,410
2014	54,134,874	12,814,590	1,248,185	15,228,576	83,426,225
2015	46,811,236	13,442,140	1,243,752	16,406,974	77,904,102



SOURCE: Cucamonga Valley Water District – Accounting Division

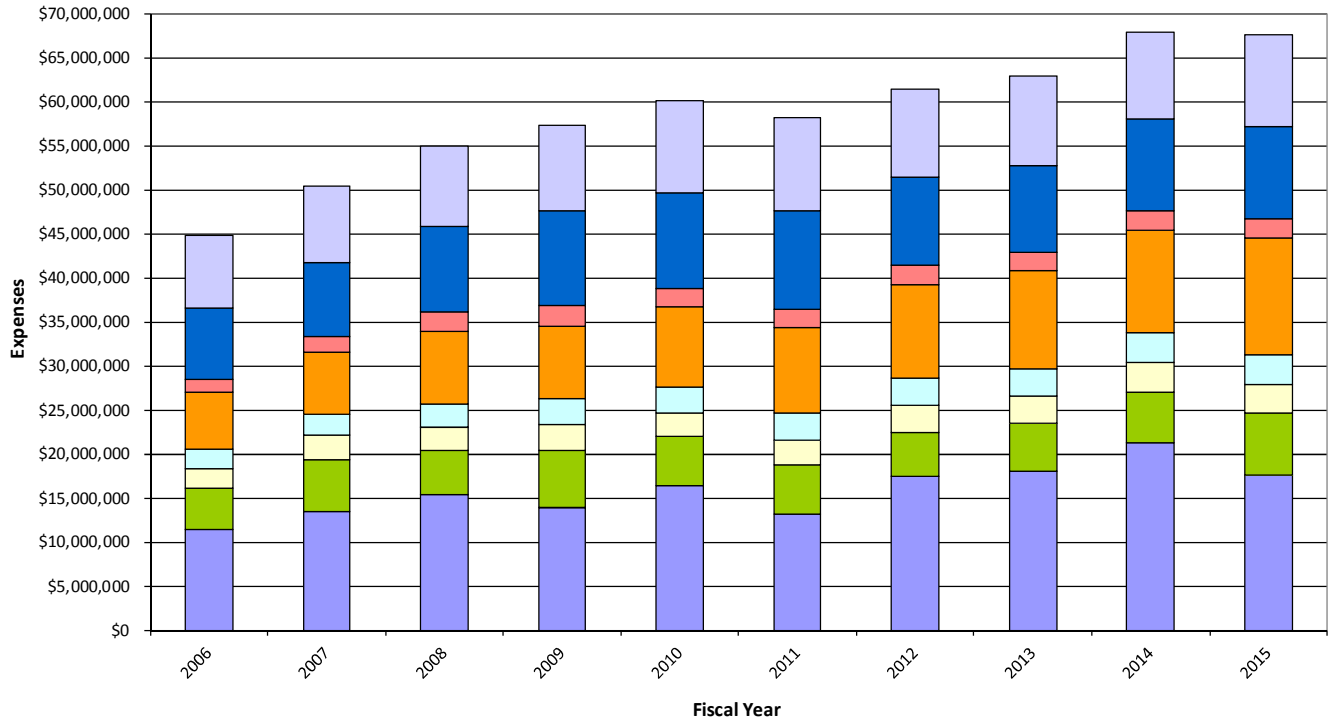
# CUCAMONGA VALLEY WATER DISTRICT

## Operating Expenses by Activity

Last Ten Fiscal Years

Schedule 3

Fiscal Year	Source of Supply	Pumping Operations	Water Treatment	Transmission and Distribution	Collection and Transmission	Customer Accounts	General and Administrative	Depreciation and Amortization	Total Operating Expenses
2006	\$ 11,505,240	\$ 4,612,986	\$ 2,269,544	\$ 2,131,329	\$ 6,459,565	\$ 1,532,818	\$ 8,128,277	\$ 8,127,993	\$ 44,767,752
2007	13,499,965	5,946,376	2,667,204	2,353,289	7,080,358	1,747,498	8,491,462	8,593,000	50,379,152
2008	15,410,729	4,944,428	2,747,185	2,573,217	8,281,559	2,139,143	9,723,052	9,157,688	54,977,001
2009	13,999,196	6,426,333	2,900,825	2,928,555	8,344,368	2,301,799	10,776,455	9,708,720	57,386,251
2010	16,387,130	5,659,006	2,674,214	2,828,207	9,174,247	2,080,551	10,915,992	10,342,101	60,061,448
2011	13,188,936	5,625,091	2,733,477	3,125,140	9,679,819	2,071,599	11,213,478	10,554,945	58,192,485
2012	17,506,123	4,908,418	3,161,739	3,134,960	10,547,211	2,134,887	10,030,142	10,063,315	61,486,795
2013	18,006,105	5,491,422	3,134,158	3,104,700	11,116,847	2,044,545	9,840,029	10,202,801	62,940,607
2014	21,286,846	5,707,682	3,431,498	3,436,889	11,622,712	2,115,655	10,479,755	9,811,042	67,892,079
2015	17,671,304	6,932,863	3,269,903	3,399,409	13,326,807	2,172,880	10,473,636	10,337,312	67,584,114



SOURCE: Cucamonga Valley Water District – Accounting Division

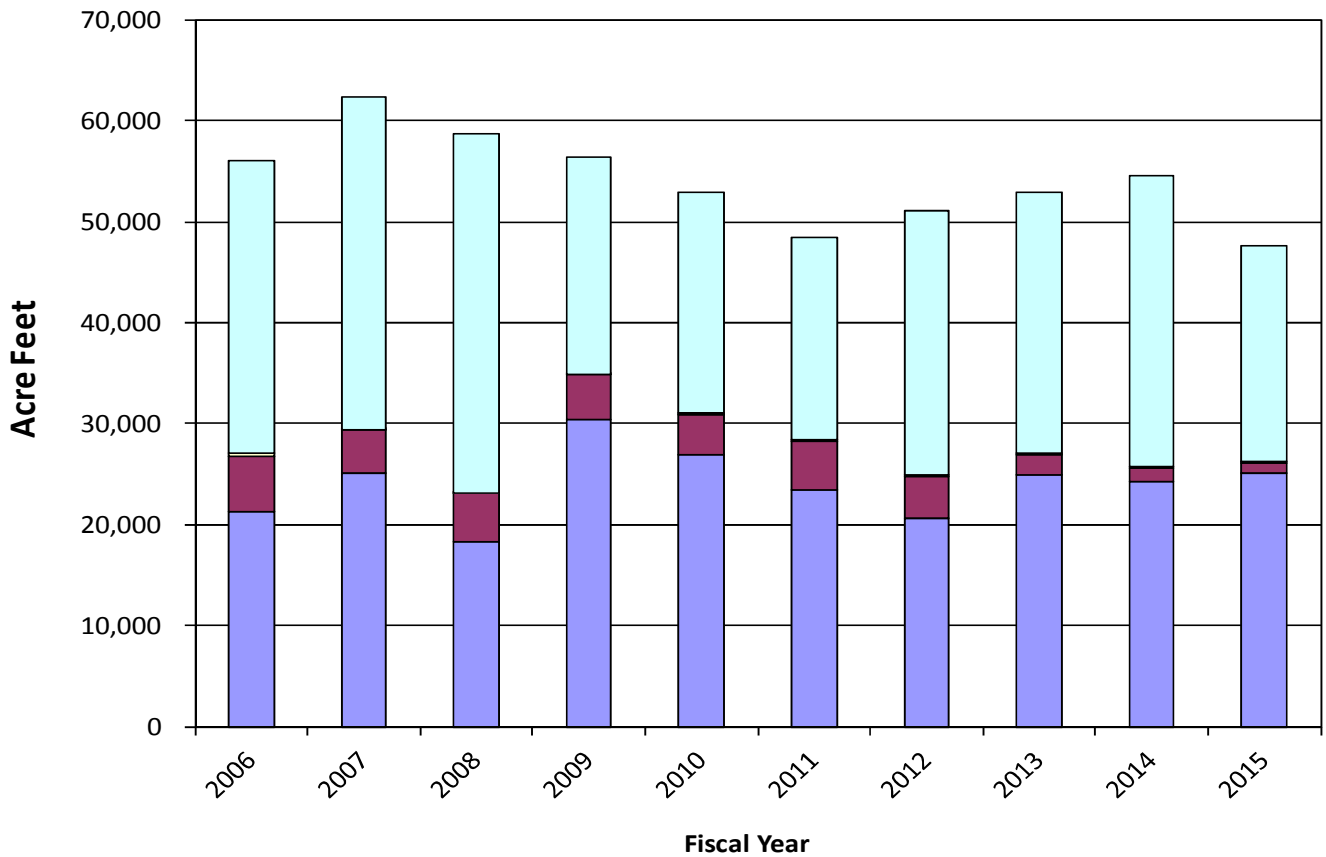
**CUCAMONGA VALLEY WATER DISTRICT**

*Water Production in Acre Feet*

Last Ten Fiscal Years

Schedule 4

Fiscal Year	Source				Total Production
	Groundwater	Local Surface Water	Spring Water	Imported Water	
2006	21,255	5,575	211	29,092	56,133
2007	25,095	4,249	119	32,825	62,288
2008	18,335	4,769	78	35,454	58,636
2009	30,359	4,479	102	21,465	56,405
2010	26,864	4,034	170	21,782	52,850
2011	23,415	4,902	188	19,994	48,499
2012	20,723	4,070	159	26,144	51,096
2013	25,015	1,921	146	25,846	52,928
2014	24,230	1,388	216	28,825	54,659
2015	25,055	1,076	216	21,306	47,653



**SOURCE:** Cucamonga Valley Water District – Production Division

# CUCAMONGA VALLEY WATER DISTRICT

## Water Rate History Last Ten Fiscal Years

Schedule 5

Fiscal Year	Water Rate per HCF <sup>(1)</sup>						
	Tiered Water Rates <sup>(2)(3)</sup>				Non-Residential	Gov't Irrigation	Temp/Constr.
	Tier 1	Tier 2	Tier 3	Tier 4			
2006	N/A	N/A	N/A	N/A	1.26	1.134	2.52
2007	N/A	N/A	N/A	N/A	1.33	1.20	2.66
2008	1.33	1.40	1.45	1.50	1.41	1.269	2.82
2009	1.35	1.47	1.57	1.67	1.49	1.341	2.96
2010	1.40	1.60	1.80	2.00	N/A	N/A	3.34
2011	1.43	1.66	1.92	2.17	N/A	N/A	3.42
2012	1.46	1.72	2.05	2.35	N/A	N/A	3.60
2013	1.49	1.78	2.19	2.54	N/A	N/A	3.78
2014	1.52	1.84	2.34	2.75	N/A	N/A	3.98
2015	1.52	1.84	2.34	2.75	N/A	N/A	3.98

	Tier Allocation in HCF by Meter Size <sup>(3)</sup>								
	3/4 inch	1 inch	1 1/2 inch	2 inch	3 inch	4 inch	6 inch	8 inch	10 inch
Tier 1	1-10	1-17	1-33	1-53	1-100	1-167	1-333	1-533	1-800
Tier 2	11-40	18-67	34-133	54-213	101-400	168-667	334-1,333	534-2,133	801-3,200
Tier 3	41-100	68-167	134-333	214-533	401-1,000	668-1,667	1,334-3,333	2,134-5,333	3,201-8,000
Tier 4	> 100	> 167	> 333	> 533	> 1,000	> 1,667	> 3,333	> 5,333	> 8,000

Fiscal Year	Meter Charge Rates (bi-monthly)								
	3/4 inch	1 inch	1 1/2 inch	2 inch	3 inch	4 inch	6 inch	8 inch	10 inch
2005	20.00	33.50	66.50	105.50	213.25	333.25	800.00	1,066.50	N/A
2006	20.00	33.50	66.50	105.50	213.25	333.25	800.00	1,066.50	1,600.00
2007	20.00	33.50	66.50	105.50	213.25	333.25	800.00	1,066.50	1,600.00
2008	20.60	34.40	68.60	109.80	206.00	343.40	686.60	1,098.60	1,648.00
2009	21.22	35.43	70.66	113.09	212.18	353.70	707.20	1,131.56	1,697.44
2010	23.34	38.98	77.73	124.41	233.42	389.11	777.99	1,244.83	1,867.36
2011	24.51	40.93	81.62	130.63	245.09	408.57	816.89	1,307.07	1,960.73
2012	25.73	42.98	85.70	137.17	257.35	429.00	857.73	1,372.42	2,058.76
2013	27.02	45.13	89.98	144.02	270.21	450.44	900.62	1,441.05	2,161.70
2014	28.37	47.38	94.48	151.22	283.72	472.97	945.65	1,513.10	2,269.79
2015	28.37	47.38	94.48	151.22	283.72	472.97	945.65	1,513.10	2,269.79

**Notes:**

- (1) HCF = 100 Cubic Feet = 748 gallons
- (2) In 2008, the District adopted a tiered rate structure for residential customers. Prior to 2008, residential customers were charged a uniform rate equal to non-residential customers. Usage is based on a bi-monthly billing period. Non-residential customers are charged a uniform rate based on the average rate paid by residential customers.
- (3) In 2010, the District adopted a tiered rate structure for all customers except temporary/construction customers. The tier structure is based on meter sizes. From 2008 to 2010, only residential customers were billed on the tiered rate structure and the 3/4" tier allocation was used for all residential customers regardless of meter size.

**SOURCE:** Cucamonga Valley Water District – Ordinance 2010-6-1

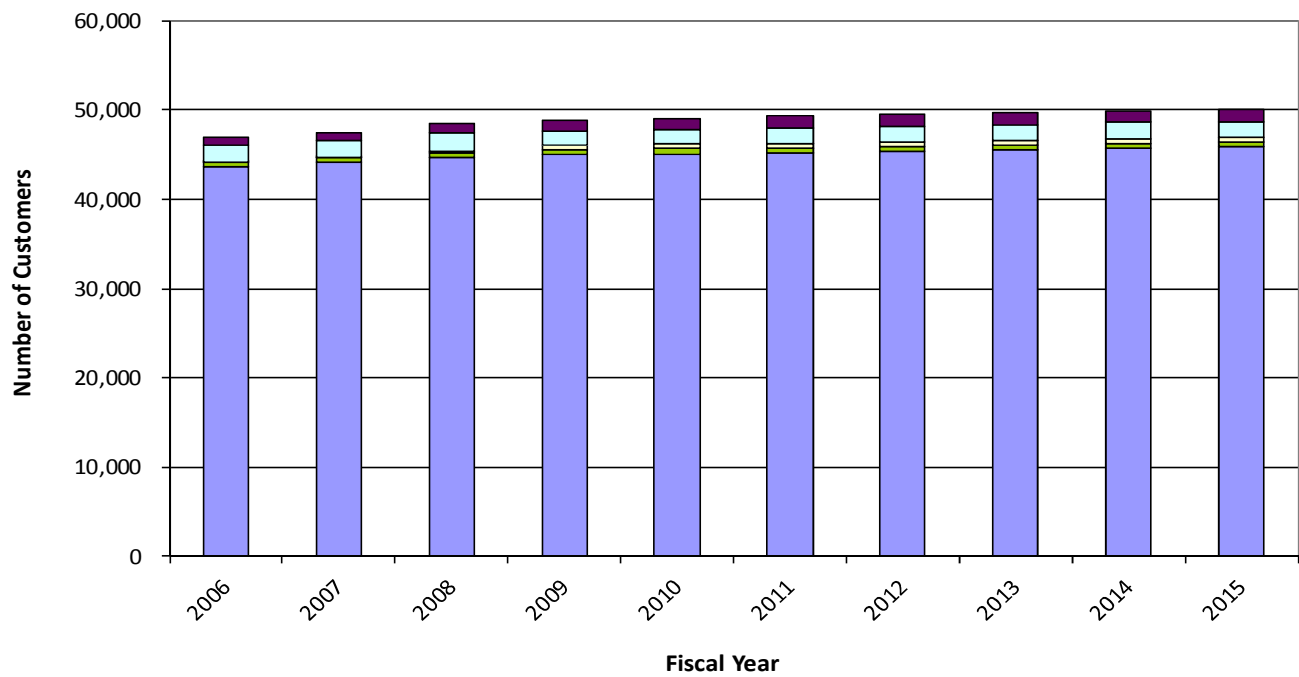
# CUCAMONGA VALLEY WATER DISTRICT

## Water Service Accounts

Last Ten Fiscal Years

Schedule 6

Fiscal Year	Customer Type					Total
	Domestic	Industrial	Government Irrigation	Landscape/Parkway	Fire Lines	
2006	43,707	520	31	1,792	900	46,950
2007	44,140	538	31	1,847	948	47,504
2008	44,739	538	31	2,087	1,090	48,485
2009	44,987	538	551	1,570	1,145	48,791
2010	45,114	536	532	1,629	1,299	49,110
2011	45,164	536	514	1,777	1,315	49,306
2012	45,325	536	512	1,790	1,325	49,488
2013	45,557	536	511	1,807	1,333	49,744
2014	45,747	537	505	1,828	1,340	49,957
2015	45,876	538	507	1,808	1,354	50,083



**Note:** Number of customers as of June 30 of fiscal year.

**SOURCE:** Cucamonga Valley Water District – Accounting Division

# CUCAMONGA VALLEY WATER DISTRICT

## Principal Water Customers

Current Fiscal Year and Nine Years Ago

Schedule 7

Customer	2015			2006		
	Annual Usage (HCF)	Percentage of Total	Rank	Annual Usage (HCF)	Percentage of Total	Rank
City of Rancho Cucamonga	878,895	4.39%	1	903,891	3.94%	1
Lewis Operating Corporation	445,428	2.22%	2	533,152	2.33%	2
San Gabriel Valley Water Co.	329,962	1.65%	3	N/A	N/A	N/A
City of Fontana	319,215	1.59%	4	N/A	N/A	N/A
County of San Bernardino	240,048	1.20%	5	248,999	1.09%	3
Etiwanda School District	228,555	1.14%	6	187,676	0.82%	5
Caltrans	148,406	0.74%	7	N/A	N/A	N/A
Tamco Steel	134,418	0.67%	8	145,765	0.64%	8
Chaffey College	110,655	0.55%	9	176,683	0.77%	6
Alta Loma School District	109,107	0.54%	10	103,643	0.45%	10
Frito Lay	N/A	N/A	N/A	151,453	0.66%	7
Chaffey Union High School District	N/A	N/A	N/A	109,610	0.48%	9
Oak Creek Ranch Golf Club, Inc.	N/A	N/A	N/A	202,330	0.88%	4
<b>Total</b>	<b>2,944,689</b>	<b>14.70%</b>		<b>2,763,202</b>	<b>12.05%</b>	
<b>Total Water Consumed (HCF)</b>	<b>20,031,727</b>	<b>100.00%</b>		<b>22,928,995</b>	<b>100.00%</b>	

HCF = 100 cubic feet

**SOURCE:** Cucamonga Valley Water District – Accounting Division

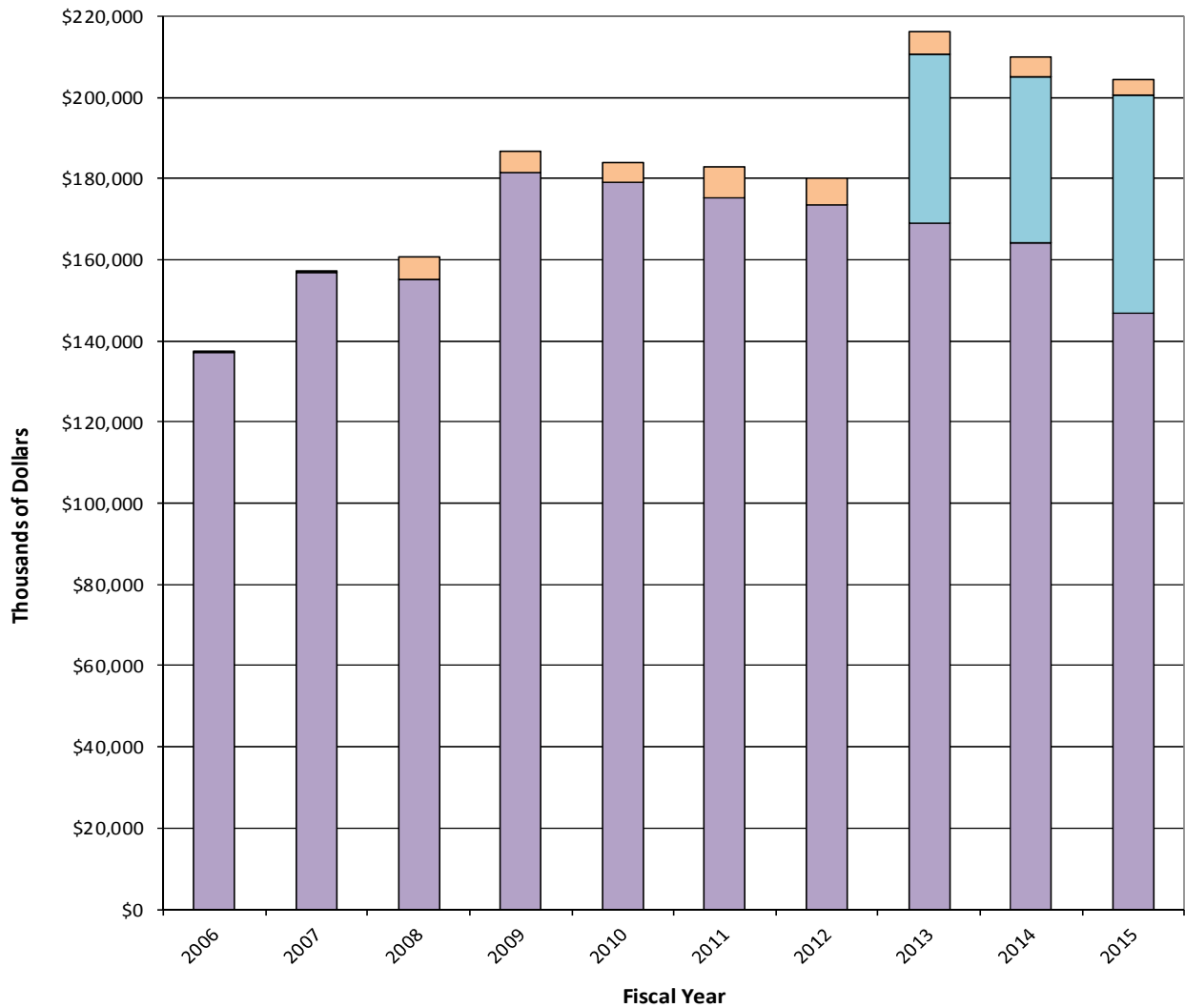
# CUCAMONGA VALLEY WATER DISTRICT

## Ratio of Outstanding Debt

Last Ten Fiscal Years

Schedule 8

Fiscal Year	Certificates of Participation (In Thousands)	Revenue Bonds (In Thousands)	Capital Lease and Loan (In Thousands)	Total		
				Debt (In Thousands)	\$ Per Capita	As a Share of Personal Income
2006	137,105	-	330	137,435	839.10	2.86%
2007	156,965	-	196	157,161	957.16	3.16%
2008	155,155	-	5,585	160,740	976.13	3.20%
2009	181,325	-	5,383	186,708	1,133.18	3.90%
2010	179,006	-	4,775	183,781	1,113.14	3.79%
2011	175,171	-	7,663	182,834	1,090.24	3.64%
2012	173,498	-	6,425	179,923	1,061.50	3.33%
2013	168,860	41,615	5,535	216,010	1,262.79	3.82%
2014	164,184	40,797	4,756	209,737	1,217.29	N/A
2015	146,875	53,506	3,976	204,356	1,174.03	N/A



N/A - Data not available for time period

**NOTE:** Amounts in thousands of dollars, except for per capita amounts and percentages.

**SOURCE:** Cucamonga Valley Water District – Accounting Division

# CUCAMONGA VALLEY WATER DISTRICT

## Debt Coverage

Last Ten Fiscal Years

Schedule 9

Fiscal Year	Gross Revenues <sup>(1)</sup>	Operating Expenses <sup>(2)</sup>	Net Available Revenues	Debt Service			Coverage Ratio
				Principal	Interest	Total	
2005	47,349,832	26,408,785	20,941,047	1,655,000	6,845,149	8,500,149	2.46
2006	48,477,876	28,896,702	19,581,174	1,710,000	6,792,169	8,502,169	2.30
2007	61,701,693	33,243,062	28,458,631	1,750,000	7,501,456	9,251,456	3.08
2008	56,734,579	35,790,012	20,944,567	1,810,000	7,666,073	9,476,073	2.21
2009	49,436,612	37,308,718	12,127,894	2,200,000	8,144,911	10,344,911	1.17
2010	58,356,424	38,754,710	19,601,714	2,319,286	8,602,555	10,921,841	1.79
2011	56,402,290	36,121,871	20,280,419	3,834,286	8,637,034	12,471,320	1.63
2012	65,386,200	39,431,891	25,954,309	3,964,286	8,182,797	12,147,083	2.14
2013	67,141,954	40,232,688	26,909,266	4,159,286	8,256,101	12,415,387	2.17
2014	74,855,711	44,836,095	30,019,616	4,954,286	9,211,847	14,166,133	2.12
2015	70,788,304	42,148,489	28,639,815	5,104,286	9,106,864	14,211,150	2.02

**Notes:**

- (1) Gross revenues includes all operating revenue, interest income, other nonoperating revenue (excluding taxes and assessments) and connection fees from the Water and Recycled Water Utility Funds.
- (2) Operating expenses less depreciation and amortization for the Water and Recycled Water Utility Funds.

**SOURCE:** Cucamonga Valley Water District – Accounting Division

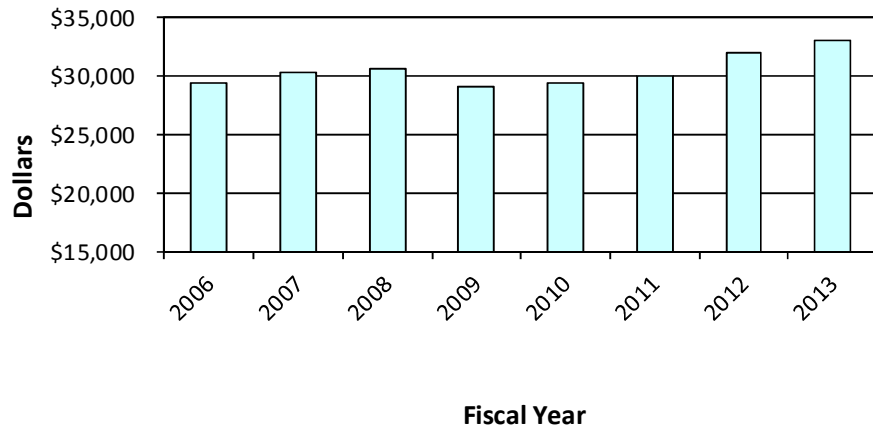
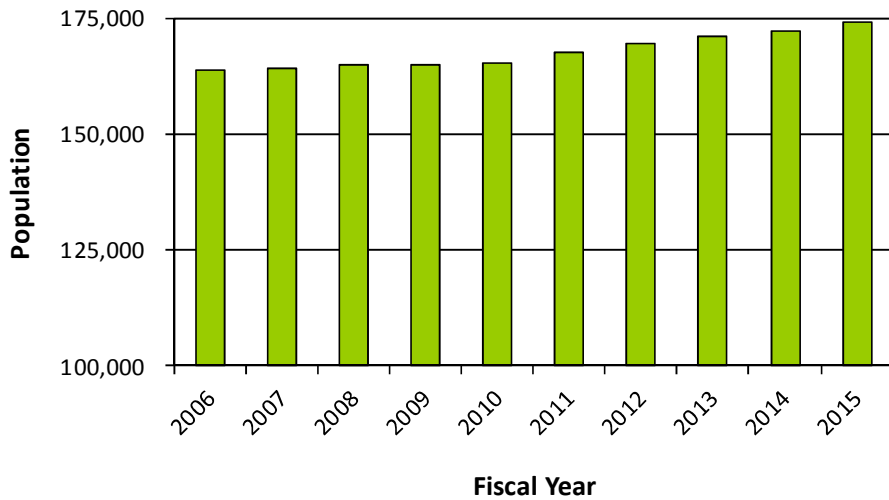
**CUCAMONGA VALLEY WATER DISTRICT**

*Demographic and Economic Statistics*

Last Ten Fiscal Years

Schedule 10

Year	Unemployment Rate	Population - Rancho Cucamonga	Riverside-San Bernardino-Ontario MSA	
			Personal Income (thousands of dollars)	Personal Income per Capita
2006	3.1%	163,788	116,925	29,330
2007	3.6%	164,195	123,046	30,252
2008	5.1%	164,671	125,620	30,539
2009	8.6%	164,764	120,805	29,035
2010	9.4%	165,101	124,840	29,409
2011	8.7%	167,701	128,982	29,961
2012	7.9%	169,498	138,767	31,900
2013	6.7%	171,058	144,677	33,025
2014	6.1%	172,299	N/A	N/A
2015	4.8%	174,064	N/A	N/A



N/A - Data not available for time period

**SOURCES:** California State Department of Finance, United States Bureau of Economic Analysis and the United States Department of Labor

**CUCAMONGA VALLEY WATER DISTRICT**

Principal Employers  
Last Ten Fiscal Years

Schedule 11

<u>Employer</u>	<u>Number of Employees</u>	<u>Percentage of Total</u>
Chaffey Community College	1,229	1.69%
Etiwanda School District	1,058	1.45%
Amphastar Pharmaceutical	880	1.21%
City of Rancho Cucamonga	858	1.18%
Inland Empire Health Plan (IEHP)	850	1.17%
Alta Loma School District	623	0.85%
Central School District	527	0.72%
Lexxiom, Inc.	360	0.49%
Law Enforcement/Investigations	358	0.49%
Tamco Steel	350	0.48%
Total	<u>7,093</u>	<u>9.73%</u>
Total Employment	<u>72,880</u>	<u>100.00%</u>

**NOTE:** Data is from June 2014 (latest available data).

**SOURCE:** City of Rancho Cucamonga

# CUCAMONGA VALLEY WATER DISTRICT

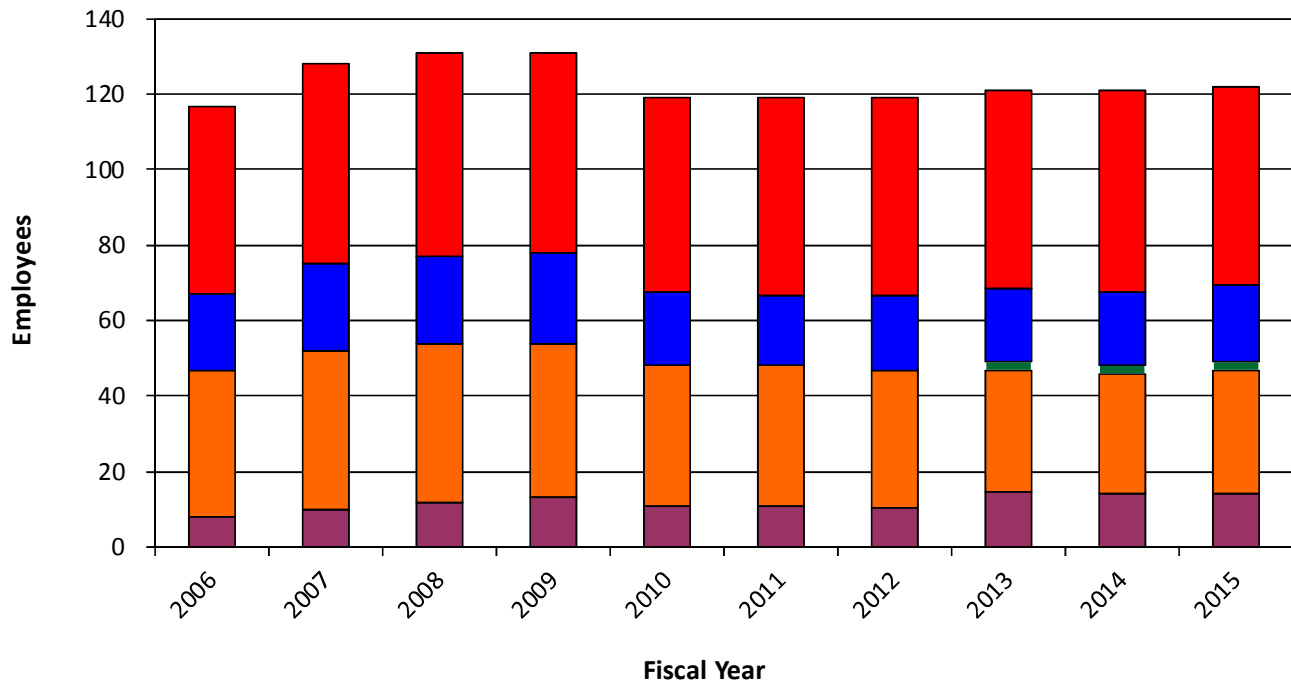
## Personnel Trends

Last Ten Fiscal Years

Schedule 12

### Full Time Equivalent Employees by Department

Fiscal Year	Department					Total
	Executive	Finance & Administration	General Services	Engineering	Operations	
2006	8.00	39.00	-	20.00	49.75	116.75
2007	10.00	42.00	-	23.00	53.00	128.00
2008	12.00	42.00	-	23.00	54.00	131.00
2009	13.00	41.00	-	24.00	53.00	131.00
2010	11.00	37.00	-	19.50	51.50	119.00
2011	11.00	37.00	-	18.50	52.50	119.00
2012	10.50	36.50	-	19.50	52.50	119.00
2013	14.50	32.50	2.00	19.50	52.50	121.00
2014	14.00	32.00	2.00	19.50	53.50	121.00
2015	14.00	33.00	2.00	20.50	52.50	122.00



SOURCE: Cucamonga Valley Water District – Human Resources Division

**CUCAMONGA VALLEY WATER DISTRICT***Other Operating and Capacity Indicators*

Last Ten Fiscal Years

Schedule 13

<b>Water System</b>				
<b>Fiscal Year</b>	<b>Miles of Water Mains</b>	<b>Number of Fire Hydrants</b>	<b>Annual Production (MG)</b>	<b>Average Production (MGD)</b>
2006	688	8,937	18,291	50.1
2007	727	8,968	20,297	55.6
2008	706	8,217	19,106	52.3
2009	708	8,227	18,380	50.4
2010	708	8,236	17,220	47.2
2011	710	8,245	15,804	43.3
2012	710	8,245	16,650	45.6
2013	710	8,315	17,245	47.2
2014	711	8,371	18,010	49.3
2015	711	8,323	16,006	43.9

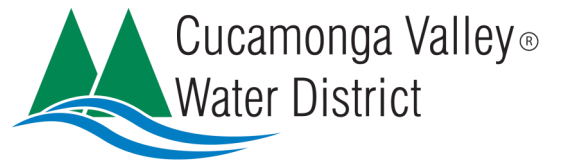
<b>Sewer System</b>				
<b>Fiscal Year</b>	<b>Miles of Sewers</b>	<b>Service Connections</b>	<b>Annual Sewerage (MG)</b>	<b>Daily Sewerage (MGD)</b>
2006	443	34,941	5,747	15.7
2007	447	35,201	5,742	15.7
2008	418	35,658	6,127	16.8
2009	418	35,835	5,844	16.0
2010	418	36,025	5,358	14.7
2011	420	36,177	5,945	16.3
2012	420	36,448	5,990	16.4
2013	420	36,688	6,265	17.2
2014	421	36,884	6,645	18.2
2015	421	37,012	7,140	19.6

AF - Acre Feet

MG - Millions of Gallons

MGD - Millions of Gallons per Day

**SOURCE:** Cucamonga Valley Water District – GIS, Industrial Waste and Production Divisions



*Service Beyond Expectation*

**10440 Ashford Street  
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