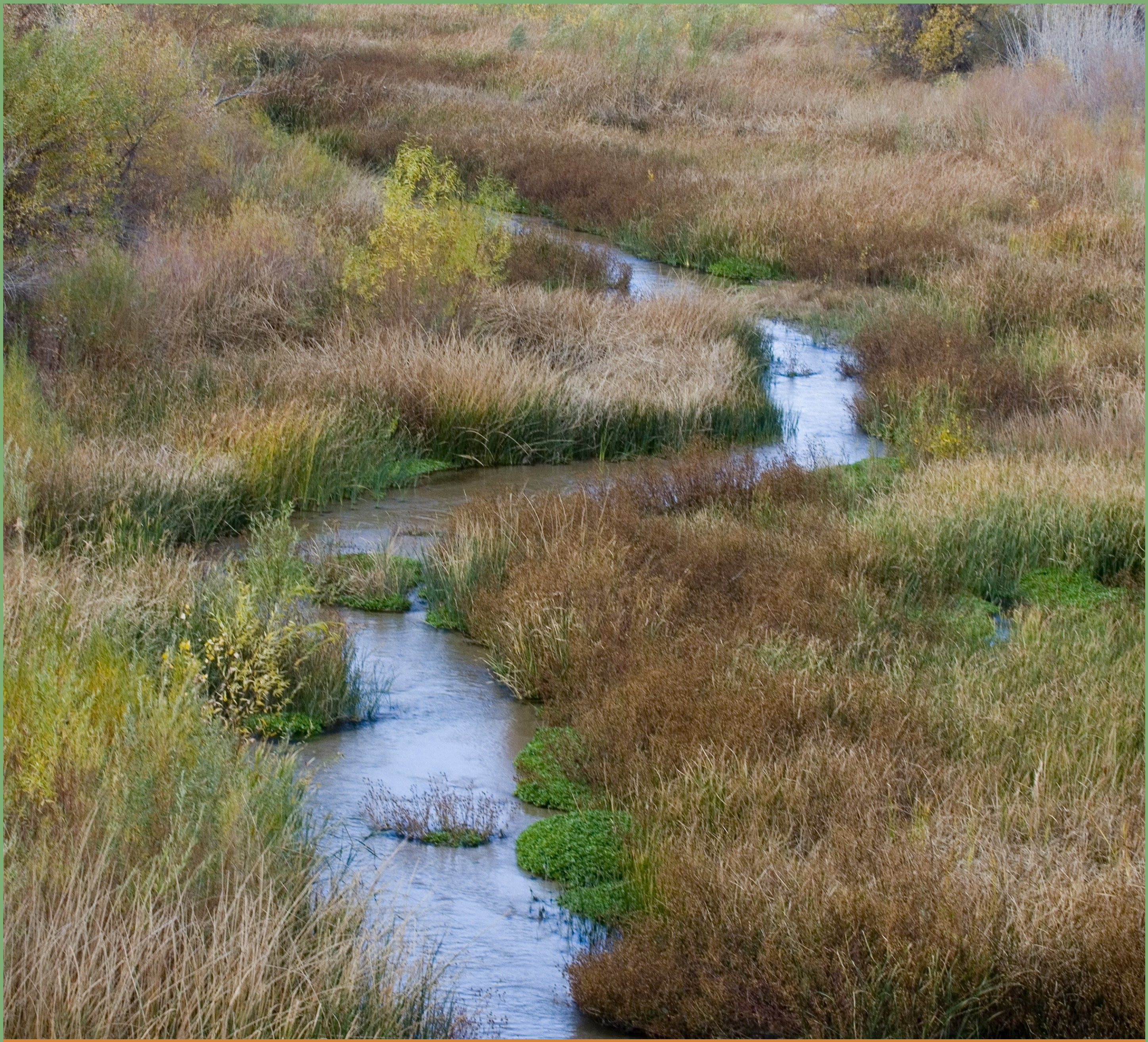

Comprehensive Annual Financial Report

For the Fiscal Years Ended June 30, 2019 and 2018

Mojave Water Agency

Apple Valley, Ca

Together, we're securing water for today and tomorrow…

Mojave Water Agency

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The Mojave Water Agency Board of Directors

Seated in front row from left are: Jeanette Hayhurst, Division 6 Director, Secretary; Carl Coleman, Division 5 Director, President; and Kimberly Cox Division 1 Director. Standing in back row from left are: Richard Hall, Division 3 Director; Mike Page, Division 4 Director; Jim Ventura, Division 2 Director, Treasurer; and Thurston "Smitty" Smith, Division 7 Director.

Mojave Water Agency
Tom McCarthy, General Manager
13846 Conference Center Drive
Apple Valley, California 92307
760.946.7000

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Mojave Water Agency

Comprehensive Annual Financial Report

For the Fiscal Years Ended June 30, 2019 and 2018

Mojave Water Agency
13846 Conference Center Drive
Apple Valley, California 92307

Prepared by:
Kathy Cortner, Chief Financial Officer
Karry LaClair, Senior Accountant
Gary Bird, Senior Accountant
Debra Walls, Senior Accounting Technician

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Introductory Section

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13846 Conference Center Drive ♦ Apple Valley, California 92307-4304
Phone (760) 946-7000 ♦ Fax (760) 240-2642 ♦ www.mojavewater.org

October 22, 2019

To the Members of the Board of Directors and the Citizens and Agencies of the Mojave Water Agency:

We are pleased to provide you with the Comprehensive Annual Financial Report (CAFR) for the Mojave Water Agency (MWA) for the fiscal year ended June 30, 2019. The intended purpose of the financial report is to provide the Board of Directors, the customers of the Agency, and other interested parties with reliable information regarding the finances of the Agency. Management assumes full responsibility for the completeness and reliability of all of the information presented in this report. As management, we assert that, to the best of our knowledge and belief, this financial report is complete and reliable in all material respects.

The Agency's financial statements have been audited by Rogers, Anderson, Malody & Scott, LLP, a firm of licensed certified public accountants. The goal of the independent audit was to provide reasonable assurance that the financial statements of the Agency for the fiscal year ended June 30, 2019, are free of material misstatement. The independent audit involved examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; assessing the accounting principles used and significant estimates made by management; and evaluating the overall financial statement presentation. The independent auditor concluded, based upon the audit, that there was a reasonable basis for rendering an unmodified ("clean") opinion that the Agency's financial statements for the fiscal year ended June 30, 2019 are fairly presented in conformity with Generally Accepted Accounting Principles (GAAP). The independent auditor's report is presented as the first component of the financial section of this report.

GASB requires that management provide a narrative introduction, overview, and analysis to accompany the basic financial statements in the form of Management's Discussion and Analysis (MD&A). The Agency's MD&A can be found immediately following the report of the independent auditors in the financial section of this report.

In addition to the required components of the Financial Report, the Agency has elected to prepare this Comprehensive Annual Financial Report which includes supplementary information in this Letter of Transmittal and the Statistical Section. The Letter of Transmittal is intended to discuss the Agency's future direction and accomplishments. It is designed to complement the MD&A and should be read in conjunction with it. The Statistical Section includes various financial trends and demographic information.

AGENCY OVERVIEW

The Mojave Water Agency is a public agency that is one of twenty-nine State Water Project contracting agencies. The Agency is governed by a seven-member board of directors (the "Board of Directors"), the members of which are elected to four-year terms from geographical divisions by the registered voters residing in each division of the Agency. Day-to-day management of the MWA is delegated to the General Manager who reports directly to the Board of Directors.

Mojave Water Agency is a groundwater management and wholesale water agency that was formed by popular vote in 1960, when residents, concerned about the overdraft of the region's aquifers, agreed to become part of the State Water Project (SWP) and secure a source of supplemental water for the region. Section 1.5 of the Mojave Water Agency Law states that:

> "…*the purpose of the agency shall be to do any and every act necessary to be done so that sufficient water may be available for any present or future beneficial use of the land and inhabitants of the agency*…"

The Agency's adopted mission, which is very similar, reads:

> "*to manage the region's water resources for the common benefit to assure stability in the sustained use by the citizens we serve*."

However, in recent years California's water suppliers, including MWA, are facing significant challenges in meeting demands. Several factors are influencing the difficulty in meeting water demands:

- A federal court ruling cut water supplies from the state's two largest water delivery systems by up to one third to protect the endangered Delta Smelt fish —potentially the largest court-ordered water supply reduction in California history.
- California's population continues to increase, thereby placing additional demands on the state's water supplies and infrastructure.
- Climate change is dramatically reducing our mountain snow pack—a critical source of natural water storage.
- The Sacramento-San Joaquin River Delta, the single most important link in California's water supply system, faces an ecological crisis that threatens people as well as the environment.

In addition to these challenges, and perhaps in response to some of these emerging pressures, laws and regulations have been evolving that have changed the paradigm relating to land use and water supply. This paradigm shift has put greater pressure on water agencies to better plan, prepare and demonstrate the availability of water for the citizens served not only now but into the future. This has created a greater reliance on water agency planning documents that land use regulators such as cities and counties are now required to use in their decision-making processes. Water supply documentation used in this manner can now have a significant impact on future projects, jobs, and overall economic stability in some regions. Examples of recent legislation and regulations effecting economic decisions are:

- The passage of SB610 and SB221 put a greater burden on water agencies and land use authorities to demonstrate the availability of water prior to major construction projects taking place.
- State regulations requiring Urban Water Management Plans aimed at demonstrating future demand and supplies available.
- Integrated Regional Water Management Planning required for Proposition 84 grant funding, as well as providing the framework of projects necessary to meet future demands.
- 2009 SB X7 legislation creating co-equal goals in managing the Delta, the major transportation hub of water in California.
- 2014 groundwater legislation putting greater emphasis on land use planning and local groundwater pumping/water availability.

Mojave Water Agency is Court Appointed Watermaster

Triggered by the rapid growth within the Mojave Water Agency service area, particularly in the Victor Valley area, the City of Barstow and the Southern California Water Company filed a complaint in 1990 against upstream water users claiming that the increased withdrawals and lowering of groundwater levels reduced the amount of natural water available to downstream users. Through an adjudication process, the resulting judgment appointed the Mojave Water Agency as the court appointed Watermaster for the Mojave Basin.

For purposes of defining and implementing a physical solution, the Mojave Basin Area consists of five distinct but hydrologically interrelated "Subareas". Each Subarea was found to be in overdraft to some extent due to the use of water by all of the producers in that Subarea. In addition, some Subareas were found to historically have received at least a part of their natural water supply as water flowing to them from upstream Subareas, either on the surface or as subsurface flow. To maintain that historical relationship, the average annual obligation of any Subarea to another is set equal to the estimated average annual natural flow (excluding storm flow) between the Subareas over the 60 year period 1930-31 through 1989-90. If the Subarea obligation is not met, producers of water in the upstream Subarea must provide Makeup Water to the downstream Subarea.

To maintain proper water balances within each Subarea, the Judgment establishes a decreasing Free Production Allowance ("FPA") in each Subarea during the first five years, and provides for the Court to review and adjust, as appropriate, the FPA for each Subarea annually thereafter. The FPA is allocated among the Producers in the Subarea based on each Producer's percentage share of the FPA. All water produced in excess of any Producer's share of the FPA must be replaced by the Producer, either by payment to the Watermaster of funds sufficient to purchase Replacement Water, or by transfer of unused FPA from another Producer. The MWA imports water from the State Water Project system to replace the replacement obligation amounts within each sub-area.

Land and Land Use

The Agency's boundaries include approximately 4,900 square miles of land and includes small and medium-size communities and large areas of undeveloped land characteristic of California's high desert, including tracts owned by the Federal government which are not subject to taxation. The Agency is located in the south-central Mojave Desert in southern California and includes within its boundaries much of eastern San Bernardino County, including the incorporated communities of Barstow in the center, Adelanto, Apple Valley, Hesperia, and Victorville in the southwest, and Yucca Valley in the southeast. Unincorporated communities include Phelan, Baldy Mesa, Mountain View Acres, El Mirage, Oro Grande, Helendale, Lenwood, Hinkley, Harper Lake, Daggett, Yermo, Lucerne Valley, Johnson Valley, Red Mountain, Landers, Joshua Tree, and Newberry Springs.

Budget

Each year the MWA adopts its budget prior to the beginning of the fiscal year. The budget serves as a management tool intended to aid in the planning efforts of the Agency and to serve as a control in expenditures to ensure the fiscal health and financial future of the agency. To aid in the management of the budget, certain "rules" or "controls" have been established that require appropriate levels of approval on the expenditure of Agency funds as well as reporting requirements of financial information to the Board and the public.

Once the budget is approved, financial statements are issued to report the results of operations which include the budget amounts to measure the performance, efficiency, and planning. This report is provided to both the Personnel, Finance & Security Committee of the Board on a monthly basis as well as to the full Board on a quarterly basis and provides a check and balance of the expenditure of public funds.

LOCAL ECONOMY

The region's economic climate continues to improve providing necessary funding for the initiatives outlined in this year's budget. Property tax remains the Agency's primary source of income, and assessed value growth continues to rebound steadily from the 2007 - 2008 Great Recession and financial crisis lows. Beacon Economics 2019 - 2020 fiscal year forecast of 5.43% assessed value growth continues to support evidence of the region's recovery, with moderate growth averaging in the range of 4% to 5% throughout the remainder of their 10-year forecast. Economic indicators supporting this outlook include continued growth in the labor market and improved employment statistics, increased consumer spending, and new residential and commercial construction activity. HdL Coren & Cone also anticipates improved development in the local real estate economy for the coming year, including the restoration of additional properties currently subject to the Prop. 8 temporary decline-in-market valuation process brought on by the financial crisis.

LOCAL ECONOMY, continued

The Agency continues to diligently assess a multitude of important issues and opportunities in order to optimize its long-term strategic position in the face of these evolving challenges. Concerning projections of substantial DWR cost increases in upcoming years require careful analysis, including weighing potential mitigation measures and options available to the Agency that will be required to cover these additional costs. Past as well as new and emerging water markets will help to offset reduced water sales as well as increased DWR costs.

LONG-TERM FINANCIAL PLANNING

California is 100% drought free according to a map released by the U.S. Drought Monitor on March 14, 2019. This is all due to an exceptionally wet winter this year that has produced significant snowpack in the Sierra Nevada, in addition to an abundance of rain that has filled reservoirs to near capacity. Most of the state's major reservoirs are at or above their historical averages, prompting the Department of Water Resources (DWR) to announce a preliminary 70% State Water Project allocation on March 20, 2019, a stark contrast from last year's final allocation of 35%. The state's extreme hydrology has highlighted a new norm of how quickly we can move between wet and dry-year cycles. The Board of Directors and staff recognizes this new paradigm, and continues to position the Agency ready to seize opportunities deemed most beneficial to the residents of the Mojave region.

Paramount to the Agency is the reliable access and delivery of water to and within the Mojave Basin, which serves as the foundation for the Agency's commitment to "Protecting What You Have, While Keeping an Eye on the Future" that molds the strategic and resource planning presented in this year's budget. Aging infrastructure has become a hot topic across the country as most public agencies grapple with the costs and the limited financial resources available for their optimal operation and maintenance. In addition, emergency events such as the Oroville Spillway failure have cast new scrutiny on routine maintenance versus the need for more frequent and thorough investigative condition assessments that may reveal the need for major facility repairs and upgrades. Furthermore, the Delta Conveyance Project continues to morph creating added uncertainty due to a variety of reasons, including new leadership direction in Sacramento and ongoing environmental and legal challenges mounting against the ambitious but much needed California water conveyance project.

The 2019-20 fiscal year budget presents a roadmap for the Agency as it diligently works to manage the region's water resources for the common benefit and to assure stability in the sustained use within its own boundaries. The Agency continues to face many of the same challenges that were present last year, namely financial uncertainty resulting from unsustainable projected DWR cost trends, a revised California WaterFix project scope, and the limitation of DWR's ability to issue debt financing past 2035 due to ongoing water contract amendments. Staff continues to proactively work cooperatively with the State Water Contractors to engage DWR for solutions to these and other problems that will hopefully ensure reliable access to affordable water into the future.

Safeguarding the reliability of water service is two-fold for the Agency, whether focusing on ensuring that DWR continues to responsibly maintain and operate the State Water Project for deliveries to the Agency, or focusing on the Agency's responsibility for the maintenance and operation of our own distribution facilities that it uses for customer deliveries within the Agency's boundaries. Also of great concern is balancing of our area's groundwater basins and the possible ramp down in pumping allowances that may affect all area residents and businesses until the basins return to balance. Conservation efforts have helped in the past, but several possible solutions under consideration may be to introduce more imported water into our area, whether by purchasing additional water from the State Water Project to augment the groundwater aquifers, or by exploring potential water banking opportunities.

RELEVANT FINANCIAL POLICIES

The Agency maintains a policy on debt management and on the minimum cash reserve balance that should be maintained. During the budget process, a five-year Cash Flow Risk Model is prepared to ensure the affordability of the major initiatives that will be started during the upcoming year and will have financial impacts or implications over the next five years.

The Agency's Financial Model allows the Agency to be proactive in identifying potential future financial risks and take corrective action in advance. Complimenting this model is a list of potential risk mitigation measures the Agency has available that allows the Agency to maintain a stable and sustainable financial position now and into the future. Examples of risk mitigation measures that have been implemented in this budget include a water exchange program that allows the Agency to procure as much water as possible at a much lower price, in addition to reducing departmental initiatives and expenditures, to name just a few.

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

MAJOR INITIATIVES

The Agency is proactively monitoring and assessing a multitude of important issues and opportunities in order to optimize its long-term strategic position in the face of these evolving challenges. Concerning projections of substantial DWR cost increases in upcoming years require thoughtful analysis, including weighing potential mitigation measures and options available to the Agency that will be required to cover these additional costs. Furthermore, the Agency continues to prioritize limited capital project investment along with careful scrutiny of strategic feasibility studies initiated to avoid lost opportunities for the Agency, all while actively pursuing and securing sources of available future funding.

Fortunately, over the years the Agency continues to implement sound financial policies, effective cost control measures, increase staff development opportunities, and further refinement of its robust strategic financial modeling tools to assist staff in proactively identifying viable solutions utilizing a science-based decision platform. Additionally, the Board's commitment to prudent financial management has contributed to the accumulation of a healthy reserve balance, thus allowing the Agency ample time to thoroughly position and prepare for an uncertain course of action into the future. Moreover, the Agency's willingness to engage in important issues with Department of Water Resources and the Delta Stewardship Council has begun to bear fruit, as MWA continues to pursue potential opportunities to leverage State Water Project assets for future benefit to the residents of the Mojave Basin long into the future.

The Agency initiated an asset management program this past year with the goal of identifying and assessing the condition of the Agency's current facilities. Most of the Agency's pipelines and related appurtenances are reaching 25 years in age, and there is a growing necessity to track scheduled and unscheduled maintenance that could have major impacts to expected operational levels of service and subsequently to future Agency's budgets. Further development and refinement of this program is planned that will tie into the initiation of a capital improvement facilities master plan, a two-year project slated to start in FY 2019/20 to identify future areas of demand and the necessary facilities needed to meet the region's growth projections.

Over the years the Agency has actively pursued and invested in technology and staff development. This effort has been maintained to synthesize the vast amount of data gathered to support a science-based decision making platform in the most efficient way possible to address the risks and challenges facing the Agency. Currently, modernization of the data collection process is underway to improve data efficiency and integrity and thereby reduce staff data-entry time and potential errors. Additionally, the recent development of a new groundwater model will aid in identifying suitable opportunities for new recharge areas, monitoring wells, as well as big picture management approaches. Finally, financial analysis exploring proposed scenarios addressing many of the Agency's challenges will benefit from further development and refinement of the financial model in the upcoming year.

ACKNOWLEDGEMENTS

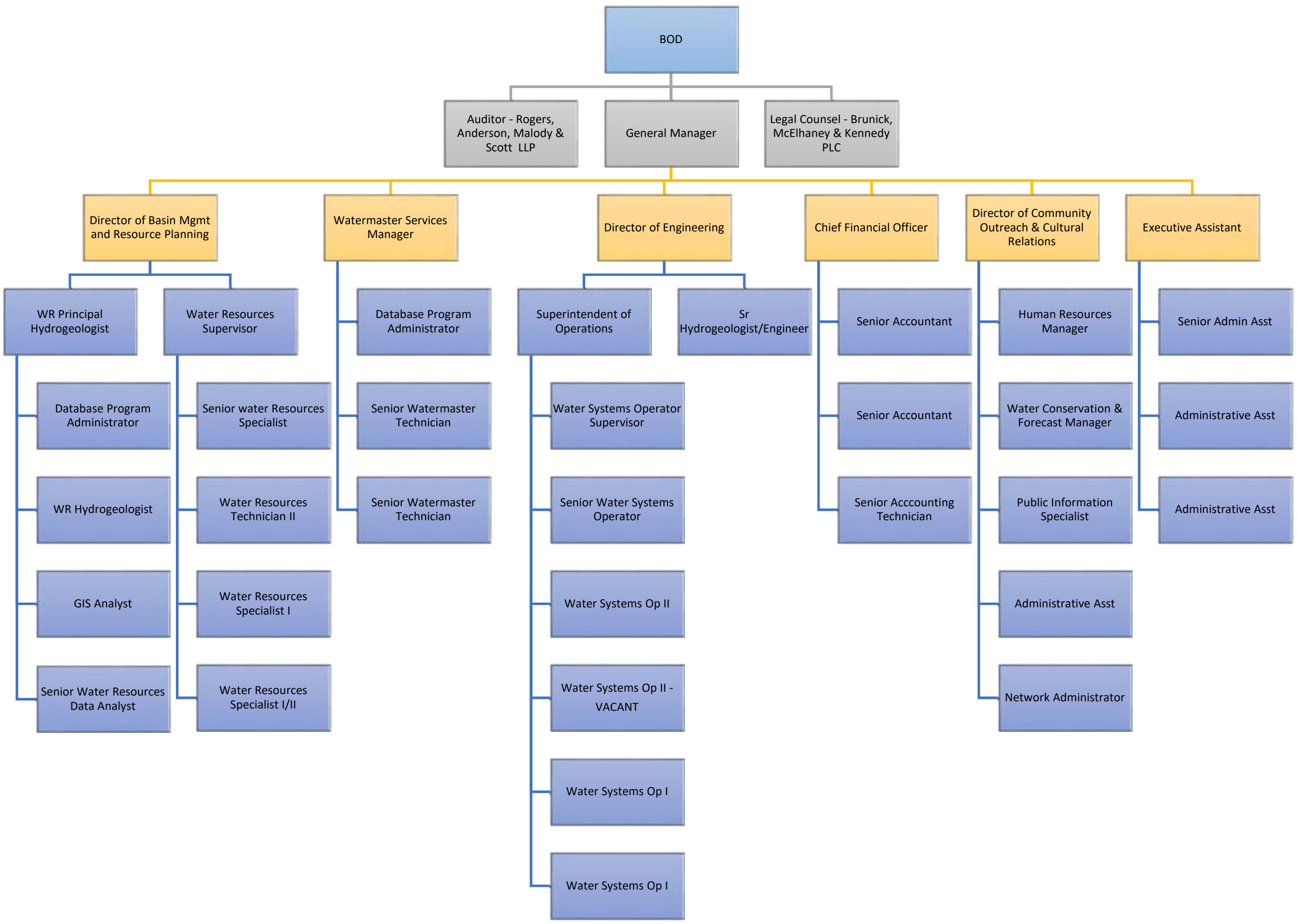
The preparation of this report would not have been possible without the efficient and dedicated service of the entire staff of the finance department. We wish to express our appreciation to all members of the department who assisted and contributed to the preparation of this report. Credit also must be given to the Board of Directors for their continued support for maintaining the highest standards of professionalism in the management of the Mojave Water Agency's finances.

Respectfully submitted,

Tom McCarthy
General Manager

Kathy Cortner
Chief Financial Officer

MOJAVE WATER AGENCY
ORGANIZATIONAL CHART



Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

Mojave Water Agency

California

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

June 30, 2018

Christopher P. Morrill

Executive Director/CEO

Financial Section

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ROGERS, ANDERSON, MALODY & SCOTT, LLP
CERTIFIED PUBLIC ACCOUNTANTS, SINCE 1948

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Independent Auditor's Report

To the Board of Directors
Mojave Water Agency
Apple Valley, California

Report on the Financial Statements

We have audited the accompanying financial statements of the Mojave Water Agency (the Agency) as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the Agency's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

Our responsibility is to express an opinion 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 and the State Controller's *Minimum Audit Requirements for California Special Districts*. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Agency'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 Agency's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Agency as of June 30, 2019, and the changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America, as well as the accounting systems prescribed by the State Controller's Office and State Regulations governing Special Districts.

Other Matters

Required Supplementary Information

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

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Agency's basic financial statements. The introductory section and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements. The introductory section and statistical section have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

Prior Year Comparative Information

We have previously audited the Agency's 2018 financial statements, and we expressed an unmodified opinion in our report dated October 23, 2018. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2018, is consistent, in all material respects, with the audited financial statements from which it has been derived. Such information does not include all of the information required to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the Agency's financial statements for the year ended June 30, 2018, from which such partial information was derived.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 22, 2019 on our consideration of the Agency's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Agency's internal control over financial reporting and compliance.

Rogers, Anderson, Malody e Scott, LLP.

San Bernardino, California
October 22, 2019

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The following Management's Discussion and Analysis (MD&A) of activities and financial performance of the Mojave Water Agency (Agency) provides an introduction to the financial statements of the Agency for the fiscal years ended June 30, 2019 and 2018. The two-year presentation is provided for comparative purposes. We encourage readers to consider the information presented here in conjunction with the transmittal letter in the Introductory Section and with the basic financial statements and related notes, which follow this section.

Financial Highlights

- In fiscal year 2019, the Agency's net position increased 2.3% or $9,183,453 to $413,800,124 as a result of an increase from ongoing operations. In fiscal year 2018, the Agency's net position increased 1.4% or $5,650,917 to $404,616,671 as a result of an increase from ongoing operations, and including a decrease of $1,791,168 resulting from a prior year restatement from the implementation of GASB Statement No. 75 related to OPEB.
- In fiscal year 2019, the Agency's total revenues increased 5.6% or $2,629,116 due primarily to an increase of $2,450,339 in property taxes and an increase of $1,415,676 in investment earnings. This is offset by a reduction in water sales due to a temporary water transfer to another State Water Contractor agency that took place in fiscal year 2018 of $1,802,560 and none in fiscal year 2019. In fiscal year 2018, the Agency's total revenues decreased 2.6% or $1,268,151 due primarily to a decrease in temporary water transfer to another State Water Contractor agency.
- In fiscal year 2019, the Agency's total expenses decreased 0.5% or $199,446 due primarily to an increase of $259,595 in State Water Project importation charges, an increase of $384,784 in operating costs as well as increase of $247,475 in non-operating expenses caused by additional trust fund distribution. Offsetting these increases was a decrease of $1,087,194 in State capital grant expense – pass through. In fiscal year 2018, the Agency's total expenses decreased 7.8% or $3,592,965 due primarily to a reduction in normal operating costs as well as a reduction in water purchases.

Required Financial Statements

This annual report consists of a series of financial statements. The Statement of Net Position, Statement of Revenues, Expenses and Changes in Net Position, and Statement of Cash Flows provide information about the activities and performance of the Agency using accounting methods similar to those used by private sector companies.

The Statement of Net Position includes all of the Agency's investments in resources (assets), deferred outflows of resources, the obligations to creditors (liabilities), and deferred inflows of resources. It also provides the basis for computing a rate of return, evaluating the capital structure of the Agency and assessing the liquidity and financial flexibility of the Agency. All of the current year's revenue and expenses are accounted for in the Statement of Revenues, Expenses and Changes in Net Position. This statement measures the success of the Agency's operations over the past year and can be used to determine if the Agency has successfully recovered all of its costs through its rates and other charges. This statement can also be used to evaluate profitability and credit worthiness. The final required financial statement is the Statement of Cash Flows, which provides information about the Agency's cash receipts and cash payments during the reporting period. The Statement of Cash Flows reports cash receipts, cash payments and net changes in cash resulting from operations, investing, non-capital financing, and capital and related financing activities and provides answers to such questions as where did cash come from, what was cash used for, and what was the change in cash balance during the reporting period.

Financial Analysis of the Agency

One of the most important questions asked about the Agency's finances is, "Is the Agency better off or worse off as a result of this year's activities?" The Statement of Net Position and the Statement of Revenues, Expenses and Changes in Net Position report information about the Agency in a way that helps answer this question.

These statements include all assets, deferred outflows of resources, liabilities, and deferred inflows of resources using the accrual basis of accounting, which is similar to the accounting method used by most private sector companies. All current year revenues and expenses are taken into account regardless of when the cash is received or paid.

These two statements report the Agency's net position and changes in them. One can think of the Agency's net position – the difference between assets, deferred outflows of resources, liabilities, and deferred inflows of resources – as one way to measure the Agency's financial health, or financial position. Over time, increases or decreases in the Agency's net position are one indicator of whether its financial health is improving or deteriorating. However, one will need to consider other non-financial factors such as changes in economic conditions, population growth, zoning and new or changed government legislation, such as changes in Federal and State water quality standards.

Notes to the Basic Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements.

Statements of Net Position

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. In the case of the Agency, assets of the Agency exceeded liabilities by $413,800,124 and $404,616,671 as of June 30, 2019 and 2018, respectively.

Condensed Statements of Net Position

	2019	2018	Change	2017	Change
Assets					
Current assets	$ 71,156,697	$ 77,633,904	$ (6,477,207)	$ 68,822,592	$ 8,811,312
Non-current assets	62,879,532	47,353,109	15,526,423	46,975,089	378,020
Capital assets	341,399,814	345,546,016	(4,146,202)	352,524,848	(6,978,832)
Total assets	475,436,043	470,533,029	4,903,014	468,322,529	2,210,500
Deferred outflows of resources	6,208,650	7,241,856	(1,033,206)	4,996,119	2,245,737
Liabilities					
Current liabilities	12,884,618	12,497,728	386,890	13,236,542	(738,814)
Non-current liabilities	54,172,227	60,343,180	(6,170,953)	60,872,219	(529,039)
Total liabilities	67,056,845	72,840,908	(5,784,063)	74,108,761	(1,267,853)
Deferred inflows of resources	787,724	317,306	470,418	244,133	73,173
Net position					
Net investment in capital assets	302,917,311	304,647,715	(1,730,404)	309,368,089	(4,720,374)
Restricted	56,285,875	50,480,123	5,805,752	45,943,442	4,536,681
Unrestricted	54,596,938	49,488,833	5,108,105	43,654,223	5,834,610
Total net position	$ 413,800,124	$ 404,616,671	$ 9,183,453	$ 398,965,754	$ 5,650,917

Statements of Net Position, continued

By far, the largest portion of the Agency's net position (73% as of June 30, 2019, and 75% as of June 30, 2018) reflects the Agency's investment in capital assets (net of accumulated depreciation) less any related debt used to acquire those assets that is still outstanding. The Agency uses these capital assets to provide services to customers within the Agency's service area; consequently, these assets are not available for future spending. In addition, there was a shift from current assets to noncurrent assets as a result of increasing the Agency's investment portfolio by moving cash out of LAIF and into the investment trust managed by Insight Investments.

At the end of fiscal years 2019 and 2018, the Agency showed a positive balance in its unrestricted net position of $54,596,938 and $49,488,833, respectively, which may be utilized in future years. See the notes to the financial statements further information.

Statements of Revenues, Expenses and Changes in Net Position

Condensed Statements of Revenues, Expenses and Changes in Net Position

	2019	2018	Change	2017	Change
Operating revenues	$ 6,352,945	$ 6,933,293	$ (580,348)	$ 11,033,880	$ (4,100,587)
Non-operating revenues	42,865,029	39,655,565	3,209,464	36,823,129	2,832,436
Total revenues	49,217,974	46,588,858	2,629,116	47,857,009	(1,268,151)
Operating expenses	22,044,198	21,399,819	644,379	24,280,361	(2,880,542)
Depreciation and amortization	15,362,412	15,121,434	240,978	14,765,622	355,812
Non-operating expenses	4,663,039	5,747,842	(1,084,803)	6,816,077	(1,068,235)
Total expenses	42,069,649	42,269,095	(199,446)	45,862,060	(3,592,965)
Net income before capital contributions	7,148,325	4,319,763	2,828,562	1,994,949	2,324,814
Capital contributions	2,035,128	3,122,322	(1,087,194)	3,533,842	(411,520)
Change in net position	9,183,453	7,442,085	1,741,368	5,528,791	1,913,294
Net position, beginning of year	404,616,671	397,174,586	7,442,085	393,436,963	3,737,623
Net position, end of year	$ 413,800,124	$ 404,616,671	$ 9,183,453	$ 398,965,754	$ 5,650,917

The statements of revenues, expenses and changes of net position show how the Agency's net position changed during the fiscal years. In fiscal year 2019, the Agency's net position increased 2.3% or $9,183,453 to $413,800,124 as a result of an increase from ongoing operations. In fiscal year 2018, the Agency's net position increased 1.9% or $7,442,085 to $404,616,671 as a result of an increase from ongoing operations, and including a decrease of $1,791,168 resulting from a prior year restatement of $1,791,168 from the implementation of GASB Statement No. 75 related to OPEB.

In fiscal year 2019, the Agency's total revenues increased 5.6% or $2,629,116 due primarily to an increase of $2,450,339 in property taxes and an increase of $1,415,676 in investment earnings. This is offset by a reduction in water sales due to a temporary water transfer to another State Water Contractor agency that took place in fiscal year 2018 of $1,802,560 and none in fiscal year 2019. In fiscal year 2018, the Agency's total revenues decreased 2.6% or $1,268,151 due primarily to a decrease in temporary water transfer to another State Water Contractor agency.

In fiscal year 2019, the Agency's total expenses decreased 0.5% or $199,446 due primarily to an increase of $259,595 in State Water Project importation charges, an increase of $384,784 in operating costs as well as increase of $247,474 in non-operating expenses caused by additional trust fund distribution. Offsetting these increases was a decrease of $1,087,194 in State capital grant expense – pass through. In fiscal year 2018, the Agency's total expenses decreased 7.8% or $3,592,965 due primarily to a reduction in normal operating costs as well as a reduction in water purchases.

Statements of Revenues, Expenses and Changes in Net Position, continued

Operating and Non-Operating Revenues

	2019	2018	Change	2017	Change
Operating revenues:					
Water sales and services	$ 4,960,927	$ 4,502,405	$ 458,522	$ 8,049,485	$ (3,547,080)
State Water Project Table A water sales	-	1,802,560	(1,802,560)	2,428,000	(625,440)
Watermaster assessments	1,392,018	628,328	763,690	556,395	71,933
Total operating revenues	6,352,945	6,933,293	(580,348)	11,033,880	(4,100,587)
Non-operating revenues:					
Property taxes - ad valorem	6,466,722	5,539,282	927,440	4,352,111	1,187,171
Property assessment for State Water Project	31,793,706	30,459,032	1,334,674	29,882,877	576,155
Property assessment for IDM	704,312	542,124	162,188	477,269	64,855
Redevelopment agency component of property taxes	489,765	463,728	26,037	388,837	74,891
Debt service support	814,375	813,313	1,062	814,438	(1,125)
Investment earnings	2,178,573	762,897	1,415,676	266,529	496,368
Gain (loss) on disposal of capital assets	9,202	(78,787)	87,989	6,150	(84,937)
State grant revenue	403,894	1,145,841	(741,947)	574,329	571,512
Other nonoperating revenues	4,480	8,135	(3,655)	60,589	(52,454)
Total nonoperating revenues	42,865,029	39,655,565	3,209,464	36,823,129	2,832,436
Total revenues	$ 49,217,974	$ 46,588,858	$ 2,629,116	$ 47,857,009	$ (1,268,151)

Operating and Non-Operating Expenses

	2019	2018	Change	2017	Change
Operating expenses:					
State Water Project importation charges	$ 11,245,303	$ 10,985,708	$ 259,595	$ 12,749,527	$ (1,763,819)
Operating costs	10,798,895	10,414,111	384,784	11,530,834	(1,116,723)
Depreciation	15,362,412	15,121,434	240,978	14,765,622	355,812
Total operating expenses	37,406,610	36,521,253	885,357	39,045,983	(2,524,730)
Non-operating expenses:					
Interest expense	2,794,129	2,743,107	51,022	3,214,537	(471,430)
Bond debt issuance expense	-	284,311	(284,311)	211,256	73,055
Amortization of bonds premium	(616,123)	(601,414)	(14,709)	(326,540)	(274,874)
Property tax and assessment collection charges	99,179	96,264	2,915	91,499	4,765
State grant expense - pass-through	2,035,128	3,122,322	(1,087,194)	3,533,842	(411,520)
Other nonoperating expenses	350,726	103,252	247,474	91,483	11,769
Total nonoperating expenses	4,663,039	5,747,842	(1,084,803)	6,816,077	(1,068,235)
Total expenses	$ 42,069,649	$ 42,269,095	$ (199,446)	$ 45,862,060	$ (3,592,965)

Capital Asset Administration

Changes in capital asset amounts for 2019 were as follows:

	Balance 2018	Additions	Transfers/ Deletions	Balance 2019
Capital assets:				
Non-depreciable assets	$ 10,041,992	$ 4,275,704	$ (145,342)	$ 14,172,354
Depreciable assets	511,162,630	7,085,848	(102,078)	518,146,400
Accumulated depreciation and amortization	(175,658,606)	(15,362,412)	102,078	(190,918,940)
Total capital assets, net	$ 345,546,016	$ (4,000,860)	$ (145,342)	$ 341,399,814

Changes in capital asset amounts for 2018 were as follows:

	Balance 2017	Additions	Transfers/ Deletions	Balance 2018
Capital assets:				
Non-depreciable assets	$ 9,428,580	$ 1,334,421	$ (721,009)	$ 10,041,992
Depreciable assets	503,668,653	7,607,977	(114,000)	511,162,630
Accumulated depreciation and amortization	(160,572,385)	(15,121,434)	35,213	(175,658,606)
Total capital assets, net	$ 352,524,848	$ (6,179,036)	$ (799,796)	$ 345,546,016

At the end of fiscal years 2019 and 2018, the Agency's investment in capital assets amounted to $341,399,814 and $345,546,016 (net of accumulated depreciation), respectively. This investment in capital assets includes land, state water project entitlement, transmission system, buildings, structures, equipment, vehicles and construction-in-process, etc. Major capital assets additions during the year include additions to the State Water Project entitlement. Additional information on the Agency's capital assets can be found in the Note 4 on pages 39-42.

Debt Administration

Changes in long-term debt amounts for 2019 were as follows:

	Balance 2018	Additions	Transfers/ Deletions	Balance 2019
Long-term debt:				
Bonds payable	$ 57,280,003	$ -	$ (5,426,123)	$ 51,853,880

Changes in long-term debt amounts for 2018 were as follows:

	Balance 2017	Additions	Transfers/ Deletions	Balance 2018
Long-term debt:				
Bonds payable	$ 60,062,318	$ 36,756,837	$ (39,539,152)	$ 57,280,003

Additional information on the Agency's long-term debt can be found in the Note 7 on pages 44-48.

Conditions Affecting Current Financial Position

There are currently contract negotiations taking place for the payment of costs related to the Delta Conveyance Project in the State Water Project system. The costs of the project are unknown at this time. It is also unknown if the Mojave Water Agency Board will elect to participate in the costs and benefits of this project. Should the Board choose to participate, additional revenues will need to be developed to help offset the costs.

Requests for Information

This financial report is designed to provide the Agency's funding sources, customers, stakeholders and other interested parties with an overview of the Agency'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 Agency's Chief Financial Officer at 13846 Conference Center Drive, Apple Valley, California 92307.

Basic Financial Statements

	2019			2018
	Mojave Water Agency	Watermaster	Total	Total
ASSETS				
Current assets:				
Cash and cash equivalents (Note 2)	$ 22,360,661	$ -	$ 22,360,661	$ 36,308,955
Restricted - cash and cash equivalents (Note 2)	27,857,120	1,319,372	29,176,492	23,884,679
Investments (Note 2)	11,911,948	-	11,911,948	8,817,140
Accrued interest receivable	347,562	7,865	355,427	242,579
Accounts receivable - water sales and assessments	4,105,023	872,312	4,977,335	5,029,433
Accounts receivable - governmental agencies	880,348	-	880,348	2,349,517
Accounts receivable - other	413,303	2,397	415,700	195,196
Property taxes and assessments receivable	1,029,823	-	1,029,823	740,975
Prepaid expenses and deposits	48,963	-	48,963	65,430
Total current assets	68,954,751	2,201,946	71,156,697	77,633,904
Noncurrent assets:				
Investments (Note 2)	29,166,132	-	29,166,132	11,662,245
Property assessments receivable	4,685,000	-	4,685,000	7,395,000
Water-in-storage - inventory (Note 3)	29,028,400	-	29,028,400	28,295,864
Capital assets, not being depreciated (Note 4)	14,172,354	-	14,172,354	10,041,992
Depreciable capital assets, net (Note 4)	327,227,460	-	327,227,460	335,504,024
Total noncurrent assets	404,279,346	-	404,279,346	392,899,125
Total assets	473,234,097	2,201,946	475,436,043	470,533,029
DEFERRED OUTFLOWS OF RESOURCES				
Deferred loss on debt defeasance, net	4,137,541	-	4,137,541	4,824,908
Deferred pension outflows	1,847,954	-	1,847,954	2,198,958
Deferred OPEB outflows	223,155	-	223,155	217,990
Total deferred outflows of resources	6,208,650	-	6,208,650	7,241,856

Continued on next page

	2019			2018
	Mojave Water Agency	Watermaster	Total	Total
LIABILITIES				
Current liabilities:				
Accounts payable and other accrued expenses	$ 2,058,224	$ 1,158,797	$ 3,217,021	$ 2,983,862
Accrued wages and related payables	36,666	-	36,666	78,068
Retentions payable	690,605	-	690,605	31,440
Accrued interest payable - long-term debt	321,654	-	321,654	369,467
Long-term liabilities - due within one year:				
Unearned revenue (Note 6)	3,426,430	-	3,426,430	3,983,452
Compensated absences (Note 5)	202,242	-	202,242	241,439
Bonds payable (Note 7)	4,990,000	-	4,990,000	4,810,000
Total current liabilities	11,725,821	1,158,797	12,884,618	12,497,728
Noncurrent liabilities:				
Long-term liabilities - due in more than one year:				
Compensated absences (Note 5)	238,372	-	238,372	155,665
Bonds payable (Note 7)	46,863,880	-	46,863,880	52,470,003
Net pension liability (Note 8)	6,025,270	-	6,025,270	6,152,419
Net OPEB liability (Note 9)	1,044,705	-	1,044,705	1,565,093
Total noncurrent liabilities	54,172,227	-	54,172,227	60,343,180
Total liabilities	65,898,048	1,158,797	67,056,845	72,840,908
DEFERRED INFLOWS OF RESOURCES				
Deferred pension inflows	394,944	-	394,944	295,882
Deferred OPEB inflows	392,780	-	392,780	21,424
Total deferred inflows of resources	787,724	-	787,724	317,306
NET POSITION				
Net investment in capital assets (Note 10)	302,917,311	-	302,917,311	304,647,715
Restricted for debt service	4,699,066	-	4,699,066	3,654,785
Restricted for state water project	50,543,660	-	50,543,660	45,451,779
Restricted for watermaster	-	1,043,149	1,043,149	1,373,559
Unrestricted (Note 10)	54,596,938	-	54,596,938	49,488,833
Total net position	$ 412,756,975	$ 1,043,149	$ 413,800,124	$ 404,616,671

Mojave Water Agency
Statements of Revenues, Expenses and Changes in Net Position
For the Fiscal Year Ended June 30, 2019 (with comparative data for 2018)

	2019			2018
	Mojave Water Agency	Watermaster	Total	Total
OPERATING REVENUES				
Water sales and services	$ 4,960,927	$ -	$ 4,960,927	$ 4,502,405
State Water Project Table A water sales	-	-	-	1,802,560
Watermaster assessments	-	1,392,018	1,392,018	628,328
Total operating revenues	4,960,927	1,392,018	6,352,945	6,933,293
OPERATING EXPENSES				
State Water Project importation charges	10,361,208	884,095	11,245,303	10,985,708
Operating costs	10,216,820	582,075	10,798,895	10,414,111
Total operating expenses	20,578,028	1,466,170	22,044,198	21,399,819
Operating income (loss) before depreciation	(15,617,101)	(74,152)	(15,691,253)	(14,466,526)
Depreciation	15,362,412	-	15,362,412	15,121,434
Operating income (loss)	(30,979,513)	(74,152)	(31,053,665)	(29,587,960)
NONOPERATING REVENUES				
Property taxes - ad valorem	6,466,722	-	6,466,722	5,539,282
Property assessment for State Water Project	31,793,706	-	31,793,706	30,459,032
Property assessment for IDM	704,312	-	704,312	542,124
Redevelopment agency component of property taxes	489,765	-	489,765	463,728
Debt service support	814,375	-	814,375	813,313
Investment earnings	2,149,903	28,670	2,178,573	762,897
Gain (loss) on disposal of capital assets	9,202	-	9,202	(78,787)
State grant revenue	403,894	-	403,894	1,145,841
Other nonoperating revenues	2,025	2,455	4,480	8,135
Total nonoperating revenues	42,833,904	31,125	42,865,029	39,655,565
NONOPERATING EXPENSES				
Interest expense	2,794,129	-	2,794,129	2,743,107
Bond debt issuance expense	-	-	-	284,311
Amortization of bonds premium	(616,123)	-	(616,123)	(601,414)
Property tax and assessment collection charges	99,179	-	99,179	96,264
State grant expense - pass-through	2,035,128	-	2,035,128	3,122,322
Other nonoperating expenses	63,343	287,383	350,726	103,252
Total nonoperating expenses	4,375,656	287,383	4,663,039	5,747,842
Total nonoperating revenue, net	38,458,248	(256,258)	38,201,990	33,907,723
Income (loss) before contributions	7,478,735	(330,410)	7,148,325	4,319,763
CAPITAL CONTRIBUTIONS				
State capital grants - pass-through	2,035,128	-	2,035,128	3,122,322
Total capital contributions	2,035,128	-	2,035,128	3,122,322
Change in net position	9,513,863	(330,410)	9,183,453	7,442,085
Net position, beginning of year	403,243,112	1,373,559	404,616,671	397,174,586
Net position, end of year	$ 412,756,975	$ 1,043,149	$ 413,800,124	$ 404,616,671

See accompanying notes to the basic financial statements.

Mojave Water Agency
Statements of Cash Flows
For the Fiscal Year Ended June 30, 2019 (with comparative data for 2018)

	2019			2018
	Mojave Water Agency	Watermaster	Total	Total
Cash flows from operating activities:				
Cash receipts from customers and others	$ 6,503,337	$ 595,374	$ 7,098,711	$ 7,032,791
Cash paid to vendors and suppliers	(16,625,140)	(499,215)	(17,124,355)	(22,282,926)
Cash paid to employees for salaries and wages	(5,140,163)	(320,549)	(5,460,712)	(4,923,183)
Net cash used by operating activities	(15,261,966)	(224,390)	(15,486,356)	(20,173,318)
Cash flows from noncapital financing activities:				
Property tax revenue	6,956,487	-	6,956,487	6,003,010
Net cash provided by non-capital financing activities	6,956,487	-	6,956,487	6,003,010
Cash flows from capital and related financing activities:				
Property tax revenue	31,405,679	-	31,405,679	30,538,347
Acquisition and construction of capital assets	(10,676,529)	-	(10,676,529)	(8,221,389)
State grant contributions	403,894	-	403,894	1,145,841
Debt service support	814,375	-	814,375	813,313
Property assessments received	3,414,312	-	3,414,312	3,157,124
Cost of issuance of debt refunding	-	-	-	(284,311)
Proceeds from issuance of long-term debt	-	-	-	36,756,837
Principal paid on long-term debt	(4,810,000)	-	(4,810,000)	(38,830,000)
Interest paid on long-term debt	(2,154,575)	-	(2,154,575)	(4,628,967)
State pass-through grants received	2,035,128	-	2,035,128	3,122,322
State pass-through grants expended	(2,035,128)	-	(2,035,128)	(3,122,322)
Proceeds from sale of assets	9,202	-	9,202	-
Net cash provided by capital and related financing activities	18,406,358	-	18,406,358	20,446,795
Cash flows from investing activities:				
Sales of investments	8,483,818	-	8,483,818	5,860,445
Purchase of investments	(29,082,513)	-	(29,082,513)	(5,975,000)
Investment earnings	2,040,467	25,258	2,065,725	615,799
Net cash provided (used) by investing activities	(18,558,228)	25,258	(18,532,970)	501,244
Net increase (decrease) in cash and cash equivalents	(8,457,349)	(199,132)	(8,656,481)	6,777,731
Cash and cash equivalents, beginning of year	58,675,130	1,518,504	60,193,634	53,415,903
Cash and cash equivalents, end of year	$ 50,217,781	$ 1,319,372	$ 51,537,153	$ 60,193,634
Reconciliation to the Statement of Net Position:				
Cash and cash equivalents	$ 22,360,661	$ -	$ 22,360,661	$ 36,308,955
Restricted - cash and cash equivalents	27,857,120	1,319,372	29,176,492	23,884,679
Total cash and cash equivalents	$ 50,217,781	$ 1,319,372	$ 51,537,153	$ 60,193,634

See accompanying notes to the basic financial statements.

	2019			2018
	Mojave Water Agency	Watermaster	Total	Total
Reconciliation of operating income (loss) to net cash provided (used) by operating activities				
Operating income (loss)	$ (30,979,513)	$ (74,152)	$ (31,053,665)	$ (29,587,960)
Adjustments to reconcile operating income (loss) to net cash provided by operating activities:				
Depreciation	15,362,412	-	15,362,412	15,121,434
Other nonoperating revenues	2,025	2,455	4,480	8,135
Other nonoperating expenses	(63,343)	(287,383)	(350,726)	(103,252)
Prior period adjustment - new pronouncement	-	-	-	(1,791,168)
(Increase) decrease in assets and deferred outflows of resources:				
Accounts receivable - water sales and assessments	846,345	(796,644)	49,701	(566,043)
Accounts receivable - governmental agencies	1,469,169	-	1,469,169	730,763
Accounts receivable - other	(218,107)	-	(218,107)	(67,083)
Prepaid expenses and deposits	16,467	-	16,467	7,656
Water-in-storage - inventory	(732,536)	-	(732,536)	(5,399,937)
Other post-employment benefits asset	-	-	-	354,117
Deferred pension outflows	351,004	-	351,004	(303,646)
Deferred OPEB outflows	(5,165)	-	(5,165)	(217,990)
Increase (decrease) in liabilities and deferred inflows of resources:				
Accounts payable and other accrued expenses	(1,237,856)	931,334	(306,522)	(787,237)
Accrued wages and related payables	(41,402)	-	(41,402)	(11,977)
Retentions payable	659,165	-	659,165	31,440
Unearned revenue	(557,022)	-	(557,022)	(1,380)
Compensated absences	43,510	-	43,510	(125,879)
Net pension liability	(127,149)	-	(127,149)	898,423
Net OPEB liability	(520,388)	-	(520,388)	1,565,093
Deferred pension inflows	99,062	-	99,062	51,749
Deferred OPEB inflows	371,356	-	371,356	21,424
Total adjustments	15,717,547	(150,238)	15,567,309	9,414,642
Net cash used by operating activities	$ (15,261,966)	$ (224,390)	$ (15,486,356)	$ (20,173,318)
Schedule of non-cash capital and related financing activities:				
Purchase of capital assets on account	$ 539,681	$ -	$ 539,681	$ -

See accompanying notes to the basic financial statements.

Note 1: Reporting Entity and Summary of Significant Accounting Policies

A. Organization and Operations of the Reporting Entity

The Mojave Water Agency (Agency) was organized July 21, 1960, by an act of the legislature of the State of California known as the Mojave Water Agency Act. Within the limits of its power and authority set forth in this act, the purpose of the Agency is to do any and every act necessary so that sufficient water may be available for any present or future beneficial use of lands and inhabitants of the Agency, including, but not limited to, the construction, maintenance, alteration, purchase, and operation of any and all works or improvements within the Agency necessary or proper to carry out any object or purpose of this act; and the gathering of data for, and the development and implementation of, after consultation and coordination with all public and private water entities who are in any way affected, management and master plans to mitigate the cumulative overdraft of groundwater basins, to monitor the condition of the groundwater basins, to pursue all necessary water conservation measures, and to negotiate for additional water supplies from all state, federal, and local sources. The Agency is governed by a seven-member Board of Directors who serve overlapping four-year terms.

The Agency 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. The Agency is financially accountable if it appoints a voting majority of the organization's governing body and: 1) It is able to impose its will on that organization, or 2) There is a potential for the organization to provide specific financial benefits to, or impose specific financial burdens on, the primary government.

In 1994, to administer the provisions of the groundwater adjudication judgment, the Superior Court of Riverside appointed the Agency as the Mojave Basin Area Watermaster (Watermaster) and ordered the Watermaster to formulate a plan and program for management of the Basin's resources. Although the Watermaster is legally separate, it is included as a blended component unit of the Agency, as it is in substance part of the Agency's operations, as it is governed by the same Board of Directors and the Agency has operational responsibility for the Watermaster. Complete financial statements for the Watermaster are available at the Agency's office or upon request of the Agency's Chief Financial Officer at 13846 Conference Center Drive, Apple Valley, California 92307.

The Mojave Water Agency Public Facilities Corporation (MWAPFC) was incorporated in 1997. The MWAPFC is a California nonprofit public benefit corporation formed to assist the Mojave Water Agency (Agency) by acquiring, constructing, operating and maintaining facilities, equipment, or other property needed by the Agency and leasing or selling such property to the Agency and as such has no employees or other operations. Although the MWAPFC is legally separate, it is included as a blended component unit of the Agency, as it is in substance part of the Agency's operations. No separate financial statements are prepared for the MWAPFC.

Mojave Water Agency Fund

This fund accounts for the activities of the Agency and the Mojave Water Agency Act, which authorizes the Agency to assess taxes to pay for the costs of the California State Water Project system plus costs necessary for the administration of the Agency.

Watermaster Fund

This fund was established as part of the groundwater adjudication judgment to account separately for the annual activities of the Watermaster and accounting for the types of fees the Watermaster may impose and the expenditures made during the year.

Note 1: Reporting Entity and Summary of Significant Accounting Policies, continued

B. Basis of Accounting and Measurement Focus

The Agency reports its activities as an enterprise fund, which is used to account for operations that are financed and operated in a manner similar to a private business enterprise, where the intent of the Agency is that the costs of delivering wholesale water to its service area on a continuing basis be financed or recovered primarily through user charges (water sales and service charges), capital grants and similar funding. Revenues and expenses are recognized on the full accrual basis of accounting. Revenues are recognized in the accounting period in which they are earned and expenses are recognized in the period incurred, regardless of when the related cash flows take place.

Operating revenues and expenses, such as water sales and service charges, as well as Watermaster assessments, result from exchange transactions associated with the principal activity of the Agency. Exchange transactions are those in which each party receives and gives up essentially equal values. The principal operating revenues of the Agency are water sales to the Watermaster and the principal operating revenues of the Watermaster are water sales (assessments) to member water right holders. Management, administration and depreciation expenses are also considered operating expenses. Other revenues and expenses not included in the above categories are reported as non-operating revenues and expenses.

C. Financial Reporting

The Agency’s basic financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP), as applied to enterprise funds. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The Agency solely operates as a special-purpose government which means it is only engaged in business-type activities; accordingly, activities are reported in the Agency’s proprietary fund.

Prior Year Financial Data Presentation

The Agency has determined to present the annual financial statements with prior year data for comparative purposes, but not restate the prior year data as all information available to restate prior year amounts was not readily available.

Note 1: Reporting Entity and Summary of Significant Accounting Policies, continued

D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position

Use of Estimates

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

Cash and Cash Equivalents

Substantially all of the Agency's cash is invested in interest bearing accounts. The Agency considers all highly liquid investments with a maturity of three months or less to be cash equivalents.

Investments and Investment Policy

The Agency has adopted an investment policy directing the Chief Financial Officer to deposit funds in financial institutions. Changes in fair value that occur during a fiscal year are recognized as investment income reported for that fiscal year. Investment income includes interest earnings, changes in fair value, and any gains or losses realized upon the liquidation or sale of investments.

Fair Value Measurements

The Agency categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on valuation inputs used to measure the fair value of the asset, as follows:

- Level 1 – Valuation is based on quoted prices in active markets for identical assets.
- Level 2 – Valuation is based on directly observable and indirectly observable inputs. These inputs are derived principally from or corroborated by observable market data through correlation or market-corroborated inputs. The concept of market-corroborated inputs incorporates observable market data such as interest rates and yield curves that are observable at commonly quoted intervals.
- Level 3 – Valuation is based on unobservable inputs where assumptions are made based on factors such as prepayment rates, probability of defaults, loss severity and other assumptions that are internally generated and cannot be observed in the market.

Restricted Cash and Investments

The Agency has established a number of separate accounts, also referred to as funds, to provide for specific activities in accordance with special regulations, bond covenants, and other arrangements. The accounts are classified as "restricted", and are nondiscretionary in terms of the use of assets. Among other things, the restricted amounts provide for payments of debt service on bonds, reserves for principal and interest on outstanding bonds, construction of capital assets, and other obligations related to the State Water Project.

Restricted Assets

Amounts shown as restricted assets are to be used for specified purposes, such as servicing general obligation bond debt and the construction of capital assets. Such assets have been restricted by bond indenture, law or contractual obligations.

Note 1: Reporting Entity and Summary of Significant Accounting Policies, continued

D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position, continued

Accounts Receivable and Allowance for Uncollectible Accounts

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

Property Taxes and Special Assessments

The San Bernardino County Assessor's Office assesses all real and personal property within the County each year. The San Bernardino County Tax Collector's Office bills and collects the Agency's share of property taxes and assessments. The San Bernardino County Treasurer's Office remits current and delinquent property tax collections to the Agency throughout the year. Property tax in California is levied in accordance with Article 13A of the State Constitution at one percent (1%) of countywide assessed valuations.

Property taxes receivable at year-end are related to property taxes collected by the San Bernardino County which have not been credited to the Agency's cash balance as of June 30. The property tax calendar is as follows:

Lien date	January 1
Levy date	July 1
Due dates	November 1 and March 1
Collection dates	December 10 and April 10

Prepaid Expenses

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

Capital Assets

Capital assets acquired and/or constructed are capitalized at historical cost. Agency policy has set the capitalization threshold for reporting capital assets at $5,000. Contributed assets are recorded at acquisition value at the date of donation and/or historical cost. 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:

- State Water Project Entitlement – 75 years
- Transmission system – 50 to 100 years
- Monitoring wells – 25 to 50 years
- Structures and improvements – 25 to 40 years
- Other plant and equipment – 5 to 25 years

Note 1: Reporting Entity and Summary of Significant Accounting Policies, continued

D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position, continued

Deferred Outflows/Inflows of Resources

The statement of net position reports a separate section for deferred outflows of resources. This financial statement element, *deferred outflows of resources*, represents a consumption of resources applicable to future periods and therefore will not be recognized as an outflow of resources (expense) until that time. The statement of net position also reports a separate section for deferred inflows of resources. This financial statement element, *deferred inflows of resources*, represents an acquisition of resources applicable to future periods and therefore will not be recognized as an inflow of resources (revenue) until that time.

The Agency reports the following deferred outflows/inflows of resources: (1) the deferred outflow related to loss on debt defeasance is related to debt refinancing of the Agency bond issuances for the difference in the carrying value of the refunded debt and its reacquisition price. The net amount is deferred and amortized over the life of the refunded debt. (2) The deferred outflows/inflows related to pensions consists of employer contributions made after the measurement date of the net pension liability, as well as actuarial deferrals. (3) The deferred outflows/inflows related to other post-employment benefits (OPEB) consists of employer contributions made after the measurement date of the net OPEB liability, as well as actuarial deferrals.

Compensated Absences

The Agency's policy is to permit employees to accumulate a limited amount of earned vacation and sick leave. Accumulated vacation time is accrued at year-end to account for the Agency's obligation to the employees for the amount owed. It is Management's belief that the majority of the obligation will be utilized within the next fiscal year.

Pensions

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Agency's California Public Employees' Retirement System (CalPERS) plans (Plans) and addition to/deduction from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Generally accepted accounting principles require that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

	2019	2018
• Valuation Dates:	June 30, 2017	June 30, 2016
• Measurement Dates:	June 30, 2018	June 30, 2017
• Measurement Periods:	July 1, 2017 to June 30, 2018	July 1, 2016 to June 30, 2017

Note 1: Reporting Entity and Summary of Significant Accounting Policies, continued

D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position, continued

Other Postemployment Benefits (OPEB)

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the Agency's plan (OPEB Plan) and additions to/deductions from the OPEB Plan's fiduciary net position have been determined on the same basis. For this purpose, benefit payments are reported at fair value.

Generally accepted accounting principles require that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

	2019	2018
• Valuation Dates:	June 30, 2018	June 30, 2016
• Measurement Dates:	June 30, 2018	June 30, 2017
• Measurement Periods:	July 1, 2017 to June 30, 2018	July 1, 2016 to June 30, 2017

Net Position

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

- Net Investment in Capital Assets – This component of net position consists of capital assets, net of accumulated depreciation and reduced by any debt outstanding against the acquisition, construction or improvement of those assets.

- Restricted – This component of net position consists of restricted assets reduced by liabilities and deferred inflows of resources related to those assets.

- Unrestricted – This component of net position consists of net position that does not meet the definition of *restricted* net position or *net investment in capital assets*.

Capital Contributions

Capital contributions represent cash and capital asset additions contributed to the Agency by property owners, granting agencies or real estate developers desiring services that require capital expenditures or connection to the Agency's system.

Budgetary Policies

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

Reclassification

The Agency has reclassified certain prior year information to conform with current year presentation, with no effect on net position.

Note 2: Cash and Investments

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

Description	2019	2018
Cash and cash equivalents	$ 22,360,661	$ 36,308,955
Restricted - cash and cash equivalents	29,176,492	23,884,679
Investments	41,078,080	20,479,385
Total cash and investments	$ 92,615,233	$ 80,673,019

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

Description	2019	2018
Cash on hand	$ 1,000	$ 1,000
Demand deposits with financial institutions	1,552,254	1,321,505
Investments	91,061,979	79,350,514
Total cash and investments	$ 92,615,233	$ 80,673,019

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

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

Authorized Investment Type	Maximum Maturity	Maximum Percentage of Portfolio	Maximum Investment in One Issuer
State and local agency bonds, notes and warrants	5 years	None	None
U.S. Treasury obligations	5 years	None	None
Federal agency securities	5 years	None	None
Banker's acceptances	180 days	40%	40%
Prime commercial paper	270 days	40%	40%
Negotiable certificates of deposit	5 years	30%	None
Repurchase agreements	None	None	None
Reverse repurchase agreements	None	None	None
Medium-term notes	5 years	30%	None
Money market mutual funds	N/A	20%	10%
Mortgage pass-through securities	5 years	20%	None
California Local Agency Investment Fund (LAIF)	N/A	None	$65 million
County Pooled Investment Fund	N/A	None	None

Investment in State Investment Pool

The Agency is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the Agency's investment in this pool is reported in the accompanying financial statements at amounts based upon the Agency's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis.

Note 2: Cash and Investments, continued

Investments Authorized by Debt Agreements

Investments 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 Agency's investment policy. The following table identifies the investment types that are authorized for investment held by bond trustees. The table also identifies certain provisions of these debt agreements that address interest rate risk, credit risk, and concentration of credit risk.

Authorized Investment Type	Maximum Maturity	Maximum Percentage of Portfolio	Maximum Investment in One Issuer
U.S. Treasury obligations	None	None	None
Federal agency securities	None	None	None
Banker's acceptances	180 days	None	None
Commercial paper	180 days	None	10%
Negotiable certificates of deposit	None	None	None
Money market mutual funds	1 year	None	None
Investment contracts	None	None	None
Repurchase agreements	30 days	None	None
Municipal obligations	None	None	None

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The California Government Code and the Agency's investment policy does not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits, other than the following provision for deposits:

The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. Of the bank balances, up to $250,000 is federally insured and the remaining balance is collateralized in accordance with the Code; however, the collateralized securities are not held in the Agency's name.

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

Note 2: Cash and Investments, continued

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. One of the ways that the Agency manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer term investments and by timing cash flows from maturities so that a portion of the portfolio matures or comes close to maturity evenly over time as necessary to provide for cash flow requirements and liquidity needed for operations. Information about the sensitivity of the fair values of the Agency's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the Agency's investments by maturity date:

Investments at June 30, 2019:

		Remaining Maturity		
Investment Type	Total	12 Months or Less	13 to 24 Months	25 to 60 Months
Government sponsored entities securities	$ 24,285,379	$ 8,841,099	$ 3,568,919	$ 11,875,361
U.S. Treasury notes	10,936,870	2,063,734	3,844,521	5,028,615
Medium-term notes	5,855,831	1,007,115	-	4,848,716
Certificates of deposit	45,887	45,887	-	-
Local Agency Investment Fund (LAIF)	43,213,890	43,213,890	-	-
Held by bond or escrow trustee:				
Money market funds	187	187	-	-
U.S. Treasury notes	6,723,935	6,723,935	-	-
Total investments	$ 91,061,979	$ 61,895,847	$ 7,413,440	$ 21,752,692

Investments at June 30, 2018:

		Remaining Maturity		
Investment Type	Total	12 Months or Less	13 to 24 Months	25 to 60 Months
Government sponsored entities securities	$ 14,298,960	$ 5,645,786	$ 7,109,784	$ 1,543,390
U.S. Treasury notes	3,587,698	1,580,427	2,007,271	-
Medium-term notes	2,592,727	1,590,927	493,845	507,955
Certificates of deposit	45,747	45,747	-	-
Local Agency Investment Fund (LAIF)	53,400,656	53,400,656	-	-
Held by bond or escrow trustee:				
Money market funds	124	124	-	-
U.S. Treasury notes	5,424,602	5,424,602	-	-
Total investments	$ 79,350,514	$ 67,688,269	$ 9,610,900	$ 2,051,345

Note 2: Cash and Investments, continued

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 Agency's investment policy, or debt agreements, and the actual rating as of the fiscal year end for each investment type.

Investments at June 30, 2019:

Investment Type	Total	Minimum Legal Rating	Exempt from Disclosure	Rating at Year End AAA to AA-
Government sponsored entities securities	$ 24,285,379	None	$ 24,285,379	$ -
U.S. Treasury notes	10,936,870	None	10,936,870	-
Medium-term notes	5,855,831	A/AA	-	5,855,831
Certificates of deposit	45,887	N/A	45,887	-
Local Agency Investment Fund (LAIF)	43,213,890	N/A	43,213,890	-
Held by bond or escrow trustee:				
Money market funds	187	AAA	-	187
U.S. Treasury notes	6,723,935	None	-	6,723,935
Total investments	$ 91,061,979		$ 78,482,026	$ 12,579,953

Investments at June 30, 2018:

Investment Type	Total	Minimum Legal Rating	Exempt from Disclosure	Rating at Year End AAA to AA-
Government sponsored entities securities	$ 14,298,960	None	$ 14,298,960	$ -
U.S. Treasury notes	3,587,698	None	3,587,698	-
Medium-term notes	2,592,727	A/AA	-	2,592,727
Certificates of deposit	45,747	N/A	45,747	-
Local Agency Investment Fund (LAIF)	53,400,656	N/A	53,400,656	-
Held by bond or escrow trustee:				-
Money market funds	124	AAA	-	124
U.S. Treasury notes	5,424,602	None	-	5,424,602
Total investments	$ 79,350,514		$ 71,333,061	$ 8,017,453

Concentration of Credit Risk

The Agency's investment policy contains no limitations on the amounts that can be invested in any one issuer as beyond that stipulated by the California Government Code. There were no single investments in any one issuer that represent 5% or more of total Agency's investments at June 30, 2019 and 2018, respectively.

Note 2: Cash and Investments, continued

Fair Value Measurements

Investments measured at fair value on a recurring and non-recurring basis, are as follows:

Investments at June 30, 2019:

Investment Type	Total	Fair Value Measurements Using: Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Government sponsored entities securities	$ 24,285,379	$ 24,285,379	$ -	$ -
U.S. Treasury notes	10,936,870	10,936,870	-	-
Medium-term notes	5,855,831	5,855,831	-	-
Certificates of deposit	45,887	-	45,887	-
Held by bond or escrow trustee:				
Money market funds	187	187	-	-
U.S. Treasury notes	6,723,935	6,723,935	-	-
Total investments measured at fair value	47,848,089	$ 47,802,202	$ 45,887	$ -
Investments measured at amortized cost:				
Local Agency Investment Fund (LAIF)	43,213,890			
Total investments	$ 91,061,979			

Investments at June 30, 2018:

Investment Type	Total	Fair Value Measurements Using: Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Government sponsored entities securities	$ 14,298,960	$ 14,298,960	$ -	$ -
U.S. Treasury notes	3,587,698	3,587,698	-	-
Medium-term notes	2,592,727	2,592,727	-	-
Certificates of deposit	45,747	-	45,747	-
Held by bond or escrow trustee:				
Money market funds	124	124	-	-
U.S. Treasury notes	5,424,602	5,424,602	-	-
Total investments measured at fair value	25,949,858	$ 25,904,111	$ 45,747	$ -
Investments measured at amortized cost:				
Local Agency Investment Fund (LAIF)	53,400,656			
Total investments	$ 79,350,514			

Note 3: Water-in-Storage Inventory

In 1994, the Agency completed and adopted its current Regional Water Management Plan, which recognizes the Agency's Conjunctive Use Program (Program). The Program calls for the conjunctive use of surface water supplies, both local and imported, with groundwater supplies. The Agency acquires Free Production Allowances (FPA) from local sources and California State Water Project deliveries to recharge groundwater basins in "wet" years to provide relief in dry years. The Agency values its water inventory and computes the cost of water sold using an average cost method for local and state deliveries.

The Agency's policy is to record only variable OMP&R costs for transportation. The Agency's transportation cost of water sold for the past two fiscal years was computed as follows:

	2019		2018	
State Water Project	Acre-Feet	Cost	Acre-Feet	Cost
Inventory - beginning of year	177,347	$ 28,295,864	151,483	$ 22,895,927
Water purchases	8,017	1,873,319	32,671	6,428,816
Inventory - available for sale	185,364	30,169,183	184,154	29,324,743
Water sales - variable cost of sales	(7,150)	(1,140,783)	(6,807)	(1,028,879)
Total inventory - end of year	178,214	$ 29,028,400	177,347	$ 28,295,864

Note 4: Capital Assets

Changes in capital assets for the year were as follows:

	Balance 2018	Additions/ Transfers	Deletions/ Transfers	Balance 2019
Non-depreciable assets:				
Land and right of ways	$ 7,918,453	$ 34,106	$ -	$ 7,952,559
Morongo pipeline entitlement	208,000	-	-	208,000
Construction in progress	1,915,539	4,241,598	(145,342)	6,011,795
Total non-depreciable assets	10,041,992	4,275,704	(145,342)	14,172,354
Depreciable assets:				
State Water Project entitlement	272,326,365	6,814,720	-	279,141,085
Water management plan	4,272,065	-	-	4,272,065
Transmission system	193,264,012	6,043	-	193,270,055
Monitoring wells	20,190,868	-	-	20,190,868
Structures and improvements	16,682,345	-	-	16,682,345
Other plant and equipment	4,426,975	265,085	(102,078)	4,589,982
Total depreciable assets	511,162,630	7,085,848	(102,078)	518,146,400
Accumulated depreciation:				
State Water Project entitlement	(114,723,856)	(9,671,602)	-	(124,395,458)
Water management plan	(3,253,561)	(339,501)	-	(3,593,062)
Transmission system	(46,347,341)	(3,668,545)	-	(50,015,886)
Monitoring wells	(5,603,755)	(975,674)	-	(6,579,429)
Structures and improvements	(2,741,730)	(478,800)	-	(3,220,530)
Other plant and equipment	(2,988,363)	(228,290)	102,078	(3,114,575)
Total accumulated depreciation	(175,658,606)	(15,362,412)	102,078	(190,918,940)
Total depreciable assets, net	335,504,024	(8,276,564)	-	327,227,460
Total capital assets, net	$ 345,546,016	$ (4,000,860)	$ (145,342)	$ 341,399,814

Depreciation expense for the year ended June 30, 2019 was $15,362,412.

Note 4: Capital Assets, continued

Construction in Progress 2019

The Agency is involved in various construction projects throughout the year. Once completed, projects are capitalized and depreciated over the life of the asset.

	Balance 2018	Additions/ Transfers	Deletions/ Transfers	Balance 2019
Antelope Wash Recharge Ponds	$ 102,484	$ -	$ -	$ 102,484
Bandicoot Basin Recharge	79,913	-	-	79,913
Deep Creek Hydro	1,403,877	3,271,111	-	4,674,988
Helendale Outlet/Recharge Zone	16,120	-	-	16,120
SCADA Upgrade - Morongo Basin	22,492	-	-	22,492
Facility/Infrastructure Repair	-	60,329	-	60,329
HQ AV Upgrades	-	161,797	(145,342)	16,455
Regional Recharge Geotech	290,653	708,261	-	998,914
R3 Adelanto Pipeline Extension - MWA	-	40,100	-	40,100
Total construction in progress	$ 1,915,539	$ 4,241,598	$ (145,342)	$ 6,011,795

Note 4: Capital Assets, continued

Changes in capital assets for the prior year were as follows:

	Balance 2017	Additions/ Transfers	Deletions/ Transfers	Balance 2018
Non-depreciable assets:				
Land and right of ways	$ 7,886,596	$ 31,857	$ -	$ 7,918,453
Morongo pipeline entitlement	208,000	-	-	208,000
Construction in progress	1,333,984	1,302,564	(721,009)	1,915,539
Total non-depreciable assets	9,428,580	1,334,421	(721,009)	10,041,992
Depreciable assets:				
State Water Project entitlement	265,791,373	6,534,992	-	272,326,365
Water management plan	4,272,065	-	-	4,272,065
Transmission system	193,128,281	249,731	(114,000)	193,264,012
Monitoring wells	20,190,868	-	-	20,190,868
Structures and improvements	16,682,345	-	-	16,682,345
Other plant and equipment	3,603,721	823,254	-	4,426,975
Total depreciable assets	503,668,653	7,607,977	(114,000)	511,162,630
Accumulated depreciation:				
State Water Project entitlement	(105,453,120)	(9,270,736)	-	(114,723,856)
Water management plan	(2,914,060)	(339,501)	-	(3,253,561)
Transmission system	(42,502,160)	(3,880,394)	35,213	(46,347,341)
Monitoring wells	(4,628,081)	(975,674)	-	(5,603,755)
Structures and improvements	(2,262,930)	(478,800)	-	(2,741,730)
Other plant and equipment	(2,812,034)	(176,329)	-	(2,988,363)
Total accumulated depreciation	(160,572,385)	(15,121,434)	35,213	(175,658,606)
Total depreciable assets, net	343,096,268	(7,513,457)	(78,787)	335,504,024
Total capital assets, net	$ 352,524,848	$ (6,179,036)	$ (799,796)	$ 345,546,016

Depreciation expense for the year ended June 30, 2018 was $15,121,434.

Note 4: Capital Assets, continued

Construction in Progress 2018

The Agency is involved in various construction projects throughout the year. Once completed, projects are capitalized and depreciated over the life of the asset.

	Balance 2017	Additions/ Transfers	Deletions/ Transfers	Balance 2018
Antelope Wash Recharge Ponds	$ 102,484	$ -	$ -	$ 102,484
Network Hardware Replacement	163,641	33,056	(196,697)	-
Alto Regional Aquifer Off River Recharge	274,582	-	(274,582)	-
Bandicoot Basin Recharge	79,913	-	-	79,913
Deep Creek Hydro	670,686	733,191	-	1,403,877
Helendale Outlet/Recharge Zone	16,120	-	-	16,120
SCADA Upgrade - Morongo Basin	3,800	18,692	-	22,492
Casia Cla Valve Replacement	17,200	2,922	(20,122)	-
Upper Mojave Off River Channel Recharge	5,558	179,682	(185,240)	-
Regional Recharge Geotech	-	290,653	-	290,653
R3 Leak Repair - Pinion Ave, Hesperia	-	44,368	(44,368)	-
Total construction in progress	$ 1,333,984	$ 1,302,564	$ (721,009)	$ 1,915,539

Note 5: Compensated Absences

Changes in compensated absences for 2019 were as follows:

Balance 2018	Earned	Taken	Balance 2019	Current Portion	Long-term Portion
$ 397,104	$ 289,046	$ (245,536)	$ 440,614	$ 202,242	$ 238,372

Changes in compensated absences for 2018 were as follows:

Balance 2017	Earned	Taken	Balance 2018	Current Portion	Long-term Portion
$ 522,983	$ 228,320	$ (354,199)	$ 397,104	$ 241,439	$ 155,665

Note 6: Unearned Revenue

The Agency has allowed for pre-purchase claims of acre-feet of water to its customers. The transaction is recorded as unearned revenue until the transfer is complete in future periods. The following is a listing of Agencies that have pre-purchase claims of water and their respective acre-feet of water to be delivered:

Description	2019	2018
Unearned revenue in dollars (FIFO method)	$ 3,426,430	$ 3,983,452
Agency	**Acre-Feet**	**Acre-Feet**
Liberty Utilities	8,737	8,737
Luz Solar Partners	-	1,942
San Bernardino County Special Districts	2,600	2,600
Hesperia Water District	91	91
Helendale Community Services District	500	500
Silver Lakes Association	354	354
Mariana Ranchos County Water District	90	90
Apple Valley Heights County Water District	70	70
Rancheritos Mutual Water Company	40	47
Total acre-feet	12,482	14,431

Note 7: Long-Term Debt

Changes in long-term debt for 2019 were as follows:

	Balance 2018	Additions/ Transfers	Deletions/ Transfers	Balance 2019	Current Portion	Long-term Portion
Long-term debt:						
Bonds payable:						
2014 Revenue refunding bonds	$ 7,720,000	$ -	$ (1,410,000)	$ 6,310,000	$ 1,475,000	$ 4,835,000
2014 Revenue refunding bonds premium	810,890	-	(194,614)	616,276	-	616,276
2016 General obligation bond	12,555,000	-	(2,545,000)	10,010,000	2,615,000	7,395,000
2016 General obligation bond premium	719,727	-	(169,348)	550,379	-	550,379
2017 Revenue refunding bonds	30,200,000	-	(855,000)	29,345,000	900,000	28,445,000
2017 Revenue refunding bonds premium	5,274,386	-	(252,161)	5,022,225	-	5,022,225
Total bonds payable	$ 57,280,003	$ -	$ (5,426,123)	$ 51,853,880	$ 4,990,000	$ 46,863,880

Changes in long-term debt for 2018 were as follows:

	Balance 2017	Additions/ Transfers	Deletions/ Transfers	Balance 2018	Current Portion	Long-term Portion
Long-term debt:						
Bonds payable:						
2009 Certificates of participation	$ 33,950,000	$ -	$ (33,950,000)	$ -	$ -	$ -
2009 Certificates of participation premium	107,739	-	(107,739)	-	-	-
2014 Revenue refunding bonds	9,085,000	-	(1,365,000)	7,720,000	1,410,000	6,310,000
2014 Revenue refunding bonds premium	1,005,504	-	(194,614)	810,890	-	810,890
2016 General obligation bond	15,025,000	-	(2,470,000)	12,555,000	2,545,000	10,010,000
2016 General obligation bond premium	889,075	-	(169,348)	719,727	-	719,727
2017 Revenue refunding bonds	-	31,245,000	(1,045,000)	30,200,000	855,000	29,345,000
2017 Revenue refunding bonds premium	-	5,511,837	(237,451)	5,274,386	-	5,274,386
Total bonds payable	$ 60,062,318	$ 36,756,837	$ (39,539,152)	$ 57,280,003	$ 4,810,000	$ 52,470,003

2014 Revenue Refunding Bonds

In 2014, the Agency issued $13,155,000 in Revenue Refunding Bonds, Series 2014A to advance refund the 2004 Certificates-of-Participation issue. As a result, the Agency's 2004 Certificates-of-Participation issue is considered defeased and the liability for that obligation has been removed from the Agency's financial statements. The Agency completed the advance refunding to reduce the Agency's total debt service payments over the next nine years by a present-value amount of approximately $1.296 million and to obtain an economic gain of approximately $1.391 million. Also, the refunding issuance resulted in a deferred loss of $229,231, which will be amortized over the remaining life of the debt service.

The certificates-of-participation are scheduled to mature in fiscal year 2023. An interest rate premium in the amount of $1,605,563 was calculated on the issuance of the refunding revenue bonds and will be amortized over the life of the debt. Principal and interest are payable annually on September 1st each year at rates ranging from 2.00% to 5.00% with principal installments ranging from $1,280,000 to $1,685,000 as follows:

The outstanding 2014 bonds contain a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become due if (1) the Agency is unable to make a payment; (2) the Agency fails to perform any of the agreements or covenants required in the Indenture to be performed by it, and such default shall have continued for a period of sixty (60) days after the Agency has been given notice in writing of such default; (3) if the Agency files a petition or answer seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if a court of competent jurisdiction shall approve a petition filed with or without the consent of the Agency seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if under the provisions of any other law for the relief or aid of debtors any court of competent jurisdiction shall assume custody or control of the Agency or of the whole or any substantial part of its property; or (4) if the Agency pays the State or other obligations secured by ad valorem tax levies.

Note 7: Long-Term Debt, continued

Principal and interest are payable annually on September 1st each year at rates ranging from 2.00% to 5.00% with principal installments ranging from $1,280,000 to $1,685,000 as follows:

Fiscal Year	Principal	Interest	Total
2020	$ 1,475,000	$ 300,050	$ 1,775,050
2021	1,545,000	226,300	1,771,300
2022	1,605,000	164,500	1,769,500
2023	1,685,000	84,250	1,769,250
Total	6,310,000	$ 775,100	$ 7,085,100
Less current portion	(1,475,000)		
Premium on debt	616,276		
Total non-current	$ 5,451,276		

2016 General Obligation Bonds

In June 1990, a portion of the Agency voted in favor of forming Improvement District "M" (IDM) and to incur bonded indebtedness in the principal amount of $66,500,000. The proceeds of the bonds were used to finance costs of designing, planning, and constructing the Morongo Basin Pipeline Project to bring water from the California Aqueduct in Hesperia to Yucca Valley. On May 29, 1991, the Agency issued $12,000,000 and on November 19, 1992, the Agency issued $40,735,000 aggregated principal general obligation bonds to finance a portion of the costs of the Morongo Basin Pipeline Project. On April 25, 1996, the Agency issued $51,780,000 aggregated principal general obligation bonds to refund the 1991 and 1992 Series bonds. On June 7, 2006, the Agency issued $34,825,000 aggregated principal general obligation bonds for the purpose of refunding the remaining $40,810,000 of the 1996 general obligation bonds and to pay the costs incurred with the issuance, sale and delivery of the bonds.

On September 20, 2016, the Agency issued $15,025,000 of General Obligation Bonds, Series 2016A, to provide funds to prepay the outstanding 2006 general obligation bonds. The Agency completed the advance refunding to reduce the Agency's total debt service payments through 2023 by $2.045 million, and to obtain an economic gain of approximately $1.940 million. Also, the refunding issuance resulted in a deferred loss of $245,228, which will be amortized over the remaining life of the debt service. The interest rates on the bonds range from 1.50% to 4.00% per annum. Interest on the bonds is payable semi- annually on March 1 and September 1. Principal matures September 1 of each year through 2022.

The outstanding 2016 bonds contain a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become due upon demand if (1) the Project Participants are unable to make a payment, (2) the Agency is unable to make a payment; or (3) if the Agency files a petition or answer seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if a court of competent jurisdiction shall approve a petition filed with or without the consent of the Agency seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if under the provisions of any other law for the relief or aid of debtors any court of competent jurisdiction shall assume custody or control of the Agency or of the whole or any substantial part of its property.

Note 7: Long-Term Debt, continued

2016 General Obligation Bonds, continued

The Agency has entered into agreements with four water purveyors who are participants in the pipeline project. The purposes of the agreements are to sell and deliver water available to the Agency to the participants, to sell Project Capacity from the pipeline project to the participants and to sell Project Allotment and Project Capacity among the participants, all within the scope of the Agency's water service policy. During the fiscal year ended June 30, 1995, the Agency acquired 4% of the rights of the project from the County.

The participants and their respective percentages of water allotted from the pipeline project are as follows:

Project Participants	Original Percentages	Current Percentages
Hi-Desert Water District	59%	59%
Joshua Basin Water District	27%	27%
Bighorn-Desert View Water Agency	9%	10%
San Bernardino County Service Area:		
No. 70 Improvement Zone W-1	4%	0%
Improvement Zone W-4	1%	0%
Mojave Water Agency	0%	4%

Project participants are assessed for 25% of the debt service of the bonds. Each project participant also pays its project allotment percentage of estimated project costs for the current fiscal year. Project participant payments are due June 1st of each year (commencing June 1, 1994).

The Agency will levy property taxes upon the taxable property (other than personal property) in Improvement District "M" after fiscal year 1993-1994 in the amount of 75% of debt service bonds. The bonds mature through 2023 as follows:

Fiscal Year	Principal	Interest	Total
2020	$ 2,615,000	$ 265,525	$ 2,880,525
2021	2,710,000	172,100	2,882,100
2022	2,780,000	97,050	2,877,050
2023	1,905,000	38,100	1,943,100
Total	10,010,000	$ 572,775	$ 10,582,775
Less current portion	(2,615,000)		
Premium on debt	550,379		
Total non-current	$ 7,945,379		

Note 7: Long-Term Debt, continued

2017 Revenue Refunding Bonds

On October 15, 2009, the Agency entered into an agreement to issue $39,355,000 in certificates of participation. The certificates are to provide the funds to acquire a Table A amount of 14,000 acre feet of State Water Project Table A water from Dudley Ridge Water District. Pursuant to the acquisition agreement, dated April 30, 2009, the Table A will be transferred to the Agency on the following schedule:

Entitlement Transfer Date	Table A Amount (acre feet)
January 1, 2010	7,000
January 1, 2015	3,000
January 1, 2020	4,000

The certificates are payable solely from Installment Payments to be made by the Agency to the Mojave Water Agency Public Facilities Corporation pursuant to the Installment Purchase Agreement dated July 1, 2009.

On June 29, 2017, the Agency issued $31,245,000 of Refunding Revenue Bonds, Series 2017A to provide funds to prepay the outstanding Series 2009A Revenue Certificates of Participation, an existing long-term debt issuance. As a result, the Agency's Series 2009A Revenue Certificates of Participation issue is considered defeased and the liability for that obligation has been removed from the Agency's financial statements. The Agency completed the advance refunding to reduce the Agency's total debt service payments through 2039 by $5.641 million, and to obtain an economic gain of approximately $4.296 million. Also, the refunding issuance resulted in a deferred loss of $2.405 million, which will be amortized over the remaining life of the debt service. The interest rates on the bonds range from 3.00% to 5.00% per annum.

The outstanding 2017 bonds contain (a) a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become immediately due if the pledged revenues during each fiscal year are less than 125 percent of debt service coverage due in the following fiscal year and (b) a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become immediately due if (1) the Agency is unable to make a payment; (2) the Agency fails to perform any of the agreements, covenants, or conditions required in the Indenture to be performed by it, and such default shall have continued for a period of thirty (30) days after the Agency has been given notice in writing of such default; (3) if the Agency files a petition or answer seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if a court of competent jurisdiction shall approve a petition filed with or without the consent of the Agency seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if under the provisions of any other law for the relief or aid of debtors any court of competent jurisdiction shall assume custody or control of the Agency or of the whole or any substantial part of its property.

Note 7: Long-Term Debt, continued

2017 Revenue Refunding Bonds, continued

Interest on the bonds is payable annually on June 1. Principal matures June 1 of each year through 2039 as follows:

Fiscal Year	Principal	Interest	Total
2020	$ 900,000	$ 1,440,650	$ 2,340,650
2021	945,000	1,395,650	2,340,650
2022	990,000	1,348,400	2,338,400
2023	1,040,000	1,298,900	2,338,900
2024	1,090,000	1,246,900	2,336,900
2025-2029	6,310,000	5,385,850	11,695,850
2030-2034	7,940,000	3,762,500	11,702,500
2035-2039	10,130,000	1,568,750	11,698,750
Total	29,345,000	$ 17,447,600	$ 46,792,600
Less current portion	(900,000)		
Premium on debt	5,022,225		
Total non-current	$ 33,467,225		

Note 8: Defined Benefit Pension Plan

A. General Information about the Pension Plan

Plan Description

All qualified permanent and probationary employees are eligible to participate in the Public Agency Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Plan) administered by the California Public Employees' Retirement System (CalPERS.) The Plan consists of individual rate plans (benefit tiers) within a safety risk pool (police and fire) and a miscellaneous risk pool (all other). Plan assets may be used to pay benefits for any employer rate plan of the safety and miscellaneous pools. Accordingly, rate plans within the safety or miscellaneous pools are not separate plans under GASB Statement No. 68. Individual employers may sponsor more than one rate plan in the miscellaneous or safety risk pools. The Agency sponsors three miscellaneous rate plans. Benefit provisions under the Plan are established by State statute and Agency resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS' website, at www.calpers.ca.gov.

Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 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.

The Plan operates under the provisions of the California Public Employees' Retirement Law (PERL), the California Public Employees' Pension Reform Act of 2013 (PEPRA), and the regulations, procedures and policies adopted by the CalPERS Board of Administration. The Plan's authority to establish and amend the benefit terms are set by the PERL and PEPRA, and may be amended by the California state legislature and in some cases require approval by the CalPERS Board.

The Plan's provisions and benefits in effect at June 30, 2019 are summarized as follows:

	Classic	New Classic	PEPRA
Hire date	Prior to August 25, 2012	Prior to January 1, 2013	On or after January 1, 2013
Benefit formula	2.7% @ 55	2% @ 55	2% @ 62
Benefit vesting schedule	5 years service	5 years service	5 years service
Benefit payments	monthly for life	monthly for life	monthly for life
Retirement age	50 - 67	50 - 67	52 - 67
Monthly benefits, as a % of eligible compensation	2.0% to 2.7%	1.4% to 2.4%	1.0% to 2.5%
Required employee contribution rates	8.0%	7.0%	6.5%
Required employer contribution rates	13.084%	10.152%	7.266%

Note 8: Defined Benefit Pension Plan, continued

Contributions

Section 20814(c) of the California Public Employees' Retirement Law (PERL) requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. The total plan contributions are determined through CalPERS' annual actuarial valuation process. For public agency cost-sharing plans covered by either the Miscellaneous or Safety risk pools, the Plan's actuarially determined rate is based on the estimated amount necessary to pay the Plan's allocated share of the risk pool's costs of benefits earned by employees during the year, and any unfunded accrued liability. The employer is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. Employer 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 contribution requirements are classified as plan member contributions. Employer Contributions to the Plan for the fiscal years ended June 30, 2019 and 2018 were $733,660 and $624,672, respectively. The actual employer payments of $624,672 made to CalPERS by the Agency during the measurement period ended June 30, 2018 differed from the Agency's proportionate share of the employer's contributions of $757,019 by $132,347, which is being amortized over the expected average remaining service lifetime in the Public Agency Cost-Sharing Multiple Employer Plan.

B. Net Pension Liability

The Agency's net pension liability for the Plan is measured as the total pension liability, less the pension plan's fiduciary net position. The net pension liability of the Plan is measured as of June 30, 2018, using an annual actuarial valuation as of June 30, 2017 rolled forward to June 30, 2018 using standard update procedures. A summary of principal assumptions and methods used to determine the net pension liability is as follows.

Actuarial Methods and Assumptions Used to Determine Total Pension Liability

The total pension liabilities in the June 30, 2018 and 2017 actuarial valuation reports were determined using the following actuarial assumptions:

Valuation Dates	June 30, 2017 and 2016
Measurement Dates	June 30, 2018 and 2017
Actuarial Cost Method	Entry Age Normal
Asset Valuation Method	Market Value of Assets
Actuarial Assumptions:	
Discount Rate	7.15%
Inflation	2.50% for 2018 and 2.75% for 2017
Salary Increases (1)	3.3% - 14.2%
Mortality Rate Table (2)	Derived using CALPERS' membership data for all Funds
Post Retirement Benefit Increase	Contract COLA up to 2.0% until purchasing power protection allowance floor on purchasing power applies, 2.5% thereafter

(1) Annual increases vary by category, entry age, and duration of service

(2) The mortality table used w as developed based on CalPERS' specific data. The table includes 15 years of mortality improvements using Society of Actuaries Scale 90% of scale MP 2016. For more details on this table, please refer to the December 2017 experience study report (based on CalPERS demographic data from 1997 to 2015) that can be found on the CalPERS w ebsite.

Note 8: Defined Benefit Pension Plan, continued

All other actuarial assumptions used in the June 30, 2017 valuation were based on the results of an actuarial experience study for the period from 1997 to 2015, including updates to salary increase, mortality and retirement rates. The Experience Study report can be obtained at CalPERS' website, at www.calpers.ca.gov.

Long-term Expected Rate of Return

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 cash flows. Using historical returns of all the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the rounded 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 equal to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses.

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

Asset Class[1]	New Strategic Allocation	Real Return Years 1 - 10[2]	Real Return Years 11+[3]
Global Equity	50.0%	4.80%	5.98%
Fixed Income	28.0%	1.00%	2.62%
Inflation Assets	0.0%	0.77%	1.81%
Private Equity	8.0%	6.30%	7.23%
Real Estate	13.0%	3.75%	4.93%
Liquidity	1.0%	0.00%	(0.92%)
Total	100%		

[1] In the Systems's CAFR, fixed income is included in global debt securities; liquidity is included in short-term investments; inflation assets are included in both global equity securities and gobal debt securities.

[2] An expected inflation of 2.0% used for this period

[3] An expected inflation of 2.92% used for this period

Change of Assumptions

In 2018, demographic assumptions and inflation rate were changed in accordance to the CalPERS Experience Study and Review of Actuarial Assumptions December 2017. There were no changes in the discount rate.

Discount Rate

The discount rate used to measure the total pension liability for PERF C was 7.15%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Note 8: Defined Benefit Pension Plan, continued

Pension Plan Fiduciary Net Position

Information about the pension plan's assets, deferred outflows of resources, liabilities, deferred inflows of resources, and fiduciary net position are presented in CalPERS' audited financial statements, which are publicly available reports that can be obtained at CalPERS' website, at www.calpers.ca.gov. The plan's fiduciary net position and additions to/deductions from the plan's fiduciary net position have been determined on the same basis used by the pension plan, which is the economic resources measurement focus and the accrual basis of accounting. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Investments are reported at fair value.

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

C. Proportionate Share of Net Pension Liability

The following table shows the Plan's proportionate share of the net pension liability over the measurement period:

	Increase (Decrease)		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (c) = (a) - (b)
Balance at: 6/30/2017 (Valuation Date)	$ 24,595,010	$ 18,442,591	$ 6,152,419
Balance at: 6/30/2018 (Measurement Date)	$ 25,899,205	$ 19,873,935	$ 6,025,270
Net changes during 2017-18	$ 1,304,195	$ 1,431,344	$ (127,149)

The Agency's net pension liability for the Plan is measured as the proportionate share of the net pension liability. The net pension liability of the Plan is measured as of June 30, 2018, 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, 2017 rolled forward to June 30, 2018 using standard update procedures. The Agency's proportion of the net pension liability was determined by CalPERS using the output from the Actuarial Valuation System and the fiduciary net position, as provided in the CalPERS Public Agency Cost-Sharing Allocation Methodology Report, which is a publicly available report that can be obtained at CalPERS' website, at www.calpers.ca.gov. The Agency's proportionate share of the net pension liability for the Plan as of the June 30, 2017 and 2018 measurement dates was as follows:

June 30, 2019	
Proportionate Share - June 30, 2017	0.06204%
Proportionate Share - June 30, 2018	0.06253%
Change - Increase (Decrease)	0.00049%
June 30, 2018	
Proportionate Share - June 30, 2016	0.06072%
Proportionate Share - June 30, 2017	0.06204%
Change - Increase (Decrease)	0.00132%

Note 8: 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 Agency's proportionate share of the net pension liability of the Plan as of the measurement dates, calculated using the current discount rate, as well as what 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:

	Measurement Date June 30, 2018		
	Discount Rate - 1% (6.15%)	Current Discount Rate (7.15%)	Discount Rate + 1% (8.15%)
Net Pension Liability	$ 9,528,686	$ 6,025,270	$ 3,133,257

	Measurement Date June 30, 2017		
	Discount Rate - 1% (6.15%)	Current Discount Rate (7.15%)	Discount Rate + 1% (8.15%)
Net Pension Liability	$ 9,535,386	$ 6,152,419	$ 3,350,585

Subsequent Events

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

Recognition of Gains and Losses

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

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

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

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

The expected average remaining service lifetime (EARSL) is calculated by dividing the total future service years by the total number of plan participants (active, inactive, and retired) in the Public Agency Cost-Sharing Multiple-Employer Plan (PERF C).

The EARSL for PERF C for the measurement period ending June 30, 2018 is 3.8 years, which was obtained by dividing the total service years of 516,147 (the sum of remaining service lifetimes of the active employees) by 135,474 (the total number of participants: active, inactive, and retired). Note that inactive employees and retirees have remaining service lifetimes equal to 0. Also note that total future service is based on the members' probability of decrementing due to an event other than receiving a cash refund.

Note 8: Defined Benefit Pension Plan, continued

D. Pension Expense and Deferred Outflows and Deferred Inflows of Resources Related to Pensions

As of the start of the measurement period (July 1, 2017), the Agency's net pension liability was $6,152,419. For the measurement period ending June 30, 2018 (the measurement date), the Agency incurred a pension expense of $1,056,577.

As of June 30, 2019, the Agency has deferred outflows and deferred inflows of resources related to pensions as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences Between Expected and Actual Experience	$ 231,179	$ 78,669
Changes of Assumptions	686,898	168,346
Difference Between Projected and Actual Investment Earnings	29,787	-
Change in Employer's Proportion	166,430	-
Differences Between Employer's Contributions and Proportionate Share on Contributions	-	147,929
Pension Contributions Subsequent to the Measurement Date	733,660	-
Total	$ 1,847,954	$ 394,944

As of June 30, 2018, the Agency has deferred outflows and deferred inflows of resources related to pensions as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences Between Expected and Actual Experience	$ 8,271	$ 118,504
Changes of Assumptions	1,026,297	78,256
Net Difference Between Projected and Actual Earnings on Pension Plan Investments	232,106	-
Change in Employer's Proportion	307,612	-
Differences Between Employer's Contributions and Proportionate Share on Contributions	-	99,122
Pension Contributions Subsequent to the Measurement Date	624,672	-
Total	$ 2,198,958	$ 295,882

These amounts above are net of outflows and inflows recognized in the 2017-18 and 2016-17 measurement periods expense, respectively. Contributions subsequent to the measurement dates of $733,660 for 2019 and $624,672 for 2018 reported with deferred outflows of resources will be recognized as a reduction of the net pension liability in the immediately subsequent fiscal year, respectively. Other amounts reported as deferred outflows and deferred inflows of resources related to pensions at June 30, 2019 will be recognized in future pension expense as follows:

Note 8: Defined Benefit Pension Plan, continued

Fiscal Year Ended June 30:	Deferred Outflows/(Inflows) of Resources
2020	$ 609,637
2021	355,712
2022	(191,806)
2023	(54,193)
2024	-
Remaining	-

E. Payable to the Pension Plan

At June 30, 2019, the Agency reported no payables for the outstanding amount of contributions to the pension plan.

Note 9: Other Post-Employment Benefits (OPEB)

Plan Description

The Agency offers post-employment medical benefits for eligible retirees who satisfy the eligibility rules. Spouses and surviving spouses are also eligible to receive benefits. Retirees may enroll in any medical plan available through the Agency's CalPERS medical coverage, a cost-sharing multiple-employer medical coverage plan. The contribution requirements of eligible retired employees and the Agency are established and may be amended by the Board of Directors. The Agency participates in the CalPERS' California Employers' Retiree Benefit Trust (CERBT) trust fund. The healthcare coverage provided meets the definition of another post-employment benefit plan (OPEB Plan).

Benefits Provided

Eligibility for retiree health benefits requires retirement from the Agency on or after age 50 with at least five years of CalPERS service. Eligible employees who retire before June 1, 2006 receive a flat $200 monthly, subject to the PEMHCA minimum. Eligible employees who retire on or after June 1, 2006 receive a flat $500 monthly, subject to the PEMHCA minimum. Elected officials retiring prior to 1994 receive an Agency contribution equal to 100% cost of coverage.

Employees Covered

As of the June 30, 2018 actuarial valuation, the following current and former employees were covered by the benefit terms under the OPEB Plan:

Active employees	31
Inactive employees or beneficiaries currently receiving benefits	42
Inactive employees entitled to but not yet receiving benefits	-
Total	73

Note 9: Other Post-Employment Benefits (OPEB), continued

Contributions

The OPEB Plan and its contribution requirements are established by the Board of Directors and may be amended by Board action. The annual contribution is based on the actuarially determined contribution. For the measurement period ended June 30, 2018, the Agency's cash contributions were $217,990 in payments to the California Employers' Retiree Benefit Trust (CERBT) Fund and the estimated implied subsidy was $31,223, resulting in total payments of $249,213. The Agency's contributions to the OPEB plan are not based on a measure of pay.

Net OPEB liability

The Agency's net OPEB liability was measured as of June 30, 2018 and 2017, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation dated June 30, 2018 and June 30, 2017, based on the following actuarial methods and assumptions:

Actuarial Assumptions:	
Discount Rate	7.28% for 2018 and 7.00% for 2017
Inflation	2.50%
Salary Increases	2.75% for 2018 and 2.75% for 2017
Investment Rate of Return	7.28% for 2018 and 7.00% for 2017
Mortality Rate	Based on CalPERS tables
Pre-Retirement Turnover	
Healthcare Trend Rate	7.00% and 6.5% trending down to 3.84% over 58 years, respectively

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long-term expected real rate of return
Global Equities	59%	5.98%
Fixed Income	25%	2.62%
Treasury Inflation-Protected Securities	5%	1.46%
Real Estate Investment Trusts	8%	5.00%
Commodities	3%	2.87%
Total	100%	

Discount Rate

The discount rate used to measure the total OPEB liability was 7.28% percent. The projection of cash flows used to determine the discount rate assumed that Agency contributions will be made at rates equal to the actuarially determined contribution rates. 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 OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

Note 9: Other Post-Employment Benefits (OPEB), continued

Changes in the OPEB Liability

As of June 30, 2019, the changes in the net OPEB liability for the OPEB Plan are as follows:

	Total OPEB Liability (a)	Plan Fiduciary Net Position (b)	Net OPEB Liability (c)= (a) - (b)
Balance at June 30, 2017	$ 2,693,966	$ 1,128,873	$ 1,565,093
Changes recognized for the measurement period:			
Service cost	119,396	-	119,396
Interest	185,604	-	185,604
Differences between expected and actual experience	(279,188)	-	(279,188)
Changes of assumptions	(209,017)	-	(209,017)
Net investment income	-	88,574	(88,574)
Contributions - employer	-	217,990	(217,990)
Contributions - employer - implicit subsidy	-	31,223	(31,223)
Benefit payments	(130,655)	(130,655)	-
Implicit rate subsidy fulfilled	(31,223)	(31,223)	-
Administrative expenses	-	(604)	604
Net Changes	(345,083)	175,305	(520,388)
Balance at June 30, 2018	$ 2,348,883	$ 1,304,178	$ 1,044,705

As of June 30, 2018, the changes in the net OPEB liability for the OPEB Plan are as follows:

	Total OPEB Liability (a)	Plan Fiduciary Net Position (b)	Net OPEB Liability (c)= (a) - (b)
Balance at June 30, 2016	$ 2,526,163	$ 952,167	$ 1,573,996
Changes recognized for the measurement period:			
Service cost	116,059	-	116,059
Interest	180,524	-	180,524
Net investment income	-	100,125	(100,125)
Contributions - employer	-	195,029	(195,029)
Contributions - employer - implicit subsidy	-	10,821	(10,821)
Benefit payments	(117,959)	(117,959)	-
Implicit rate subsidy fulfilled	(10,821)	(10,821)	-
Administrative expenses	-	(489)	489
Net Changes	167,803	176,706	(8,903)
Balance at June 30, 2017	$ 2,693,966	$ 1,128,873	$ 1,565,093

Note 9: Other Post-Employment Benefits (OPEB), continued

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

The following presents the net OPEB liability of the Agency if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2018 and June 30, 2017:

	Measurement Date June 30, 2018		
	1% Decrease 6.28%	Current Discount Rate 7.28%	1% Increase 8.28%
Net OPEB Liability	$ 1,271,091	$ 1,044,705	$ 850,605

	Measurement Date June 30, 2017		
	1% Decrease 6.00%	Current Discount Rate 7.00%	1% Increase 8.00%
Net OPEB Liability	$ 1,646,788	$ 1,565,093	$ 1,182,890

Sensitivity of the Net OPEB Liability to Changes in the Health Care Cost Trend Rates

The following presents the net OPEB liability of the Agency if it were calculated using health care cost trend rates that are one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2018 June 30, 2017:

	Measurement Date June 30, 2018		
	1% Decrease	Current Healthcare Cost Trend Rates	1% Increase
Net OPEB Liability	$ 981,005	$ 1,044,705	$ 1,117,680

	Measurement Date June 30, 2017		
	1% Decrease	Current Healthcare Cost Trend Rates	1% Increase
Net OPEB Liability	$ 1,336,751	$ 1,565,093	$ 1,465,919

Note 9: Other Post-Employment Benefits (OPEB), continued

OPEB Plan Fiduciary Net Position

The California Employers' Retirement Benefit Trust (CERBT) is a section 115 trust that issued a publicly available financial report that may be obtained from CalPERS' website, at www.calpers.ca.gov.

Recognition of Deferred Outflows and Deferred Inflows of Resources

Gains and losses related to changes in total OPEB liability and fiduciary net position are recognized in OPEB expense systematically over time. Amounts are first recognized in OPEB expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to OPEB and are to be recognized in future OPEB expense.

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

Net difference between projected and actual earnings on OPEB plan investments	5 years
All other amounts	Expected average remaining service lifetime (EARSL) (4.2 Years at June 30, 2018)

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

For the fiscal year ended June 30, 2019, the Agency recognized OPEB expense of $100,181.

As of fiscal year ended June 30, 2019, the Agency reported deferred outflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes of assumptions	$ -	$ 159,251
Differences between expected and actual experience in the measurement of the total OPEB liability	-	212,715
Net difference between projected and actual earnings on OPEB plan investments	-	20,814
OPEB contributions subsequent to measurement date	223,155	-
Total	$ 223,155	$ 392,780

As of fiscal year ended June 30, 2018, the Agency reported deferred outflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Net difference between projected and actual earnings on OPEB plan investments	$ -	$ 21,424
OPEB contributions subsequent to measurement date	217,990	-
Total	$ 217,990	$ 21,424

Note 9: Other Post-Employment Benefits (OPEB), continued

OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB, continued

The $223,155 for 2019 and $217,990 for 2018 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability during the subsequent year. Other amounts reported as deferred outflows of resources related to OPEB at June 30, 2019 will be recognized as expense as follows:

Fiscal Year Ended June 30:	Deferred Outflows/(Inflows) of Resources
2020	$ (122,781)
2021	(122,781)
2022	(122,781)
2023	(24,437)
2024	-
Thereafter	-

Note 10: Net Position

The components of net position at June 30 consist of the following:

	2019	2018
Net investment in capital assets:		
Capital assets, not being depreciated	$ 14,172,354	$ 10,041,992
Depreciable capital assets, net	327,227,460	335,504,024
Deferred loss on defeasance, net	4,137,541	4,824,908
Bonds payable - current portion	(4,990,000)	(4,810,000)
Bonds payable - long-term portion	(46,863,880)	(52,470,003)
Less:		
Deferred loss on defeasance on 2016 general obligation bonds	(1,326,543)	(1,717,933)
Plus:		
2016 General obligation bonds	10,010,000	12,555,000
2016 General obligation bonds premium	550,379	719,727
Total net investment in capital assets	302,917,311	304,647,715
Restricted net position:		
Restricted for debt service	4,699,066	3,654,785
Restricted for state water project	50,543,660	45,451,779
Restricted for watermaster	1,043,149	1,373,559
Total restricted net position	56,285,875	50,480,123
Unrestricted net position:		
Nonspendable net position:		
Prepaid expenses and deposits	48,963	65,430
Spendable net position:		
Operating reserve	5,000,000	5,000,000
Capital replacement reserve	10,000,000	10,000,000
Contingency reserve	35,547,975	30,423,403
General revenue stabilization reserve	4,000,000	4,000,000
Total spendable net position	54,547,975	49,423,403
Total unrestricted net position	54,596,938	49,488,833
Total net position	$ 413,800,124	$ 404,616,671

Note 11: State Water Project Table A Water Sales

Agreement with the State of California Department of Water Resources

During the fiscal year ended June 30, 2018, the Agency entered into an exchange agreement with another State Water Project contractor which sold 5,633 acre-feet of its Table "A" water amounting to $1,802,560.

Note 12: Risk Management

The Agency 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 Agency 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. At June 30, 2019, the Agency participates in the ACWA/JPIA pooled programs for liability, and property programs as follows:

- General and auto liability, public officials and employees' errors and omissions: Total risk financing self-insurance limits of $5,000,000 per occurrence. The ACWA/JPIA purchased additional excess coverage layers: $55 million for general, auto and public officials liability, which increases the limits on the insurance coverage noted above.

In addition, the Agency also has the following insurance coverage:

- Crime coverage up to $100,000 per loss includes public employee dishonesty, depositor's forgery or alteration, theft, computer and funds transfer fraud coverage's, subject to $1,000 deductible per loss.

- 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, to a combined total of $150 million per loss, subject to a $1,000 deductible per loss. Mobile equipment and vehicles, on file, are paid on actual cost value basis at time of loss and subject to $1,000 deductible per loss.

- Boiler and machinery coverage for the replacement cost up to $150 million per occurrence, subject to various deductibles depending on the type of equipment, on file.

The Agency has purchased workers' compensation insurance coverage for injuries to employees through the Special District Risk Management Association (SDRMA), an intergovernmental risk sharing joint powers authority created to provide self-insurance programs for California special districts. The purpose of the SDRMA is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage. At June 30, 2019, the Agency participated in the workers' compensation programs of the SDRMA as follows:

- Workers' compensation coverage up to California statutory limits for all work related injuries/illnesses covered by California law and employers liability limit of $5,000,000 per occurrence.

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 Agency's insurance coverage during the years ending June 30, 2019, 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 IBNR claims payable as of June 30, 2019, 2018, and 2017, respectively.

Note 13: Commitments and Contingencies

State Water Contract

Estimates of the Agency's share of the project fixed costs of the State Water Project (SWP) are provided annually by the State. The estimates are subject to future increases or decreases resulting from changes in planned facilities, refinements in cost estimates and inflation.

According to the State's latest estimates, the Agency's long-term obligations under the contract, for capital and minimum operations and maintenance costs, including interest through the year 2036, are as follows:

	State Water Contract Long-Term Obligations
Fixed charges:	
Transportation capital cost	$ 31,518,984
Transportation minimum OMP&R	99,299,299
Delta water charge	103,688,824
Water system revenue bond surcharge	29,873,114
East Branch enlargement capital cost	13,736,271
East Branch minimum OMP&R	3,463,176
Total estimated fixed charges	281,579,668
Variable charges:	
Variable OMP&R	188,462,220
Off-aqueduct OMP&R	479,859
Total estimated variable charges	188,942,079
Total estimated future charges	$ 470,521,747

OMP&R: Operation, Maintenance, Power and Replacement

The amounts shown do not contain any escalation for inflation and are subject to significant variation over time because the amounts are based on a number of assumptions and are contingent on future events. Accordingly, none of the estimated long-term obligations are recorded as liabilities in the accompanying basic financial statements.

There are other pending actions that may adversely impact the Agency's ability to control the sale of water transported through the state water project into its service area. The impact on future revenues of such actions cannot be determined.

Construction Contracts

The Agency has a variety of agreements with developers and private parties relating to the installation, improvement or modification of transmission facilities and distribution systems within its service area. The financing of such improvements is provided primarily from debt, grants and the Agency's capital replacement reserve.

Note 13: Commitments and Contingencies, continued

Grant Awards

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

Litigation

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

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Required Supplementary Information

Mojave Water Agency
Schedule of the Agency's Proportionate Share of the Net Pension Liability and Related Ratios as of the Measurement Date
Last Ten Years*

Measurement Date	Employer's Proportion of the Collective Net Pension Liability[1]	Employer's Proportionate Share of the Collective Net Pension Liability	Employer's Covered Payroll	Employer's Proportionate Share of the Collective Net Pension Liability as a Percentage of the Employer's Covered Payroll	Pension's Plans Fiduciary Net Position as a Percentage of the Total Pension Liability
6/30/2014	0.05293%	$ 3,293,429	$ 3,186,970	103%	84%
6/30/2015	0.05916%	4,060,873	3,228,366	126%	80%
6/30/2016	0.06072%	5,253,996	3,229,103	163%	76%
6/30/2017	0.06204%	6,152,419	3,475,654	177%	75%
6/30/2018	0.06253%	6,025,270	3,358,283	179%	77%

[1] Proportion of the collective net pension liability represents the plan's proportion of PERF C, which includes both the Miscellaneous and Safety Risk pools excluding the 1959 Survivors Risk Pool.

* Historical information is required only for measurement period for which GASB 68 & 71 were applicable. Future years' information will be displayed up to 10 years as information becomes available.

Fiscal Year	Contractually Determined Contributions	Contributions in Relation to the Contractually Determined Contributions	Contribution Deficiency (Excess)	Employer's Covered Payroll	Contributions as a Percentage of Covered Payroll
2014-15	$ 568,371	$ (2,076,334)	$ (1,507,963)	$ 3,228,366	64%
2015-16	587,585	(551,929)	35,656	3,229,103	17%
2016-17	653,649	(616,051)	37,598	3,475,654	18%
2017-18	624,672	(624,672)	-	3,358,283	19%
2018-19	733,659	(733,659)	-	3,685,966	20%

Notes to Schedule:

Change in Benefit Terms: None

Change in Assumptions: In 2018, demographic assumptions and inflation rate were changed in accordance to the CalPERS Experience Study and Review of Actuarial Assumptions December 2017. There were no changes in the discount rate. In 2017, the accounting discount rate was reduced from 7.65 percent to 7.15 percent. In 2016, there were no changes. In 2015, amounts reported reflect an adjustment of the discount rate from 7.5 percent (net of administrative expense) to 7.65 percent (without a reduction for pension plan administrative expense). In 2014, amounts reported were based on the 7.5 percent discount rate.

* Historical information is required only for measurement period for which GASB 68 & 71 were applicable. Future years' information will be displayed up to 10 years as information becomes available.

Mojave Water Agency
Schedule of Changes in the Net OPEB Liability and Related Ratios
Last Ten Years*

	Measurement Date 6/30/2017	Measurement Date 6/30/2018
Total OPEB Liability		
Service cost	$ 116,059	$ 119,396
Interest	180,524	185,604
Differences between expected and actual experience	-	(279,188)
Changes of assumptions	-	(209,017)
Benefit payments	(117,959)	(130,655)
Implicit rate subsidy fulfilled	(10,821)	(31,223)
Net change in Total OPEB Liability	167,803	(345,083)
Total OPEB Liability - beginning	2,526,163	2,693,966
Total OPEB Liability - ending (a)	2,693,966	2,348,883
Plan Fiduciary Net Position		
Net investment income	100,125	88,574
Contributions - employer	195,029	217,990
Contributions - employer - implicit subsidy	10,821	31,223
Benefit payments	(117,959)	(130,655)
Implicit rate subsidy fulfilled	(10,821)	(31,223)
Administrative expenses	(489)	(604)
Net change in Plan Fiduciary Net Position	176,706	175,305
Plan Fiduciary Net Position - beginning	952,167	1,128,873
Plan Fiduciary Net Position - ending (b)	1,128,873	1,304,178
Net OPEB Liability		
Net OPEB Liability - ending (a) - (b)	$ 1,565,093	$ 1,044,705
Plan fiduciary net position as a percentage of the total OPEB liability	42%	56%
Covered-employee payroll	$ 3,540,021	$ 2,949,573
Net OPEB liability as a percentage of covered-employee payroll	44%	35%

* Historical information is required only for measurement period for which GASB 75 is applicable. Future years' information will be displayed up to 10 years as information becomes available. Fiscal Year 2017-18 was the first year of implementation.

Mojave Water Agency
Schedule of OPEB Contributions
Last Ten Years*

Fiscal Year Ended June 30	2018	2019
Actuarially Determined Contributions (ADC)	$ 243,432	$ 247,215
Contributions in relation to the ADC	(205,850)	(249,213)
Contribution deficiency/(excess)	$ 37,582	$ (1,998)
Covered-employee payroll	$ 3,540,021	$ 2,949,573
Contribution as a percentage of covere-employee payroll	6%	8%

Methods and assumptions used to determine contributions:

Actuarial Cost Method
Entry age normal, level percent of pay.

Amortization Method
Closed period, level percent of pay.

Amortization Period
20 years

Inflation
2.50%

Assumed Payroll Growth
2.750% for 2019 and 2.875% for 2018

Healthcare Trend Rates
6.50% for 2019 and 7.00% for 2018, trending down to 3.84%

Rate of Return on Assets
7.28% for 2019 and 7.00% for 2018

Mortality and Retirement Rates
CalPERS rates

* Historical information is required only for measurement period for which GASB 75 is applicable. Future years' information will be displayed up to 10 years as information becomes available. Fiscal Year 2017-18 was the first year of implementation.

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Statistical Information Section

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Mojave Water Agency
Statistical Section

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

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Mojave Water Agency
Net Position by Component
Last Ten Fiscal Years

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Business-type Activities:										
Net Investment in Capital Assets	$ 302,917,311	$ 304,647,715	$ 309,368,089	$ 314,156,584	$ 319,424,553	$ 324,331,059	$ 330,581,016	$ 327,577,444	$ 300,343,361	$ 273,034,391
Restricted	56,285,875	50,480,123	45,943,442	42,707,288	39,961,281	37,903,477	35,027,862	31,738,559	28,949,280	34,231,596
Unrestricted	54,596,938	49,488,833	43,654,223	36,573,091	35,957,237	36,827,693	19,200,219	17,552,942	31,048,893	35,676,490
Total Net Position	**$ 413,800,124**	**$ 404,616,671**	**$ 398,965,754**	**$ 393,436,963**	**$ 395,343,071**	**$ 399,062,229**	**$ 384,809,097**	**$ 376,868,945**	**$ 360,341,534**	**$ 342,942,477**

Mojave Water Agency
Changes in Net Position
Last Ten Fiscal Years

	06/30/19	06/30/18	06/30/17	06/30/16	06/30/15	06/30/14	06/30/13	06/30/12	06/30/11	06/30/10
OPERATING REVENUE:										
Watermaster Assessment	$ 1,392,018	$ 628,328	$ 556,395	$ 551,855	$ 2,887,177	$ 2,433,774	$ 2,752,826	$ 1,941,626	$ 3,250,049	$ 4,686,265
Water Sales	4,960,927	4,502,405	8,049,485	3,371,100	6,214,830	4,347,448	5,594,269	4,550,037	7,593,587	7,485,689
State Water Project Table A Water Sale	-	1,802,560	2,428,000	-	200,000	16,426,784	-	-	-	-
Total Operating Revenues	**6,352,945**	**6,933,293**	**11,033,880**	**3,922,955**	**9,302,007**	**23,208,006**	**8,347,095**	**6,491,663**	**10,843,636**	**12,171,954**
OPERATING EXPENSE:										
State Water Project Costs	11,245,303	10,985,708	12,749,527	11,566,691	13,082,665	11,417,785	12,491,587	11,113,359	14,242,963	13,332,303
Employment Costs	5,960,903	5,607,666	5,096,092	4,517,308	4,755,630	4,764,101	4,457,006	4,438,600	4,520,170	4,862,992
Administration Costs	3,136,934	3,236,944	4,448,787	4,688,210	3,553,351	2,526,374	1,477,057	2,578,265	2,328,611	5,122,475
Utilities	1,035,438	1,056,644	1,070,360	907,075	1,158,673	1,058,176	697,776	308,661	426,445	304,078
Supplies and Materials	478,375	291,017	364,638	344,300	394,324	285,913	255,077	222,719	326,951	318,285
Repairs and Maintenance	187,245	221,840	550,957	603,340	488,675	478,315	381,236	477,492	513,745	654,415
Mitigation Expense	-	-	-	-	-	-	-	-	366,000	-
Depreciation	15,362,412	15,121,434	14,765,622	14,371,985	14,951,346	15,619,566	11,639,513	10,716,705	10,041,933	21,370,216
Total Operating Expense	**37,406,610**	**36,521,253**	**39,045,983**	**36,998,909**	**38,384,664**	**36,150,230**	**31,399,252**	**29,855,801**	**32,766,818**	**45,964,764**
OPERATING INCOME / (LOSS)	**(31,053,665)**	**(29,587,960)**	**(28,012,103)**	**(33,075,954)**	**(29,082,657)**	**(12,942,224)**	**(23,052,157)**	**(23,364,138)**	**(21,923,182)**	**(33,792,810)**
NON-OPERATING REVENUES										
Property Taxes	39,454,505	37,004,166	35,101,094	33,165,757	31,286,258	30,092,574	30,318,770	28,010,289	29,026,251	32,395,925
D/S Support Fr.IDM: 849	814,375	813,313	814,438	812,688	813,250	813,688	814,064	813,126	812,188	813,938
Interest Income	2,178,573	762,897	266,529	354,186	236,731	119,841	83,684	147,230	274,578	621,518
Gain (Loss) on Disposal of Capital Assets	9,202	(78,787)	6,150	-	-	-	-	-	-	-
Mitigation Fees	-	-	-	-	-	-	19,468	60,176	286,356	-
Other Income	4,480	8,135	60,589	140,228	174,312	686,492	691,778	2,438,866	68,019	197,778
Total Non-Operating Revenue	**42,461,135**	**38,509,724**	**36,248,800**	**34,472,859**	**32,510,551**	**31,712,595**	**31,927,764**	**31,469,687**	**30,467,392**	**34,029,159**

Continued on next page

Mojave Water Agency

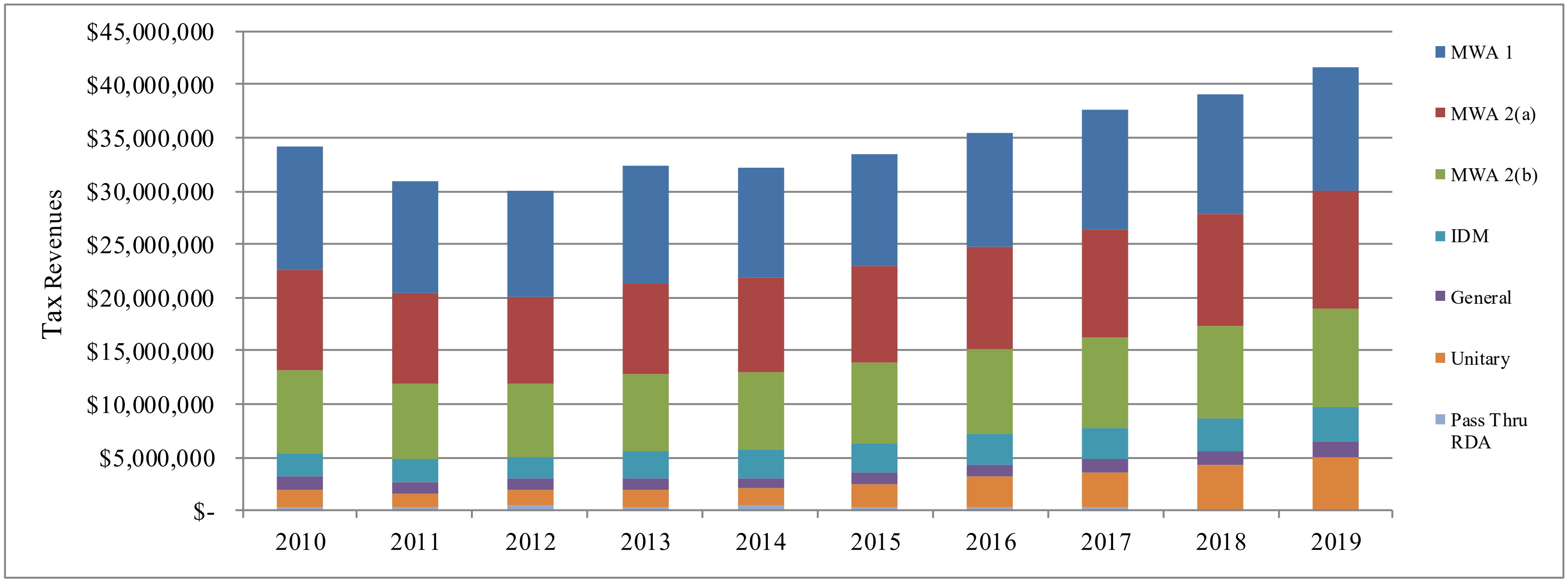
Changes in Net Position, continued

Last Ten Fiscal Years

	06/30/19	06/30/18	06/30/17	06/30/16	06/30/15	06/30/14	06/30/13	06/30/12	06/30/11	06/30/10
NON-OPERATING EXPENSES:										
Collection Charges	$ 99,179	$ 96,264	$ 91,499	$ 86,561	$ 81,752	$ 77,857	$ 76,024	$ 71,297	$ 109,673	$ 128,844
Other Expenses	350,726	103,252	91,483	490,751	540,492	633,360	477,736	413,904	563,432	71,795
Release of IDM Funds	-	-	-	-	-	-	-	903,229	353,838	1,308,753
CalPERS Side-Fund payoff	-	-	-	-	-	-	-	1,657,818	-	-
Yermo Community Services District Project	-	-	-	-	-	-	-	-	150,000	-
Joshua Basin Recharge Project	-	-	-	-	-	650,000	-	-	-	-
Bond Debt Issuance Expense	-	284,311	211,256	-	-	-	-	-	-	-
Amortization of bonds premium	(616,123)	(601,414)	(326,540)	(292,996)	(292,996)	(114,600)	(101,347)	(101,347)	(101,347)	(101,347)
Interest Expense	2,794,129	2,743,107	3,214,537	3,785,596	3,839,837	4,181,846	5,479,745	4,620,498	4,783,708	4,361,272
Total Non-Operating Expenses:	**2,627,911**	**2,625,520**	**3,282,235**	**4,069,912**	**4,169,085**	**5,428,463**	**5,932,158**	**7,565,399**	**5,859,304**	**5,769,317**
NON-OPERATING INCOME /(LOSS)	**39,833,224**	**35,884,204**	**32,966,565**	**30,402,947**	**28,341,466**	**26,284,132**	**25,995,605**	**23,904,288**	**24,608,088**	**28,259,842**
INCOME BEFORE CONTRIBUTIONS	**8,779,559**	**6,296,244**	**4,954,462**	**(2,673,007)**	**(741,191)**	**13,341,908**	**2,943,448**	**540,150**	**2,684,906**	**(5,532,968)**
Capital Contributions / State Grants	**403,894**	**1,145,841**	**574,329**	**766,899**	**963,143**	**911,224**	**4,996,704**	**15,987,261**	**14,714,150**	**4,854,146**
Change in Net Position:	**9,183,453**	**7,442,085**	**5,528,791**	**(1,906,108)**	**221,952**	**14,253,132**	**7,940,152**	**16,527,411**	**17,399,056**	**(678,822)**
Beginning of Year	404,616,671	398,965,754	393,436,963	395,343,071	399,062,229	384,809,097	376,868,945	360,341,534	342,942,477	316,327,365
End of Year	413,800,124	404,616,671	398,965,754	393,436,963	399,284,181	399,062,229	384,809,097	376,868,945	360,341,534	342,942,477
Prior Yr Adjustment	-	(1,791,168)	-	-	(3,941,110)	-	-	-	-	-
Net Position by Component:										
Net Investment in Capital Assets	302,917,311	304,647,715	309,368,089	314,156,584	319,424,553	324,331,059	330,581,016	327,577,444	300,343,361	273,034,391
Restricted	56,285,875	50,480,123	45,943,442	42,707,288	39,961,281	37,903,477	35,027,862	31,738,559	28,949,280	34,231,596
Unrestricted	54,596,938	49,488,833	43,654,223	36,573,091	35,957,237	36,827,693	19,200,219	17,552,942	31,048,893	35,676,490
Total Net Position	**$ 413,800,124**	**$ 404,616,671**	**$ 398,965,754**	**$ 393,436,963**	**$ 395,343,071**	**$ 399,062,229**	**$ 384,809,097**	**$ 376,868,945**	**$ 360,341,534**	**$ 342,942,477**

Mojave Water Agency
Tax Revenues by Source
Last Ten Fiscal Years

Fiscal Year	MWA 1	MWA 2(a)	MWA 2(b)	General	Unitary	Pass Thru RDA	IDM	Total
2010	$ 11,492,689	$ 9,433,914	$ 7,844,317	$ 1,187,672	$ 1,678,049	$ 293,894	$ 2,215,390	$ 34,145,925
2011	10,423,279	8,564,582	7,121,465	1,087,612	1,314,348	302,611	2,052,355	30,866,251
2012	9,811,628	8,253,752	6,863,010	1,036,290	1,555,426	409,870	2,005,314	29,935,289
2013	10,964,481	8,596,933	7,148,366	1,069,422	1,644,762	327,016	2,592,790	32,343,771
2014	10,431,354	8,775,525	7,296,865	1,062,717	1,644,367	399,564	2,612,182	32,222,574
2015	10,542,026	9,121,381	7,584,445	1,098,675	2,165,047	335,910	2,673,773	33,521,257
2016	10,683,723	9,674,554	8,044,409	1,145,703	2,744,546	369,941	2,847,881	35,510,757
2017	11,119,947	10,224,396	8,538,533	1,195,320	3,156,791	388,837	2,947,269	37,571,094
2018	11,175,672	10,496,164	8,787,196	1,242,601	4,296,680	463,728	3,087,124	39,549,165
2019	11,538,431	11,009,046	9,246,229	1,369,353	5,097,369	489,765	3,319,312	42,069,504



Mojave Water Agency
Property Tax Rates
Last Ten Fiscal Years

	MWA 1		MWA 2		ID M	
Fiscal Year Ended June 30	Secured Assessed Value	Unsecured Assessed Value	Secured Assessed Value	Unsecured Assessed Value	Secured Assessed Value	Unsecured Assessed Value
2010	0.1125	0.1125	0 .0550	0 .0550	0.0850	0.0850
2011	0.1125	0.1125	0 .0550	0 .0550	0.0850	0.0850
2012	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.0850
2013	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.1050
2014	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.1050
2015	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.1050
2016	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.1050
2017	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.1050
2018	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.1050
2019	0.1125	0.1125	0 .0550	0 .0550	0.1050	0.1050

Source:
Mojave Water Agency

Mojave Water Agency
Principal Property Taxpayers
Fiscal Year 2019

Rank	Taxpayer	Land Use	Secured Assessed Value	% of Total Secured Assessed Value
1	CEMEX INC	Miscellaneous	$ 386,523,715	1.13%
2	CALPORTLAND COMPANY	Miscellaneous	324,811,537	0.95%
3	WALMART STORES INC	Commercial	216,266,324	0.63%
4	MITSUBISHI CEMENT CORPORATION	Miscellaneous	180,406,931	0.53%
5	MACERICH VICTOR VALLEY LP	Commercial	136,335,511	0.40%
6	INTERMOUNTAIN POWER AGENCY	Utility	120,017,466	0.35%
7	GEO GROUP INC	Correctional Facilities	118,478,877	0.35%
8	STIRLING CAPITAL INVESTMENTS	Industrial	113,351,748	0.33%
9	FRO2MO BARSTOW LLC	Commercial	110,958,660	0.32%
10	HIGH DESERT POWER TRUST	Utility	103,700,000	0.30%
		Total	**$ 1,810,850,769**	**5.30%**
		Local Secured Assessed Valuation	**$ 34,191,267,517**	

Improvement District M
Ten Largest Taxpayers (Secured Roll Only)
Fiscal Year 2019

Rank	Taxpayer	Land Use	Secured Assessed Value	% of Total Secured Assessed Value
1	WALMART STORES INC	Commercial	$ 23,104,090	0.79%
2	HOME DEPOT USA INC	Commercial	11,867,341	0.40%
3	STATE OF CA DEPT OF TRANSPORTATION	Commercial	8,895,296	0.30%
4	SHAH FAMILY TRUST 7 31 00	Commercial	8,337,681	0.28%
5	GFC JOSHUA VILLAGE LLC	Commercial	6,816,622	0.23%
6	GUERRA FAMILY TRUST	Commercial	6,762,600	0.23%
7	HC-58295 29 PALMS HIGHWAY LLC	Commercial	6,760,884	0.23%
8	STEVEN JUN KOO	Commercial	5,965,263	0.20%
9	SWEETWATER YV JOSHUA PROPCO LLC	Commercial	5,925,078	0.20%
10	THRIFTY PAYLESS INC	Commercial	5,528,587	0.19%
		Total	**$ 89,963,442**	**3.07%**
		Local Secured Assessed Valuation	**$ 2,933,664,594**	

Source: San Bernardino County Assessor's Office and HdL Companies

Mojave Water Agency
Property Tax Assessed Valuations, Tax Levies and Collections
Last Ten Fiscal Years

MWA #1

Fiscal Year Ended June 30	Taxes Levied for the Fiscal Year	Collected within the Fiscal Year of Levy		Collections from Prior Years	Total Collections to Date	
		Amount (1)	Percent of Levy (2)		Amount	Percent of Levy (3)
2010	$ 12,610,003	$ 10,063,740	79.81%	$ 1,428,949	$ 11,492,689	91.1%
2011	10,611,905	9,264,516	87.30%	1,158,763	10,423,279	98.2%
2012	10,196,119	8,837,752	86.68%	973,876	9,811,628	96.2%
2013	9,907,907	9,551,624	96.40%	1,412,857	10,964,481	110.7%
2014	9,656,319	8,939,072	92.57%	1,492,283	10,431,354	108.0%
2015	9,786,438	9,181,849	93.82%	1,360,176	10,542,025	107.7%
2016	10,038,865	9,393,735	93.57%	1,289,987	10,683,723	106.4%
2017	10,222,055	9,758,910	95.47%	1,361,037	11,119,947	108.8%
2018	10,577,060	10,252,004	96.93%	923,668	11,175,672	105.7%
2019	11,016,505	10,750,984	97.59%	787,447	11,538,431	104.7%

MWA #2

Fiscal Year Ended June 30	Taxes Levied for the Fiscal Year	Collected within the Fiscal Year of Levy		Collections from Prior Years	Total Collections to Date	
		Amount (1)	Percent of Levy (2)		Amount	Percent of Levy (3)
2010	$ 17,486,368	$ 15,504,961	89%	$ 1,773,270	$ 17,278,231	98.8%
2011	15,454,895	14,493,855	94%	1,192,192	15,686,047	101.5%
2012	15,177,349	14,150,668	93%	966,093	15,116,762	99.6%
2013	15,070,063	14,569,069	97%	1,176,230	15,745,299	104.5%
2014	15,303,875	14,838,185	97%	1,234,206	16,072,390	105.0%
2015	16,024,200	15,627,767	98%	1,078,059	16,705,826	104.3%
2016	16,994,204	16,669,729	98%	1,049,233	17,718,963	104.3%
2017	17,675,273	17,728,741	100%	1,034,188	18,762,929	106.2%
2018	18,639,032	18,500,832	99%	782,528	19,283,360	103.5%
2019	19,615,718	19,534,082	100%	721,193	20,255,275	103.3%

(1) Amounts collected include current secured, current unsecured, and supplemental taxes. Assessed value amounts are based on the assessed value as of January 1 preceeding the applicable fiscal year.

(2) "% of Levy" for "Collections within the Fiscal Year of Levy" is greater than 100% in some years due to supplemental assessments which occur based on valuations in connection with a change of ownership during the applicable fiscal year.

(3) Percentages may be greater than 100% due to inclusion of amounts collected from prior years.

Source: Mojave Water Agency

General Tax

Fiscal Year Ended June 30	Taxes Levied for the Fiscal Year	Collected within the Fiscal Year of Levy: Amount (1)	Collected within the Fiscal Year of Levy: Percent of Levy (2)	Collections from Prior Years	Total Collections to Date: Amount	Total Collections to Date: Percent of Levy (3)
2010	$ 2,954,170	$ 3,067,933	103.85%	$ 91,682	$ 3,159,615	106.95%
2011	2,949,926	2,647,624	89.75%	56,947	2,704,571	91.68%
2012	2,366,193	2,953,101	124.80%	48,484	3,001,585	126.85%
2013	2,588,976	3,007,440	116.16%	33,760	3,041,201	117.47%
2014	2,695,757	3,065,212	113.71%	41,437	3,106,648	115.24%
2015	2,704,288	3,563,098	131.76%	36,534	3,599,632	133.11%
2016	3,306,588	4,222,419	127.70%	33,589	4,256,008	128.71%
2017	3,922,062	4,706,689	120.01%	34,259	4,740,948	120.88%
2018	4,359,970	5,971,613	136.96%	31,396	6,003,009	137.68%
2019	6,726,632	6,927,238	102.98%	29,249	6,956,487	103.42%

IDM

Fiscal Year Ended June 30	Taxes Levied for the Fiscal Year	Collected within the Fiscal Year of Levy: Amount (1)	Collected within the Fiscal Year of Levy: Percent of Levy (2)	Collections from Prior Years	Total Collections to Date: Amount	Total Collections to Date: Percent of Levy (3)
2010	$ 2,168,137	$ 2,014,058	92.89%	$ 201,332	$ 2,215,390	102.18%
2011	2,018,760	1,877,124	92.98%	175,231	2,052,355	101.66%
2012	2,012,371	1,852,338	92.05%	152,976	2,005,314	99.65%
2013	2,467,690	2,378,743	96.40%	214,047	2,592,790	105.07%
2014	2,440,025	2,317,316	94.97%	294,867	2,612,182	107.06%
2015	2,571,903	2,458,390	95.59%	215,383	2,673,773	103.96%
2016	2,712,534	2,615,260	96.41%	232,621	2,847,881	104.99%
2017	2,784,803	2,715,916	97.53%	231,353	2,947,269	105.83%
2018	2,906,998	2,902,516	99.85%	184,608	3,087,124	106.20%
2019	3,096,315	3,090,826	99.82%	228,485	3,319,312	107.20%

(1) Amounts collected include current secured, current unsecured, and supplemental taxes. Assessed value amounts are based on the assessed value as of January 1 preceeding the applicable fiscal year.

(2) "% of Levy" for "Collections within the Fiscal Year of Levy" is greater than 100% in some years due to supplemental assessments which occur based on valuations in connection with a change of ownership during the applicable fiscal year.

(3) Percentages may be greater than 100% due to inclusion of amounts collected from prior years.

Source: Mojave Water Agency

Mojave Water Agency
Property Tax Allocation of Supplemental Table A Amount Revenues
Last Ten Fiscal Years

	Ad Valorem Taxes		
Fiscal Year Ended June 30	**Ad Valorem Taxes Received (1)**	**Amount Allocated to Payment Under Water Supply Contract**	**Amount Allocated to Supplement Table A Amount Revenues (2)**
2010	$ 20,926,603	$ 10,917,808	$ 10,008,795
2011	18,987,861	13,448,072	5,539,789
2012	92,349,151	12,447,582	79,901,569
2013	19,561,414	13,034,376	6,527,038
2014	19,206,879	12,996,300	6,210,579
2015	19,663,407	14,614,918	5,048,489
2016	20,358,277	16,061,710	4,296,566
2017	21,344,343	16,759,691	4,584,652
2018	21,671,836	16,204,477	5,467,359
2019	22,547,477	15,795,457	6,752,020

(1) Includes revenues from the levy of the MWA#1 Assessessment and the allocation of the MWA#2 Assessment revenues of $0.03 per $100 of assessed valuation.

(2) Amounts include (i) the revenues received from the levy of the MWA#1 Assessment, *plus* (ii) the allocation of the revenues received from the levy of the MWA#2 Assessment of $0.03 per $100 of assessed valuation, *less* (iii) amounts due under the Water Supply Contract. See the captions "SECURITY AND SOURCES OF PAYMENT FOR THE 2014 BONDS - Limited Obligations Payable from Supplemental Table A Amount Revenues" found on page 6 of the Refunding Revenue Bonds, Series 2014A Official Statement, and "AD VALOREM PROPERTY TAXES - General" found on page 19 of the same Series 2014A Official Statement for further discussion.

Source: Mojave Water Agency

Mojave Water Agency
Annual Change in Assessed Value
Last Ten Fiscal Years

Fiscal Year Ended June 30	Secured Assessed Valuation Within Service Area	Unsecured Assessed Valuation Within Service Area	Percentage Increase/(Decrease)
2010	$ 31,119,466,104	$ 673,930,872	(12.21)
2011	27,375,296,579	724,511,959	(11.62)
2012	26,894,046,920	701,133,760	(1.80)
2013	26,681,108,169	719,006,056	(0.71)
2014	27,004,903,579	820,324,180	1.55
2015	28,305,755,509	829,154,150	4.71
2016	29,957,740,316	940,812,620	6.05
2017	31,227,014,802	909,845,129	4.01
2018	33,024,412,270	864,736,899	5.45
2019	34,885,525,320	779,417,266	5.24

Fiscal Year Ended June 30	Assessed Valuation Within Service Area (Land Only)	Assessed Valuation Within Service Area (Improvements)	Percentage Increase/(Decrease)
2010	$ 11,208,891,543	$ 20,584,505,433	(12.21)
2011	9,432,804,274	18,667,004,264	(11.62)
2012	9,063,216,846	18,531,963,834	(1.80)
2013	8,807,028,882	18,593,085,343	(0.71)
2014	8,583,394,618	19,241,833,141	1.55
2015	8,699,055,582	20,435,854,077	4.71
2016	8,923,435,342	21,975,117,594	6.05
2017	9,086,271,066	23,050,588,865	4.01
2018	9,401,831,735	24,487,317,434	5.45
2019	9,792,449,045	25,872,493,541	5.24

Mojave Water Agency
Ratios of Outstanding Debt by Type, **continued on next page**
Last Ten Fiscal Years

Fiscal Year Ending	General Obligation Bond 2006	General Obligation Bond 2016	Certificate of Participation 2004	Certificate of Participation 2014	Certificate of Participation 2009	Refunding Revenue Bond 2017	DWR 860 Reach 1 Oversize E74005
2010	$ 30,065,000	$ -	$ 19,095,000	$ -	$ 38,205,000	$ -	$ 1,313,833
2011	28,315,000	-	17,945,000	-	37,770,000	-	999,893
2012	26,475,000	-	16,755,000	-	37,325,000	-	676,516
2013	24,550,000	-	15,530,000	-	36,870,000	-	343,275
2014	22,525,000	-	-	13,155,000	36,400,000	-	-
2015	20,395,000	-	-	11,685,000	35,615,000	-	-
2016	18,160,000	-	-	10,405,000	34,800,000	-	-
2017	-	15,025,000	-	9,085,000	33,950,000	-	-
2018	-	12,555,000	-	7,720,000	-	30,200,000	-
2019	-	10,010,000	-	6,310,000	-	29,345,000	-

Fiscal Year Ending	DWR 870 MRP Recharge E72008	DWR 880 HD Extension MBP E74007A	Sub Total	Premium/ (Discount)	TOTAL	Per Capita [1]	% of Per Capita
2010	$ 2,634,302	$ 443,147	$ 91,756,282	$ 1,398,966	$ 93,155,248	$ 29,314	0.031%
2011	2,355,767	349,774	87,735,434	1,292,800	89,028,234	30,491	0.034%
2012	2,069,507	253,597	83,554,621	1,186,537	84,741,158	31,064	0.037%
2013	1,774,931	154,480	79,222,686	1,080,275	80,302,960	31,683	0.039%
2014	1,472,166	52,381	73,604,547	2,497,466	76,102,013	32,892	0.043%
2015	-	-	67,695,000	2,204,470	69,899,470	35,431	0.051%
2016	-	-	63,365,000	1,911,474	65,276,474	36,835	0.056%
2017	-	-	58,060,000	2,002,318	60,062,318	N/A	-
2018	-	-	50,475,000	6,805,003	57,280,003	N/A	-
2019	-	-	45,665,000	6,188,880	51,853,880	N/A	-

(1) http://www.bea.gov/iTable/iTable.cfm?reqid=70&step=1&isuri=1&acrdn=4

Bureau of Economic Analysis: Regional Economic Accounts for San Bernardino County. Bureau of Economic Analysis is an agency of the U.S. Department of Commerce. Statistics are available through 2017.

N/A - Statiscal information was not available for the specified time periods.

Note: Outstanding Debt by Type includes both short-term and long-term portions of debt, for a total outstanding debt at the end of each year.

Mojave Water Agency
Ratios of General Obligated Debt Outstanding
Last Ten Fiscal Years

Fiscal Year	General Obligation Bonds	Premium/ (Discount)	TOTAL	Total Assessed Taxable Value of Property (1)	% of Est. Actual Taxable Value of Property	Per Capita (2)
2010	$ 30,065,000	$ 1,159,499	$ 31,224,499	$ 2,550,749,524	1.18%	$ 29,314
2011	28,315,000	1,066,033	29,381,033	2,375,011,808	1.19%	30,491
2012	26,475,000	972,567	27,447,567	2,367,494,975	1.12%	31,064
2013	24,550,000	879,101	25,429,101	2,363,922,670	1.04%	31,683
2014	22,525,000	785,635	23,310,635	2,323,833,066	0.97%	32,892
2015	20,395,000	692,168	21,087,168	2,449,431,676	0.83%	35,431
2016	18,160,000	598,702	18,758,702	2,583,365,954	0.70%	36,835
2017	15,025,000	889,075	15,914,075	2,652,193,078	0.57%	N/A
2018	12,555,000	719,727	13,274,727	2,768,569,401	0.45%	N/A
2019	10,010,000	550,379	10,560,379	2,948,871,088	0.34%	N/A

(1) Source: http://www.sbcounty.gov/atc/DBMFiles/FY1819%20PIP163-PI163%20AGCY%20VAL%20RPT%2010-31-18_38331690

(2) Source: https://apps.bea.gov/iTable/iTable.cfm?acrdn=4&isuri=1&reqid=70&step=1

Bureau of Economic Analysis: Regional Economic Accounts for San Bernardino County. Bureau of Economic Analysis is an agency of the U.S. Department of Commerce. Statistics are available through 2017.

N/A - Statiscal information was not available for the specified time periods.

Mojave Water Agency
Legal Debt Margin Information
Last Ten Fiscal Years

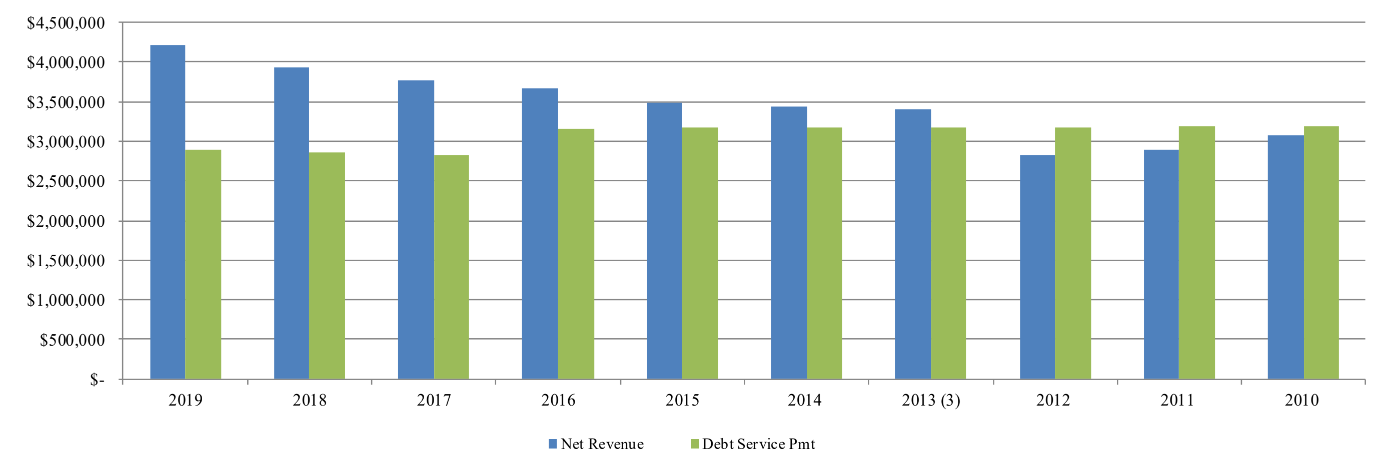
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Total Assessed Value of Taxable Property	$2,948,871,088	$2,768,569,401	$2,652,193,078	$2,583,365,954	$2,449,431,676	$2,323,833,066	$2,363,922,670	$2,367,494,975	$2,375,011,808	$2,550,749,524
Debt Limit (10% of total assessed value)	294,887,109	276,856,940	265,219,308	258,336,595	244,943,168	232,383,307	236,392,267	236,749,498	237,501,181	255,074,952
Debt Applicable to limit: General Obligation Bonds	10,010,000	12,555,000	15,025,000	18,160,000	20,395,000	22,525,000	24,550,000	26,475,000	28,315,000	30,065,000
Less: Amount set aside for repayment of general obligation debt	2,887,925	2,859,333	2,832,363	3,161,625	3,167,500	3,168,125	3,168,542	3,179,083	3,180,333	3,182,125
Total Net Debt applicable to the limit	12,897,925	15,414,333	17,857,363	21,321,625	23,562,500	25,693,125	27,718,542	29,654,083	31,495,333	33,247,125
Legal Debt Margin	$ 307,785,034	$ 292,271,273	$ 283,076,671	$ 279,658,220	$ 268,505,668	$ 258,076,432	$ 264,110,809	$ 266,403,581	$ 268,996,514	$ 288,322,077
Total Net Debt applicable to the limit as a percentage of debt limit	4.37%	5.57%	6.73%	8.25%	9.62%	11.06%	11.73%	12.53%	13.26%	13.03%

Mojave Water Agency
Pledged Revenue Coverage
Last Ten Fiscal Years

General Obligation Bonds - IDM

	Special Assessment Collections			Debt Service		
Fiscal Year Ending June 30	IDM Taxes	D/S Support (1)	Total Collections	Principal	Interest	Total Payment
2010	$ 2,215,390	$ 813,938	$ 3,029,328	$ 1,665,000	$ 1,517,125	$ 3,182,125
2011	2,052,355	812,188	2,864,543	1,750,000	1,430,333	3,180,333
2012	2,005,314	813,126	2,818,440	1,840,000	1,339,083	3,179,083
2013	2,592,790	814,064	3,406,854	1,925,000	1,243,542	3,168,542
2014	2,612,182	813,688	3,425,870	2,025,000	1,143,125	3,168,125
2015	2,673,773	813,250	3,487,023	2,130,000	1,037,500	3,167,500
2016	2,847,881	812,688	3,660,569	2,235,000	926,625	3,161,625
2017	2,947,269	814,438	3,761,707	2,345,000	487,363	2,832,363
2018	3,087,124	813,313	3,900,437	2,470,000	389,333	2,859,333
2019	3,319,312	814,375	4,133,687	2,545,000	342,925	2,887,925

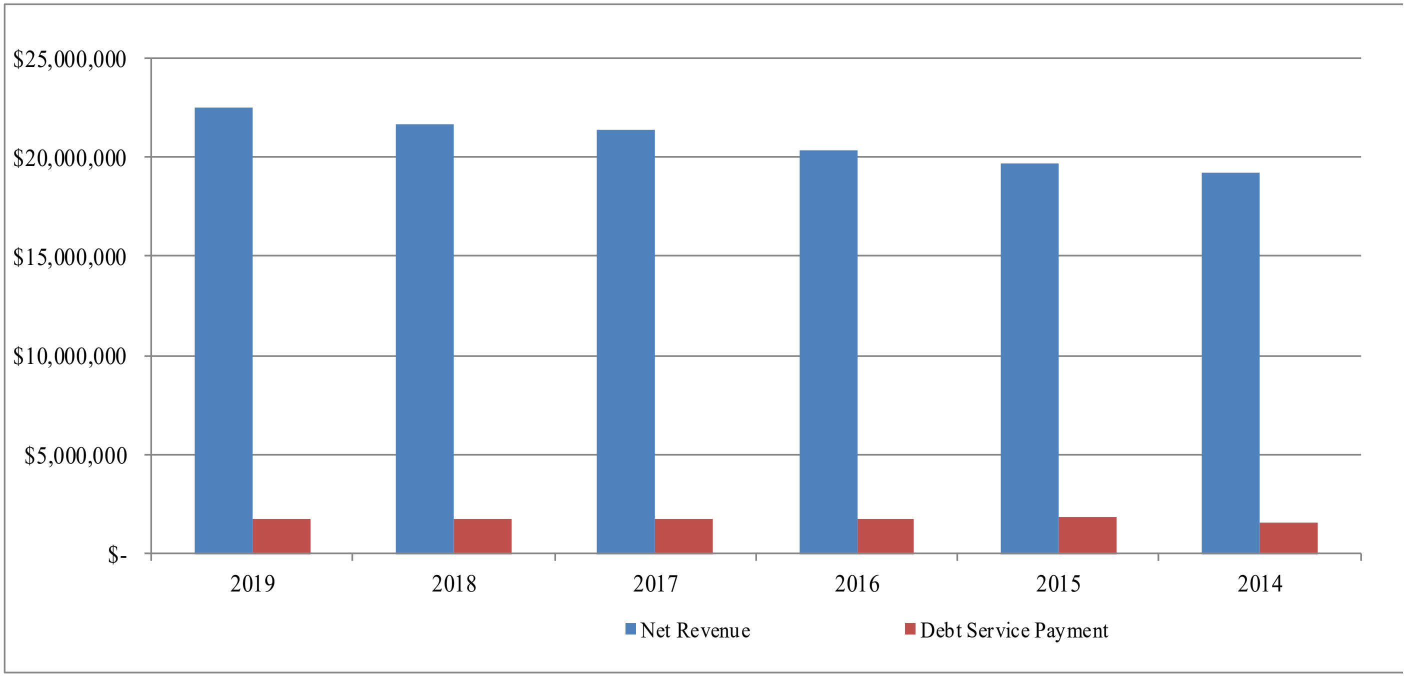
	2019	2018	2017	2016	2015	2014	2013 (3)	2012	2011	2010
Revenues:										
Tax Assessments	$ 3,319,312	$ 3,087,124	$ 2,947,269	$ 2,847,881	$ 2,673,773	$ 2,612,182	$ 2,592,790	$ 2,005,314	$ 2,052,355	$ 2,215,390
Debt Service Support (1)	814,375	813,313	814,438	812,688	813,250	813,688	814,064	813,126	812,188	813,938
Interest	73,788	24,008	1,454	-	2,169	4,239	2,061	3,806	19,926	46,769
Total Revenue	$ 4,207,475	$ 3,924,445	$ 3,763,161	3,660,569	3,489,192	3,430,109	3,408,915	2,822,246	2,884,469	3,076,097
Debt Service	$ 2,887,925	$ 2,859,333	$ 2,832,363	3,161,625	3,167,500	3,168,125	3,168,542	3,179,083	3,180,333	3,182,125
Coverage Ratio	1.46	1.37	1.33	1.16	1.10	1.08	1.08	0.89	0.91	0.97
Revenues Remaining After Debt Service Payment(2)	$ 1,319,550	$ 1,065,112	$ 930,798	$ 498,944	$ 321,692	$ 261,984	$ 240,374	$ (356,837)	$ (295,865)	$ (106,028)



(1) Project Participants pay 25% of annual Debt Service. Project Participants include High Desert Water District, Joshua Basin Water District, Bighorn Desert View Water Agency, and Mojave Water Agency.
(2) Overcollcection in prior years created a buildup in reserves, which were used to supplement during years of undercollection.
(3) Tax rate increased in 2013.

Refunding Revenue Bonds Series 2014A

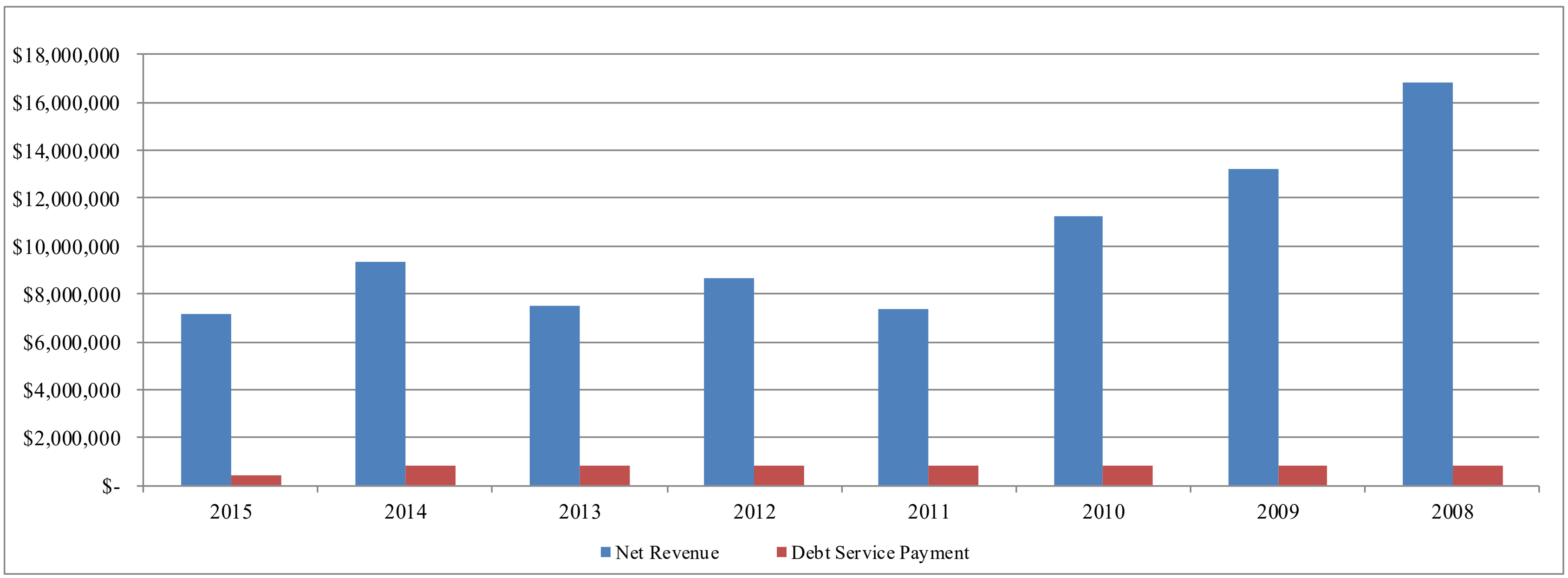
	2019	2018	2017	2016	2015	2014
Revenues:						
Tax Assessments [(1)]	$ 22,547,477	$ 21,671,836	$ 21,344,343	$ 20,358,277	$ 19,663,407	$ 19,206,879
Interest	359,973	215,324	135,915	78,389	23,991	26,343
Total Revenue	22,907,450	21,887,160	21,480,258	20,436,666	19,687,398	19,233,222
Debt Service	1,738,250	1,748,750	1,750,850	1,749,850	1,839,817	1,595,292
Coverage Ratio	13.18	12.52	12.27	11.68	10.70	12.06
Revenues Remaining After Debt Service Payment	$ 21,169,200	$ 20,138,410	$ 19,729,408	$ 18,686,816	$ 17,847,581	$ 17,637,930



(1) Tax assessments are based off MWA 1 and 2(a).
* 2014 is the first year of issuance for the 2014 Certificate of Participation

DWR Debt Service - Loans (Paid off FY14/15)

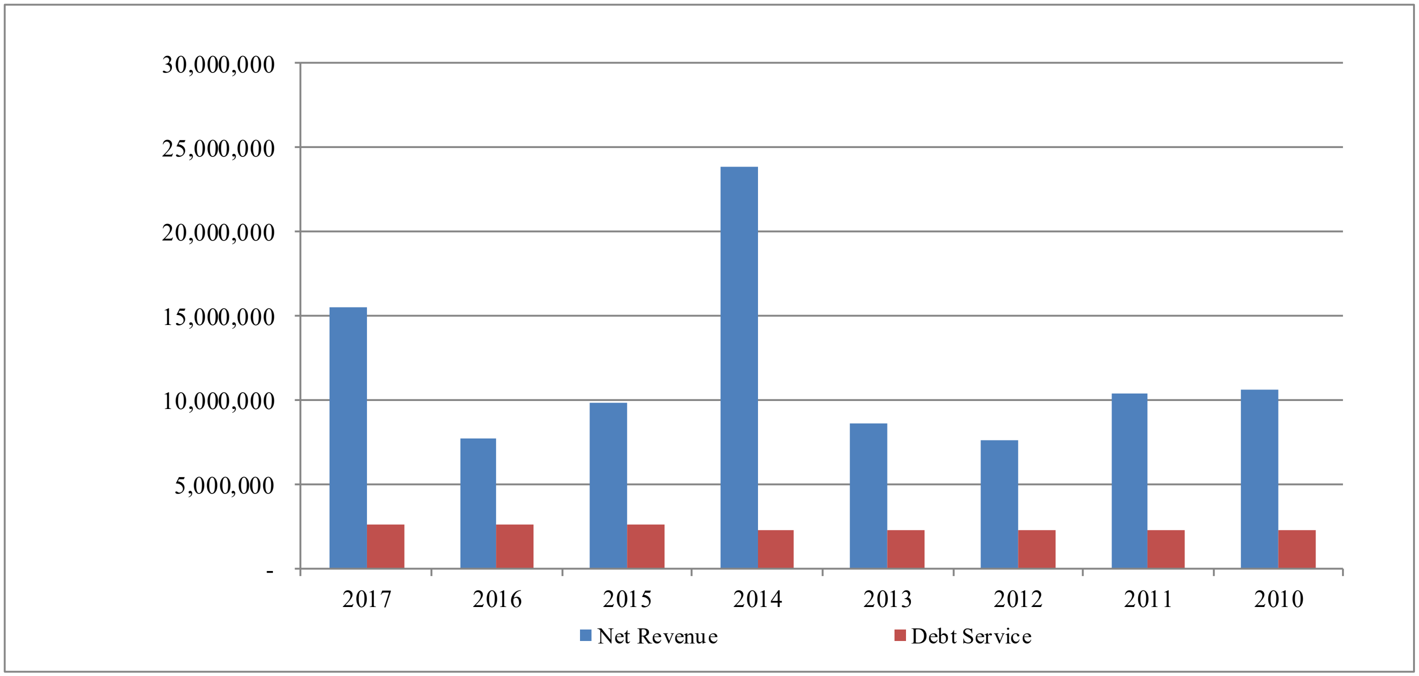
	2015	2014	2013	2012	2011	2010	2009	2008	2007
Revenues:									
Water Sales	$ 3,371,100	$ 6,214,830	$ 4,347,448	$ 5,594,269	$ 4,550,037	$ 7,593,587	$ 7,485,689	$ 10,882,901	$ 6,746,363
General Tax Assessments	1,434,585	1,462,281	1,396,438	1,446,160	1,390,223	1,481,566	1,723,935	1,642,613	1,400,910
Unitary Tax Assessments	2,165,047	1,644,367	1,644,762	1,555,426	1,314,348	1,678,049	2,633,850	2,266,846	2,207,605
Interest	176,010	46,530	81,637	78,276	104,156	486,956	1,395,643	2,013,411	1,098,790
Total Revenue	7,146,742	9,368,008	7,470,286	8,674,131	7,358,764	11,240,158	13,239,116	16,805,771	11,453,668
Debt Service	403,537	807,365	807,365	807,365	807,365	807,365	807,365	808,224	807,365
Coverage Ratio	17.71	11.60	9.25	10.74	9.11	13.92	16.40	20.79	14.19
Revenues Remaining After Debt Service Payment	$ 6,743,205	$ 8,560,643	$ 6,662,921	$ 7,866,766	$ 6,551,399	$ 10,432,793	$ 12,431,751	$ 15,997,548	$ 10,646,303



* The debt service is paid-in-full. The last nine years are shown for historical purposes only.

2009A Certificate of Participation - Table A Water (Advance Refunded in FY17/18)

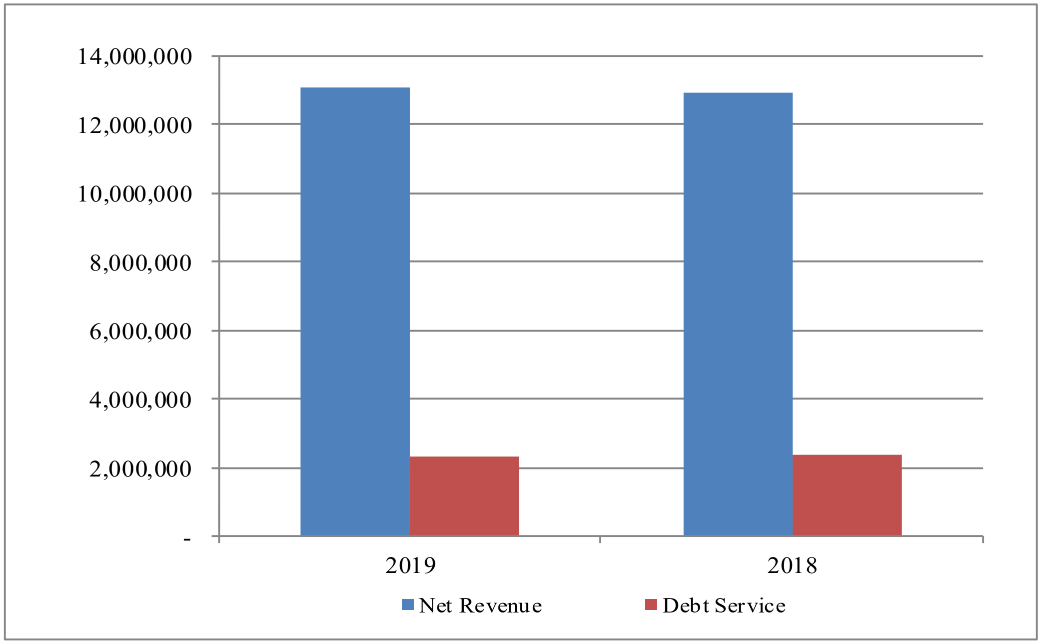
	2017	2016	2015	2014	2013	2012	2011	2010
Revenues:								
Water Sales	$ 10,477,485	$ 3,371,100	$ 6,214,830	$ 20,774,232	$ 5,594,269	$ 4,550,037	$ 7,593,587	$ 7,485,689
General Tax Assessments	1,584,157	1,515,644	1,434,585	1,462,281	1,396,438	1,446,160	1,390,223	1,481,566
Unitary Tax Assessments	3,156,791	2,744,546	2,165,047	1,644,367	1,644,762	1,555,426	1,314,348	1,678,049
Interest	303,547	159,794	35,693	43,817	5,410	34,807	65,527	38,643
Total Revenue	15,521,980	7,791,084	9,850,155	23,924,696	8,640,880	7,586,430	10,363,685	10,683,947
Debt Service	2,599,650	2,597,250	2,598,650	2,297,750	2,296,400	2,299,750	2,298,450	2,297,590
Coverage Ratio	5.97	3.00	3.79	10.41	3.76	3.30	4.51	4.65
Revenues Remaining After Debt Service Payment	$ 12,922,330	$ 5,193,834	$ 7,251,505	$ 21,626,946	$ 6,344,480	$ 5,286,680	$ 8,065,235	$ 8,386,356



* Fiscal year 2010 is the first year of issuance for the 2009 Certificates of Participation.

2017A Refunding Revenue Bonds - Table A Water

	2019	2018
Revenues:		
Water Sales	$ 4,960,927	$ 6,304,965
General Tax Assessments	1,859,118	1,706,329
Unitary Tax Assessments	5,097,369	4,296,680
Interest	1,139,142	639,258
Total Revenue	13,056,556	12,947,232
Debt Service	2,338,400	2,371,631
Coverage Ratio	5.58	5.46
Revenues Remaining After Debt Service Payment	$ 10,718,156	$ 10,575,601



* Fiscal year 2018 is the first year of issuance for the 2017A Refunding Revenue Bonds

Mojave Water Agency
Demographic and Economic Statistics
Last Ten Fiscal Years

County of San Bernardino

Year	Population(1)	Personal Income(1)	Per Capita Personal Income(1)	Median Age(2)	School Enrollment (K-12)(3)	Unemployment Rate(4)
2010	2,041,689	$ 59,850,108	$ 29,314	31.2	417,087	13.5
2011	2,064,663	62,952,683	30,491	31.4	417,057	12.9
2012	2,080,651	64,633,723	31,064	31.7	414,319	11.4
2013	2,093,306	66,321,591	31,683	31.9	412,222	9.8
2014	2,112,619	69,487,877	32,892	32.2	411,670	8.0
2015	2,128,133	75,402,896	35,431	32.5	410,796	6.4
2016	2,140,096	78,830,801	36,835	31.7	408,991	5.8
2017	N/A	N/A	N/A	N/A	406,590	4.9
2018	N/A	N/A	N/A	N/A	405,931 *	4.6
2019	N/A	N/A	N/A	N/A	405,931 *	4.5

(1) Source: https://www.bea.gov/regional/bearfacts/action.cfm?geoType=4&fips=06071&areatype=06071
Bureau of Economic Analysis: Regional Economic Accounts for San Bernardino County. Bureau of Economic Analysis is an agency of the U.S. Department of Commerce. Statistics are available through 2016

(2) Source: http://factfinder.census.gov
U.S. Census Bureau, ACS Demographic and Housing Estimates
2013-2017 American Community Survey 5-Year Estimates for San Bernardino County, CA

(3) Source: http://www.dof.ca.gov/Forecasting/Demographics/Projections/Public_K-12_Graded_Enrollment/
California Department of Finance Demographic Research Unit January 2019 Excludes CEA and special school

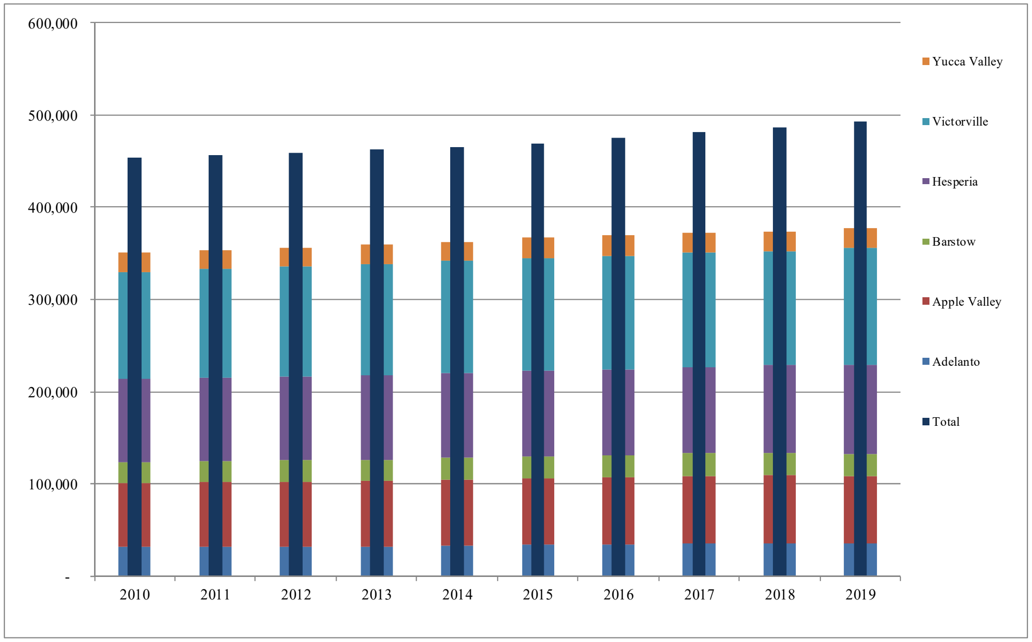
(4) Source: http://www.labormarketinfo.edd.ca.gov/cgi/databrowsing/localAreaProfileQSResults.asp?selectedarea=San+Bernardino+County&selectedindex=36&menuChoice=localAreaPro&state=true&geogArea=0604000071&countyName=
Employment Development Department, Labor Market Information Division.
Rates are annual average through 2019
2019 is the rate as of June 2019.

N/A Information not available for specific date range.

* 2017-2018 School enrollment data is projected.

Population by City [5]

Year	Adelanto	Apple Valley	Barstow	Hesperia	Victorville	Yucca Valley	Unincorporated (6)	TOTAL
2010	31,765	69,135	22,639	90,173	115,903	20,700	103,334	**453,649**
2011	31,538	70,183	22,806	90,572	117,733	20,804	102,557	**456,193**
2012	31,342	70,703	23,244	91,034	119,118	20,990	102,122	**458,553**
2013	31,685	71,171	23,464	91,471	120,717	21,136	102,528	**462,172**
2014	33,067	71,637	23,685	91,753	121,365	21,216	102,556	**465,279**
2015	33,982	72,206	23,977	92,288	122,559	21,556	102,571	**469,139**
2016	34,474	72,744	24,148	92,879	123,233	21,688	105,838	**475,004**
2017	35,295	73,349	24,310	93,590	123,944	21,752	108,701	**480,941**
2018	35,293	73,984	24,411	94,829	123,701	21,834	112,901	**486,953**
2019	35,136	73,464	24,150	96,362	126,543	22,050	115,328	**493,033**



(5) Source: http://www.dof.ca.gov/Forecasting/Demographics/
California Department of Finance Demographic Research Unit, Released on January 1, 2018

(6) Source: 2010-2017 population estimates for the incorporated cities shown are from the CA Department of Finance, Report E-4, released on May 1, 2018. The Unincorporated estimates are derived by using the Beacon Economics population forecast published in December 2015 for the complete MWA service area, less the population estimates shown in the Report E-4 for the incorporated cities located within the MWA service area. The Report E-4 only provides an unincorporated population estimate on a countywide basis, not specific to the MWA service area. Prior to 2010, the estimates are per the 2010 census data.

Mojave Water Agency
Principal Employers
Fiscal Year 2018

Town of Apple Valley - 2018 (1)

Employer	Employees	Rank	Percentage of Total Employment
Apple Valley Unified School District	1,770	1	6.21%
St. Mary Regional Medical Center	1,501	2	5.27%
Wal-Mart Distribution Center	883	3	3.10%
Target Stores	381	4	1.34%
Wal-Mart Stores	227	5	0.80%

City of Victorville - 2016 (3)

Employer	Employees	Rank	Percentage of Total Employment
SCLA	N/A	1	6.55%
Victor Elementary School District	N/A	2	4.21%
Victor Valley Community College District	N/A	3	2.86%
Victor Valley Global Medical Center	N/A	4	2.20%
Desert Valley Medical Group, Inc.	N/A	5	2.18%

City of Hesperia - 2018 (2)

Employer	Employees	Rank	Percentage of Total Employment
Hesperia Unified School District	2,807	1	8.00%
County of San Bernardino	508	2	1.45%
Wal-Mart Supercenter	392	3	1.12%
City of Hesperia	321	4	0.91%
Super Target	319	5	0.91%

Note: Above sites have not been updated for the fiscal year 2019. The most recent data is displayed.

* Source

(1) Town of Apple Valley, 2017-2018 CAFR, pg. 124

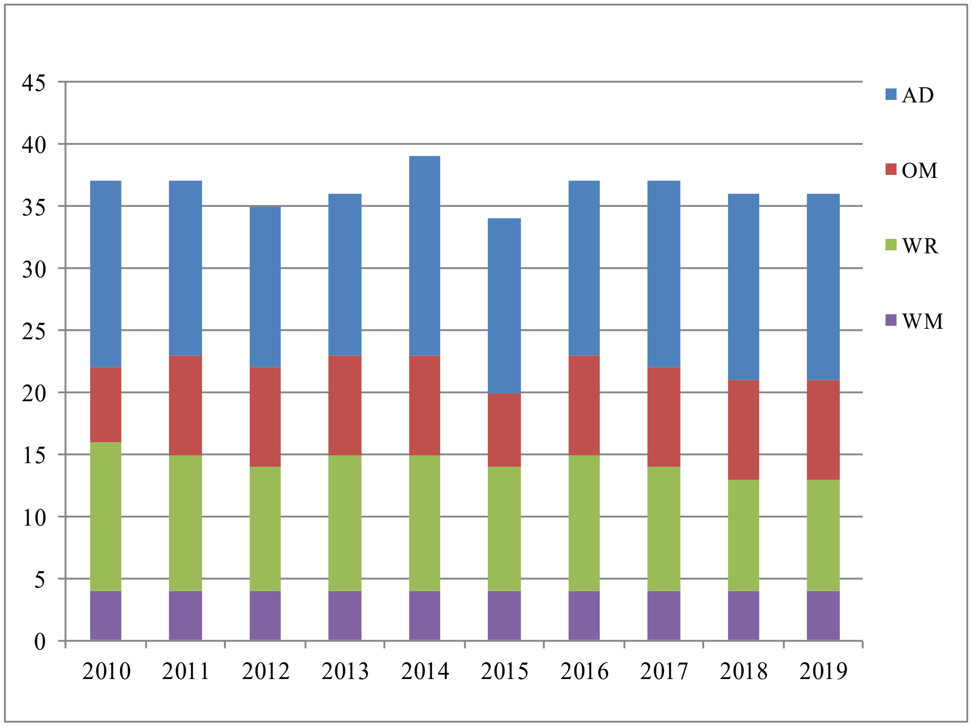
(2) City of Hesperia, 2017-2018 CAFR, pg. 181

(3) City of Victorville, 2015-2016 CAFR, pg. 166

N/A = The City of Victorville did not provide the number of employees per employer, only a percentage of total emplyment. Fiscal Year 2015-2016 was the last year that the City of Victorville tracked this information.

Mojave Water Agency
Full-Time Employees
Last Ten Fiscal Years

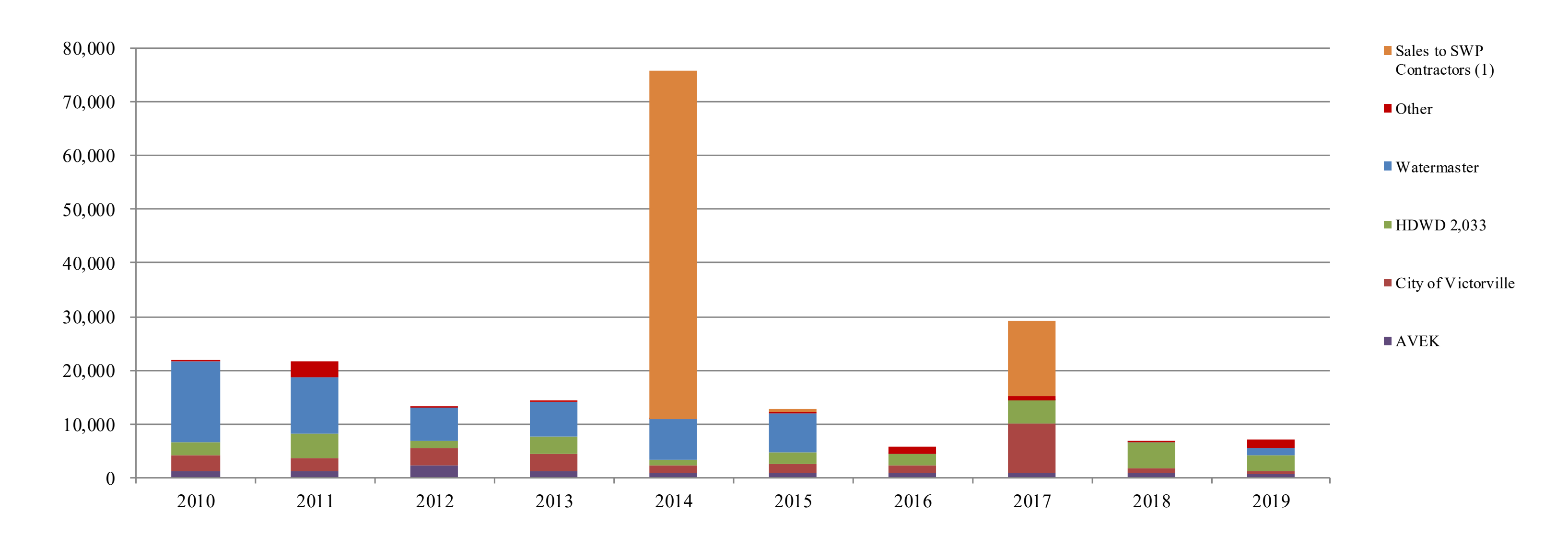
Fiscal Year Ending	Administration	Operations and Maintenance	Water Resources	Watermaster	Total[1]
2010	15	6	12	4	37
2011	14	8	11	4	37
2012	13	8	10	4	35
2013	13	8	11	4	36
2014	16	8	11	4	39
2015	14	6	10	4	34
2016	14	8	11	4	37
2017	15	8	10	4	37
2018	15	8	9	4	36
2019	15	8	9	4	36



(1) Represents actual filled positions, not budgeted or approved.

Mojave Water Agency
Acre Feet of Water Sold
Last Ten Fiscal Years

	Mojave Water Agency Acre-Feet of Water Sold							State Water Project Allocations			
Fiscal Year Ending	AVEK	City of Victorville	HDWD	Watermaster	Other	Sales to SWP Contractors (1)	Total (2)	Table A Amount (3)	%	Acre Feet Allocated (4)	SWP Deliveries (5)
2010	1,171	2,954	2,606	15,056	57	-	21,844	82,800	50%	41,400	18,979
2011	1,268	2,332	4,668	10,491	2,964	-	21,723	82,800	80%	66,240	38,286
2012	2,320	3,277	1,183	6,192	9	-	12,981	82,800	65%	53,820	51,065
2013	1,175	3,206	3,214	6,642	32	-	14,269	82,800	35%	28,980	22,748
2014	1,062	1,337	1,011	7,472	31	64,928	75,841	82,800	5%	4,140	3.611
2015	1,042	1,448	2,277	7,244	372	500	12,883	85,800	20%	17,160	3,961
2016	984	1,319	2,243	41	1,303	-	5,890	85,800	60%	51,480	9,477
2017	973	9,127	4,365	24	653	14,000	29,142	85,800	85%	72,930	24,955
2018	933	739	4,837	134	84	-	6,727	85,800	35%	30,030	32,457
2019	670	500	2,942	1,529	1,509		7,150	85,800	75%	64,350	8,017



(1) Indicates water sales revenue due to sales to other State Water Project Contractors under the Multi-Year Water Pool Demonstration Program; 64,928 AF was sold during FY 2013-14, and 6,000 AF was sold duing FY 2016-2017 under the MYP Sales program. A separate exchange agreement between the Santa Clara Water District and MWA for 8,000AF was approved by DWR in December 2016. A separate exchange agreement between the Central Coast Water Authority and MWA for 5,633 AF was approved by DWR in June 2018.
(2) The amounts differ from the 2014 Official Statement due to the Watermaster sales being recorded on a cash basis rather than accrual within the Official Statement.
(3) Includes Table A entitlement under Berrenda Mesa Agreement and the Dudley Ridge Agreement.
(4) The difference between the Agency's Table A Amount and the SWP allocation reflects reduced deliveries from the SWP.
(5) The difference between deliveries and sales are a result of groundwater recharge and storage by the Agency and sales from the groundwater basin.

Mojave Water Agency

Historical Water Sales Revenue

Last Ten Fiscal Years

Fiscal Year Ending	Sales to Watermaster	Sales to Customers	Sales to SWP Contractors [1]	Total	% Increase (% Decrease)
2010	$ 4,004,750	$ 3,480,939	$ -	$ 7,485,689	(13.4)
2011	2,713,246	4,880,341	-	7,593,587	1.4
2012	1,536,618	3,013,419	-	4,550,037	(40.1)
2013	2,163,105	3,431,163	-	5,594,268	22.9
2014	1,836,425	2,511,022	16,426,784	20,774,231	271.3
2015	2,306,756	3,908,074	200,000	6,414,830	(69.1)
2016	179,730	3,191,370	-	3,371,100	(47.4)
2017	12,360	8,037,125	2,428,000	10,477,485	210.8
2018	74,504	4,427,901	1,802,560	6,304,965	(39.8)
2019	883,762	4,077,165	-	4,960,927	(21.3)

(1) Indicates water sales revenue due to sales to other State Water Project Contractors under the Multi-Year Water Pool Demonstration Program.

Source: Mojave Water Agency

Mojave Water Agency
Capital Asset Statistics
Last Ten Fiscal Years

Function	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Trans/ Distr Facility	$ 193,270,055	$ 193,264,011	$ 193,128,281	$ 193,128,281	$ 192,540,759	$ 192,540,769	$ 191,434,934	$ 139,386,544	$ 138,927,935	$ 138,866,044
Monitoring Wells	20,190,868	20,190,868	20,190,868	20,190,868	20,190,868	20,190,868	20,190,868	4,615,017	3,607,182	2,222,185
Trucks & Autos	854,741	863,301	629,712	664,503	680,978	777,047	874,720	848,025	809,705	739,015
Furniture & Fixtures	-	-	-	-	-	-	8,631	10,653	10,653	274,614
Equipment	914,473	893,219	504,708	367,418	404,564	343,090	173,880	578,727	578,727	805,511
Computer Hardware	2,820,768	2,670,454	2,469,301	2,454,233	2,286,571	2,306,573	2,659,592	2,752,292	2,301,939	3,073,882
Building	16,682,345	16,682,346	16,682,345	16,409,074	16,409,074	16,409,074	12,857,220	12,507,424	12,181,131	1,821,395
Leasehold Improvements	-	-	-	-	-	-	-	42,197	42,197	42,197
Total	**$ 234,733,250**	**$ 234,564,199**	**$ 233,605,215**	**$ 233,214,377**	**$ 232,512,814**	**$ 232,567,421**	**$ 228,199,845**	**$ 160,740,879**	**$ 158,459,469**	**$ 147,844,843**

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Report on Internal Controls and Compliance

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REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

Independent Auditor's Report

Board of Directors
Mojave Water Agency
Apple Valley, California

We have audited, 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, the financial statements of the Mojave Water Agency (the Agency) as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the Agency's basic financial statements, and have issued our report thereon dated October 22, 2019.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Agency's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Agency's internal control. Accordingly, we do not express an opinion on the effectiveness of the Agency's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Agency's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards.*

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Rogers, Anderson, Malody & Scott, LLP.

San Bernardino, California
October 22, 2019