



COMPREHENSIVE ANNUAL FINANCIAL REPORT

FOR THE FISCAL YEAR ENDED

JUNE 30, 2018

Mesa Water District
Costa Mesa, California

MesaWater.org

*Dedicated to Satisfying
our Community's
Water Needs*

Mesa Water District
Comprehensive Annual Financial Report
For the Fiscal Year Ended June 30, 2018



1965 Placentia Avenue
Costa Mesa, CA 92627-3420

Prepared by:
Financial Services Department

MESA WATER DISTRICT
 Comprehensive Annual Financial Report
 Years Ended June 30, 2018 and 2017

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MESA WATER DISTRICT
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Introductory Section

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Dedicated to

*Satisfying our Community's
Water Needs*

BOARD OF DIRECTORS

Shawn Dewane
*President
Division V*

Marice H. DePasquale
*Vice President
Division III*

James Atkinson
*Director
Division IV*

Fred R. Bockmiller, P.E.
*Director
Division I*

James R. Fisler
*Director
Division II*

Paul E. Shoenberger, P.E.
General Manager

Denise Garcia
District Secretary

Marwan Khalifa, CPA, MBA
District Treasurer

**Atkinson, Andelson,
Loya, Ruud & Romo**
Legal Counsel

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Costa Mesa, CA 92627
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January 15, 2019

Board of Directors
Mesa Water District

Introduction

It is our pleasure to submit the Comprehensive Annual Financial Report (CAFR) for the Mesa Water District (Mesa Water®) for the fiscal year ended June 30, 2018, following guidelines set forth by the Governmental Accounting Standards Board (GASB). Mesa Water is ultimately responsible for both the accuracy of the data and the completeness and fairness of presentation, including all disclosures in this financial report. Mesa Water staff prepared this financial report and believes that the data presented is accurate in all material respects. This report is designed in a manner that we believe beneficial to enhance the reader's understanding of Mesa Water's financial position and activities.

Generally Accepted Accounting Principles (GAAP) require that management provide a narrative introduction, overview and analysis to accompany the financial statements in the form of the Management's Discussion and Analysis (MD&A) Section. This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The MD&A can be found immediately after the Independent Auditor's Report.

Mesa Water Structure and Leadership

Mesa Water is a county water district organized pursuant to Water Code Section 33200 and operates pursuant to Water Code Section 30000. Mesa Water has been providing water service to its customers since 1960. Mesa Water is governed by a five-member Board of Directors (Board), elected at-large by division within Mesa Water's service area. The General Manager administers the day-to-day operations of Mesa Water in accordance with policies and procedures established by the Board. Mesa Water employs approximately 46 employees, some of whom are part-time or temporary. Mesa Water's Board meets on the second Thursday of each month. Meetings are publicly noticed and citizens are encouraged to attend. Mesa Water provides water service to approximately 110,000 residents in the City of Costa Mesa, parts of the City of Newport Beach, and some unincorporated areas of Orange County through approximately 24,800 service connections.

Mesa Water's Services

Residential customers comprise approximately 82% of Mesa Water's customer base and purchase approximately 58% of the water produced annually by Mesa Water. In Fiscal Year 2018, Mesa Water's potable supply was comprised of 100% groundwater and related groundwater exchange programs.



Economic Condition, Outlook and Major Initiatives

Mesa Water carries out its mission with a highly-motivated and competent staff empowered to conduct Mesa Water's business by placing customer needs and welfare first. Each day Mesa Water's employees strive to carry out their work mindful of Mesa Water's mission, "Dedicated to Satisfying our Community's Water Needs."

Mesa Water's service area includes various major regional facilities: John Wayne Airport, Orange Coast College, Whittier Law School, Vanguard University, Orange County Fairgrounds, Orange County Performing Arts Center, South Coast Repertory Theater, and the shopping complex at South Coast Plaza. The local economy is primarily based upon retail, commercial business, and light manufacturing.

In April 2015, Governor Brown implemented mandatory water conservation throughout California and Mesa Water® was required to conserve 20% during the mandated conservation period from June 1, 2015 through February 29, 2016. The Board's extensive outreach efforts to the community greatly contributed to our ratepayer's water use efficiency efforts resulting in the successful attainment of this goal. Water usage in Fiscal 2018 remained lower than in pre-drought periods.

In Mesa Water's service area, consumers are now experiencing the benefits of decades-long investments in water use efficiency and water infrastructure projects to help lower our regional dependence on imported water.

Two decades ago, Mesa Water's Board of Directors set a goal to reduce reliance on imported water from Northern California and the Colorado River by increasing the District's production capacity of groundwater and recycled water. Mesa Water is fortunate to be able to pump safe, high-quality groundwater from Orange County's clear-water aquifer and from the deeper, amber-colored aquifer located directly under our service area.

The Mesa Water Reliability Facility (MWRF) was the final step in eliminating the District's dependence on imported water as Mesa Water is now able to meet 100% of its community's water needs with locally-sourced supplies. In fiscal year 2018 Mesa Water acquired the second of two new well sites. Both well sites will enhance Mesa Water's capability to rely solely upon locally-sourced groundwater. Furthermore, producing local water uses less electricity than is needed to import water from hundreds of miles away.

Mesa Water has undertaken a major initiative to encourage water use efficiency within its service area. In conjunction with Metropolitan Water District (MWD) and the Municipal Water District of Orange County (MWDOC), Mesa Water distributes and provides financial incentives for high efficiency water use devices, and has developed education and technical assistance programs designed for residents, homeowners associations, businesses, and other public agencies. Mesa Water also works with the City of Costa Mesa to promote the wise use of water through the City's development plan check process. These active



programmatic efforts have resulted in a cumulative water savings of approximately 15,416 acre feet of water to date.

As of July 1, 2018, Mesa Water® charges a uniform commodity rate of \$3.86 per unit and a bi-monthly fixed charge of \$24.69 for a 5/8 inch meter. One unit of water equals 748 gallons which means that the cost per gallon is 0.52 cents. At \$808 per year, the cost of water service for a typical single family home using 127,900 gallons of water annually remains a good value for Mesa Water's customers.

Water Supply

Mesa Water has finished implementation of a long standing goal of reducing reliance on MWD imported water by increasing production of local groundwater and developing additional water sources. The completion of the MWRF in January 2013 has achieved Mesa Water's goal to provide 100% local and reliable water to its customers.

Mesa Water currently has seven groundwater wells that produce high quality water at a lower cost than imported water, with two of the wells associated with the MWRF. The MWRF treats amber groundwater from a previously unusable aquifer, providing Mesa Water with an additional potable water source. Amber groundwater from this lower aquifer is more expensive to produce than clear groundwater produced from the upper aquifer. However, the treatment cost of amber groundwater is substantially less expensive than purchasing imported water.

To encourage the use of water production through the MWRF, MWD has assisted Mesa Water by reimbursing a portion of the costs of treating amber groundwater. The program used by MWD to reimburse Mesa Water is the Local Resource Program (LRP) and expands the use of amber groundwater and thereby reduces the demand on MWD supplies.

Mesa Water has been treating and delivering amber groundwater to customers since 1985 using a variety of treatment methods. The expansion and upgrade of the MWRF includes nano-filtration membrane technology which expanded capacity to treat amber groundwater by approximately 50% while reducing energy costs by nearly 67%.

In fiscal year 2018, Mesa Water produced approximately 75% of its potable water supply from clear groundwater and related groundwater exchange programs, approximately 25% from amber groundwater and 0% from imported water.

Mesa Water also sells recycled water for irrigation purposes. The water is purchased from OCWD and replaces potable water that would otherwise have been used for irrigation. Approximately 5% of total water supplied to consumers is recycled.

Internal Control Structure

Mesa Water's management is responsible for the establishment and maintenance of the internal control structure that ensures the assets of Mesa Water are protected from loss, theft or misuse. The internal control structure ensures that adequate accounting data is compiled to allow for



the preparation of financial statements in conformity with Generally Accepted Accounting Principles (GAAP). Mesa Water's internal control structure is designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that the cost of a control should not exceed the benefits likely to be derived, and the valuation of costs and benefits requires estimates and judgments by management.

Budgetary Control

Mesa Water's Board annually adopts a budget prior to the new fiscal year. The budget authorizes and provides the basis for reporting and control of financial operations, accountability for Mesa Water's enterprise operations, and capital projects. The budget is presented on the accrual basis of accounting and is consistent with the presentation of Mesa Water's Comprehensive Annual Financial Report.

Investment Policy

The Board has adopted an investment policy that conforms to state law, Mesa Water's ordinances and resolutions, prudent money management, and the "prudent person" standards. The objectives of the Statement of Investment Policy are safety, liquidity and then yield. Currently, funds are invested in various securities as authorized by Mesa Water's Investment Policy.

Water Rates and Revenues

Revenue from user charges generated from Mesa Water's customers support operations. Accordingly, water rates are reviewed every five (5) years when a Water Rate Schedule is prepared to achieve the Board's financial goals. Water rates are user charges imposed on customers for services and are the primary component of Mesa Water's revenue. Water rates are composed of a commodity (usage) charge and a fixed bi-monthly service charge. Mesa Water raised rates by an average of 8.3% in fiscal year 2018.

Audit and Financial Reporting

State Law and bond covenants require Mesa Water® to obtain an annual audit of its financial statements by an independent Certified Public Accountant. The accounting firm of White Nelson Diehl Evans LLP conducted the audit of Mesa Water's financial statements. Their unmodified Independent Auditor's Report appears in the Financial Section.

Risk Management

Mesa Water participates in the Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA) for the purchase of workers' compensation, liability, property, automobile, and fidelity insurance. The typical liability limits are \$1 million per incident/occurrence.

Awards and Acknowledgements

This is the 25th year that Mesa Water® is submitting its Comprehensive Annual Financial Report (CAFR) for the Government Finance Officers Association of the United States and Canada's (GFOA) Certificate of



Achievement for Excellence in Financial Reporting. To be awarded a Certificate of Achievement, a governmental unit must publish an easily readable and efficiently organized CAFR. The report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year. We believe that this CAFR meets the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for 2018.

Preparation of this report was accomplished through the combined efforts of Mesa Water's staff. We appreciate the dedicated efforts and professionalism that these staff members contribute to Mesa Water. We would also like to thank the members of the Board of Directors for their continued support in planning and implementing Mesa Water District's fiscal policies.

Respectfully submitted,



Paul E. Shoenberger, P.E.
Mesa Water General Manager



Marwan Khalifa, C.P.A.
Mesa Water Chief Financial Officer



Government Finance Officers Association

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

Presented to

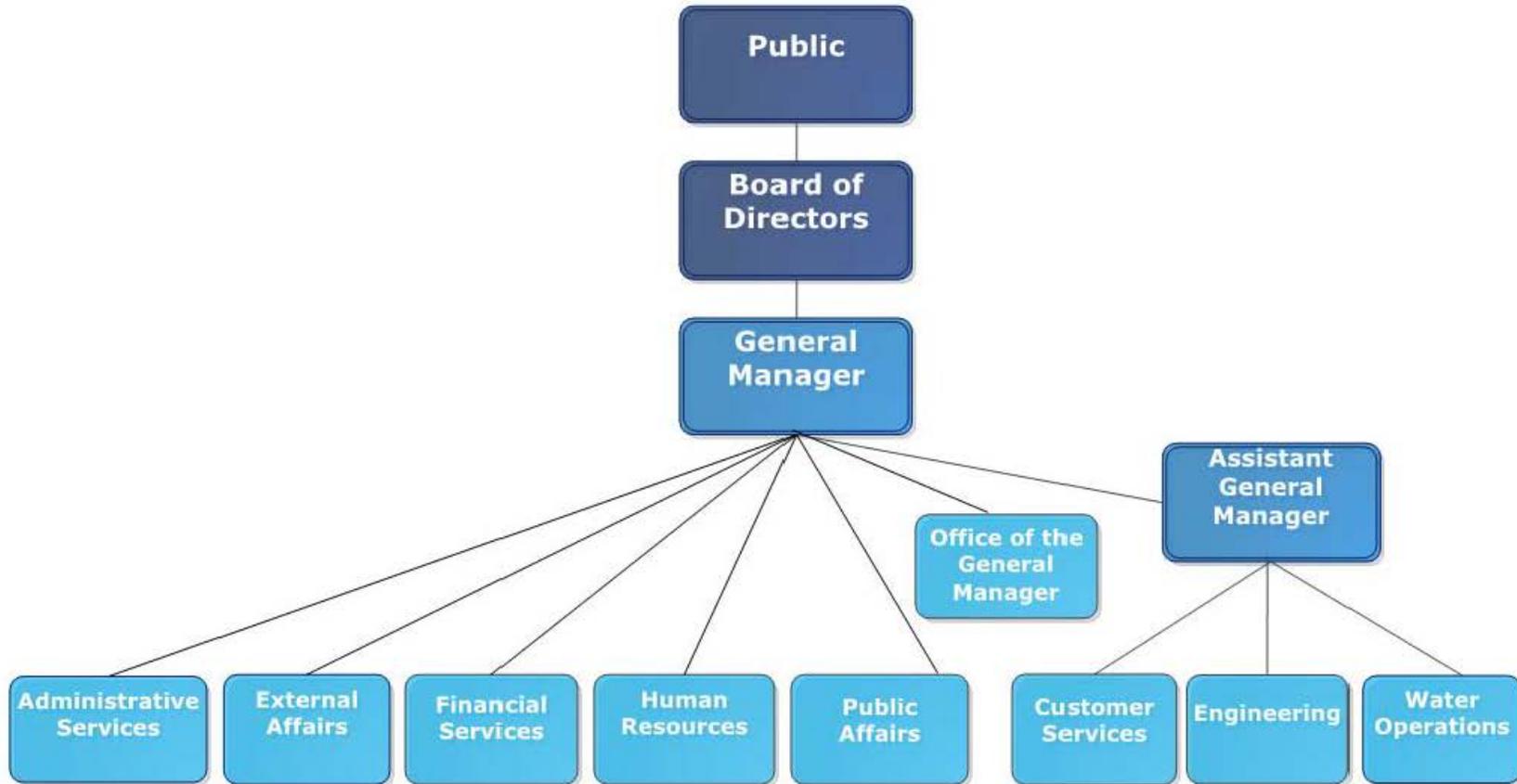
**Mesa Water District
California**

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

June 30, 2017

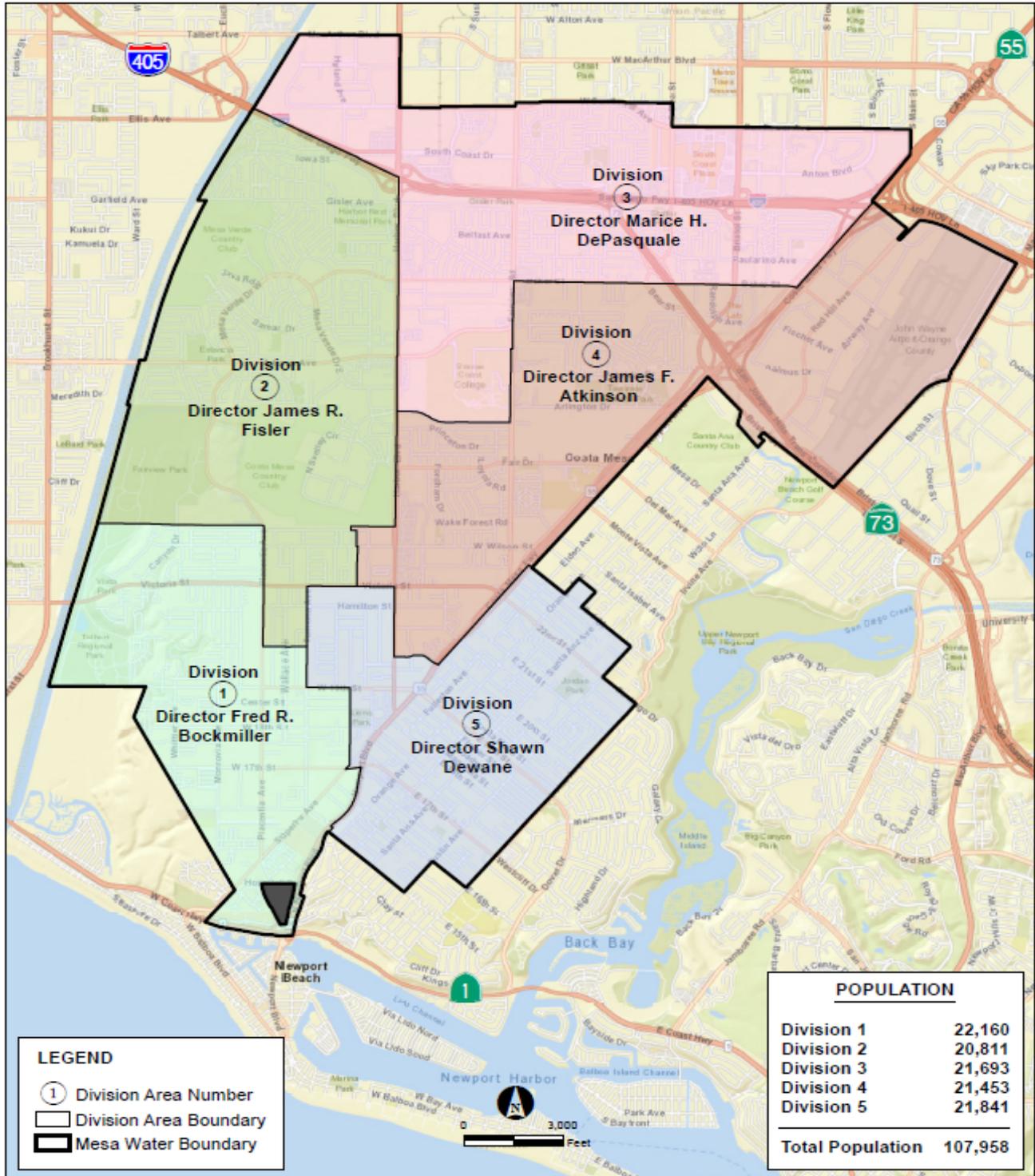
Christopher P. Morill

Executive Director/CEO



Mesa Water District

District Service Area Map



Financial Section

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INDEPENDENT AUDITORS' REPORT

Board of Directors
Mesa Water District
Costa Mesa, California

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities and the aggregate remaining fund information of Mesa Water District (the District), as of and for the year ended June 30, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

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

Auditors' Responsibility

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' 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 auditors consider 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.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the aggregate remaining fund information of the District as of June 30, 2018, and the respective changes in financial position and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matters

As discussed in Notes 1 and 13 to the financial statements, the District adopted Governmental Accounting Standards Board's Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, which required retrospective application resulting in a reduction of previously reported net position. Our opinions are not modified with respect to this matter.

Other Matters

Prior-Year Comparative Information

The financial statements include partial prior-year comparative information. Such information does not include all of the information required for a presentation in accordance with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the District's financial statements for the year ended June 30, 2017, from which such partial information was derived.

Report on Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, the schedule of proportionate share of the net pension liability, the schedule of plan contributions - pension, the annual money-weighted rate of return on investments - OPEB, schedule of changes in the net OPEB liability and related ratios, and the schedule of plan contributions - OPEB, identified as Required Supplementary Information (RSI) in the accompanying 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 RSI 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 the audit of the basic financial statements. We do not express an opinion or provide any assurance on the RSI because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Matters (Continued)

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, supplementary information consisting of the certificates of participation - revenue coverage and reconciliation of total revenues and total expenses, and the statistical information section, as listed in the table of contents, are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The supplementary information, as listed in the table of contents, is the responsibility of management and was derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplementary information is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

The introductory section and statistical information section have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion or provide any assurance on them.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated January 15, 2019, 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 the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

White Nelson Dick Evans LLP

Irvine, California
January 15, 2019

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

The following discussion and analysis of the financial performance of the Mesa Water District (District/Mesa Water) provides an overview of the District's financial activities for the year ended June 30, 2018. This section should be read in conjunction with the basic financial statements and notes to the financial statements, which follows this analysis.

Financial Highlights

- Net position equaled \$128.6 million, an increase of \$6.3 million or 5.1% from the prior year. \$94.1 million of Net Position was for net investment in capital assets and the remaining \$34.5 million was unrestricted.
- Total revenues increased \$5.1 million or 16.5%, primarily due to water rate increases and increase consumption of potable water.
- Total expenses increased by \$2.5 million or 8.3%. This increase is primarily due to increased water cost from basin managed water, along with increased costs for transmission and distribution expenses. Both clear and amber water also saw increases in the replenishment assessment of \$43 or 11% per acre foot.
- Total Capital Assets increased by \$7.2 million due to \$12.2 million in net additions and deletions, offset by depreciation expense of \$5.0 million.
- Total debt decreased by \$3.4 million due to principal repayments.

This annual report consists of a series of financial statements: (1) The Statement of Net Position, (2) Statement of Revenues, Expenses and Changes in Net Position, and (3) Statement of Cash Flows, all of which together provide information about the activities and performance of the District using accounting methods similar to those used by private sector companies. The report also contains notes to the financial statements and other supplementary information.

Statement of Net Position includes all of the District's investments in resources (assets) and the obligations to creditors (liabilities) and deferred outflows and inflows of resources. It also provides the basis for computing a rate of return, evaluating the capital structure, and assessing the liquidity and financial flexibility of the District.

Statement of Revenues, Expenses and Changes in Net Position measures the success of the District's operations over the past year and can be used to determine if the District has successfully recovered all of its costs through its rates and other charges. The statement can be used to evaluate profitability and credit worthiness.

Statement of Cash Flows provides information about the District's cash receipts, cash payments and changes in cash resulting from operations, investments, and financing activities.

Notes to the Financial Statements provide additional information essential to a full understanding of the data provided in the financial statements.

Other Information includes required supplementary information.

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

Financial Analysis of the District

The following condensed schedules contain summary financial information extracted from the basic financial statements to assist general readers in evaluating the District's overall financial position and results of operations as described in this Management's Discussion and Analysis (MD&A). Increases or decreases in these schedules can be used as performance indicators to assess whether the District's overall financial position has improved or deteriorated. Other external factors such as changes in economic conditions, customer growth, weather conditions and legislative mandates as well as changes in Federal and State water quality standards should also be considered as part of this assessment.

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

Statement of Net Position

The Statement of Net Position reflects the District's financial position as of June 30. The statement includes assets, deferred outflow of resources, liabilities, and deferred inflows of resources. The Net Position represents the District's net worth including, but not limited to, capital contributions and investments in capital assets. A condensed summary of the District's total Net Position as of June 30 is set forth below:

	<u>2018</u>	<u>2017</u>	<u>Change</u>	<u>% Change</u>
Assets and Deferred Outflows:				
Current assets	\$ 41,401,111	49,960,025	(8,558,914)	-17.1%
Non-current assets	12,288,626	7,298,498	4,990,128	68.4%
Capital and intangible assets, net	126,674,967	119,454,543	7,220,424	6.0%
Total Assets	<u>180,364,704</u>	<u>176,713,066</u>	<u>3,651,638</u>	2.1%
Deferred charges on debt refundings	873,404	1,146,261	(272,857)	-23.8%
Deferred amounts from OPEB & pension plans	3,202,799	2,009,765	1,193,034	59.4%
Total Deferred Outflows	<u>4,076,203</u>	<u>3,156,026</u>	<u>920,177</u>	29.2%
Total Assets and Deferred Outflows	<u>\$ 184,440,907</u>	<u>179,869,092</u>	<u>4,571,815</u>	2.5%
Liabilities:				
Current liabilities	\$ 12,350,175	13,079,938	(729,763)	-5.6%
Non-current liabilities	42,251,030	43,236,244	(985,214)	-2.3%
Total Liabilities	<u>54,601,205</u>	<u>56,316,182</u>	<u>(1,714,977)</u>	-3.0%
Deferred Inflow of Resources - Actuarial	1,211,165	1,202,566	8,599	0.7%
Total Liabilities and Deferred Inflows	<u>55,812,370</u>	<u>57,518,748</u>	<u>(1,706,378)</u>	-3.0%
Net position:				
Net Investment in capital assets	94,096,310	90,777,661	3,318,649	3.7%
Unrestricted	34,532,227	31,572,683	2,959,544	9.4%
Total Net Position	<u>128,628,537</u>	<u>122,350,344</u>	<u>6,278,193</u>	5.1%
Total Liabilities, Deferred Inflows, and Net position	<u>\$ 184,440,907</u>	<u>179,869,092</u>	<u>4,571,815</u>	2.5%

The District's total Assets and Deferred Outflows exceeded total liabilities and Deferred Inflows by \$128.6 million and \$122.4 million as of June 30, 2018 and 2017, respectively.

The largest single component of the District's Net Position (73% and 74% for June 30, 2018 and 2017, respectively) reflect the District's net investment in capital assets. The District uses these capital assets to provide services to customers within the District's service area. Consequently, these assets are not available for future spending.

As of June 30, 2018 and 2017, the District showed a positive balance in its Unrestricted Net position of \$34.5 million and \$31.6 million, respectively.

Of the \$42.3 million of non-current liabilities, \$10.6 million relates to net pension liability. This amount does not include a CalPERS defined benefit pension plan trust with PARS (Pension Trust) in the amount of \$12.3 million for fiscal year ended June 30, 2018. The PARS trust is legally restricted to providing benefits for members of the defined benefit pension plan. However, in accordance with GASB 68, the asset balance is not included in calculation of the net pension liability above.

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

Statement of Revenues, Expenses and Changes in Net Position

The statement of Revenues, Expenses, and Changes in Net Position summarizes the District's operations during the fiscal year. A summary of the District's changes in Net Position for the fiscal years ended June 30 is presented below:

	<u>2018</u>	<u>2017</u>	<u>Change</u>	<u>% Change</u>
Revenues				
Operating revenues	\$ 35,705,309	31,124,804	4,580,505	14.7%
Non-operating revenues	591,677	25,518	566,159	2218.7%
Total Revenues	<u>36,296,986</u>	<u>31,150,322</u>	<u>5,146,664</u>	16.5%
Expenses:				
Operating expenses (not including deprec.)	26,224,082	23,569,786	2,654,296	11.3%
Depreciation and amortization	5,010,013	4,920,209	89,804	1.8%
Non-operating expenses	1,140,774	1,407,668	(266,894)	-19.0%
Total Expenses	<u>32,374,869</u>	<u>29,897,663</u>	<u>2,477,206</u>	8.3%
Net income before contributions	3,922,117	1,252,659	2,669,458	213.1%
Capital Contributions	<u>3,283,326</u>	<u>4,340,361</u>	<u>(1,057,035)</u>	-24.4%
Change in Net Position	7,205,443	5,593,020	1,612,423	28.8%
Net Position, beginning of year, as restated	<u>121,423,094</u>	<u>116,757,324</u>	<u>4,665,770</u>	4.0%
Net Position, end of year	<u>\$ 128,628,537</u>	<u>122,350,344</u>	<u>6,278,193</u>	5.1%

The District's Net Position increased by \$6.3 million for the year ended June 30, 2018, while for the year ended June 30, 2017, Net Position increased by \$5.6 million.

The beginning balance of \$121.4 million in Net Position for Fiscal Year 2018 was restated, decreasing net position by nearly \$1.0 million as required by GASB Statement No. 75. For further details, please refer to Note 13.

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

Total District Revenues

	<u>2018</u>	<u>2017</u>	<u>Change</u>	<u>% Change</u>
Water sales	\$ 26,272,951	23,261,150	3,011,801	12.9%
Meter service charges	6,838,600	6,331,300	507,300	8.0%
Recycled water sales	1,137,748	971,796	165,952	17.1%
Concessions from governmental agencies	933,937	-	933,937	100.0%
Other charges and services	522,073	560,558	(38,485)	-6.9%
Total Operating Revenues	<u>35,705,309</u>	<u>31,124,804</u>	<u>4,580,505</u>	14.7%
Investment earnings	535,930	25,518	510,412	2000.2%
Gain on sale/disposition of capital assets, net	17,397	-	17,397	100.0%
Other nonoperating revenue, net	38,350	-	38,350	100.0%
Total Non-operating revenues	<u>591,677</u>	<u>25,518</u>	<u>566,159</u>	2218.7%
Total Revenues	<u>\$ 36,296,986</u>	<u>31,150,322</u>	<u>5,146,664</u>	16.5%

The District's operating revenues totaled \$35.7 million in fiscal year 2018. This represents an increase of \$4.6 million or 14.7% from the prior year. \$3.0 million of this increase is attributable to increased potable water usage, \$0.5 million increase from meter charges reflecting scheduled rate adjustments, \$0.2 million increase from recycled water revenue, and a \$0.9 million increase in concessions from governmental agencies due to the Coastal Pumping Transfer Program (CPTP). These increases were slightly offset by decreases in other charges and services.

The vast majority of the increase in non-operating revenues reflects higher investment earnings.

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

Total District Expenses

	<u>2018</u>	<u>2017</u>	<u>Change</u>	<u>% Change</u>
Import source of supply	\$ 388,408	554,050	(165,642)	-29.9%
Basin managed water	5,185,384	288,303	4,897,081	1698.6%
Clear well production	2,776,268	4,427,407	(1,651,139)	-37.3%
Amber well production	3,134,554	4,520,866	(1,386,312)	-30.7%
Recycled water	<u>629,455</u>	<u>572,549</u>	<u>56,906</u>	9.9%
 Total Water Supply	 12,114,069	 10,363,175	 1,750,894	 16.9%
 Transmission and distribution	 6,132,007	 5,021,716	 1,110,291	 22.1%
General and administrative	7,978,006	8,184,895	(206,889)	-2.5%
Depreciation and amortization	<u>5,010,013</u>	<u>4,920,209</u>	<u>89,804</u>	1.8%
 Total Operating Expense	 <u>31,234,095</u>	 <u>28,489,995</u>	 <u>2,744,100</u>	 9.6%
 Bond Issuance Costs	 -	 203,837	 (203,837)	 -100.0%
Interest expense - long-term debt	1,140,774	1,094,610	46,164	4.2%
Loss on sale/disposition of capital assets, net	-	94,086	(94,086)	-100.0%
Other nonoperating expense, net	<u>-</u>	<u>15,135</u>	<u>(15,135)</u>	-100.0%
 Total Nonoperating Expenses	 <u>1,140,774</u>	 <u>1,407,668</u>	 <u>(266,894)</u>	 -19.0%
 Total Expenses	 <u>\$ 32,374,869</u>	 <u>29,897,663</u>	 <u>2,477,206</u>	 8.3%

The District's total expenses increased by \$2.5 million or 8.3%. This increase is primarily due to \$4.9 million of higher basin managed water cost from CPTP and in-lieu water, which resulted in a \$3.0 million decrease in clear and amber well production cost. Transmission and distribution also increased by \$1.1 million.

For non-operating expenses, increase in interest on long-term debt were offset by loss on sale/disposition of capital assets and non-recurring bond issuance costs.

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

Capital Assets

	Balance 2017	Additions	Transfers/ Deletions	Balance 2018
Capital assets:				
Non-depreciable assets	20,597,258	14,490,101	(8,287,286)	26,800,073
Depreciable assets	174,678,207	6,027,901	(109,756)	180,596,352
Accumulated Depreciation	(75,820,922)	(5,010,013)	109,477	(80,721,458)
	<u>119,454,543</u>	<u>15,507,989</u>	<u>(8,287,565)</u>	<u>126,674,967</u>

As of June 30, 2018 and 2017, the District's investment in capital assets amounted to \$126.7 million and \$119.5 million, respectively, net of accumulated depreciation, resulting in a net increase of \$7.2 million. Capital additions to depreciable assets were \$6.0 million in fiscal year 2018. Depreciation was up slightly by \$0.1 million in comparison to the prior year. Please refer to Note 3, Capital Assets, in the accompanying Notes to the Financial Statements.

Debt Administration

	Balance 2017	Additions	Payments/ Deletions	Balance 2018
2009 Series COPS	1,959,094	-	(1,959,094)	-
2017 Series COPS	34,846,554	-	(1,394,390)	33,452,164
Total long-term debt	<u>\$ 36,805,648</u>	<u>-</u>	<u>(3,353,484)</u>	<u>33,452,164</u>

As of June 30, 2018, the District had total outstanding debt of \$33.5 million, which was a decrease of \$3.4 million from the prior fiscal year. The decrease was due to principal repayments. 2009 series COPS was paid off as of June 30, 2018. Please refer to Note 6, Long-Term Debt in the accompanying Notes to the Financial Statements.

Mesa Water District
Management's Discussion and Analysis
For the Year Ended June 30, 2018

Requests for Information

This financial report is designed to provide the District's funding sources, ratepayers, stakeholders, and other interested parties with an overview of the District's financial operations and financial condition. Should the reader have questions regarding the information included in this report or wish to request additional financial information, please contact the District at 1965 Placentia Avenue, Costa Mesa, California 92627-3420 or call (949) 574-1022.

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Basic Financial Statements

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MESA WATER DISTRICT
Statement of Net Position
June 30, 2018
(with prior-year comparative totals)

	2018	2017
ASSETS:		
Current Assets:		
Cash and investments (note 2)	\$ 34,647,709	\$ 44,566,841
Accrued interest receivable	102,487	107,051
Accounts receivable, net	6,182,949	4,803,770
Materials and supplies inventory	212,246	251,057
Deposits and prepaid items	255,720	231,306
Total current assets	41,401,111	49,960,025
Noncurrent Assets:		
Restricted - cash and investments held by fiscal agent (note 2)	103	6,982,505
Restricted - cash and investments held by pension trust (note 2)	12,278,123	-
Other noncurrent assets	10,400	9,880
OPEB asset	-	306,113
Capital assets, not being depreciated (note 3)	26,800,073	20,597,258
Depreciable capital assets, net (note 3)	99,874,894	98,857,285
Total noncurrent assets	138,963,593	119,770,536
TOTAL ASSETS	180,364,704	169,730,561
DEFERRED OUTFLOWS OF RESOURCES:		
Unamortized loss on bond defeasance	873,404	1,146,261
Deferred amounts from OPEB plan (note 5)	98,000	-
Deferred amounts from pension plans (note 10)	3,104,799	2,009,765
TOTAL DEFERRED OUTFLOWS OF RESOURCES	4,076,203	3,156,026
LIABILITIES:		
Current Liabilities:		
Accounts payable and accrued expenses	5,942,670	5,471,194
Accrued wages and related payables	106,268	64,208
Customer advances and deposits	2,939,971	4,430,002
Accrued interest payable	415,187	65,780
Long-term liabilities - due within one year:		
Current portion of compensated absences (note 4)	341,079	343,754
Current portion of certificates of participation payable (note 6)	2,605,000	2,705,000
Total current liabilities	12,350,175	13,079,938
Noncurrent Liabilities:		
Long-term liabilities - due in more than one year:		
Compensated absences (note 4)	85,270	85,938
Net OPEB liability (note 5)	684,634	-
Net pension liability (note 10)	10,633,962	9,049,658
Certificates of participation payable (note 6)	30,847,164	34,100,648
Total noncurrent liabilities	42,251,030	43,236,244
TOTAL LIABILITIES	54,601,205	56,316,182
DEFERRED INFLOWS OF RESOURCES:		
Deferred amounts from OPEB plan (note 5)	61,432	-
Deferred amounts from pension plans (note 10)	1,149,733	1,202,566
TOTAL DEFERRED INFLOWS OF RESOURCES	1,211,165	1,202,566
NET POSITION:		
Net investment in capital assets (note 7)	94,096,207	83,795,156
Unrestricted	34,532,330	38,555,188
TOTAL NET POSITION	\$ 128,628,537	\$ 122,350,344

See accompanying notes to basic financial statements.

MESA WATER DISTRICT
Statement of Revenues, Expenses and Changes in Net Position
Year Ended June 30, 2018
(with prior-year comparative totals)

	2018	2017
OPERATING REVENUES:		
Water consumption sales	\$ 26,272,951	\$ 23,261,150
Monthly meter service charge	6,838,600	6,331,300
Recycled water sales	1,137,748	971,796
Concessions from governmental agencies	933,937	-
Other charges and services	522,073	560,558
TOTAL OPERATING REVENUES	35,705,309	31,124,804
OPERATING EXPENSES:		
Imported sources of supply	388,408	554,050
Basin managed water	5,185,384	288,303
Clear water	2,776,268	4,427,407
Amber water	3,134,554	4,520,866
Recycled water	629,455	572,549
Transmission and distribution	6,132,007	5,021,716
Depreciation and amortization	5,010,013	4,920,209
General and administrative	7,978,006	8,184,895
TOTAL OPERATING EXPENSES	31,234,095	28,489,995
OPERATING INCOME	4,471,214	2,634,809
NONOPERATING REVENUES (EXPENSES):		
Bond issuance costs	-	(203,837)
Investment earnings	535,930	25,518
Interest expense - long-term debt	(1,140,774)	(1,094,610)
Gain (loss) on sale/disposition of capital assets, net	17,397	(94,086)
Other nonoperating, net	38,350	(15,135)
TOTAL NONOPERATING REVENUES (EXPENSES)	(549,097)	(1,382,150)
INCOME BEFORE CAPITAL CONTRIBUTIONS	3,922,117	1,252,659
CAPITAL CONTRIBUTIONS:		
Capacity and installation charges	1,912,740	2,498,297
Capital grant	641,666	1,036,516
Developers and others	728,920	805,548
TOTAL CAPITAL CONTRIBUTIONS	3,283,326	4,340,361
CHANGE IN NET POSITION	7,205,443	5,593,020
TOTAL NET POSITION - beginning of year	122,350,344	116,757,324
RESTATEMENT (NOTE 13)	(927,250)	-
TOTAL NET POSITION - beginning of year, as restated	121,423,094	116,757,324
TOTAL NET POSITION - end of year	\$ 128,628,537	\$ 122,350,344

See accompanying notes to basic financial statements.

MESA WATER DISTRICT
Statement of Cash Flows
Year Ended June 30, 2018
(with prior-year comparative totals)

	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES:		
Cash receipts from customers for water sales and services	\$ 34,336,592	\$ 31,154,879
Cash paid to employees for salaries and wages	(7,585,382)	(7,969,353)
Cash paid to vendors and suppliers for materials and services	(17,612,914)	(14,386,113)
Net cash provided by operating activities	9,138,296	8,799,413
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:		
Acquisition and construction of capital assets	(11,501,796)	(12,943,449)
Proceeds from capacity and installation charges	412,247	2,750,116
Proceeds from 2017 COPs	-	34,846,554
Payment to escrow for bond refunding	-	(21,391,375)
Bond issuance costs	-	(203,837)
Proceeds from capital grants	641,666	1,036,516
Principal paid on long-term debt	(2,705,000)	(2,190,000)
Interest paid on long-term debt	(1,166,994)	(1,354,374)
Proceeds from sale of capital assets	17,676	440
Net cash provided by (used for) capital and related financing activities	(14,302,201)	550,591
CASH FLOWS FROM INVESTING ACTIVITIES:		
Payment to PARS Pension Trust	(12,000,000)	-
Earnings on PARS Pension Trust used to purchase investments, net of \$30,617 of administrative fees	(278,123)	-
Investment earnings	509,055	467,953
Proceeds from sale of investments	16,356,383	12,667,141
Purchase of investments	-	(19,669,806)
Net cash provided by (used for) investing activities	4,587,315	(6,534,712)
NET INCREASE IN CASH AND CASH EQUIVALENTS	(576,590)	2,815,292
CASH AND CASH EQUIVALENTS - beginning of year	16,108,685	13,293,393
CASH AND CASH EQUIVALENTS - end of year	\$ 15,532,095	\$ 16,108,685

(Continued)

MESA WATER DISTRICT
Statement of Cash Flows (Continued)
Year Ended June 30, 2018
(with prior-year comparative totals)

	2018	2017
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:		
Operating income	\$ 4,471,214	\$ 2,634,809
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation and amortization	5,010,013	4,920,209
Other nonoperating revenue (expense)	1,538,843	-
Changes in assets, deferred outflows of resources, liabilities, and deferred inflows of resources:		
(Increase) decrease in accounts receivable	(1,379,179)	(41,735)
(Increase) decrease in materials and supplies inventory	38,811	(62,135)
(Increase) decrease in deposits and prepaid expenses	(24,414)	(34,961)
(Increase) decrease in other noncurrent assets	(520)	520
(Increase) decrease in OPEB asset	-	(224,971)
(Increase) decrease in deferred outflows for OPEB plan	241,724	-
(Increase) decrease in deferred outflows for pension plans	(1,095,034)	(1,282,557)
Increase (decrease) in accounts payable and accrued expenses	471,476	1,240,039
Increase (decrease) in customer advances and deposits	(1,490,031)	71,810
Increase (decrease) in compensated absences	(3,343)	(14,548)
Increase (decrease) in accrued wages and related payables	42,060	(44,805)
Increase (decrease) in net OPEB liability	(276,227)	-
Increase (decrease) in net pension liability	1,584,304	2,377,760
Increase (decrease) in deferred inflows for OPEB plan	61,432	-
Increase (decrease) in deferred inflows for pension plans	(52,833)	(740,022)
NET CASH PROVIDED BY OPERATING ACTIVITIES	\$ 9,138,296	\$ 8,799,413
SUPPLEMENTAL DISCLOSURES OF NONCASH CAPITAL AND RELATED FINANCING AND INVESTING ACTIVITIES:		
Amortization of loss on bond defeasance	\$ 272,857	\$ 202,536
Amortization of long-term debt premiums	\$ 648,484	\$ 200,495
Developer constructed facilities	\$ 728,920	\$ 805,548
Change in fair value of investments	\$ (286,240)	\$ (517,714)
RECONCILIATION OF CASH AND CASH EQUIVALENTS TO STATEMENT OF NET POSITION:		
Cash and investments	\$ 34,647,709	\$ 44,566,841
Restricted cash and investments	12,278,226	6,982,505
Less: noncash equivalents	(31,393,840)	(35,440,661)
Cash and cash equivalents	\$ 15,532,095	\$ 16,108,685

See accompanying notes to basic financial statements.

MESA WATER DISTRICT
Statement of Fiduciary Net Position
Other Post-Employment Benefits (OPEB) Plan

June 30, 2018
(with prior-year comparative totals)

	2018	2017
ASSETS:		
Restricted cash and investments held by trust	\$ 1,237,589	\$ 1,131,244
TOTAL ASSETS	1,237,589	1,131,244
NET POSITION:		
Net position restricted for OPEB benefits	1,237,589	1,131,244
TOTAL NET POSITION	\$ 1,237,589	\$ 1,131,244

See accompanying notes to basic financial statements.

MESA WATER DISTRICT
Statement of Changes in Fiduciary Net Position
Other Post-Employment Benefits (OPEB) Plan

Year ended June 30, 2018
(with prior-year comparative totals)

	2018	2017
ADDITIONS:		
Employer contributions	\$ 98,000	\$ 339,724
Investment income	113,337	135,762
TOTAL ADDITIONS	211,337	475,486
DEDUCTIONS:		
Benefits	98,000	89,724
Administrative expense	6,992	6,367
TOTAL DEDUCTIONS	104,992	96,091
CHANGES IN NET POSITION	106,345	379,395
NET POSITION - beginning of year	1,131,244	751,849
NET POSITION - end of year	\$ 1,237,589	\$ 1,131,244

See accompanying notes to basic financial statements.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies

Organization and Description of the District

Mesa Water District (District) is an independent special district formed on January 1, 1960, pursuant to Section 33200 et. seq., of the California Water Code, which was designated the Costa Mesa District Merger Law. The general provisions of this law called for the consolidation of four predecessor agencies.

The District is located in Orange County, California and provides water to the City of Costa Mesa, parts of the City of Newport Beach, and unincorporated parts of Orange County, including the John Wayne Airport. Mesa Water previously sold water at a “pass-through” cost to the City of Huntington Beach through a jointly owned pipeline.

The District’s potable water is produced from groundwater wells or purchased from the Municipal Water District of Orange County (MWDOC), a member agency of the Metropolitan Water District of Southern California (MWD). Non-potable (recycled) water is purchased from the Orange County Water District (OCWD).

The District’s revenue results solely from its activities as a water utility and it does not receive tax revenues of any kind.

The District is governed by a five-member Board of Directors (Board) who serve overlapping four-year terms. Each member of the Board represents one of five geographic divisions of approximately equal population. The Board periodically elects one of its members to serve as President and another as Vice-President. The Board appoints the General Manager who is responsible for the day-to-day operations and the administration of the District in accordance with its policies. The Board also appoints the District Secretary, Assistant District Secretary, District Treasurer, and Assistant District Treasurer.

The District is the primary governmental unit based on the foundation of a separately elected governing board that is elected by the citizens in a general popular election. Component units are legally separate organizations for which the elected officials of the primary government are financially accountable.

Mesa Water District Improvement Corporation (Corporation) was incorporated in March 1988. The Corporation is a California non-profit public benefit corporation formed to assist in the financing of certain improvements to the District’s water system and as such has no employees or other operations. The Corporation meets the definition of a component unit, and is presented on a blended basis, since it is part of the primary government. Although the Corporation is a legally separate entity, the governing board is comprised of the same membership as the District’s Board. The District may impose its will on the Corporation and there is a financial benefit/burden relationship between the District and the Corporation. The Corporation does not issue separate financial statements.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

Measurement Focus and Basis of Accounting - Proprietary Fund

The District is accounted for as an enterprise fund (proprietary fund type). A fund is an accounting entity with a self-balancing set of accounts established to record the net position and results of operations of a specific governmental activity. The activities of enterprise funds closely resemble those of ongoing business in which the purpose is to conserve and add to basic resources while meeting operating expenses from current revenues. Enterprise funds account for operations that provide services on a continuous basis and are substantially financed by revenues derived from user charges.

The accounting and financial reporting treatment is determined by the applicable measurement focus and basis of accounting. Measurement focus indicates the type of resources being measured such as current financial resources or economic resources. The basis of accounting indicates the timing of transactions or events for recognition in the financial statements.

The accompanying financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*. Under the *economic measurement focus*, all assets, deferred outflows of resources, liabilities, and deferred inflows of resources (whether current or noncurrent) associated with these activities are included on the statement of net position. The statement of revenues, expenses and changes in net position present increases (revenues) and decreases (expenses) in total net position. Under the *accrual basis of accounting*, revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of timing of related cash flows.

The District distinguishes operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with water operations. The principal operating revenues of the District are charges to customers for sales and services. Operating expenses include cost of sales and services, general and administrative expenses, and depreciation of capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses. Capital contributions are reported as a separate line item in the statement of revenues, expenses and changes in net position and consist of contributed capital assets, grants, and other charges that are legally restricted for capital expenditures by state law or by Board action that established those charges.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

Measurement Focus and Basis of Accounting - Fiduciary Fund

The fiduciary fund financial statements include the statement of fiduciary net position and the statement of changes in fiduciary net position. The District's fiduciary other post-employment benefits (OPEB) trust fund is accounted for using the *economic resources measurement focus* and *accrual basis of accounting*. The OPEB trust fund accounts for the activities of the District's plan for post-retirement medical benefits.

New Pronouncements

Current Year Standards

In fiscal year 2017-2018, the District implemented Governmental Accounting Standards Board Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. This statement establishes standards for measuring and recognizing liabilities, deferred outflows of resources, deferred inflows of resources, and expenses for postemployment benefits other than pension. Accounting changes adopted to conform to the provisions of this statement should be applied retroactively. The result of the implementation of this statement decreased the net position at July 1, 2017 by \$927,250.

GASB 82 - *Pension Issues*, effective for periods beginning after June 15, 2016, except for certain provisions on selection of assumptions, which are effective in the first reporting period in which the measurement date of the pension liability is on or after June 15, 2017, and did not impact the District.

GASB 85 - *Omnibus 2017*, effective for periods beginning after June 15, 2017, and did not impact the District.

GASB 86 - *Certain Debt Extinguishment Issues*, effective for periods beginning after June 15, 2017, and did not impact the District.

Pending Accounting Standards

GASB has issued the following statements, which may impact the District's financial reporting requirements in the future:

- GASB 83 - *Certain Asset Retirement Obligations*, effective for periods beginning after June 15, 2018.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

New Pronouncements (Continued)

Pending Accounting Standards (Continued)

GASB has issued the following statements, which may impact the District's financial reporting requirements in the future (continued):

- GASB 84 - *Fiduciary Activities*, effective for periods beginning after December 15, 2018.
- GASB 87 - *Leases*, effective for periods beginning after December 15, 2019.
- GASB 88 - *Certain Disclosures Related to Debt, Including Direct Borrowings and Direct Placements*, effective for periods beginning after June 15, 2018.
- GASB 89 - *Accounting for Interest Cost Incurred before the End of a Construction Period*, effective for periods beginning after December 15, 2019.
- GASB 90 - *Majority Equity Interests – an amendment of GASB Statements No. 14 and No. 61*, effective for periods beginning after December 15, 2018.

Net Position

In the statement of net position, net position is classified into the following categories:

Net investment in capital assets - This amount consists of capital assets, net of accumulated depreciation, and reduced by outstanding debt that is attributed to the acquisition, construction, or improvement of the assets.

Unrestricted net position - This amount is all net position that do not meet the definition of "net investment in capital assets".

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 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.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

Budgetary Policies

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

Cash and Cash Equivalents

The District considers all highly liquid investments that were purchased with a maturity of three months or less to be cash equivalents, except for the cash held with fiscal agent.

Investments and Investment Policy

Investments are reported in the accompanying financial statements at fair value, which is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The District has adopted an investment policy directing the District's Treasurer 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.

Accounts Receivable

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.

Restricted Assets

Restricted assets are financial resources generated for a specific purpose such as capital projects, debt service, pension, or other post-employment benefits. These assets are for the benefit of a specified purpose and, as such, are legally or contractually restricted by an external third-party agreement.

Prepaid Expenses

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

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

Material and Supplies Inventory

Materials and supplies inventory consists primarily of pipe fittings, meters, and hydrants used for construction and repairs to the water system, which are valued at cost. The first-in first-out (FIFO) perpetual cost flow assumption is used when inventory is expensed or capitalized the time of use.

Capital and Intangible Assets

Capital assets acquired and/or constructed are capitalized at historical cost. District policy has set the capitalization threshold for capitalizing purchases at \$5,000 for both infrastructure and non-infrastructure assets. Donated assets are recorded at acquisition 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:

	<u>Useful Life</u>
Land improvements	15 - 50 years
Buildings and improvements	10 - 50 years
Machinery and equipment	4 - 10 years
Transmission and distribution system	10 - 99 years
Metering stations	10 - 99 years
Wells and pumping plant	5 - 50 years
Reservoirs	50 -75 years
Control systems	4 - 20 years

Compensated Absences

The District's personnel policies provide for accumulation of vacation. Liabilities for vacation are recorded when benefits are earned. Cash payment of unused vacation is available to those qualified employees when retiring or separating from the District.

Customer Advances and Deposits

Customer advances include deposits received in aid of construction, which are partially refundable if the applicable construction does not take place. Construction advances are transferred to contributed capital when the applicable construction project is completed.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

Customer Advances and Deposits (Continued)

Customer advances also include fees received for installation and inspection services for which the District has yet to provide the service. Revenue is recognized when the service is provided and any deposit remaining at the conclusion of the service is refunded to the customer.

Customer deposits may be collected at the time water service is initiated. Deposits may be applied to customer accounts or refunded at the time an account is closed.

Water Sales

The majority of water sales are billed on a bi-monthly cyclical basis. Large meter customers and high consumption users are billed on a monthly basis. Estimated unbilled water sales and service charges through June 30th have been accrued as of year-end.

Capital Contributions

Capital contributions represent cash and capital asset additions contributed to the District by property owners, granting agencies or real estate developers desiring services that require capital expenditures or capacity commitment.

Capacity Charges

The District recognizes revenue from capacity charges at the time the deposits become non-refundable, which is when the relevant system actually connects to the District's potable water system.

Deferred Inflows/Outflows of Resources

In addition to assets, the statement of net 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 future periods and will not be recognized as an outflow of resources (expense) until then. The District has the following items that qualify for reporting in this category:

- An unamortized loss on bond defeasance results from the difference in the 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.
- Deferred outflow related to pensions and OPEB equal to employer contributions made after the measurement date of the net pension and OPEB liabilities.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

Deferred Inflows/Outflows of Resources

Deferred outflows (continued):

- Deferred outflows related to pensions from differences between actual and expected experience and changes in assumptions. These amounts are amortized over a closed period equal to the average of the expected remaining service lives of all employees that are provided with pensions through the plan.
- Deferred outflow related to pensions resulting from the net differences between projected and actual earnings on investments of the pension plan's fiduciary net position. These amounts are amortized over five years.

In addition to liabilities, the statement of net 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 and will not be recognized as inflow of resources (revenue) until that time. The District has the following items that qualify for reporting in this category:

- Deferred inflows related to pensions from differences between actual and expected experience, changes in assumptions, and changes in employer's proportion and differences between the employer's contributions and the employer's proportionate share of contributions. These amounts are amortized over a closed period equal to the average of the expected remaining service lives of all employees that are provided with pensions through the plan.
- Deferred inflow related to OPEB resulting from the net differences between projected and actual earnings on investments of the OPEB plan's fiduciary net position. These amounts are amortized over five years.

Pensions

For purposes of measuring the net pension liability, deferred outflows and inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the District's California Public Employees' Retirement System (CalPERS) plan (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. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value. CalPERS audited financial statements are publicly available reports that can be obtained at CalPERS' website under Forms and Publications.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(1) Summary of Significant Accounting Policies (Continued)

Pensions (Continued)

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:

	<u>2018</u>	<u>2017</u>
Valuation Date (VD)	June 30, 2016	June 30, 2015
Measurement Date (MD)	June 30, 2017	June 30, 2016
Measurement Period (MP)	June 30, 2016 to June 30, 2017	June 30, 2015 to June 30, 2016

OPEB Plan

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

Use of Estimates

The preparation of the basic financial statements in accordance with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets, deferred outflows of resources, liabilities, deferred inflows of resources, revenues, and expenses and disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments

Cash and investments as of June 30, 2018 and 2017, are classified in the financial statements as follows:

	<u>2018</u>	<u>2017</u>
Statements of Net Position:		
Cash and investments	\$ 34,647,709	\$ 44,566,841
Restricted cash and investments	12,278,226	6,982,505
Fiduciary Statements of Net Position:		
Restricted cash and investments	<u>1,237,589</u>	<u>1,131,244</u>
Total for proprietary and fiduciary funds	<u>\$ 48,163,524</u>	<u>\$ 52,680,590</u>

Cash and investments as of June 30, 2018 and 2017, consist of the following:

	<u>2018</u>	<u>2017</u>
Petty cash	\$ 4,500	\$ 5,007
Deposits with financial institutions	<u>11,894,785</u>	<u>12,504,644</u>
Total cash	<u>11,899,285</u>	<u>12,509,651</u>
Investments	22,748,424	32,057,190
Restricted:		
Investments held by fiscal agent	103	6,982,505
Investments held by Pension Trust	12,278,123	-
Investments held by OPEB Trust	<u>1,237,589</u>	<u>1,131,244</u>
Total investments	<u>36,264,239</u>	<u>40,170,939</u>
Total cash and investments	<u>\$ 48,163,524</u>	<u>\$ 52,680,590</u>

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

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

The following table 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. This table does not address investments of debt proceeds held by bond trustees that are governed by the provisions of debt agreements of the District or the investments of funds within the OPEB Trust that are governed by the agreement between the District and the trustee, rather than the general provisions of the California Government Code or the District's Investment Policy.

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Maximum Percentage of Portfolio</u>	<u>Maximum Investment in One Issuer</u>
Local Agency Bonds	5 years	None	None
U.S. Treasury Obligations	5 years	None	None
State of California Obligations	5 years	None	None
Other State Obligations	5 years	None	None
California Local Agency Obligations	5 years	None	None
U.S. Agency Securities	5 years	None	None
Bankers' Acceptances	180 days	40%	30%
Prime Commercial paper	270 days	25%	10%
Negotiable Certificates of Deposit	5 years	30%	*
Repurchase Agreements	1 year	None	None
Reverse Repurchase Agreements	92 days	20%	**
Medium-term notes	5 years	30%	None
Mutual Funds	N/A	20%	10%
Money market mutual funds	N/A	20%	10%
Trust Indenture or Other Contract	Per Contract	Per Contract	Per Contract
Collateralized Bank Deposits	5 years	None	None
Mortgage Pass-Through Securities	5 years	10%	None
Shares of beneficial interest in JPA's	N/A	None	None
Certificates of Deposits	5 years	30%	None
Local Agency Investment Fund (LAIF)	N/A	None	\$50 million
County Pooled Investment Funds	N/A	None	None
Time Deposits	5 years	None	*

* Subject to FDIC limits

** Of Base

The District's investment policy mirrors the California Government Code except for mortgage pass-through securities. The District's policy is more restrictive than the California Government Code as investments in mortgage pass-through securities shall not exceed 10% of the portfolio.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Investments Authorized by Debt Agreements

Investment of debt proceeds held by bond trustees are governed by provisions of the debt agreements, rather than the general provisions of the California Government Code or the District's Investment Policy.

Pension and OPEB Trusts

Investment Policy

The District established a trust account with Public Agency Retirement Services (PARS) to hold assets that are legally restricted for use in administering the District's pension and OPEB plans. The pension and OPEB trust Funds' specific cash and investments are managed by a third-party portfolio manager under guidelines approved by the District.

Those guidelines are as follows:

Risk Tolerance:	Capital Appreciation
Risk Management:	The portfolio is constructed to control risk through four layers of diversification - asset classes (cash, fixed income, equity), investment styles (large cap, small cap, international, value, growth), managers and securities. Disciplined mutual fund selection and monitoring process help to drive return potential while reducing portfolio risk.
Investment Objective:	The primary goal of the capital appreciation objective is growth of principal. The major portion of the assets are invested in equity securities and market fluctuations are expected.
Strategic Ranges:	0% - 20% Cash 10% - 30% Fixed Income 65% - 85% Equity

Rate of Return

For the year ended June 30, 2018 and 2017, the annual money-weighted rate of return on investments, net of investment expense, was 10.11% and 15.77%, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Investment in State Investment Pool and County 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 District is also a voluntary participant in the Orange County Investment Pool (OCIP) that is regulated by California Government Code and the Orange County Board of Supervisors under the oversight of the Orange County Treasurer-Tax Collector. The fair value of the District's investments in these pools is reported in the accompanying financial statements at amounts based upon the District's pro-rata share of the fair value provided by LAIF and OCIP for each respective portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF and OCIP, which are recorded on an amortized cost basis.

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a governmental entity 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 governmental entity 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 and OCIP).

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), and, the District's investment policy that requires no more than two-thirds of the District's deposits in a depository shall be collateralized by mortgage-backed securities, with the remainder to be secured by non-mortgage-backed securities.

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. Bank balances, up to \$250,000 at June 30, 2018 and 2017 are either federally insured or collateralized in accordance with the Code; however, the collateralized securities are not held in the District's name.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Disclosures Relating to Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. In accordance with its Investment Policy, the District manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer term investments and by timing cash flows from maturities so that a portion of the portfolio is maturing over time as necessary to provide the cash flows and liquidity needed for operations. Information about the sensitivity of the fair values of the District's investments (including investments held by bond trustee) to market interest rate fluctuations is provided in the following tables that shows the distribution of the District's investments by maturity as of June 30, 2018 and 2017.

June 30, 2018:

Investment Type	Total	12 Months Or Less	13 to 24 Months	25-60 Months
Local agency investment pool	\$ 1,026	\$ 1,026	\$ -	\$ -
Orange County investment pool	3,631,784	3,631,784	-	-
Federal agency securities:				
Federal Farm Credit Bank (FFCB)	3,762,558	174,444	-	3,588,114
Federal National Mortgage Association (FNMA)	5,109,447	149,981	146,806	4,812,660
Federal Home Loan Bank (FHLB)	1,661,994	-	442,994	1,219,000
Federal Home Loan Mortgage Corporation (FHLMC)	3,043,132	174,380	985,610	1,883,142
Negotiable certificates of deposit	5,538,483	617,049	727,679	4,193,755
Held by fiscal agent:				
Money market mutual funds	103	103	-	-
Held by Pension Trust:				
PARS Pooled Trust	12,278,123	12,278,123	-	-
Held by OPEB Trust:				
PARS Pooled Trust	1,237,589	1,237,589	-	-
Total	<u>\$ 36,264,239</u>	<u>\$ 18,264,479</u>	<u>\$ 2,303,089</u>	<u>\$ 15,696,671</u>

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Disclosures Relating to Interest Rate Risk (Continued)

June 30, 2017:

Investment Type	Total	12 Months Or Less	13 to 24 Months	25-60 Months
Local agency investment pool	\$ 1,014	\$ 1,014	\$ -	\$ -
Orange County investment pool	3,598,020	3,598,020	-	-
Federal agency securities:				
Federal Farm Credit Bank (FFCB)	4,301,897	499,575	174,195	3,628,127
Federal National Mortgage Association (FNMA)	9,242,187	763,101	3,479,990	4,999,096
Federal Home Loan Bank (FHLB)	5,407,652	-	3,718,716	1,688,936
Federal Home Loan Mortgage Corporation (FHLMC)	3,090,088	-	174,176	2,915,912
Negotiable certificates of deposit	6,416,332	740,873	617,957	5,057,502
Held by fiscal agent:				
Money market mutual funds	6,982,505	6,982,505	-	-
Held by OPEB Trust:				
PARS Pooled Trust	1,131,244	1,131,244	-	-
Total	<u>\$ 40,170,939</u>	<u>\$ 13,716,332</u>	<u>\$ 8,165,034</u>	<u>\$ 18,289,573</u>

(2) Cash and Investments (Continued)

Disclosures Relating to Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of 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 ratings by Standard & Poor's as of year-end for each investment type for the fiscal years ended June 30, 2018 and 2017.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Disclosures Relating to Credit Risk (Continued)

June 30, 2018:

Investment Type	AAA	AA+	Not Rated	Total
Local agency investment pool	\$ -	\$ -	\$ 1,026	\$ 1,026
Orange County investment pool	-	-	3,631,784	3,631,784
Federal agency securities:				
Federal Farm Credit Bank (FFCB)	-	3,762,558	-	3,762,558
Federal National Mortgage Association (FNMA)	-	5,109,447	-	5,109,447
Federal Home Loan Bank (FHLB)	-	1,661,994	-	1,661,994
Federal Home Loan Mortgage Corporation (FHLMC)	-	3,043,132	-	3,043,132
Negotiable certificates of deposit	-	-	5,538,483	5,538,483
Held by fiscal agent:				
Money market mutual funds	103	-	-	103
Held by Pension Trust:				
PARS Pooled Trust	-	-	12,278,123	12,278,123
Held by OPEB Trust:				
PARS Pooled Trust	-	-	1,237,589	1,237,589
	<u>103</u>	<u>13,577,131</u>	<u>22,687,005</u>	<u>36,264,239</u>

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Disclosures Relating to Credit Risk (Continued)

June 30, 2017:

<u>Investment Type</u>	<u>AAA</u>	<u>AA+</u>	<u>Not Rated</u>	<u>Total</u>
Local agency investment pool	\$ -	\$ -	\$ 1,014	\$ 1,014
Orange County investment pool	-	-	3,598,020	3,598,020
Federal agency securities:				
Federal Farm Credit Bank (FFCB)	-	4,301,897	-	4,301,897
Federal National Mortgage Association (FNMA)	-	9,242,187	-	9,242,187
Federal Home Loan Bank (FHLB)	-	5,407,652	-	5,407,652
Federal Home Loan Mortgage Corporation (FHLMC)	-	3,090,088	-	3,090,088
Negotiable certificates of deposit	-	-	6,416,332	6,416,332
Held by fiscal agent:				
Money market mutual funds	6,982,505	-	-	6,982,505
Held by OPEB Trust:				
PARS Pooled Trust	-	-	1,131,244	1,131,244
	<u>\$ 6,982,505</u>	<u>\$ 22,041,824</u>	<u>\$ 11,146,610</u>	<u>\$ 40,170,939</u>

Investments in any one issuer (other than external investment pools, such as LAIF, OCIP, and the pension and OPEB trusts) that represent 5% or more of total District investments are as follows for the fiscal years ended June 30, 2018 and 2017:

June 30, 2018:

<u>Issuer</u>	<u>Investment Type</u>	<u>Amount</u>
FFCB	Federal Agency Securities	\$ 3,762,558
FNMA	Federal Agency Securities	5,109,447
FHLMC	Federal Agency Securities	3,043,132
		<u>\$ 11,915,137</u>

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Disclosures Relating to Credit Risk (Continued)

June 30, 2017:

<u>Issuer</u>	<u>Investment Type</u>	<u>Amount</u>
FFCB	Federal Agency Securities	\$ 4,301,897
FNMA	Federal Agency Securities	9,242,187
FHLB	Federal Agency Securities	5,407,652
FHLMC	Federal Agency Securities	<u>3,090,088</u>
		<u>\$ 22,041,824</u>

Fair Value Measurements

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

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Fair Value Measurements (Continued)

The District had the following recurring fair value measurements as of June 30, 2018:

<u>Investment Type</u>	<u>Quoted Prices Level 1</u>	<u>Observable Inputs Level 2</u>	<u>Unobservable Inputs Level 3</u>	<u>Total</u>
Federal agency securities:				
Federal Farm Credit Bank (FFCB) \$	-	\$ 3,762,558	\$ -	\$ 3,762,558
Federal National Mortgage Association (FNMA)	-	5,109,447	-	5,109,447
Federal Home Loan Bank (FHLB)	-	1,661,994	-	1,661,994
Federal Home Loan Mortgage Corporation (FHLMC)	-	3,043,132	-	3,043,132
Negotiable certificates of deposit	-	5,538,483	-	5,538,483
	<u>\$ -</u>	<u>\$ 19,115,614</u>	<u>\$ -</u>	19,115,614
Local agency investment pool*				1,026
Orange County investment pool*				3,631,784
Held by fiscal agent:				
Money market mutual funds				103
Held by Pension Trust:				
PARS Pooled Trust*				12,278,123
Held by OPEB Trust:				
PARS Pooled Trust*				1,237,589
Total investment portfolio				<u>\$ 36,264,239</u>

* Not subject to fair value measurement hierarchy.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(2) Cash and Investments (Continued)

Fair Value Measurements (Continued)

The District had the following recurring fair value measurements as of June 30, 2017:

Investment Type	Quoted Prices Level 1	Observable Inputs Level 2	Unobservable Inputs Level 3	Total
Federal agency securities:				
Federal Farm Credit Bank (FFCB) \$	-	\$ 4,301,897	\$ -	\$ 4,301,897
Federal National Mortgage Association (FNMA)	-	9,242,187	-	9,242,187
Federal Home Loan Bank (FHLB)	-	5,407,652	-	5,407,652
Federal Home Loan Mortgage Corporation (FHLMC)	-	3,090,088	-	3,090,088
Negotiable certificates of deposit	-	6,416,332	-	6,416,332
	<u>\$ -</u>	<u>\$ 28,458,156</u>	<u>\$ -</u>	28,458,156
Local agency investment pool*				1,014
Orange County investment pool*				3,598,020
Held by fiscal agent:				
Money market mutual funds				6,982,505
Held by OPEB Trust:				
PARS Pooled Trust				1,131,244
Total investment portfolio				<u>\$ 40,170,939</u>

* Not subject to fair value measurement hierarchy.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(3) Capital Assets

Changes in capital assets during the fiscal year ended June 30, 2018, were as follows:

	Balance June 30, 2017	Additions/ Transfers	Deletions/ Transfers	Balance June 30, 2018
Non-depreciable assets:				
Land	\$ 8,965,705	\$ 2,259,385	\$ -	\$ 11,225,090
Construction-in-progress	<u>11,631,553</u>	<u>12,230,716</u>	<u>(8,287,286)</u>	<u>15,574,983</u>
Total non-depreciable assets	<u>20,597,258</u>	<u>14,490,101</u>	<u>(8,287,286)</u>	<u>26,800,073</u>
Depreciable assets:				
Land improvements	881,461	-	-	881,461
Buildings and improvements	4,742,660	-	(8,014)	4,734,646
Machinery and equipment	4,253,363	78,972	(65,137)	4,267,198
Transmission and distribution system	92,841,433	2,340,969	(31,211)	95,151,191
Reservoirs	28,922,516	-	-	28,922,516
Wells and pumping plant	5,679,952	1,225,089	-	6,905,041
Metering stations	645,905	579,853	-	1,225,758
Intangible assets	2,394,009	-	(5,394)	2,388,615
Control systems	5,074,242	-	-	5,074,242
Mesa water reliability facility	<u>29,242,666</u>	<u>1,803,018</u>	<u>-</u>	<u>31,045,684</u>
Total depreciable assets	<u>174,678,207</u>	<u>6,027,901</u>	<u>(109,756)</u>	<u>180,596,352</u>
Accumulated depreciation:				
Land improvements	(664,904)	(28,862)	-	(693,766)
Buildings and improvements	(2,129,834)	(125,734)	8,014	(2,247,554)
Machinery and equipment	(2,549,631)	(357,659)	65,137	(2,842,153)
Transmission and distribution system	(41,117,273)	(1,575,297)	30,932	(42,661,638)
Reservoirs	(10,615,447)	(489,917)	-	(11,105,364)
Wells and pumping plant	(3,245,521)	(141,662)	-	(3,387,183)
Metering stations	(317,570)	(13,885)	-	(331,455)
Intangible assets	(1,993,172)	(102,889)	5,394	(2,090,667)
Control systems	(2,072,703)	(366,426)	-	(2,439,129)
Mesa water reliability facility	<u>(11,114,867)</u>	<u>(1,807,682)</u>	<u>-</u>	<u>(12,922,549)</u>
Total accumulated depreciation	<u>(75,820,922)</u>	<u>(5,010,013)</u>	<u>109,477</u>	<u>(80,721,458)</u>
Total depreciable assets, net	<u>98,857,285</u>	<u>1,017,888</u>	<u>(279)</u>	<u>99,874,894</u>
Total capital assets, net	<u>\$ 119,454,543</u>	<u>\$ 15,507,989</u>	<u>\$ (8,287,565)</u>	<u>\$ 126,674,967</u>

Depreciation and amortization expense during the fiscal year ended June 30, 2018 is as follows:

Capital assets - depreciation expense	\$ 4,907,124
Intangible assets - amortization expense	<u>102,889</u>
	<u>\$ 5,010,013</u>

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(3) Capital Assets (Continued)

Changes in capital assets during the fiscal year ended June 30, 2017, were as follows:

	<u>Balance</u> <u>June 30, 2016</u>	<u>Additions/</u> <u>Transfers</u>	<u>Deletions/</u> <u>Transfers</u>	<u>Balance</u> <u>June 30, 2017</u>
Non-depreciable assets:				
Land	\$ 6,750,215	\$ 2,215,490	\$ -	\$ 8,965,705
Construction-in-progress	<u>3,778,672</u>	<u>13,748,998</u>	<u>(5,896,117)</u>	<u>11,631,553</u>
Total non-depreciable assets	<u>10,528,887</u>	<u>15,964,488</u>	<u>(5,896,117)</u>	<u>20,597,258</u>
Depreciable assets:				
Land improvements	881,461	-	-	881,461
Buildings and improvements	4,614,117	128,543	-	4,742,660
Machinery and equipment	2,981,555	1,368,554	(96,746)	4,253,363
Transmission and distribution system	91,407,674	2,471,660	(1,037,901)	92,841,433
Reservoirs	28,454,927	662,168	(194,579)	28,922,516
Wells and pumping plant	5,679,952	-	-	5,679,952
Metering stations	645,905	-	-	645,905
Intangible assets	2,318,529	75,480	-	2,394,009
Control systems	5,074,242	-	-	5,074,242
Mesa water reliability facility	<u>29,230,544</u>	<u>12,122</u>	<u>-</u>	<u>29,242,666</u>
Total depreciable assets	<u>171,288,906</u>	<u>4,718,527</u>	<u>(1,329,226)</u>	<u>174,678,207</u>
Accumulated depreciation:				
Land improvements	(635,655)	(29,249)	-	(664,904)
Buildings and improvements	(2,003,469)	(126,365)	-	(2,129,834)
Machinery and equipment	(2,170,654)	(473,946)	94,969	(2,549,631)
Transmission and distribution system	(39,716,095)	(1,401,178)	-	(41,117,273)
Reservoirs	(10,262,767)	(454,510)	101,830	(10,615,447)
Wells and pumping plant	(3,105,940)	(139,581)	-	(3,245,521)
Metering stations	(304,652)	(12,918)	-	(317,570)
Intangible assets	(1,881,848)	(111,324)	-	(1,993,172)
Control systems	(1,703,585)	(369,118)	-	(2,072,703)
Mesa water reliability facility	<u>(9,312,847)</u>	<u>(1,802,020)</u>	<u>-</u>	<u>(11,114,867)</u>
Total accumulated depreciation	<u>(71,097,512)</u>	<u>(4,920,209)</u>	<u>196,799</u>	<u>(75,820,922)</u>
Total depreciable assets, net	<u>100,191,394</u>	<u>(201,682)</u>	<u>(1,132,427)</u>	<u>98,857,285</u>
Total capital assets, net	<u>\$ 110,720,281</u>	<u>\$ 15,762,806</u>	<u>\$ (7,028,544)</u>	<u>\$ 119,454,543</u>

Depreciation and amortization expense during the fiscal year ended June 30, 2017 is as follows:

Capital assets - depreciation expense	\$ 4,808,885
Intangible assets - amortization expense	<u>111,324</u>
	<u>\$ 4,920,209</u>

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(4) Compensated Absences

Compensated absences comprise of unpaid vacation which is accrued as earned. The changes in compensated absences balances during the fiscal years ended June 30, 2018 and 2017, were as follows:

<u>Balance</u> <u>June 30, 2017</u>	<u>Earned</u>	<u>Taken</u>	<u>Balance</u> <u>June 30, 2018</u>	<u>Current</u> <u>Portion</u>	<u>Long-term</u> <u>Portion</u>
\$ 429,692	\$ 341,193	\$ (344,536)	\$ 426,349	\$ 341,079	\$ 85,270

<u>Balance</u> <u>June 30, 2016</u>	<u>Earned</u>	<u>Taken</u>	<u>Balance</u> <u>June 30, 2017</u>	<u>Current</u> <u>Portion</u>	<u>Long-term</u> <u>Portion</u>
\$ 444,240	\$ 346,845	\$ (361,393)	\$ 429,692	\$ 343,754	\$ 85,938

(5) Other Post-Employment Benefits (OPEB) Plan

Plan Description

The District has an agent multiple-employer defined benefit plan that provides post-employment health care benefits, including medical, dental, and vision benefits, to eligible employees and their dependents at retirement through the California Public Employees Medical and Hospital Care Act (PEMHCA).

The District elected to join PARS (OPEB Trust) as a means to fund the Annual Determined Contribution (ADC). The OPEB Trust issues a publicly available financial report for the fiduciary net position that is available upon request. The OPEB Trust is reported as a fiduciary fund. The plan itself does not issue a separate financial report.

The District is required to pay the PEMCHA minimum (\$125/month in 2016, \$128/month in 2017, and \$133/month in 2018) for each CalPERS retiree who is enrolled in CalPERS medical insurance for whom the District was their employer.

The following requirements must be satisfied in order to be eligible for post-employment medical, dental, and vision benefits: (1) attainment of age 55, and (2) 11 years of full-time service, and (3) retirement from the District (the District must be the last employer prior to retirement). For qualifying participants enrolled in a CalPERS medical plan, their District benefit includes the PEMHCA minimum.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(5) Other Post-Employment Benefits (OPEB) Plan (Continued)

Plan Description (Continued)

Spouses at the time of the employee's retirement and surviving spouses are also eligible to receive benefits. Retirees may enroll in any plan available through the District's medical and dental programs. The ability to participate in the vision program is linked to participation in the medical program.

Employees Covered

As of the measurement date June 30, 2017, the following current and former employees were covered by the benefit terms under the plan:

Inactive employees or beneficiaries currently receiving benefits	35
Inactive employees or beneficiaries entitled to but not yet receiving benefits	1
Active employees	53
	89
	89

Contributions

Benefit provisions and contribution requirements are established and may be amended by the Board of Directors through agreements and memorandums of understanding between the District and its employees. The plan does not require employee contributions. Administrative costs of the OPEB plan are financed through investment earnings.

The annual contribution is based on the actuarially determined contribution for the fiscal year ended June 30, 2017 and on a pay-as-you-go basis (i.e. as medical insurance premiums become due) for the fiscal year ended June 30, 2018. The District paid \$64,291 for current premiums, \$250,000 payments to the OPEB trust, and the estimated implied subsidy was \$25,433, resulting in total payments of \$339,724 for the measurement period ended June 30, 2017. The payments for current premiums of \$64,291 were paid directly by the District and were not reimbursed by the OPEB trust.

Accounting for the Plan

The OPEB trust with PARS is prepared using the accrual basis of accounting. Employer contributions to the plan are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits are recognized when due and payable in accordance with the terms of each plan.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(5) Other Post-Employment Benefits (OPEB) Plan (Continued)

Method Used to Value Investments

Investments with PARS are reported at fair value, which is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Securities for which market quotations are not readily available are valued at their fair value as determined by the custodian with the assistance of a valuation service.

Total OPEB Liability

The District's total OPEB liability was measured as of June 30, 2017 and was determined by an actuarial valuation as of June 30, 2017. A summary of the principal assumptions and methods used to determine the total OPEB liability are shown below.

Actuarial Assumptions

The total OPEB liability in the June 30, 2017 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Valuation Date	June 30, 2017
Measurement Date	June 30, 2017
Actuarial Cost Method	Entry age normal, level percentage of payroll
Asset Valuation Method	Market value
Actuarial Assumptions:	
Discount Rate	6.75%
Long-Term Expected	
Rate of Return on Investments	6.75%
General Inflation	2.75%
Medical Trend	Non-Medicare: 7.5% for 2020, decreasing to an ultimate rate of 4.0% in 2076 and later years Medicare: 6.5% for 2020, decreasing to an ultimate rate of 4.0% in 2076 and later years
Mortality	CalPERS 1997-2015 experience study
Mortality Improvement	Mortality projected fully generational with Scale MP-17

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(5) Other Post-Employment Benefits (OPEB) Plan (Continued)

Total OPEB Liability (Continued)

Actuarial Assumptions (Continued)

The long-term expected rates of return are Bartel Associates estimates and are presented as geometric means developed over a 20-year period. The long-term expected real rates of return for each major asset class included in the OPEB plan's target asset allocation as follows:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
PARS OPEB Trust:		
Global Equity	73.00%	4.82%
Fixed Income	20.00%	1.47%
Real Estate Investment Trusts	2.00%	3.76%
Cash	5.00%	0.06%
Total	<u>100.00%</u>	

Discount Rate

The discount rate used to measure the total OPEB liability was 6.75%. The projection of cash flows used to determine the discount rate assumed District contributions would result in sufficient plan assets to pay all benefits from the trust. Based on those assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected OPEB payments for current active and inactive employees and beneficiaries. Therefore, the long-term expected rate of return on the OPEB trust was applied to all periods of the projected benefits payments to determine the total OPEB liability.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(5) Other Post-Employment Benefits (OPEB) Plan (Continued)

Changes in the Total OPEB Liability

The changes in the total OPEB liability are as follows:

	Increase (Decrease)		
	Total OPEB Liability	Plan Fiduciary Net Position	Net OPEB Liability (Asset)
Balance at June 30, 2016 (Measurement Date)	\$ 1,712,710	\$ 751,849	\$ 960,861
Changes in the Year:			
Service cost	75,234	-	75,234
Interest on the total OPEB liability	117,658	-	117,658
Contributions - employer	-	339,724	(339,724)
Net investment income	-	135,762	(135,762)
Benefit payments	(89,724)	(89,724)	-
Administrative expenses	-	(6,367)	6,367
Net Changes	103,168	379,395	(276,227)
Balance at June 30, 2017 (Measurement Date)	\$ 1,815,878	\$ 1,131,244	\$ 684,634

Change of Assumptions

There were no changes of assumptions.

Change of Benefit Terms

There were no changes of benefit terms.

Subsequent Events

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

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(5) Other Post-Employment Benefits (OPEB) Plan (Continued)

Changes in the Total OPEB Liability (Continued)

Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The following presents the total OPEB liability of the District, as well as what the District's total OPEB liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current discount rate:

	1% Decrease (5.75%)	Discount Rate (6.75%)	1% Increase (7.75%)
Net OPEB Liability	\$ 906,171	\$ 684,634	\$ 500,389

Sensitivity of the Total OPEB Liability to Changes in Medical Trend Rates

The following presents the total OPEB liability of the District, as well as what the District's total OPEB liability would be if it were calculated using medical trend rates that are 1-percentage point lower:

	6.5% (Non- Medicare) and 5.5% (Medicare) Decreasing to 3.0% in 2076	7.5% (Non- Medicare) and 6.5% (Medicare) Decreasing to 4.0% in 2076	8.5% (Non- Medicare) and 7.5% (Medicare) Decreasing to 5.0% in 2076
Net OPEB Liability	\$ 517,352	\$ 684,634	\$ 890,575

OPEB Expense and Deferred Outflows and Inflows of Resources Related to OPEB

For the year ended June 30, 2018, the District recognized OPEB expense of \$124,929. At June 30, 2018, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
OPEB contributions subsequent to measurement date	\$ 98,000	\$ -
Differences between projected and actual earnings on plan investments	-	61,432
Total	\$ 98,000	\$ 61,432

The differences between projected and actual earnings on plan investments is amortized over five years.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(5) Other Post-Employment Benefits (OPEB) Plan (Continued)

OPEB Expense and Deferred Outflows and Inflows of Resources Related to OPEB
(Continued)

\$98,000 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the total OPEB liability in the year ending June 30, 2019. Other amounts reported as deferred inflows of resources related to OPEB will be recognized as OPEB expense as follows:

Year Ending June 30,	Amount
2019	\$ (15,358)
2020	(15,358)
2021	(15,358)
2022	(15,358)
2023	-
Thereafter	-

Payable to the OPEB Plan

At June 30, 2018, the District had no outstanding amount of contributions to the OPEB plan required for the year ended June 30, 2018.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(6) Long-Term Debt

The following amounts of debt were outstanding June 30, 2018 and 2017:

<i>June 30, 2018</i>					
	Balance at June 30, 2017	Additions	Repayments	Balance at June 30, 2018	Amount Due in One Year
2009 Series COPs	\$ 1,880,000	\$ -	\$ (1,880,000)	\$ -	\$ -
Plus: Unamortized premium	79,094	-	(79,094)	-	-
Total 2009 Series COPs	1,959,094	-	(1,959,094)	-	-
2017 Series COPs	29,295,000	-	(825,000)	28,470,000	2,605,000
Plus: Unamortized premium	5,551,554	-	(569,390)	4,982,164	-
Total 2017 Series COPs	34,846,554	-	(1,394,390)	33,452,164	2,605,000
Total COPs	\$ 36,805,648	\$ -	\$ (3,353,484)	\$ 33,452,164	\$ 2,605,000

<i>June 30, 2017</i>					
	Balance at June 30, 2016	Additions	Repayments	Balance at June 30, 2017	Amount Due in One Year
2009 Series COPs	\$ 3,670,000	\$ -	\$ (1,790,000)	\$ 1,880,000	\$ 1,880,000
Plus: Unamortized premium	190,758	-	(111,664)	79,094	-
Total 2009 Series COPs	3,860,758	-	(1,901,664)	1,959,094	1,880,000
2010 Series COPs	20,085,000	-	(20,085,000)	-	-
Plus: Unamortized premium	777,278	-	(777,278)	-	-
Total 2010 Series COPs	20,862,278	-	(20,862,278)	-	-
2017 Series COPs	-	29,295,000	-	29,295,000	825,000
Plus: Unamortized premium	-	5,551,554	-	5,551,554	-
Total 2017 Series COPs	-	34,846,554	-	34,846,554	825,000
Total COPs	\$ 24,723,036	\$ 34,846,554	\$ (22,763,942)	\$ 36,805,648	\$ 2,705,000

2009 Certificates of Participation

On August 11, 2009 the Mesa Water District Improvement Corporation (Corporation) issued \$14,700,000 of 2009 Certificates of Participation. The proceeds of the sale of the Certificates of Participation were used to refinance the District's 1998 Refunding Certificates of Participation. As a result, the 1998 Refunding Certificates of Participation are considered defeased and the liability for those obligations has been removed from the financial statements.

The above Certificates were secured by a pledge of net revenues from the operation of the enterprise. The District had covenanted that it would set charges which would be sufficient to provide net revenues equal to at least 115% of the aggregate amount of annual debt service of the District. For the year ended June 30, 2018, the District reported net revenues of \$12,733,172 and debt service of \$3,873,150, which is 329%.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(6) Long-Term Debt (Continued)

2009 Certificates of Participation (Continued)

The 2009 Certificates of Participation were issued at an original issue premium of \$953,791, which was amortized by \$9,305 per month over the life of the debt service. Principal and interest were payable semi-annually on March 15th and September 15th of each year with interest rates ranging from 2.0% to 5.0%. The certificates matured on March 15, 2018 and have been fully repaid as of June 30, 2018.

2010 Revenue Certificates of Participation

The 2010 COPs were defeased during the fiscal year ended June 30, 2017 by the issuance of the 2017 COPs that advance refunded these bonds.

2017 Revenue Certificates of Participation

On June 19, 2017, the District issued \$29,295,000 of 2017 Revenue Certificates of Participation (COPs). The issuance proceeds were used to refund the 2010 COPs and to finance the purchase of two wells in order to increase the pumping capacity of the District. The COPs were issued at a premium of \$5,551,554 which will be amortized by \$42,263 per month over the life of the debt service, which is 10 years. Principal is payable on March 15th of each year and interest payments are payable on March 15th and September 15th each year, commencing September 15, 2017 with an interest rate of 5.0%. The COPs are scheduled to mature on March 15, 2027.

As a result of the refunding, the 2010 COPs are considered to be in substance defeased, and the related liabilities have been removed from the District's financial statements. The District's refunding of the 2010 COPs resulted in an economic gain (difference between the present value of the old and new debt) of \$1,360,886 and an aggregate savings in debt service between the refunding debt and the refunded debt of \$1,442,925.

The above Certificates are secured by a pledge of net revenues from the operation of the enterprise. The District has covenanted that it will set charges which will be sufficient to provide net revenues equal to at least 115% of the aggregate amount of annual debt service of the District. For the year ended June 30, 2018, the District reported net revenues of \$12,733,172 and debt service of \$3,873,150, which is 329%.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(6) Long-Term Debt (Continued)

2017 Revenue Certificates of Participation (Continued)

Future annual debt service requirements on the 2017 COPs are as follows:

<u>Year Ending June 30</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2019	\$ 2,605,000	\$ 1,423,500	\$ 4,028,500
2020	2,785,000	1,293,250	4,078,250
2021	2,975,000	1,154,000	4,129,000
2022	3,175,000	1,005,250	4,180,250
2023	3,385,000	846,500	4,231,500
2024-2027	<u>13,545,000</u>	<u>1,582,250</u>	<u>15,127,250</u>
Total Payments	<u>\$ 28,470,000</u>	<u>\$ 7,304,750</u>	<u>\$ 35,774,750</u>

Other Defeased Certificates of Participation

In fiscal year 2016-2017, the District defeased the 2010 COPs by placing the proceeds of the new bonds with an escrow agent to provide for all future debt service payments on the old bonds. Accordingly, the escrow account assets and the liability for the defeased bonds are not included in the District's financial statements. At June 30, 2018 and 2017, \$19,270,000 and \$19,685,000 of bonds outstanding to be paid by the escrow agent are considered defeased.

(7) Net Position

Calculation of net investment in capital assets as of June 30, 2018 and 2017 is as follows:

	<u>2018</u>	<u>2017</u>
Capital assets, net	\$ 126,674,967	\$ 119,454,543
Certificates of participation payable, current	(2,605,000)	(2,705,000)
Certificates of participation payable, non-current	(30,847,164)	(34,100,648)
Deferred amount on refunding	873,404	1,146,261
Bond reserves	103	6,982,505
Net investment in capital assets	<u>\$ 94,096,310</u>	<u>\$ 90,777,661</u>

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(8) Deferred Compensation Program

For the benefit of its employees, the District participates in a 457 Deferred Compensation Program (Program). The purpose of this Program 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. The District is not required to make any contributions to this Program. 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 the Program assets held in trust at June 30, 2018 and 2017 was \$7,283,830 and \$6,836,504, respectively.

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.

(9) 401(a) Defined Contribution Plan and Terminated Retiree Health Savings Plan

For the benefit of its employees, the District participated in a Retiree Health Savings Plan (RHSP). The purpose of the RHSP was to provide supplementary health care benefits to the District's executive management. The District contributed \$15,000 per year for each member of the RHSP, which was automatically vested. No contributions were required of the participants. Members could withdraw funds at the normal retirement age of 55. Benefit terms, including contribution requirements, were established and could be amended by the District's Board of Directors.

For the year ended June 30, 2017, the District contributed \$24,393 to the RHSP. The District is no longer making contributions to this plan since it was terminated on January 1, 2017 and replaced with a 401(a) plan as noted below. After the termination date, the only additions consist of investment earnings.

These assets are held in trust for the exclusive benefit of the participants. 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 the RHSP assets held in trust at June 30, 2018 and 2017 was \$610,084 and \$576,886, respectively.

Since the District has little administrative involvement and does not perform the investing function for the RHSP, the assets and related liabilities are not shown on the statement of net position.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(9) 401(a) Defined Contribution Plan and Terminated Retiree Health Savings Plan
(Continued)

On January 1, 2017, the District terminated the RHSP plan noted above and replaced this plan with a 401(a) single employer defined contribution pension plan for employees within the Management Group. The District contributes 2.5% of each participant's base salary each year subject to limitations by the federal code, which is automatically vested. No contributions are required of the plan participants. Members can withdraw funds at the normal retirement age of 55. Benefit terms, including contribution requirements, are established and may be amended by the District's Board of Directors.

For the years ended June 30, 2018 and 2017, the District contributed \$25,334 and \$19,295, respectively to the 401(a) plan.

These assets are held in trust for the exclusive benefit of the participants. 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 the 401(a) assets held in trust at June 30, 2018 and 2017, was \$49,486 and \$21,249, respectively.

(10) Defined Benefit Pension Plan

Plan Description

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

Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments, and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 50 to 62 with statutorily reduced benefits. All members are eligible for non-industrial disability benefits after five (5) years of service. The death benefit is one of the following: the Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost of living adjustments for each plan are applied as specified by the Public Employees' Retirement Law.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

Benefits Provided (Continued)

The Plan's provisions and benefits in effect at June 30, 2018, are summarized as follows:

	Miscellaneous	
	Prior to January 1, 2013	On or After January 1, 2013
Hire date		
Benefit formula	2%@55	2%@62
Benefit vesting schedule	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life
Retirement age	50 - 63	52 - 67
Monthly benefits, as a % of eligible compensation	1.426% to 2.418%	1.0% to 2.5%
Required employee contribution rates	6.891%	6.308%
Required employer contribution rates:		
Normal cost rate	9.599%	6.908%
Payment of unfunded liability	\$ 403,401	\$ 187

Contributions

Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers are 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 District is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. District contribution rates may change if plan contracts are amended. Payments made by the employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contributions requirements are classified as plan member contributions.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

Actuarial Methods and Assumptions used to determine Total Pension Liability

For the measurement period ended June 30, 2017 (the measurement date), the total pension liability was determined by rolling forward the June 30, 2016 total pension liability determined in the June 30, 2016 actuarial accounting valuation. The June 30, 2017 total pension liability was based on the following actuarial methods and assumptions:

	<u>Miscellaneous</u>
Valuation Date	June 30, 2016
Measurement Date	June 30, 2017
Actuarial Cost Method	Entry-Age Normal Cost Method
Actuarial Assumptions:	
Discount Rate	7.15%
Inflation	2.75%
Salary Increases	(1)
Mortality Rate Table	(2)
Post Retirement Benefit Increase	(3)

(1) Varies by entry age and service

(2) 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 April 2014 experience study report (based on CalPERS demographic data from 1997 to 2011) available on the CalPERS website.

(3) Contract COLA up to 2.75% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.75% thereafter.

All other actuarial assumptions used in the June 30, 2016 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 the CalPERS website under Forms and Publications.

Change of Assumptions

In fiscal year 2017-2018, the financial reporting discount rate was reduced from 7.65% to 7.15%. Deferred outflows of resources and deferred inflows of resources for changes of assumptions represent the unamortized portion of this assumption change and the unamortized portion of the changes of assumptions related to prior measurement periods.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

Discount Rate

The discount rate used to measure the total pension liability was 7.15% for each Plan and reflects the long-term expected rate of return for the each Plan net of investment expenses and without reduction for administrative expenses. 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 of the Plans, the tests revealed the assets would not run out. Therefore, the current 7.15% discount rate is appropriate and the use of the municipal bond rate calculation is not deemed necessary. The long term expected discount rate of 7.15% is applied to all plans in the Public Employees Retirement Fund (PERF). The cash flows used in the testing were developed assuming that both members and employers will make their required contributions on time and as scheduled in all future years. The stress test results are presented in a detailed report called "GASB Crossover Testing Report" that can be obtained from the CalPERS website under the GASB 68 section.

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

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund (PERF) cash flows. Taking into account historical returns of all the Public Employees Retirement Funds' asset classes (which includes the agent plan and two cost-sharing plans or PERF A, B, and C funds), 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 PERF 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.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

Discount Rate (Continued)

The table below reflects the 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. The target allocation shown was adopted by the CalPERS Board effective on July 1, 2014.

Asset Class	New Strategic Allocation	Real Return Years 1 - 10 (a)	Real Return Years 11+ (b)
Global Equity	47.00%	4.90%	5.38%
Global Fixed Income	19.00%	0.80%	2.27%
Inflation Sensitive	6.00%	0.60%	1.39%
Private Equity	12.00%	6.60%	6.63%
Real Estate	11.00%	2.80%	5.21%
Infrastructure and Forestland	3.00%	3.90%	5.36%
Liquidity	2.00%	-0.40%	-0.90%
Total	100.00%		

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

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

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

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

At June 30, 2018 and 2017, the District reported a net pension liability for its proportionate share of the net pension liability as follows:

	2018	2017
Miscellaneous - Proportionate Share of the Net Pension Liability	\$ 10,633,962	\$ 9,049,658

The District's net pension liability for the Plan is measured as the proportionate share of the net pension liability. For the fiscal year ended June 30, 2018, the net pension liability of the Plan is measured as of June 30, 2017, and the total pension liability for the Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2016 rolled forward to June 30, 2017 using standard update procedures. For the fiscal year ended June 30, 2017, the net pension liability of the Plan is measured as of June 30, 2016, and the total pension liability for the Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2015 rolled forward to June 30, 2016 using standard update procedures. The District's proportionate share of the net pension liability was based on a projection of the District's long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined.

The District's proportionate share of the net pension liability for the Plan as of the measurement dates ended June 30, 2015, 2016, and 2017 was as follows:

	Miscellaneous
Proportion - June 30, 2015	0.24319%
Proportion - June 30, 2016	0.26051%
Change - Increase (Decrease)	0.01732%
	Miscellaneous
Proportion - June 30, 2016	0.26051%
Proportion - June 30, 2017	0.26976%
Change - Increase (Decrease)	0.00925%

For the years ended June 30, 2018 and 2017, the District recognized a pension expense of \$1,274,898 and \$1,122,182, respectively for the Plan.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

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

As of June 30, 2018 and 2017, the District reports other amounts for the Plan as deferred outflow and deferred inflow of resources related to pensions as follows:

<i>As of the fiscal year ended June 30, 2018</i>		
	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 838,463	\$ -
Differences between actual and expected experience	14,799	(212,028)
Change in assumptions	1,836,253	(140,016)
Change in employer's proportion and differences between the employer's contributions and the employer's proportionate share of contributions	-	(797,689)
Net differences between projected and actual earnings on plan investments	415,284	-
Total	\$ 3,104,799	\$ (1,149,733)

\$838,463 is reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending June 30, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30,	Amount
2019	\$ (89,466)
2020	919,824
2021	532,808
2022	(246,563)
2023	-
Thereafter	-

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

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

As of the fiscal year ended June 30, 2017

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 766,997	\$ -
Differences between actual and expected experience	24,736	(5,668)
Change in assumptions	-	(234,027)
Change in employer's proportion and differences between the employer's contributions and the employer's proportionate share of contributions	-	(962,871)
Net differences between projected and actual earnings on plan investments	1,218,032	-
Total	\$ 2,009,765	\$ (1,202,566)

\$766,997 is reported as deferred outflows of resources related to contributions subsequent to the measurement date was recognized as a reduction of the net pension liability in the year ended June 30, 2018. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30,	Amount
2018	\$ (494,325)
2019	(314,554)
2020	533,595
2021	315,486
2022	-
Thereafter	-

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(10) Defined Benefit Pension Plan (Continued)

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

The following presents the District's proportionate share of the net pension liability for the Plan, calculated using the discount rate for the Plan, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	<u>Discount Rate - 1%</u> <u>(6.15%)</u>	<u>Current Discount Rate</u> <u>(7.15%)</u>	<u>Discount Rate + 1%</u> <u>(8.15%)</u>
Plan's Net Pension Liability as of the fiscal year ended June 30, 2018	\$ 16,686,777	\$ 10,633,962	\$ 5,620,912
	<u>Discount Rate - 1%</u> <u>(6.65%)</u>	<u>Current Discount Rate</u> <u>(7.65%)</u>	<u>Discount Rate + 1%</u> <u>(8.65%)</u>
Plan's Net Pension Liability as of the fiscal year ended June 30, 2017	\$ 14,467,879	\$ 9,049,658	\$ 4,571,768

Pension Plan Fiduciary Net Position

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

Payable to the Pension Plan

At June 30, 2018 and 2017, the District had no outstanding amount of contributions to the pension plan required for the years ended June 30, 2018 and 2017.

Additional Funding of the Pension Plan

In June 2017, the District approved the creation of a CalPERS defined benefit pension plan trust with PARS (Pension Trust). The PARS trust is legally restricted to providing benefits for members of the defined benefit pension plan. However, in accordance with GASB 68, the asset balance is not included in calculation of the net pension liability above.

The District contributed \$12 million to the Pension Trust in the fiscal year ended June 30, 2018. Investments earnings of \$308,740 and administrative expenses of \$30,617 resulted in an asset balance of \$12,278,123 as of June 30, 2018. No contributions had been made as of June 30, 2017.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(11) 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 is a member of the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA), an intergovernmental risk sharing joint powers authority created to provide self-insurance programs for California water agencies. The purpose of the ACWA/JPIA is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage. On June 30, 2018 and 2017 the District participated in the liability and property programs of the ACWA/JPIA as follows:

- General and auto liability, public officials and employees' errors and omissions: Total risk financing self-insurance limits of \$5 million. ACWA/JPIA purchases additional excess coverage layers: \$55 million for general, auto, and public official's liability which increases the limits on the insurance coverage noted above.
- Public employee dishonesty coverage up to \$100,000 per loss with excess coverage layers of \$2.9 million and includes public employee dishonesty, forgery or alteration, computer fraud, and ERISA.
- Property loss is paid at the replacement cost for property on file, if replaced within two years after the loss, otherwise paid on an actual cash value basis. ACWA/JPIA is self-insured for the first \$100,000, and purchases excess coverage up to \$500 million limited to insurable value of \$70,123,809.
- Boiler and machinery coverage for the replacement cost up to \$500 million per occurrence limited to insurable value, subject to various deductibles depending on the type of equipment.
- Workers' Compensation Insurance up to California statutory limits for all work related injuries/illnesses covered by California law. ACWA/JPIA is self-insured to \$2 million has purchased excess insurance to the statutory limit.

Settled claims have not exceeded any of the coverage amounts in any of the last three fiscal years and there were no reductions in the District's insurance coverage during the years ended June 30, 2018 and 2017. 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 claims payable as of June 30, 2018, 2017, and 2016.

(12) Commitments and Contingencies

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.

MESA WATER DISTRICT
Notes to the Financial Statements
Years Ended June 30, 2018

(13) Restatement of Net Position

The District's net position as of July 1, 2017 was restated as follows:

	<u>2018</u>
Net position at July 1, 2017, as originally reported	\$ 122,350,344
Implementation of GASB Statement 75 to record the net OPEB liability as of the beginning of the year	<u>(927,250)</u>
Net position at July 1, 2017, as restated	<u>\$ 121,423,094</u>

(14) Subsequent Events

In preparing these financial statements, the District has evaluated other events and transactions for potential recognition or disclosure through January 15, 2019, the date the financial statements were available to be issued.

Required Supplementary Information

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MESA WATER DISTRICT

Schedule of Proportionate Share of the Net Pension Liability

Last Ten Fiscal Years*

Fiscal year ended	<u>June 30, 2018</u>	<u>June 30, 2017</u>	<u>June 30, 2016</u>	<u>June 30, 2015</u>
Measurement period	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014
Plan's proportion of the net pension liability	0.10723%	0.10458%	0.09720%	0.10151%
Plan's proportionate share of the net pension liability	\$ 10,633,962	\$ 9,049,658	\$ 6,671,898	\$ 6,316,538
Plan's covered payroll	\$ 4,880,332	\$ 4,641,846	\$ 4,124,923	\$ 5,360,103
Plan's proportionate share of the net pension liability as a percentage of its covered payroll	217.89%	194.96%	161.75%	117.84%
Plan's proportionate share of fiduciary net position as a percentage of the Plan's total pension liability	73.31%	74.06%	82.72%	83.03%
Plan's proportionate share of aggregate employer contributions	\$ 1,262,657	\$ 1,161,687	\$ 1,104,974	\$ 835,655

Notes to Schedule:

Benefit Changes:

There were no changes in benefits.

Changes in Assumptions:

From fiscal year June 30, 2015 to June 30, 2016:

GASB 68, paragraph 68 states that the long-term expected rate of return should be determined net of pension plan investment expense but without reduction for pension plan administrative expense. The discount rate of 7.50% used for the June 30, 2014 measurement date was net of administrative expenses. The discount rate of 7.65% used for the June 30, 2015 measurement date is without reduction of pension plan administrative expense.

From fiscal year June 30, 2016 to June 30, 2017:

There were no changes in assumptions.

From fiscal year June 30, 2017 to June 30, 2018:

The discount rate was reduced from 7.65% to 7.15%.

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

MESA WATER DISTRICT

Schedule of Plan Contributions - Pension

Last Ten Fiscal Years*

Fiscal year ended	<u>June 30, 2018</u>	<u>June 30, 2017</u>	<u>June 30, 2016</u>	<u>June 30, 2015</u>
Contractually required contribution (actuarially determined)	\$ 838,463	\$ 766,997	\$ 693,154	\$ 510,456
Contributions in relation to the actuarially determined contributions	<u>(838,463)</u>	<u>(766,997)</u>	<u>(693,154)</u>	<u>(510,456)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered payroll	\$ 4,788,239	\$ 4,880,332	\$ 4,641,846	\$ 4,124,923
Contributions as a percentage of covered payroll	17.51%	15.72%	14.93%	12.37%

Notes to Schedule:

Valuation Date	6/30/2015	6/30/2014	6/30/2013	6/30/2012
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Methods and Assumptions Used to Determine Contribution Rates:

Single and agent employers	Entry age**
Amortization method	Level percentage of payroll, closed**
Asset valuation method	Market Value***
Inflation	2.75%**
Salary increases	Depending on age, service, and type of employment**
Investment rate of return	7.50%, net of pension plan investment expense, including inflation**
Retirement age	50 years (2%@55) and 52 years (2%@62)**
Mortality	Mortality assumptions are based on mortality rates resulting from the most recent CalPERS Experience Study adopted by the CalPERS Board.**

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

** - The valuation for June 30, 2012, 2013, 2014, and 2015 (applicable to fiscal years ended June 30, 2015, 2016, 2017, and 2018 respectively) included the same actuarial assumptions.

*** - The valuation for June 30, 2012 (applicable to fiscal year ended June 30, 2015) valued assets using a 15 Year Smoothed Market method. The market value asset valuation method was utilized for the June 30, 2013, 2014, and 2015 valuations (applicable to fiscal years ended June 30, 2016, 2017, and 2018 respectively).

MESA WATER DISTRICT

OPEB Plan
Annual Money-Weighted Rate of Return on Investments

Last Ten Fiscal Years*

Retiree Health Plan

<u>Fiscal Year Ended</u>	<u>Annual Money-Weighted Rate of Return, Net of Investment Expense (1)</u>
6/30/17	15.77%
6/30/18	10.11%

(1) Ten years of historical information is required by the Governmental Accounting Standards Board, Statement No. 74. Fiscal year ended June 30, 2017 was the first year of implementation; therefore, only two years are presented.

MESA WATER DISTRICT

Schedule of Changes in the Net OPEB Liability and Related Ratios

Last Ten Fiscal Years*

Fiscal year ended	<u>June 30, 2018</u>
Measurement period	June 30, 2017
Total OPEB Liability:	
Service cost	\$ 75,234
Interest on total OPEB liability	117,658
Benefit payments, including refunds and the implied subsidy benefit payments	<u>(89,724)</u>
Net Change in Total OPEB Liability	103,168
Total OPEB Liability - Beginning of Year	<u>1,712,710</u>
Total OPEB Liability - End of Year (a)	<u>1,815,878</u>
Plan Fiduciary Net Position:	
Contributions - employer	339,724
Net investment income	135,762
Administrative expenses	(6,367)
Benefit payments, including refunds and the implied subsidy benefit payments	<u>(89,724)</u>
Net Change in Plan Fiduciary Net Position	379,395
Plan Fiduciary Net Position - Beginning of Year	<u>751,849</u>
Plan Fiduciary Net Position - End of Year (b)	<u>1,131,244</u>
Net OPEB Liability - Ending (a)-(b)	<u>\$ 684,634</u>
Plan fiduciary net position as a percentage of the total OPEB liability	62.30%
Covered payroll	\$ 4,798,000
Net OPEB liability as percentage of covered payroll	14.27%

Notes to Schedule:

Benefit Changes:

There were no changes in benefits.

Changes in Assumptions:

The fiscal year ended June 30, 2018 is the first year of implementation; therefore, there are no previous GASB 75 actuarial reports for comparison.

* Fiscal year 2018 was the first year of implementation; therefore, only one year is shown.

MESA WATER DISTRICT

Schedule of Plan Contributions - OPEB

Last Ten Fiscal Years*

Fiscal year ended	<u>June 30, 2018</u>
Contractually required contribution (actuarially determined)	\$ 143,000
Contributions in relation to the actuarially determined contributions	<u>(98,000)</u>
Contribution deficiency (excess)	<u>\$ 45,000</u>
Covered payroll	\$ 4,798,000
Contributions as a percentage of covered payroll	2.04%

Notes to Schedule:

Valuation Date 6/30/2017

Methods and Assumptions Used to Determine Contribution Rates:

Actuarial cost method	Entry age normal, level percentage of payroll
Amortization method	Level percent of pay
Amortization period	17-year fixed period for 2017/18
Asset valuation method	Market value
Discount rate	6.75%
General Inflation	2.75%
	Non-Medicare: 7.5% for 2020, decreasing to an ultimate rate of 4.0% in 2076 and later years
Medical trend	Medicare: 6.5% for 2020, decreasing to an ultimate rate of 4.0% in 2076 and later years
Mortality	CalPERS 1997-2015 experience study
Mortality Improvement	Mortality projected fully generational with Scale MP-17

* - Fiscal year 2018 was the 1st year of implementation, therefore only one year is shown.

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Supplementary Information

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MESA WATER DISTRICT

Certificates of Participation
Revenue Coverage

Year Ended June 30, 2018

Total operating and nonoperating revenues and capacity installation charges	\$ 38,192,329
Total maintenance and operating expenses and nonoperating expenses	<u>25,834,785</u>
Net Revenues	<u>\$ 12,357,544</u>
Certificates of participation annual debt service and all other parity debt constituting obligations payable from net revenues	<u>\$ 3,873,150</u>
Ratio of net revenues to annual debt service and all other parity debt payable from net revenues	3.19

MESA WATER DISTRICT
 Certificates of Participation
 Reconciliation of Total Revenues and Total Expenses
 Year Ended June 30, 2018

Revenues:	
Operating revenues	\$ 35,705,309
Nonoperating revenues - investment earnings	535,930
Nonoperating revenues - other nonoperating, net	38,350
Capacity and installation charges	<u>1,912,740</u>
Total revenues	<u><u>\$ 38,192,329</u></u>
Maintenance and operating expenses:	
Operating expenses before depreciation and amortization	\$ 26,224,082
Plus: Other post-employment benefits noncash activity	<u>(389,297)</u>
Total maintenance and operating expenses	<u>25,834,785</u>
Nonoperating expenses:	
Interest expense - long-term debt	1,140,774
Less: Certificates of participation interest paid and noncash amortization of bond defeasance and premiums	<u>(1,140,774)</u>
Total nonoperating expenses	<u>-</u>
Total expenses	<u><u>\$ 25,834,785</u></u>

Statistical Information Section

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MESA WATER DISTRICT

Statistical Section

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 say about the government's overall financial health.

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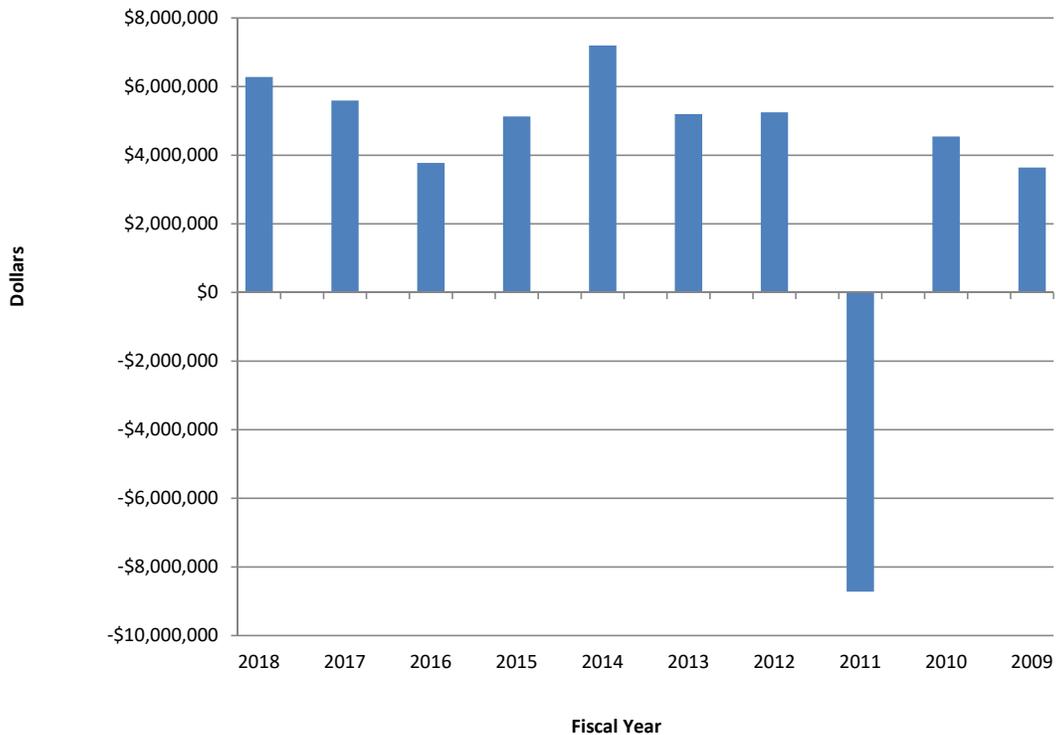
	<u>Page No.</u>
<u>Financial Trends</u>	78-81
<p>These schedules contain trend information to help the reader understand how the District's financial performance and well-being have changed over time.</p>	
<u>Revenue Capacity</u>	82-88
<p>These schedules contain information to help the reader assess the District's most significant own-source revenue, water sales, and related expenses.</p>	
<u>Debt Capacity</u>	89-90
<p>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.</p>	
<u>Demographic and Economic Information</u>	91-92
<p>This schedule offers demographic indicators to help the reader understand the environment within which the District's financial activities take place.</p>	
<u>Operating Information</u>	93-94
<p>These schedules contain service and infrastructure data to help the reader understand how the information in the District's financial report relates to the service the District provides.</p>	

Mesa Water District
Changes in Net Position and Net Position by Component
Last Ten Fiscal Years
Schedule 1

	Fiscal Year			
	2018	2017	2016	2015
Changes in net position:				
Operating revenues (see schedule 2)	\$ 35,705,309	31,124,804	28,997,983	32,913,142
Operating expenses (see schedule 3)	<u>(31,234,095)</u>	<u>(28,489,995)</u>	<u>(26,227,594)</u>	<u>(28,025,981)</u>
Operating income(loss)	4,471,214	2,634,809	2,770,389	4,887,161
Net non-operating revenue(expense) (see schedule 4)	<u>(549,097)</u>	<u>(1,382,150)</u>	<u>(2,009,000)</u>	<u>(889,936)</u>
Net income(loss) before capital contributions	3,922,117	1,252,659	761,389	3,997,225
Capital contributions	3,283,326	4,340,361	3,016,356	2,552,466
Extraordinary Loss on Capital Assets Abandonment	-	-	-	-
Prior Period Adjustment	<u>(927,250)</u>	<u>-</u>	<u>-</u>	<u>(1,418,737)</u>
Changes in net position	<u>\$ 6,278,193</u>	<u>5,593,020</u>	<u>3,777,745</u>	<u>5,130,954</u>
Net position:				
Net Investment in capital assets	\$ 94,096,310	90,777,661	86,535,551 *	84,181,875 *
Restricted	-	-	-	-
Unrestricted	<u>34,532,227</u>	<u>31,572,683</u>	<u>30,221,773</u>	<u>28,797,704</u>
Total net position	<u>\$ 128,628,537</u>	<u>122,350,344</u>	<u>116,757,324</u>	<u>112,979,579</u>

* as restated.

Changes in Net Position

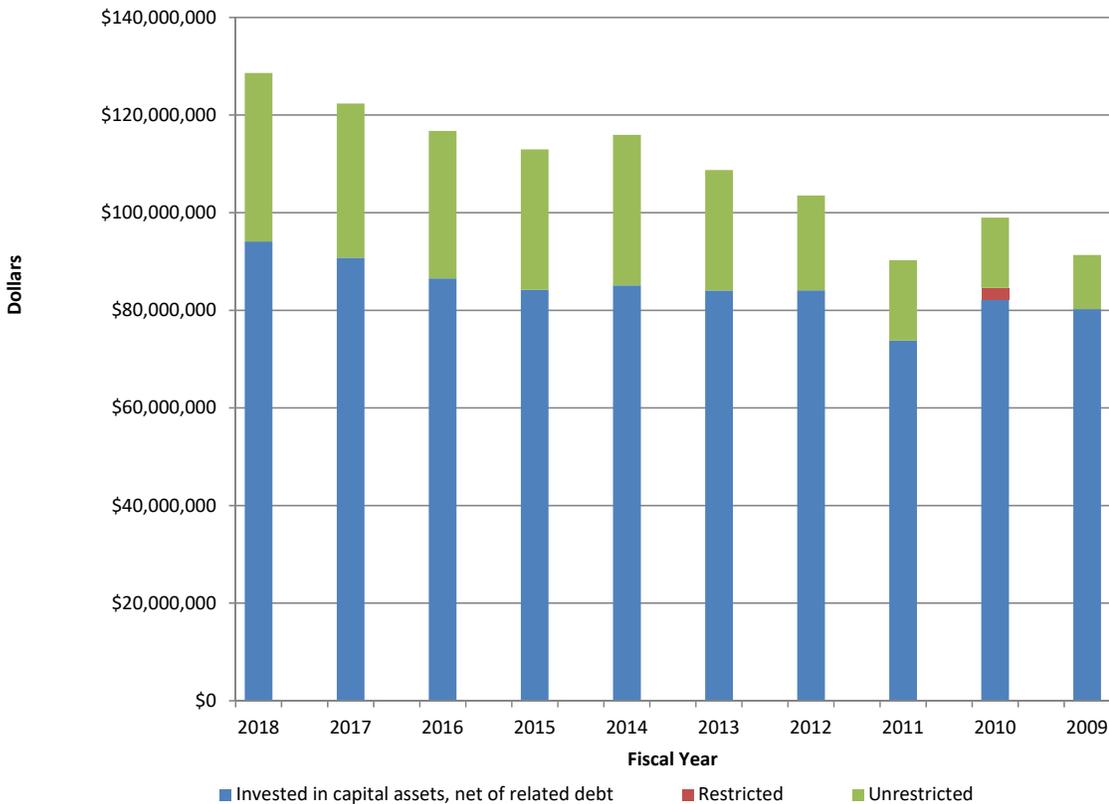


Source: Mesa Water District Audited Financial Statements.

Mesa Water District
Changes in Net Position and Net Position by Component
Last Ten Fiscal Years
Schedule 1, Continued

Fiscal Year					
2014	2013	2012	2011	2010	2009
37,675,090	34,080,443	29,296,353	29,495,485	28,659,798	28,040,492
(31,103,589)	(29,095,185)	(23,953,040)	(25,848,828)	(25,477,025)	(23,977,957)
6,571,501	4,985,258	5,343,313	3,646,657	3,182,773	4,062,535
(1,142,788)	(1,196,646)	(321,690)	(790,937)	(497,795)	(760,720)
5,428,713	3,788,612	5,021,623	2,855,720	2,684,978	3,301,815
1,771,171	1,409,655	228,413	1,779,584	1,858,947	338,678
-	-	-	(13,357,434)	-	-
-	-	-	-	-	-
<u>7,199,884</u>	<u>5,198,267</u>	<u>5,250,036</u>	<u>(8,722,130)</u>	<u>4,543,925</u>	<u>3,640,493</u>
85,117,787	84,054,617	84,080,083	73,793,234	82,182,580	80,253,802
-	-	-	-	2,395,355	2,560,453
<u>30,813,020</u>	<u>24,676,306</u>	<u>19,452,573</u>	<u>16,474,621</u>	<u>14,412,050</u>	<u>11,067,191</u>
<u>115,930,807</u>	<u>108,730,923</u>	<u>103,532,656</u>	<u>90,267,855</u>	<u>98,989,985</u>	<u>93,881,446</u>

Net Position by Component



Source: Mesa Water District Audited Financial Statements.

Mesa Water District
Historic Operating Results and Debt Service Coverage
Last Ten Fiscal Years
Schedule 1a

	Fiscal Year			
	2018	2017	2016	2015
Revenues				
Water Sales	\$26,272,951	\$23,261,150	\$21,357,269	\$24,034,254
Meter Service Charges	6,838,600	6,331,300	6,050,343	5,803,271
Pass-through Water Sales				
Governmental Agencies	-	-	-	-
Concessions from Governmental Agencies	933,937	-	-	968,138
Recycled Water Sales	1,137,748	971,796	1,056,481	1,397,919
Other Charges and Services	522,073	560,558	830,432	709,560
Capacity and Installation Charges	1,912,740	2,498,287	1,945,079	1,247,867
Investment Earnings	535,930	25,518	681,378	404,763
Total Revenues	<u>\$38,153,979</u>	<u>\$33,648,609</u>	<u>\$31,920,982</u>	<u>\$34,565,772</u>
Operation and Maintenance Costs				
Imported & Basin Managed Source of Supply	\$5,573,792	\$842,353	\$1,031,539	\$2,645,852
Transmission and Distribution	6,132,007	5,021,716	4,961,178	5,750,908
General and Administrative	7,978,006	8,184,895	7,900,124	7,380,985
Pass-through Water Purchases to				
Governmental Agencies	-	-	-	-
Total Clear Water Pumping	2,776,268	4,427,407	4,682,120	4,273,537
Total Amber Water Pumping	3,134,554	4,520,866	2,453,295	2,864,506
Recycled Water	629,455	572,549	496,582	436,560
In-lieu Source of Supply	-	-	-	-
Total Operating Expenses	<u>\$26,224,082</u>	<u>\$23,569,786</u>	<u>\$21,524,838</u>	<u>\$23,352,348</u>
Net Revenues	\$11,929,897	\$10,078,823	\$10,396,144	\$11,213,424
Senior Obligations	1,899,150	1,974,000	1,973,750	1,969,750
Senior Obligations Coverage	6.28	5.11	5.27	5.69
Revenues Available for Parity Obligations	\$10,030,747	\$8,104,823	\$8,422,394	\$9,243,674
Parity Obligations				
2010 Installment Payments	-	1,339,638	1,340,038	1,339,838
1991 OCWD Well Loan	-	-	-	-
1998 OCWD Well I I Loan	-	-	-	-
1998 Wells IB and 10 Loan	-	-	-	-
Total Parity Obligations	<u>-</u>	<u>1,339,638</u>	<u>1,340,038</u>	<u>1,339,838</u>
Parity Obligations Coverage	N/A	6.05	6.29	6.90
Revenues Available for Capital Projects and Other Coverage	10,030,747	6,765,185	7,082,357	7,903,837

Source: Mesa Water District Audited Financial Statements.

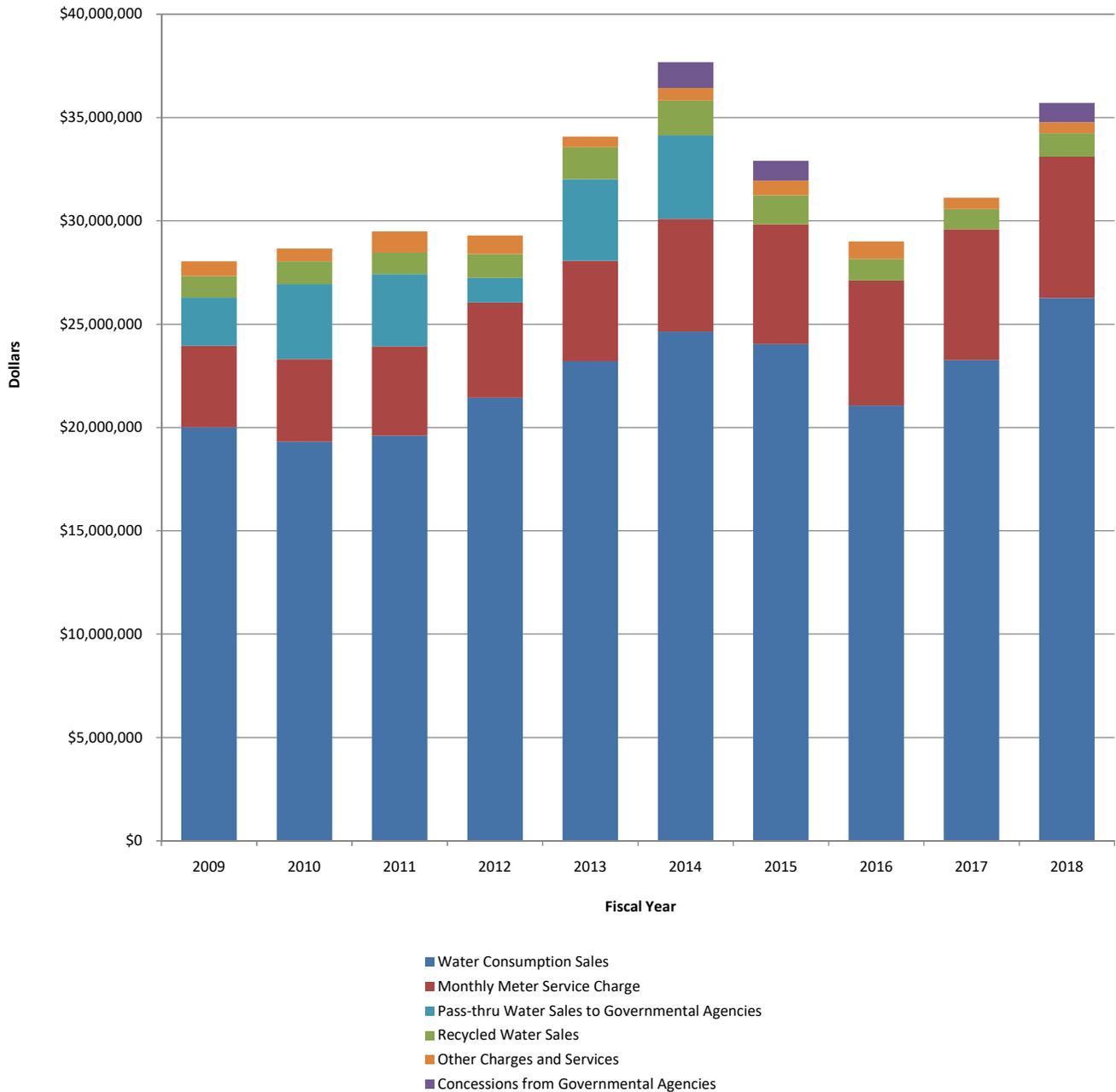
Mesa Water District
Historic Operating Results and Debt Service Coverage
Last Ten Fiscal Years
Schedule 1a, Continued

Fiscal Year					
2014	2013	2012	2011	2010	2009
\$24,639,988	\$23,205,333	\$21,446,306	\$19,598,778	\$19,315,363	\$20,016,831
5,454,610	4,865,284	4,597,512	4,329,199	3,998,580	3,932,115
\$4,035,580	\$3,948,733	\$1,200,178	\$3,494,841	\$3,623,321	\$2,328,144
1,238,000	-	2,797	739,301	564,614	455,175.00
1,698,506	1,549,378	1,158,856	1,042,340	1,100,038	1,061,400
608,406	511,715	893,501	291,027	622,496	702,002
452,679	434,763	134,616	637,994	1,693,593	180,247
238,672	43,234	313,494	94,758	103,864	338,335
<u>\$38,366,441</u>	<u>\$34,558,440</u>	<u>\$29,747,260</u>	<u>\$30,228,238</u>	<u>\$31,021,869</u>	<u>\$29,014,249</u>
\$2,695,858	\$3,073,519	\$5,449,257	\$3,629,226	\$1,897,896	\$2,047,418
5,251,819	5,005,698	4,838,681	4,692,121	4,511,055	4,381,860
6,320,500	6,217,746	5,577,027	5,268,838	4,668,200	4,526,168
4,035,580	3,948,733	1,200,178	3,494,841	3,623,321	2,328,144
4,287,888	4,134,259	3,767,638	3,343,162	3,975,004	4,352,458
3,353,823	2,472,987	38,178	1,943,963	2,924,926	2,469,328
470,767	443,319	325,349	300,364	337,400	361,556
-	-	249,703	209,053	-	-
<u>\$26,416,235</u>	<u>\$25,296,261</u>	<u>\$21,446,011</u>	<u>\$22,881,568</u>	<u>\$21,937,802</u>	<u>\$20,466,932</u>
\$11,950,206	\$9,262,179	\$8,301,249	\$7,346,670	\$9,084,067	\$8,547,317
1,972,150	1,977,750	1,971,850	1,977,850	2,175,993	2,181,053
6.06	4.68	4.21	3.71	4.17	3.92
\$9,978,056	\$7,284,429	\$6,329,399	\$5,368,820	\$6,908,074	\$6,366,264
1,339,038	837,119	-	-	-	-
97,324	46,207	44,645	51,231	51,232	51,232
352,239	37,598	88,832	51,243	51,243	51,243
147,207	52,149	24,759	32,603	32,603	32,603
<u>1,935,808</u>	<u>973,073</u>	<u>158,236</u>	<u>135,077</u>	<u>135,078</u>	<u>135,078</u>
5.15	7.49	40.00	39.75	51.14	47.13
8,042,249	6,311,356	6,171,163	5,233,743	6,772,996	6,231,186

Source: Mesa Water District Audited Financial Statements.

**Mesa Water District
Operating Revenues By Source
Last Ten Fiscal Years
Schedule 2**

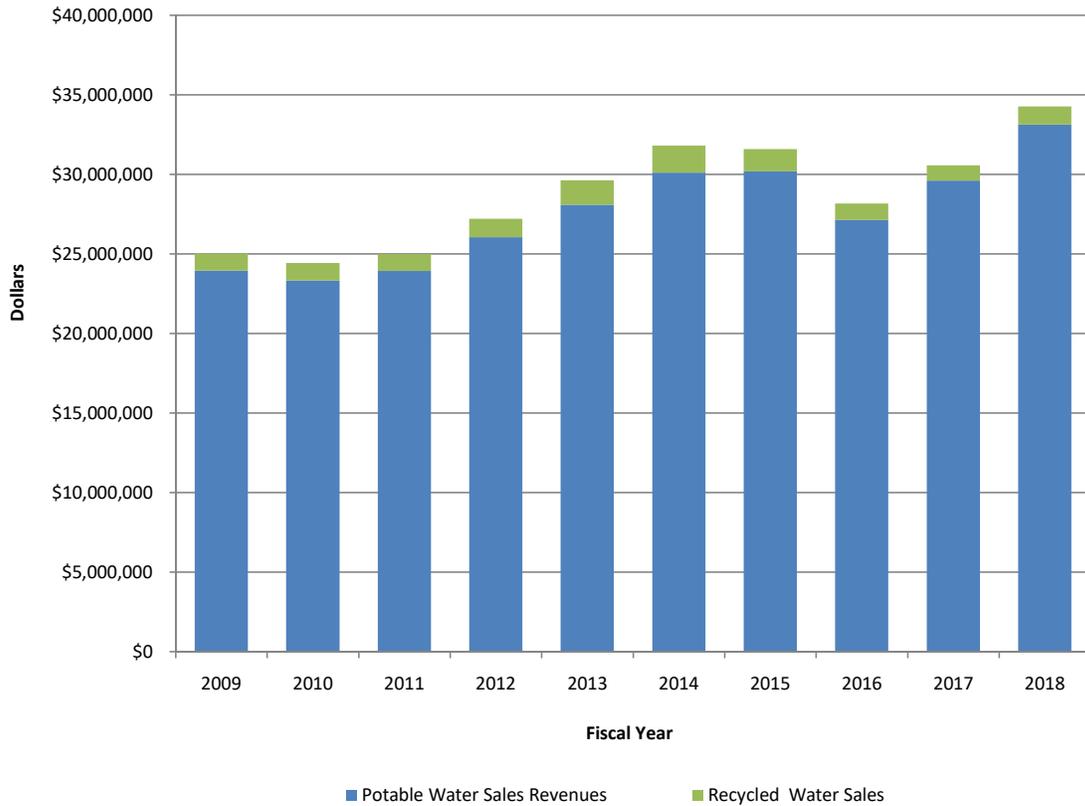
Fiscal Year	Water Consumption Sales	Monthly Meter Service Charge	Pass-thru Water Sales to Governmental Agencies	Recycled Water Sales	Other Charges and Services	Concessions from Governmental Agencies	Total Operating Revenues
2009	20,016,831	3,932,115	2,328,144	1,061,400	702,002	-	28,040,492
2010	19,315,363	3,998,580	3,623,321	1,100,038	622,496	-	28,659,798
2011	19,598,777	4,329,199	3,494,841	1,042,340	1,030,328	-	29,495,485
2012	21,446,306	4,597,512	1,200,178	1,158,856	893,501	-	29,296,353
2013	23,205,333	4,865,284	3,948,733	1,549,378	511,715	-	34,080,443
2014	24,639,988	5,454,610	4,035,580	1,698,506	608,406	1,238,000	37,675,090
2015	24,034,254	5,803,271	-	1,397,919	709,560	968,138	32,913,142
2016	21,060,727	6,050,343	-	1,056,481	830,432	-	28,997,983
2017	23,261,150	6,331,300	-	971,796	560,558	-	31,124,804
2018	26,272,951	6,838,600	-	1,137,748	522,073	933,937	35,705,309



Source: Mesa Water District Audited Financial Statements.

**Mesa Water District
Historic Water Sales Revenues¹
Last Ten Fiscal Years
Schedule 2a**

Fiscal Year	Potable Water Sales Revenues²	Recycled Water Sales	Total	Increase (Decrease)
2009	23,948,946	1,061,400	25,010,346	10.0%
2010	23,313,943	1,100,038	24,413,981	-2.4%
2011	23,927,976	1,042,340	24,970,316	2.3%
2012	26,043,818	1,158,856	27,202,674	8.9%
2013	28,070,617	1,549,378	29,619,995	8.9%
2014	30,094,598	1,698,506	31,793,104	7.3%
2015	30,174,271	1,397,919	31,572,190	-0.7%
2016	27,111,070	1,056,481	28,167,551	-10.8%
2017	29,592,450	971,796	30,564,246	8.5%
2018	33,111,551	1,137,748	34,249,299	12.1%



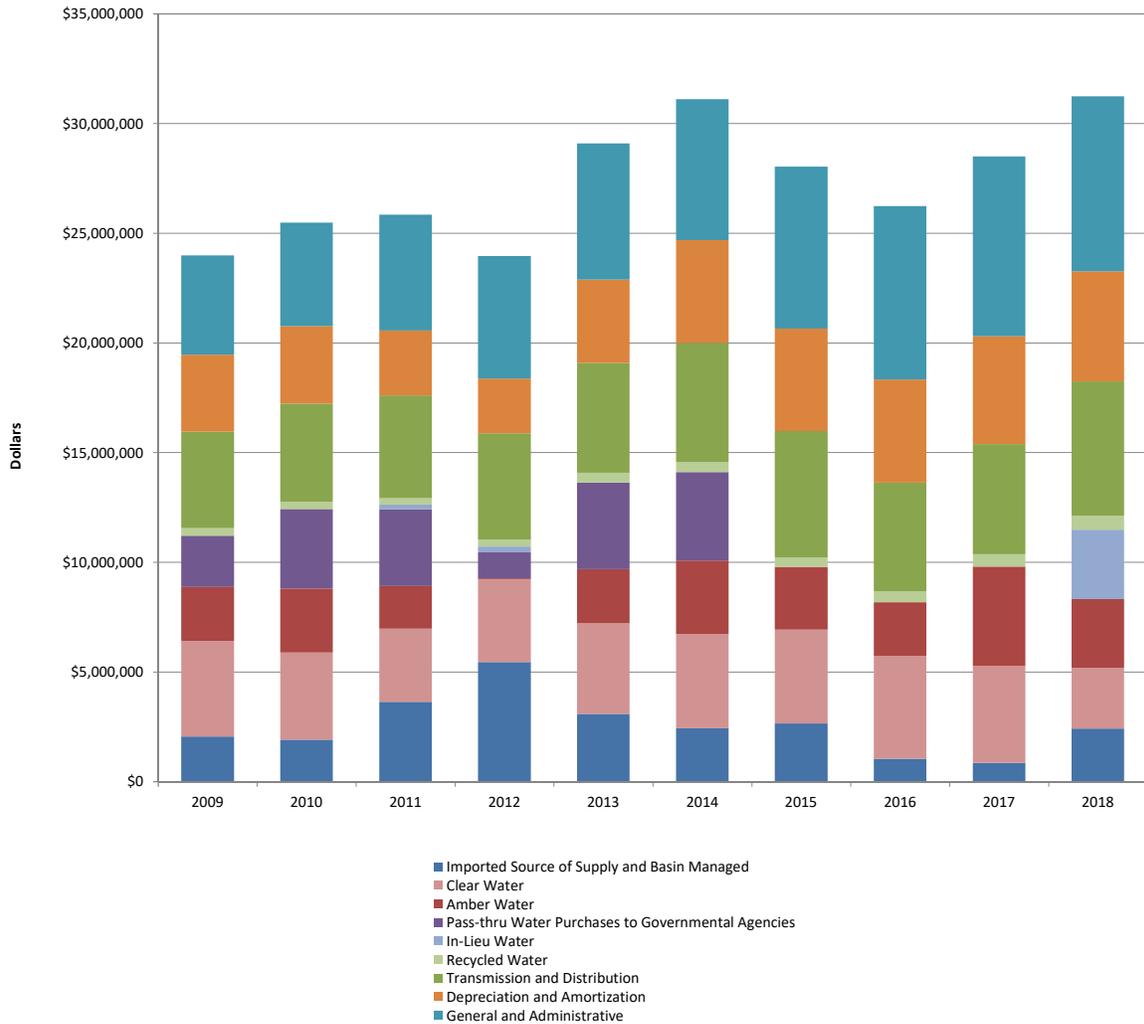
NOTES:

¹ Excludes revenues from sales at cost to the City of Huntington Beach.

² Includes bimonthly meter charges.

**Mesa Water District
Operating Expenses by Activity
Last Ten Fiscal Years
Schedule 3**

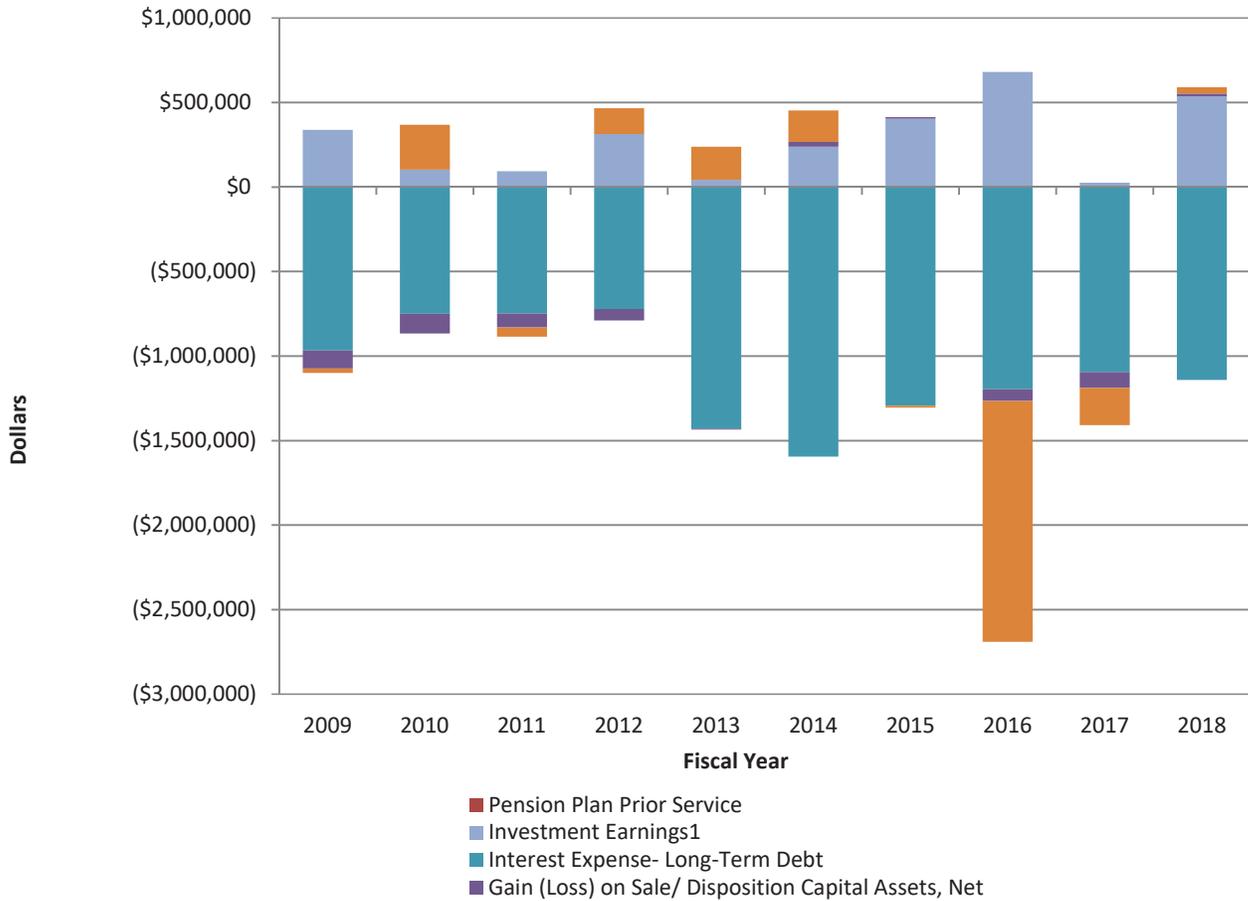
Fiscal Year	Imported Source of Supply and Basin Managed	Pass-thru Water		In-Lieu Water	Recycled Water	Transmission and Distribution	Depreciation and Amortization	General and Administrative	Total Operating Expenses	
	Clear Water	Amber Water	Purchases to Governmental Agencies							
2009	2,047,418	4,352,458	2,469,328	-	361,556	4,381,860	3,511,025	4,526,168	23,977,957	
2010	1,897,896	3,975,004	2,924,926	-	337,400	4,461,625	3,539,223	4,717,630	25,477,025	
2011	3,629,226	3,343,162	1,943,963	209,053	300,364	4,680,458	2,967,260	5,280,501	25,848,828	
2012	5,449,257	3,767,638	38,178	1,200,178	249,703	4,838,681	2,507,029	5,577,027	23,953,040	
2013	3,073,519	4,134,259	2,472,987	3,948,733	-	5,005,698	3,798,924	6,217,746	29,095,185	
2014	2,427,936	4,287,888	3,353,823	4,035,580	-	5,425,385	4,687,354	6,414,856	31,103,589	
2015	2,645,852	4,273,537	2,864,506	-	436,560	5,750,908	4,673,633	7,380,985	28,025,981	
2016	1,031,539	4,682,120	2,453,295	-	496,582	4,961,178	4,702,756	7,900,124	26,227,594	
2017	842,353	4,427,407	4,520,866	-	572,549	5,021,716	4,920,209	8,184,895	28,489,995	
2018	2,405,315	2,776,268	3,134,554	-	3,168,477	629,455	6,132,007	5,010,013	7,978,006	31,234,095



Source: Mesa Water District Audited Financial Statements.

**Mesa Water District
Non-operating Revenues and (Expenses)
Last Ten Fiscal Years
Schedule 4**

Fiscal Year	Investment Earnings¹	Interest Expense- Long-Term Debt	Gain (Loss) on Sale/ Disposition Capital Assets, Net	Other Non-Operating, Net	Pension Plan Prior Service	Nonoperating Revenues/(Expenses)
2009	338,335	(966,598)	(106,544)	(25,913)	-	(760,720)
2010	103,864	(749,969)	(115,994)	264,304	-	(497,795)
2011	94,758	(748,517)	(82,164)	(55,014)	-	(790,937)
2012	313,494	(720,536)	(68,158)	153,510	-	(321,690)
2013	43,234	(1,429,154)	(6,288)	195,562	-	(1,196,646)
2014	238,672	(1,595,546)	28,155	185,931	-	(1,142,788)
2015	404,763	(1,293,727)	9,639	(10,611)	-	(889,936)
2016	681,378	(1,196,589)	(69,130)	(1,424,659)	-	(2,009,000)
2017	25,518	(1,094,610)	(94,086)	(218,972)	-	(1,382,150)
2018	535,930	(1,140,774)	17,397	38,350	-	(549,097)

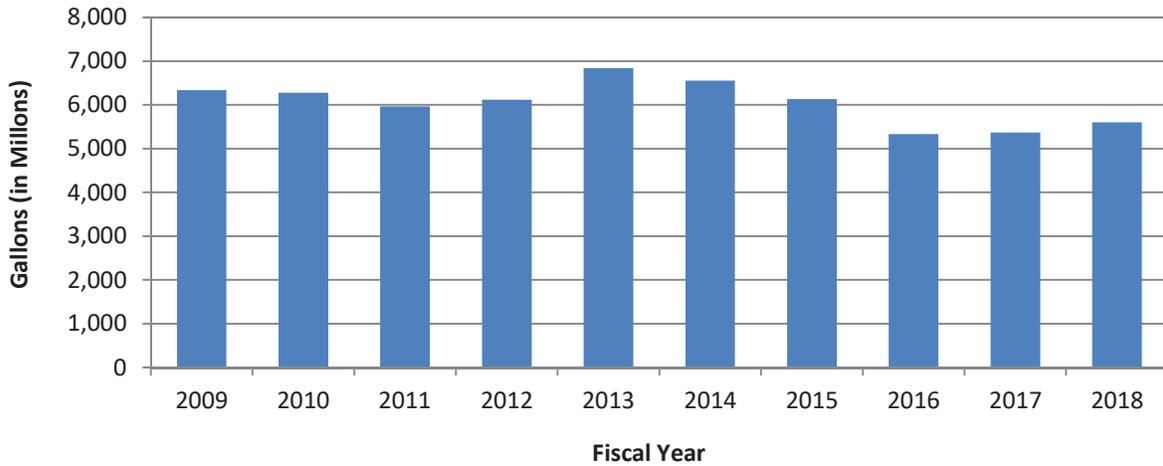


Note: (1) Includes Interest Income Realized and Unrealized Gains and Losses On Investments.

Source: Mesa Water District Audited Financial Statements.

**Mesa Water District
Operating Revenue Base
Last Ten Fiscal Years
Schedule 5**

Fiscal Year	Production (Gallons)	AF	Sales AF	Production AF
2009	6,338,694,880	19,453	19,753	20,040
2010	6,276,476,792	18,234	18,234	19,262
2011	5,964,539,630	17,359	17,359	18,305
2012	6,119,286,269	17,874	17,874	18,779
2013	6,836,777,586	18,701	18,701	20,981
2014	6,551,560,206	19,011	19,011	20,106
2015	6,130,560,714	18,110	18,110	18,814
2016	5,330,922,360	15,057	15,057	16,360
2017	5,370,676,182	15,898	15,898	16,482
2018	5,605,288,902	17,059	17,059	17,202

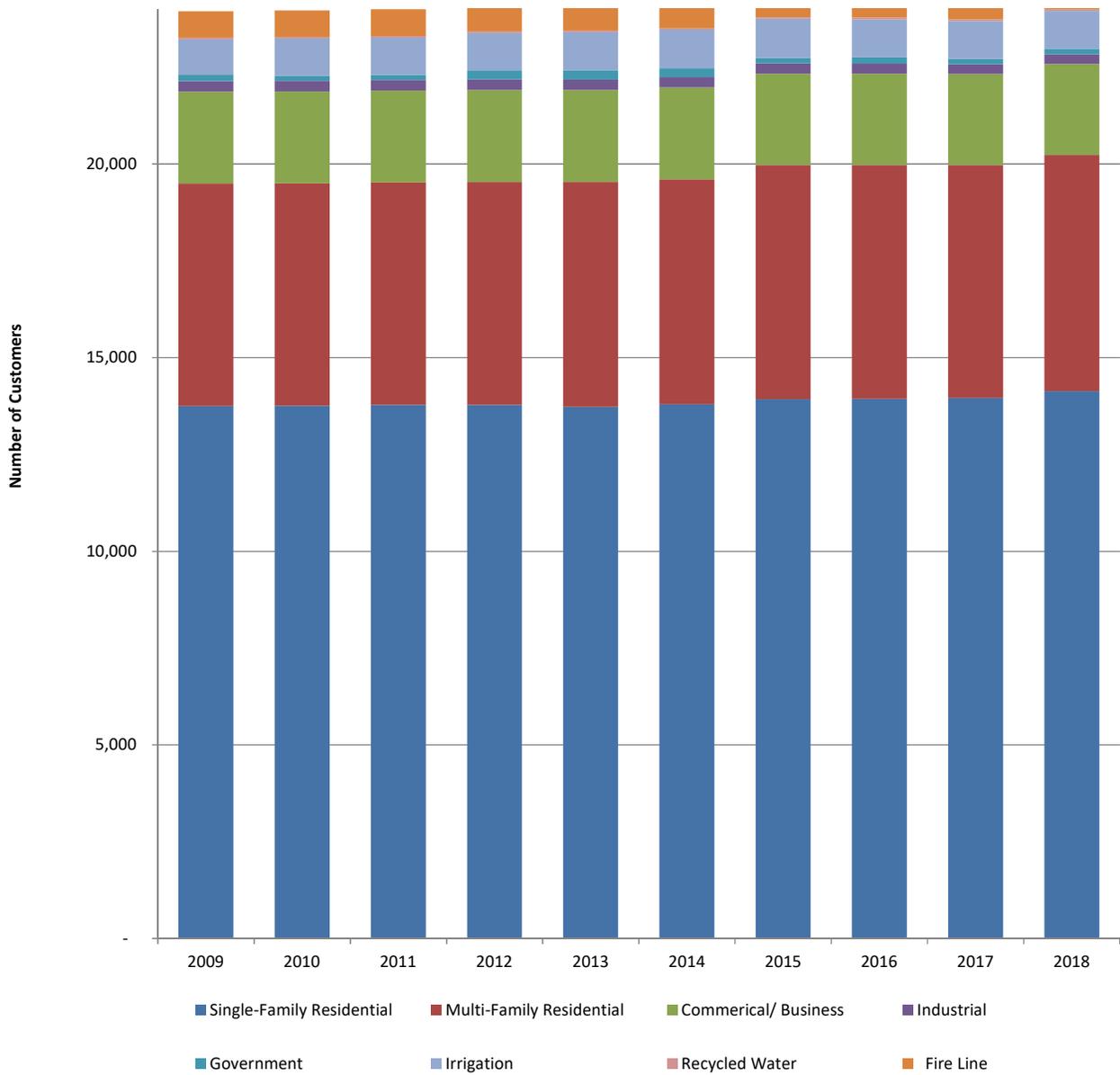


Note: For Information Regarding Water Sales See Schedule 2 'Operating Revenue by Source'.

Source: Mesa Water District Billing System.

**Mesa Water District
Customer Connections
Last Ten Fiscal Years
Schedule 6**

Fiscal Year	Customer Type							
	Single-Family Residential	Multi-Family Residential	Commerical/ Business	Industrial	Other & Government	Irrigation	Recycled Water	Fire Line
2009	13,754	5,741	2,371	276	166	913	42	679
2010	13,761	5,740	2,372	277	134	959	42	683
2011	13,783	5,742	2,369	277	129	966	42	687
2012	13,778	5,763	2,370	274	223	977	42	698
2013	13,732	5,808	2,371	269	240	984	42	699
2014	13,798	5,806	2,374	267	228	996	32	704
2015	13,931	6,041	2,359	264	142	1013	36	705
2016	13,933	6,044	2,357	255	175	973	43	708
2017	13,955	6,021	2,351	253	139	973	42	743
2018	14,138	6,092	2,356	249	142	976	43	752



Source: Mesa Water District-Customer Services Department

**Mesa Water District
Revenue Rates
Last Ten Fiscal Years
Schedule 7**

Minimum Bimonthly Service Charge - Potable Water Service

Meter Size	6/30/09	6/30/10	6/30/11	6/30/12	6/30/13	6/30/14	6/30/15	6/30/16	6/30/17	6/30/18
5/8"	\$ 15.00	16.00	17.00	18.00	19.00	20.00	21.50	22.50	23.00	24.69
3/4"	22.50	24.00	25.50	27.00	28.50	30.00	32.50	33.50	34.50	37.31
1"	37.50	40.00	42.50	45.00	47.50	50.00	54.00	55.50	57.50	62.00
1 1/2"	75.00	80.00	85.00	90.00	95.00	100.00	108.00	111.50	115.00	124.51
2"	120.00	128.00	136.00	144.00	152.00	160.00	172.50	178.50	184.00	199.11
3"	262.50	280.00	297.50	315.00	332.50	350.00	378.00	390.00	402.00	435.51
4"	750.00	504.00	535.50	567.00	598.50	630.00	680.00	702.00	724.00	784.32
6"	1,125.00	1,120.00	1,190.00	1,260.00	1,330.00	1,400.00	1,510.00	1,560.00	1,610.00	1,744.08
8"	1,687.50	1,920.00	2,040.00	2,160.00	2,280.00	2,400.00	2,590.00	2,670.00	2,670.00	2,983.82
10"	N/A	3,040.00	3,230.00	3,420.00	3,610.00	3,800.00	4,100.00	4,230.00	4,370.00	4,727.89

Minimum Bimonthly Service Charge - Fireline Water Service - Class I

Meter Size	6/30/08	6/30/09	6/30/10	6/30/11	6/30/12	6/30/13	6/30/15	6/30/16	6/30/17	6/30/18
2"	\$ 14.00	15.00	16.00	17.00	18.00	19.00	20.50	21.00	22.00	6.81
3"	21.00	22.50	24.00	25.50	27.00	28.50	31.00	32.00	33.00	19.79
4"	28.00	30.00	32.00	34.00	36.00	38.00	41.00	42.50	43.50	42.18
6"	42.00	45.00	48.00	51.00	54.00	57.00	61.50	63.50	65.50	122.53
8"	56.00	60.00	64.00	68.00	72.00	76.00	82.00	84.50	87.50	261.11
10"	70.00	90.00	96.00	102.00	108.00	114.00	123.00	127.00	131.00	469.56
12"	84.00	N/A								

Minimum Bimonthly Service Charge - Fireline Water Service - Class II

Meter Size	6/30/08	6/30/09	6/30/10	6/30/11	6/30/12	6/30/13	6/30/15	6/30/16	6/30/17	6/30/18
2"	\$ 28.00	30.00	32.00	34.00	36.00	38.00	41.00	42.50	43.50	6.81
3"	42.00	45.00	48.00	51.00	54.00	57.00	61.50	63.50	65.50	19.79
4"	56.00	60.00	64.00	68.00	72.00	76.00	82.00	84.50	87.50	42.18
6"	84.00	90.00	96.00	102.00	108.00	114.00	123.00	127.00	131.00	122.53
8"	112.00	120.00	128.00	136.00	144.00	152.00	164.00	169.50	174.50	261.11
10"	140.00	180.00	192.00	204.00	216.00	228.00	246.00	254.00	262.00	469.56
12"	168.00	N/A								

Water Use Rate (per 100 cubic feet = 748 gallons)

User Type	6/30/08	6/30/09	6/30/10	6/30/11	6/30/12	6/30/13	6/30/15	6/30/16	6/30/17	6/30/18
<u>Residential</u>										
Potable Commodity Rate	\$ 2.50	2.60	2.70	2.85	3.00	3.15	3.40	3.51	3.62	3.86
<u>Non-Residential</u>										
Construction Commodity Rate	\$ 3.75	3.90	4.05	4.28	4.50	4.73	5.10	5.26	5.43	4.27
Fireline Commodity Rate	\$ 5.00	5.20	5.40	5.70	6.00	6.30	6.80	7.02	7.24	4.27
Recycled Commodity Rate	\$ 2.25	2.34	2.43	2.57	2.70	2.84	2.51	2.32	1.82	2.52

**Mesa Water District
Ten Largest Water Users by Revenue
Current Fiscal Year and Five Years Ago
Schedule 8**

FY 2017/18		Consumption	Acre Feet	% of Total	FY 2012/13		Consumption	Acre Feet	% of Total
1	Mesa Verde Partners	219,702	504	2.8%	Mesa Verde	213,367	490	2.6%	
2	Newport-Mesa School District	139,476	320	1.8%	City Of Costa Mesa	212,661	488	2.6%	
3	City Of Costa Mesa	113,861	261	1.5%	Newport-Mesa Unified School District	188,780	433	2.3%	
4	The Irvine Company, Llc	78,854	181	1.0%	County of Orange	168,785	387	2.1%	
5	Casden Lakes, Lp	56,521	130	0.7%	CalTrans	104,757	240	1.3%	
6	South Coast Plaza	50,246	115	0.6%	Fairview State Hospital	99,874	229	1.2%	
7	Arnel Residential Properties	47,838	110	0.6%	The Irvine Company, L.L.C.	97,872	225	1.2%	
8	County Of Orange	47,715	110	0.6%	South Coast Plaza	89,405	205	1.1%	
9	Arnel Residential Properties	46,212	106	0.6%	United Dominion Realty	87,242	200	1.1%	
10	Camden Property Trust	46,172	106	0.6%	Coast Community College	72,571	167	0.9%	
			<u>1,943</u>	<u>10.8%</u>			<u>3,065</u>	<u>16.4%</u>	

Sales in Acre Feet

Potable	17,059
Recycled	<u>853</u>
Total Sales Acre Feet	<u>17,912</u>

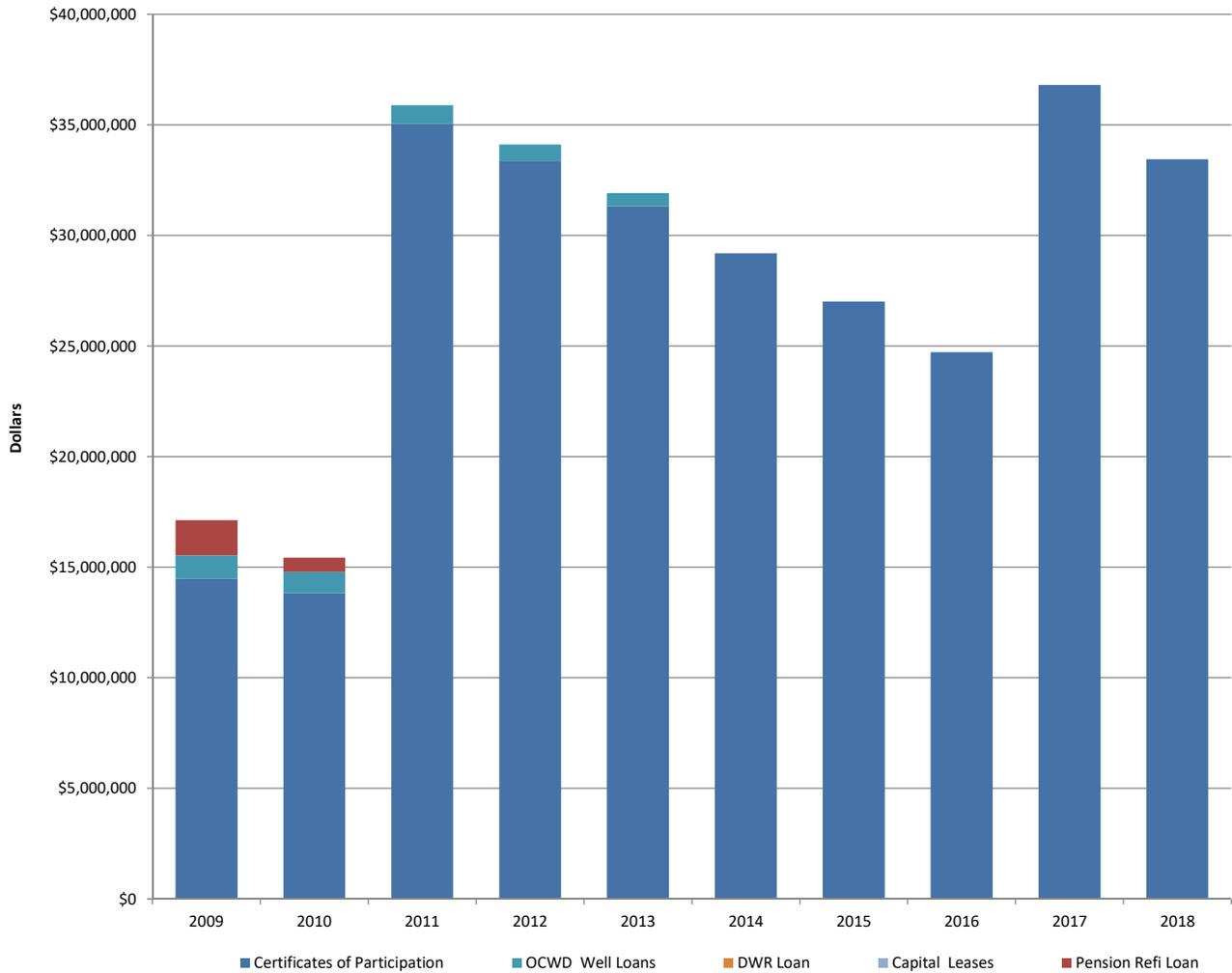
Sales in Acre Feet

Potable	17,450
Recycled	<u>1,251</u>
Total Sales Acre Feet	<u>18,701</u>

Source: Mesa Water District Billing System

Mesa Water District
Ratios of Outstanding Debt by Type
Last Ten Fiscal Years
Schedule 9

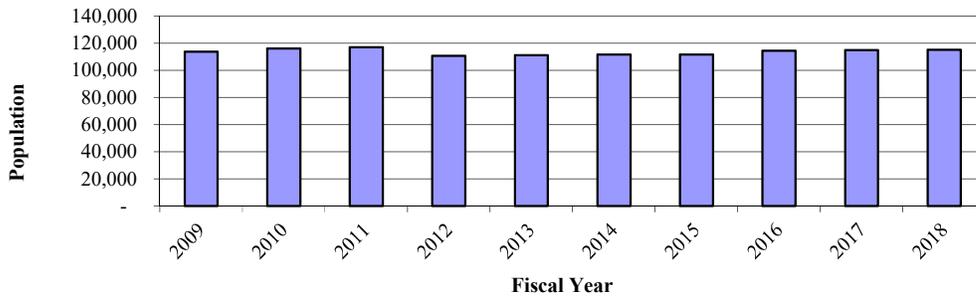
Fiscal Year	Certificates of Participation	OCWD Well Loans	DWR Loan	Capital Leases	Pension Refi Loan	Total		
						Debt	Per Capita	As a Share of Personal Income
2009	14,490,700	1,039,311	-	-	1,595,174	17,125,185	146.15	0.30%
2010	13,845,738	940,612	-	-	650,474	15,436,824	139.38	0.26%
2011	35,050,518	838,455	-	-	-	35,888,973	322.28	0.59%
2012	33,380,023	732,724	-	-	-	34,112,747	305.00	0.56%
2013	31,319,523	596,770	-	-	-	31,916,293	285.39	0.50%
2014	29,204,027	-	-	-	-	29,204,027	254.83	0.43%
2015	27,013,531	-	-	-	-	27,013,531	235.71	0.39%
2016	24,723,036	-	-	-	-	24,723,036	214.98	0.35%
2017	36,805,648	-	-	-	-	36,805,648	320.05	0.52%
2018	33,452,164	-	-	-	-	33,452,164	290.14	0.46%



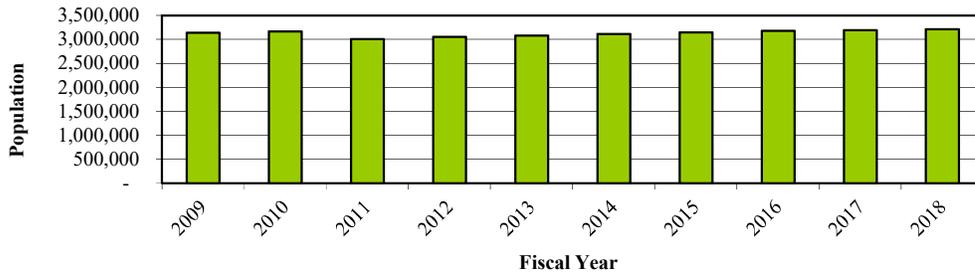
**Mesa Water District
Schedule of Demographics and Economic Statistics
Last Ten Calendar Years
Schedule 10**

Year	Costa Mesa		County of Orange		
	Population	Unemployment Rate	Population	Personal Income (Thousands of Dollars)	Personal Income per Capita
2009	113,955	8.4%	3,139,017	148,372,600	47,267
2010	116,341	8.5%	3,166,461	153,098,600	48,350
2011	117,178	7.8%	3,010,232	159,007,100	52,822
2012	110,757	7.1%	3,055,792	166,345,500	54,436
2013	111,358	5.0%	3,081,804	168,966,400	54,827
2014	111,846	4.6%	3,113,991	177,412,900	56,973
2015	111,835	4.1%	3,147,655	185,500,000	58,933
2016	114,603	3.6%	3,183,011	190,978,000	59,999
2017	115,012	3.3%	3,194,024	199,492,000	62,458
2018	115,296 (1)	2.9%	3,215,000 (1)	202,000,000 (1)	63,500 (1)

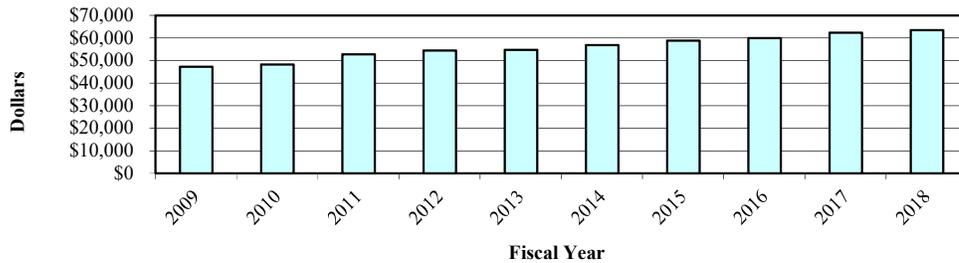
Population - Costa Mesa



Population - Orange County



Personal Income per Capita - Orange County



Sources:

California Department of Finance, Demographic Research Unit, <http://www.dof.ca.gov>
 State of California, Employment Development Department, <http://www.edd.ca.gov>
 County of Orange, Comprehensive Annual Financial Reports, <http://egov.ocgov.com/ocgov/Auditor-Controller>

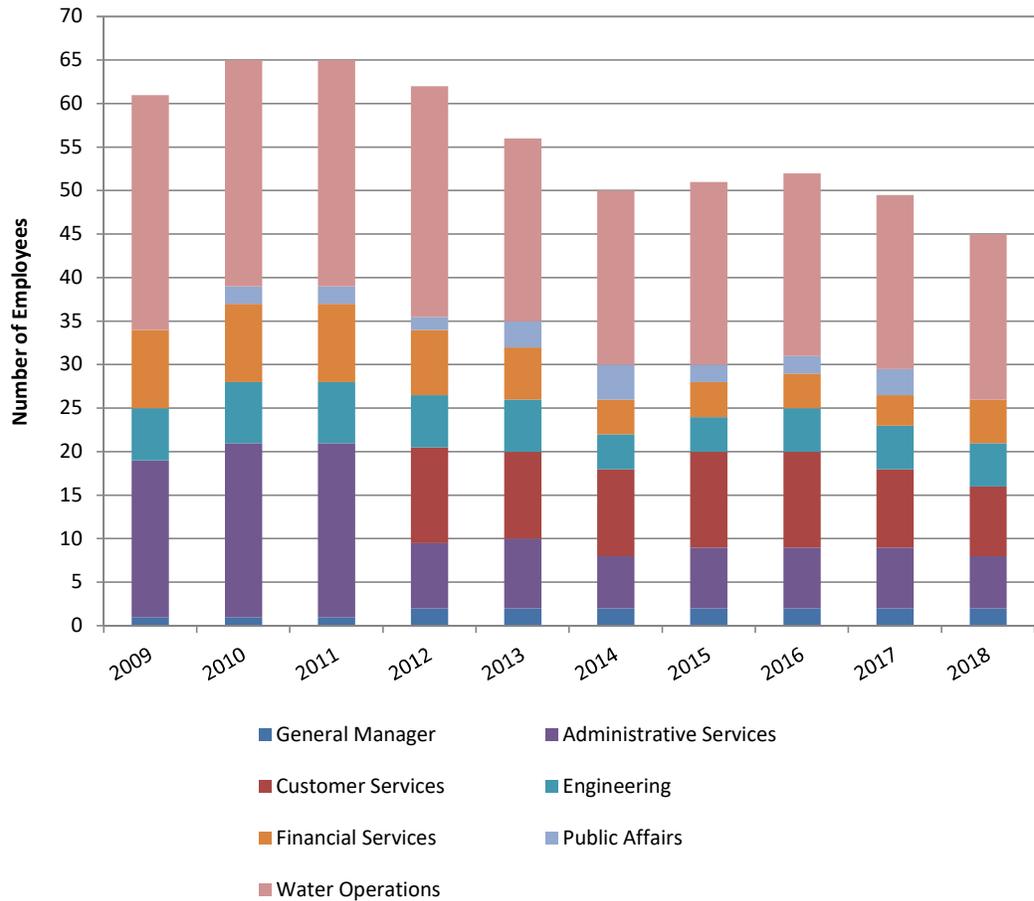
Mesa Water District
City of Costa Mesa Principal Employers
Current Year and Nine Years Ago
Schedule 11

2016-2017 ⁽¹⁾			2007-2008		
Name of Company	Number of Employees	% of Total	Name of Company	Number of Employees	% of Total
Epl Intermediate, Inc.	3,998	5.96%	Coast Community College District Foundation	3,044	4.66%
Experian Information Solution	3,700	5.51%	Orange Coast Community College	2,500	3.83%
Coast Community College District Foundation	2,900	4.32%	Coast Community College	2,500	3.83%
Orange Coast Community College	1,900	2.83%	Ctc Direct Inc.	2,000	3.06%
California State Hospital- Fairview Develop. Center	1,500	2.24%	California State Hospital- Fairview Develop. Center	1,500	2.30%
Stearns Lending, LLC	1,500	2.24%	Interinsurance Exchange	1,200	1.84%
Auto Club Enterprise	1,200	1.79%	First Team Real Estate Inc.	1,025	1.57%
Westar Capital Associates II, LLC	1,184	1.76%	Experian Information Solution	1,000	1.53%
Deloitte Consulting L.L.P.	800	1.19%	Los Angeles Times	1,000	1.53%
Dynamic Cooking Systems, Inc.	700	1.04%	Macy's Department Stores Inc.	750	1.23%

(1) Data not yet available for fiscal year 2017-2018

Mesa Water District
District Employees by Department
Last Ten Fiscal Years
Schedule 12

Department	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
General Manager	1	1	1	2	2	2	2	2	2	2
Administrative Services	18	20	20	7.5	8	6	7	7	7	6
Customer Services	0	0	0	11	10	10	11	11	9	8
Engineering	6	7	7	6	6	4	4	5	5	5
Financial Services	9	9	9	7.5	6	4	4	4	3.5	5
Public Affairs	0	2	2	1.5	3	4	2	2	3	0
Government Affairs	0	0	0	0.0	0	0	0	1	1	1
Water Operations	27	26	26	26.5	21	20	21	21	20	19
	61	65	65	62	56	50	51	53	51	46



Source: Mesa Water District

**Mesa Water District
Historic Water Supply
In Acre Feet Per Year
Last Five Fiscal Years
Schedule 13**

<u>Fiscal Year</u>	<u>Groundwater</u>	<u>Supplemental Water</u>			<u>Total</u>
		<u>CPTP</u>	<u>Recycled Water</u>	<u>In-Lieu Water</u>	
2018	9,284	1,987	853	5,931	18,055
2017	16,185	298	1,197	-	17,680
2016	14,855	202	1,217	-	16,274
2015	15,658	1,997	1,159	-	18,814
2014	16,775	2,029	1,302	-	20,106

Source: Mesa Water District Records

**Mesa Water Deliveries
Historic Water Deliveries
In Acre Feet Per Year
Last Five Fiscal Years
Schedule 14**

<u>Fiscal Year</u>	<u>Potable Water Deliveries</u>	<u>Recycled Water Deliveries</u>	<u>Total</u>	<u>% Increase (Decrease)</u>
2018	17,059	853	17,912	4.78%
2017	15,898	1,197	17,095	6.58%
2016	14,822	1,217	16,039	-11.44%
2015	16,951	1,159	18,110	-4.74%
2014	17,709	1,302	19,011	6.36%