

San Dieguito Water District

Encinitas, California

Basic Financial Statements

For the Year Ended June 30, 2019

San Dieguito Water District

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FINANCIAL

SECTION



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Independent Auditor's Report

Board of Directors
San Dieguito Water District
Encinitas, California

Report on the Financial Statements

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

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

Our responsibility is to express an opinion on the financial statements based on our audit. We did not audit the financial statements of the Santa Fe Irrigation District, investment in joint venture, which represents 31 percent of total assets and nine percent of total expenses as of June 30, 2019. Those statements were audited by other auditors whose report has been furnished to us, and our opinion, insofar as it relates to the amounts included for that investment in joint venture, is based solely on the report of the other auditors. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

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

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

Opinion

In our opinion, based on our audit and the report of other auditors, the financial statements referred to above present fairly, in all material respects, the respective financial information of the San Dieguito Water District as of June 30, 2019, and the respective 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.

Report on Summarized Comparative Information

The financial statements of San Dieguito Water District for the year ended June 30, 2018 were previously audited by other auditors whose report is dated December 27, 2018, in which they expressed an unmodified opinion on those financial statements. 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.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the *management's discussion and analysis, Schedule of Proportionate Share of the Net Pension Liability and Related Ratios, Schedule of Contributions, Schedule of Changes in Net OPEB Liability and Related Ratios, and Schedule of Contributions - OPEB* 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 an opinion on the financial statements that collectively comprise San Dieguito Water District's basic financial statements. The *statistical section* is presented for purposes of additional analysis and is not a required part of the basic financial statements. The *statistical section* has 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 them.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated December 9, 2019 on our consideration of the San Dieguito Water District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering San Dieguito Water District's internal control over financial reporting and compliance.

A handwritten signature in blue ink that reads "Davis Fan" followed by a stylized flourish.

Irvine, California
December 9, 2019

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San Dieguito Water District
Management's Discussion & Analysis
(Unaudited)

This section of the San Dieguito Water District (the "District") *Annual Financial Report* presents **Management's Discussion and Analysis** of the District's financial position and performance for Fiscal Year 2018-19. Please read it in conjunction with the District's *Basic Financial Statements*, which include explanatory footnotes and required supplementary information.

FINANCIAL HIGHLIGHTS

Table 1
Summarized Statement of Net Position
(Millions of Dollars)

(In Millions)	Fiscal Year 2019	Fiscal Year 2018	Dollar Change	Percent Change
Current assets	\$ 21.9	\$ 18.6	\$ 3.3	17.7%
Investments in joint ventures	20.6	21.8	(1.2)	(5.5%)
Capital assets (net)	23.3	23.7	(0.4)	(1.7%)
Total assets	65.8	64.1	1.7	2.7%
Deferred outflows	1.5	2.2	(0.7)	(31.8%)
Current liabilities	1.7	1.5	0.2	13.3%
Current portion of long-term debt	1.1	1.1	-	-
Net pension liability	7.1	7.1	-	-
Net OPEB liability	0.3	0.3	-	-
Long-term debt	6.1	7.3	(1.2)	(16.4%)
Total liabilities	16.3	17.3	(1.0)	(5.6%)
Deferred inflows	0.4	0.4	-	0.0%
Net Position:				
Net investment in capital assets	16.1	15.3	0.8	5.2%
Unrestricted	34.4	33.3	1.1	3.3%
Total Net Position	\$ 50.5	\$ 48.6	\$ 1.9	3.9%

The District's net position increased \$1.9 million, 3.9 percent, from 2018 to 2019. The majority of the increase is due to an increase in cash and investments. The District had positive cash flows from operations in 2019, after factoring in debt service principal and interest payments of \$1.4 million. Rates had minor impact on the net position as the latest rate increase went into effect May 1, 2019 after approval by the Board on April 17, 2019. There was no rate increase in 2018.

San Dieguito Water District
Management's Discussion & Analysis (Continued)
(Unaudited)

Changes in Net Position are affected by revenues and operating expenses as summarized in **Table 2**.

Table 2
Summarized Statement of Revenues, Expenses and Changes in Net Position
(Millions of Dollars)

	Fiscal Year 2019	Fiscal Year 2018	Dollar Change	Percent Change
Operating revenues	\$ 15.9	\$ 17.0	\$ (1.1)	(6.5%)
Operating expenses:				
Source of supply	5.9	5.0	0.9	18.0%
General operations & maintenance	5.3	5.3	-	-
Facility operations & maintenance	2.2	2.2	-	-
General and administrative	0.7	0.6	0.1	16.7%
Depreciation	0.8	0.7	0.1	14.3%
Total operating expenses	14.9	13.8	1.1	8.0%
Operating income	1.0	3.2	(2.2)	(68.9%)
Nonoperating revenues	2.4	1.2	1.2	100.0%
Nonoperating (expenses)	(1.7)	(1.5)	(0.2)	(13.3%)
Income before transfers and capital contributions	1.7	2.9	(1.2)	(41.4%)
Capital contributions	0.3	0.3	-	-
Change in net position	1.9	3.2	(1.3)	(40.6%)
Net position, beginning	48.6	45.4	3.2	7.0%
Net position, ending	\$ 50.5	\$ 48.6	\$ 1.9	3.9%

Revenues – Operating revenues decreased \$1.1 million from 2018 to 2019 due to lower potable water and recycled water sales. Non-operating revenues increased \$1.2 million from 2018 to 2019 mainly due to the sale of the Cambridge Yard property and higher than anticipated investment earnings from recording an unrealized gain on investments.

Expenses – Operating expenses increased \$1.1 million from 2018 to 2019 mainly due to an increase in source of supplies.

Capital contributions remained flat from 2018 to 2019 due to low levels of development activity within the District.

San Dieguito Water District
Management's Discussion & Analysis (Continued)
(Unaudited)

CAPITAL ASSETS AND CAPITAL IMPROVEMENT PROGRAMS

The District has an ongoing capital improvement program and publishes a capital budget every year. The capital budget includes funding for both infrastructure and various large consulting projects, such as capital master plans and water rate studies. The District generally capitalizes infrastructure and expenses consulting studies in the accompanying Basic Financial Statements.

Capital expenses for infrastructure are accounted for in the accompanying financial statements either as: (1) additions to *Capital Assets*, or (2) additions to *Investments in Joint Ventures*.

Additions to *Capital Assets* which is primarily the replacement or improvements to the water distribution system and purchases of vehicles and equipment, increased approximately \$0.4 million. The District also capitalized approximately \$ 0.2 million of capital improvement costs paid towards the R.E. Badger Joint Facilities.

The overall budget of the District for capital improvements averages about \$3.1 million per year over the next seven years.

Table 3
Capital Assets, Net of Accumulated Depreciation
(Millions of Dollars)

	2019	2018
Land easements	\$ 3.4	\$ 3.3
Public works facility right-of-use	3.4	3.4
Construction in progress	0.2	0.8
Capacity rights	0.2	0.2
Utility, plant and equipment	16.1	16.0
Total	<u>\$ 23.3</u>	<u>\$ 23.7</u>

**San Dieguito Water District
Management's Discussion & Analysis (Continued)
(Unaudited)**

DEBT ADMINISTRATION

**Table 4
Long-Term Debt**

The District's total long-term debt outstanding at June 30 consisted of:

	<u>2019</u>	<u>2018</u>
2007 Note Payable to R.E. Badger Water Facilities Financing Authority	\$ 3,345,000	\$ 3,820,000
2014 Water Revenue Refunding Bonds	3,485,000	4,110,000
add: original issue premium	<u>371,858</u>	<u>446,231</u>
Total	<u>\$ 7,201,858</u>	<u>\$ 8,376,231</u>

On September 18, 2014, the District issued \$5,870,000 of Water Revenue Refunding Bonds, Series 2014. The Series 2014 bonds redeemed all of the District's outstanding 2004 Water Revenue Refunding Bonds remaining of \$8,110,000, which were themselves a refunding of the District's original 1993 Water Revenue Bonds. The 2014 refunding resulted in saving the District approximately \$250,000 annually in debt service costs, due to lower market interest rates and the elimination of a reserve previously required on the 2004 bonds. Interest is due and payable semi-annually at rates ranging from three percent to four percent.

On November 20, 2007, the Authority issued \$20,685,000 of 2007 Water Refunding Bonds while concurrently redeeming all of its outstanding 1999 Water Revenue Bonds, on behalf of its member agencies, the Santa Fe Irrigation District and the San Dieguito Water District. The transaction was a current refunding intended to save the member agencies future interest costs due to lower market interest rates. No new funds were raised by either agency. New Installation Purchase Agreements were executed, which saves the District approximately \$60,000 per year on debt service.

The debt service payments on these two obligations will total approximately \$1.4 million annually. The District has covenanted to maintain debt service coverage of at least 115 percent of net revenues available for debt service each fiscal year. The District was in compliance with its debt service coverage requirement for the FY 2018-19.

The District does not currently have plans to issue additional debt.

San Dieguito Water District
Management's Discussion & Analysis (Continued)
(Unaudited)

ECONOMIC FACTORS AND NEXT YEAR'S BUDGETS AND RATES

On June 28, 2017, the District Board of Directors (Board) approved a two-year operating and capital budget for FY 2017-18 and FY 2018-19. During the two-year budget cycle, funds are appropriated in the first fiscal year only and then the District returns to the Board one year later to present its "second-year revised" budget, which is revised based on changed assumptions to the originally published figures for the second year.

On June 20, 2018, the Board approved the FY 2018-19 operating and capital "second-year revised" budget. The operating budget anticipates total revenues of \$18.6 million, which is an overall increase of \$0.4 million over the prior year. On April 17, 2019, the Board approved modifying the District's water rates and meter service charges. This action approved an overall revenue increase from rates and charges of 6.5 percent on May 1, 2019 and another 6.5 percent overall rate and charge increase on May 1, 2020. Another water rate study is scheduled to occur in 2021, which may result in new water rate and charge increases in 2021. Operating expenses for FY 2019-20 are budgeted at \$16.3 million or approximately \$1.4 million higher than the prior year. The increase is largely due to the increased cost of water. The Board also approved a modest two percent increase in salaries and benefits in Fiscal Year 2019-20.

The capital budget anticipates capital costs at \$2.7 million, which is on par with the average for the next seven years. This includes \$980,000 for District capital improvements and \$1.75 million for capital contributions to the R.E. Badger Joint Facilities.

Like many other water agencies, the District faces numerous challenges during the budget cycle. These include continued commitments to capital improvements to both District and Joint Facilities, and the sizeable short- and long-term investments to ensure system reliability and the safety of the water served to customers. Other budgeting challenges include the uncertainty of the amount local supply and the ever-increasing costs of wholesale water. These, as well as other factors impact the water purchase budget, which is the single largest expense category for the District.

CONTACTING THE DISTRICT'S FINANCIAL MANAGEMENT

If you have questions about this report or need additional information, please contact the City of Encinitas Finance Department or the San Dieguito Water District General Manager's office.

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BASIC FINANCIAL

STATEMENTS



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San Dieguito Water District
Statement of Net Position
June 30, 2019
(with summarized comparative information for the prior year)

	<u>2019</u>	<u>2018</u>
ASSETS		
Current assets:		
Cash and investments (note 3)	\$ 19,427,472	\$ 16,103,120
Restricted cash and investments with fiscal agent (note 3)	198	156
Accounts receivables, net	2,213,247	2,308,598
Inventories and prepaid	236,956	237,791
Total current assets	<u>21,877,873</u>	<u>18,649,665</u>
Noncurrent assets:		
Investments in joint ventures (note 4)	20,635,205	21,810,960
Capital assets, net (note 5)	23,264,801	23,687,954
Total noncurrent assets	<u>43,900,006</u>	<u>45,498,914</u>
Total assets	<u>65,777,879</u>	<u>64,148,579</u>
DEFERRED OUTFLOWS OF RESOURCES		
OPEB related items (note 10)	66,983	53,291
Pension related items (note 9)	1,453,178	2,148,106
Total deferred outflows of resources	<u>1,520,161</u>	<u>2,201,397</u>
LIABILITIES		
Current liabilities:		
Accounts payable and accrued liabilities	1,048,858	851,121
Accrued interest payable	77,125	86,465
Deposits	519,981	402,300
Compensated absences - due within one year (note 6)	81,046	73,807
Long-term debt - due within one year (note 7)	1,135,000	1,100,000
Total current liabilities	<u>2,862,010</u>	<u>2,513,693</u>
Noncurrent liabilities:		
Compensated absences - due more than one year (note 6)	66,491	54,236
Long-term debt - due in more than one year (note 7)	6,066,858	7,276,231
Net OPEB liability (note 10)	287,106	315,665
Net pension liability (note 9)	7,073,051	7,141,232
Total noncurrent liabilities	<u>13,493,506</u>	<u>14,787,364</u>
Total liabilities	<u>16,355,516</u>	<u>17,301,057</u>
DEFERRED INFLOWS OF RESOURCES		
OPEB related items (note 10)	9,295	7,074
Pension related items (note 9)	423,157	447,916
Total deferred inflows of resources	<u>432,452</u>	<u>454,990</u>
NET POSITION		
Net investment in capital assets	16,062,943	15,311,723
Restricted	198	156
Unrestricted	34,446,931	33,282,050
Total net position	<u>\$ 50,510,072</u>	<u>\$ 48,593,929</u>

See accompanying Notes to the Financial Statements

San Dieguito Water District
Statement of Revenues, Expenses, and Changes in Net Position
For the Year Ended June 30, 2019
(with summarized comparative information for the prior year)

	<u>2019</u>	<u>2018</u>
OPERATING REVENUES		
Charges for services	\$ 15,662,658	\$ 16,791,403
Rental income	112,108	109,229
Interfund revenues	64,932	61,329
Other revenue	16,002	63,493
Total operating revenues	<u>15,855,700</u>	<u>17,025,454</u>
OPERATING EXPENSES		
Source of supply	5,900,120	5,029,043
General operations and maintenance	5,322,770	5,208,840
Facility operations and maintenance	2,239,714	2,266,216
General and administrative	604,333	527,197
Depreciation	831,957	703,955
Insurance and claims	47,620	65,037
Total operating expenses	<u>14,946,514</u>	<u>13,800,288</u>
NET OPERATING INCOME (LOSS)	909,186	3,225,166
NONOPERATING REVENUES (EXPENSES)		
Property taxes	1,110,248	1,030,168
Investment earnings	582,926	53,880
Gain on sale of capital assets	614,324	8,285
Increase (decrease) in investment in joint ventures	(1,376,819)	(1,144,958)
Amortization of bond premium	74,373	74,372
Interest expense	(292,354)	(328,051)
Total nonoperating revenues (expenses)	<u>712,698</u>	<u>(306,304)</u>
INCOME BEFORE CAPITAL CONTRIBUTIONS	1,621,884	2,918,862
CAPITAL CONTRIBUTIONS		
Contribution of capital assets:		
Donations	188,659	-
Easements	-	38,253
Connection fees	105,600	194,040
Total capital contributions	<u>294,259</u>	<u>232,293</u>
CHANGES IN NET POSITION	1,916,143	3,151,155
NET POSITION:		
Beginning of year	48,593,929	45,442,774
End of year	<u>\$ 50,510,072</u>	<u>\$ 48,593,929</u>

See accompanying Notes to the Financial Statements

San Dieguito Water District
Statement of Cash Flows
For the Year Ended June 30, 2019
(with summarized comparative information for the prior year)

	<u>2019</u>	<u>2018</u>
Cash flows from operating activities:		
Receipts from users	\$ 15,870,117	\$ 16,835,193
Receipts from interfund charges	64,932	61,329
Payments to employees	(1,983,301)	(2,521,763)
Payments to suppliers for goods and services	(11,233,551)	(10,354,446)
Other operating revenues	16,002	63,493
Net cash provided by operating activities	<u>2,734,199</u>	<u>4,083,806</u>
Cash flows from noncapital financing activities:		
Receipts from property taxes	1,110,248	1,030,168
Net cash provided by noncapital financing activities	<u>1,110,248</u>	<u>1,030,168</u>
Cash flows from capital and related financing activities:		
Acquisition of capital assets	(220,145)	(1,169,352)
Capital contributions	105,600	232,293
Principal payments on bonds and note payable	(1,100,000)	(1,060,000)
Interest payments on bonds and note payable	(301,694)	(338,843)
Capital related payments to R.E. Badger Filtration Plant	(201,064)	(408,672)
Proceeds from sale of capital assets	614,324	8,285
Net cash (used in) capital and related financing activities	<u>(1,102,979)</u>	<u>(2,736,289)</u>
Cash flows from investing activities:		
Investment income received	582,926	53,880
Net cash provided by investing activities	<u>582,926</u>	<u>53,880</u>
Net increase (decrease) in cash and cash equivalents	3,324,394	2,431,565
Cash and cash equivalents, beginning of year	<u>16,103,276</u>	<u>13,671,711</u>
Cash and cash equivalents, end of year	<u>\$ 19,427,670</u>	<u>\$ 16,103,276</u>
Reconciliation of cash and cash equivalents to the Statements of Net Position:		
Current assets:		
Cash and investments	\$ 19,427,472	\$ 16,103,120
Restricted cash and investments with fiscal agent	198	156
Total cash and cash equivalents	<u>\$ 19,427,670</u>	<u>\$ 16,103,276</u>

See accompanying Notes to the Financial Statements

San Dieguito Water District
Statement of Cash Flows (Continued)
(with summarized comparative information for the prior year)

	<u>2019</u>	<u>2018</u>
Reconciliation of operating income to net cash provided by operating activities:		
Operating income	\$ 909,186	\$ 3,225,166
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation	831,957	703,955
Changes in operating assets, deferred outflows of resources, liabilities, and deferred inflows of resources:		
Accounts receivable	95,351	(65,439)
Inventory and prepaid items	835	(16,403)
OPEB related deferred outflows of resources	(13,692)	10,037
Pension related deferred outflows of resources	694,928	(608,060)
Accounts payable and accrued liabilities	197,737	(338,499)
Deposits	117,681	104,105
Compensated absences	19,494	(34,802)
Net OPEB liability	(28,559)	(35,473)
Net pension liability	(68,181)	852,601
OPEB-related deferred inflows	2,221	7,074
Pension-related deferred inflows	<u>(24,759)</u>	<u>279,544</u>
Net cash provided by operating activities	<u>\$ 2,734,199</u>	<u>\$ 4,083,806</u>
Noncash capital and related financing activities:		
Amortization of original issue premium	\$ 74,373	\$ 74,372
Donation of capital assets	<u>188,659</u>	<u>38,253</u>
Total noncash capital and related financing activities	<u>\$ 263,032</u>	<u>\$ 112,625</u>

See accompanying Notes to the Financial Statements

San Dieguito Water District

Notes to the Financial Statements

For the Year Ended June 30, 2019

Note 1 – Reporting Entity

San Dieguito Water District (the “District”) was formed in 1922 under the laws of the State of California to supply irrigation and potable water services to the central western portion of San Diego County. The District became a subsidiary district of the City of Encinitas, California (the “City”) on October 1, 1986, pursuant to an election approving the San Dieguito Reorganization and the incorporation of the City. The District is considered a component unit of the City, based on the provisions of Governmental Accounting Standards Board (“GASB”) Statement No. 61, *The Financial Reporting Entity: Omnibus - An Amendment of GASB Statement No. 14 and No. 34*.

Note 2 – Summary of Significant Accounting Policies

Basis of Presentation

Financial statement presentation follows the recommendations promulgated by the Governmental Accounting Standards Board (“GASB”) commonly referred to as accounting principles generally accepted in the United States of America (“U.S. GAAP”). GASB is the accepted standard-setting body for establishing governmental accounting and financial reporting standards.

Measurement Focus, Basis of Accounting and Financial Statements Presentation

The Financial Statements (i.e., the statement of net position, the statement of revenues, expenses and changes in net position, and statement of cash flows) report information on all of the activities of the District.

The Financial Statements are reported using the “*economic resources*” measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Interest associated with the current fiscal period is considered to be susceptible to accrual and so has been recognized as revenue of the current fiscal period.

The Statement of Net Position reports separate sections for Deferred Outflows of Resources, and Deferred Inflows of Resources, when applicable.

Deferred Outflows of Resources represent outflows of resources (consumption of net position) that apply to future periods and that, therefore, will not be recognized as an expense until that time. The District reports deferred outflows related to pensions and OPEB in this category.

Deferred Inflows of Resources represent inflows of resources (acquisition of net position) that apply to future periods and that, therefore, are not recognized as revenue until that time. The District reports deferred inflows related to pensions and OPEB in this category.

Operating revenues are those revenues that are generated from the primary operations of the District. The District reports a measure of operations by presenting the change in net position from operations as “operating income” in the statement of revenues, expenses, and changes in net position. Operating activities are defined by the District as all activities other than financing and investing activities (interest expense and investment income), and other infrequently occurring transactions of a non-operating nature. Operating expenses are those expenses that are essential to the primary operations of the District. All other expenses are reported as non-operating expenses.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 2 – Summary of Significant Accounting Policies (Continued)

Cash and Investments

Cash and cash equivalents include all highly liquid investments with original maturities of 90 days or less and are carried at cost, which approximates fair value. The majority of the District's cash and investments is invested in the City's pooled investment fund (the "City Pool"). The District does not own any specifically identifiable securities or investments in the City Pool. As a participant in the City Pool, the District has rights to its ratable share of the pooled cash and investments in the City Pool, on a dollar-for-dollar basis. The District's ratable share of investment income from the City Pool is calculated and distributed on a monthly basis. Investment income is reported as non-operating revenue in the Statement of Revenues, Expenses, and Changes in Net Position. Since all amounts invested in the City Pool are available upon demand, the District considers all amounts invested in the City Pool to be cash equivalents.

Restricted Cash and Investments

Cash and investments with fiscal agents are restricted due to limitations on their use by bond covenants or donor limitations. Fiscal agents acting on behalf of the District hold investment funds arising from the proceeds of long-term debt issuances. The funds may be used for specific capital outlays or for the payment of certain bonds and have been invested only as permitted by specific State statutes or applicable District ordinance, resolution or bond indenture.

Fair Value Measurement

U.S. GAAP defines fair value, establishes a framework for measuring fair value and establishes disclosures about fair value measurement. Investments, unless otherwise specified, recorded at fair value in the Statements of Net Position, are categorized based upon the level of judgment associated with the inputs used to measure their fair value. Levels of inputs are as follows:

Level 1 – Inputs are unadjusted, quoted prices for identical assets and liabilities in active markets at the measurement date.

Level 2 – Inputs, other than quoted prices included in Level 1, which are observable for the asset or liability through corroboration with market data at the measurement date.

Level 3 – Unobservable inputs that reflect management's best estimate of what market participants would use in pricing the asset or liability at the measurement date.

Receivables and Unbilled Revenues

Customer accounts receivable consist of amounts owed by private individuals and organizations for services rendered in the regular course of business operations. Receivables are shown net of allowances for doubtful accounts, if any. The District also accrues an estimated amount for services that have been provided, but not yet billed. Federal and State grants accrued as revenue when all eligibility requirements have been met. Amounts earned but outstanding at year end are reported as accounts receivable.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 2 – Summary of Significant Accounting Policies (Continued)

Inventory of Materials

Inventories consist primarily of materials used in the construction and repair of the District's plant and equipment and on-site supplies such as water meters. Inventory is stated at cost using average-cost basis.

Investment in R.E. Badger Filtration Plant (the "Joint Facilities")

The District's investment in the *Joint Facilities* is accounted for using the equity method of accounting. The District makes periodic contributions to cover its share of capital and operating costs. Contributions for capital are accounted for as an increase in the District's investment account. Contributions for operations are accounted for as *operating expenses* under the classification: facility operations and maintenance. Depreciation expense on plant operations that is charged to the District is accounted for as an operating expense.

Investment in R.E. Badger Water Facilities Financing Authority (the "Financing Authority")

The District's investment in the *Financing Authority* is accounted for using the equity method of accounting. The equity interest is comprised primarily of bond reserve funds held by a fiscal agent and unamortized bond discounts. Changes in the investment account result primarily from interest revenues on reserve funds and amortization expense on the bond discounts. These items are classified as *non-operating revenues and expenses* in the accompanying Statement of Revenues, Expenses, and Changes in Net Position.

Capital Assets

Capital assets consist of land easements, the perpetual right-of-use of the City's Public Works facility, structure and improvements, machinery and equipment, distribution system, and capacity rights. Capital assets are valued at historical cost, or estimated historical cost, if actual historical cost was not available. Donated capital assets are valued at acquisition value. The District policy has set the capitalization threshold for reporting capital assets at \$5,000 for non-infrastructure assets and \$100,000 for infrastructure assets, all of which must have an estimated useful life in excess of one year. Depreciation is recorded on a straight-line basis over estimated useful lives of the assets as follows:

Structures and improvements	20-45 years
Equipment, machinery and vehicles	5-20 years
Collection and distribution system	50 years
Capacity rights	50 years

Major outlays for capital assets are capitalized as projects, once constructed, and repairs and maintenance costs are expensed.

Deposits

Deposits consist of cash amounts that the District has collected from customers related to on-going construction work being performed by the applicant. It can be a "job deposit," which is an amount collected to cover the expected costs to the District related to the project, or a "security deposit" meant to help guarantee that the work required of the applicant will be completed to the satisfaction of the District.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 2 – Summary of Significant Accounting Policies (Continued)

Compensated Absences

The District's policy permits its employees to accumulate not more than two times their current annual vacation. The District participates in the City's short-term disability income protection plan (IPP) Program which provides employees with protection against loss of income due to illness or disability. Employees do not earn any number of hours of sick leave and thus, no provision has been made for sick leave liability under the account for compensated absences. The unused vacation pay will be paid to the employee or his/her beneficiary upon leaving the District's employment. The amount due will be determined using salary/wage rate in effect at the time of separation.

Long-Term Debt

Debt premiums and discounts are deferred and amortized over the life of the debt using the straight-line method. Long-term debt is reported net of the applicable bond premium or discount. Debt issuance costs are expensed when incurred.

Pensions

For purposes of measuring the net pension liability at June 30, 2019, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the plans and additions to/deductions from the plans' fiduciary net position have been determined on the same basis as they are reported by the plans (Note 9). For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with benefit terms. Investments are reported at fair value.

The following timeframes are used for pension reporting:

For the Year Ended	June 30, 2019
Valuation Date	June 30, 2017
Measurement Date	June 30, 2018
Measurement Period	July 1, 2017 to June 30, 2018

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 District Retiree Benefits Plan ("OPEB Plan") and additions to/deductions from OPEB Plan's fiduciary net position have been determined on the same basis as they are reported by the OPEB Plan. For this purpose, the OPEB Plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments, which are reported at amortized cost.

The following timeframes are used for OPEB reporting:

For the Year Ended	June 30, 2019
Valuation Date	June 30, 2017
Measurement Date	June 30, 2018
Measurement Period	July 1, 2017 to June 30, 2018

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San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 2 – Summary of Significant Accounting Policies (Continued)

Net Position

Net position represents the difference between all other elements in the statement of net position and should be displayed in the following three components:

Net Investment in Capital Assets – This component of net position consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of debt that are attributable to 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 is the amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of net investment in capital assets or the restricted component of net position.

Property Taxes

Property taxes are levied on March 1 and are payable in two installments: November 1 and February 1 of each year. Property taxes become delinquent on December 10 and April 10, for the first and second installments, respectively. The lien date is March 1. The County of San Diego, California ("County") bills and collects property taxes and remits them to the District according to a payment schedule established by the County.

The County is permitted by State law to levy on properties at one percent of full market value (at time of purchase). The District receives the current year's taxes through periodic apportionments.

Property taxes are recognized in the fiscal year for which the taxes have been levied.

Use of Restricted/Unrestricted Assets

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

Use of Estimates

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

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 2 – Summary of Significant Accounting Policies (Continued)

Prior Year Summarized Comparative Information

Selected information regarding the prior year has been included in the accompanying financial statements. This information has been included for comparison purposes only and does not represent a complete presentation in accordance with generally accepted accounting principles. Accordingly, such information should be read in conjunction with the government's prior year financial statement, from which this selected financial data was derived.

Note 3 – Cash and Investments

At June 30, 2019, cash and investments are reported in the accompanying statement of net position as follows:

Cash and investments	\$ 19,427,472
Cash and investments with fiscal agent	<u>198</u>
Total cash and investments	<u><u>\$ 19,427,670</u></u>

At June 30, 2019, cash and investments are reported at fair value based on quoted market prices. The following table presents the fair value measurements of investments recognized in the accompanying statement of net position measured at fair value on a recurring basis and the level within the fair value hierarchy in which the fair value measurements fall at June 30, 2019:

	Fair Value	Measurement Input
Cash on hand	\$ 300	Uncategorized
City of Encinitas pooled investments fund	19,427,172	Uncategorized
Money market mutual funds	<u>198</u>	Uncategorized
Total cash and investments	<u><u>\$ 19,427,670</u></u>	

Authorized Investments

The District's investments are managed by the City. All of the District's cash, except investments held by fiscal agents, are invested in the City Pool. The District has an equity interest in the City Pool equal to its proportionate share of invested cash. The District does not have a separate investment policy; its cash is invested according to the City of Encinitas' adopted investment policy.

The table below identifies the allowable investment types authorized by the California Government Code (the "Gov't Code") and the City's adopted Investment Policy (the "Investment Policy"). The table also identifies certain restrictions related to interest rate risk and concentration of credit risk. The Investment Policy restricts the City Treasurer to investing in only the types of investments listed herein, which is more restrictive than the Gov't Code, as the City's policy does not allow certain investments to be purchased which are permitted under the Gov't Code.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 3 – Cash and Investments

Authorized Investments (Continued)

Authorized Investment Type	Authorized by Investment Policy	Maximum Maturity	Maximum Percentage of Portfolio	Maximum Investment in One Issuer
Repurchased Agreements-Overnight "Sweep"	Yes	1 year	20%	No Limit
Local Agency Investment Fund (LAIF)	Yes	N/A	30%	State Law Maximum
Other Governmental Managed Investment Pools	Yes	N/A	30%	10% per pool
Money Market Mutual Funds	Yes	N/A	20%	10%
Certificates of Deposit	Yes	1 year	10%	5%
Negotiable Certificates of Deposit	Yes	5 years	10%	5%
Bankers' Acceptances	Yes	180 days	10%	5%
U.S. Treasury Bills, Notes and Bonds	Yes	5 years	50%	No Limit
U.S. Government Sponsored Enterprises	Yes	5 years	60%	25%
Commercial Paper	Yes	270 days	25%	5%
Commercial Medium-Term Notes	Yes	5 years	15%	5%

Investments Authorized and Utilized under Debt Agreements

The investment of the proceeds of debt issues is governed by the provisions of the 2004 Bond Indenture. Although there are several authorized investment instruments, the District's reserve fund is currently invested 100 percent in a Money Market Mutual Fund.

Disclosures Related to Interest Rate Risk

The District invests all of its excess cash in the City Pool. As a participant, the District has immediate access to its funds on a dollar-for-dollar basis. The allocation of investment income is made to the District based on the book value of its investment (which approximates fair market value). As a result, the District is not exposed to interest rate risk, as it would be if it owned direct securities for its own account.

The District's investment with fiscal agents consists of an institutional money market mutual fund. This Fund has a stable net asset value of \$1.00 and the funds can be withdrawn at any time without prior notice. Any changes to the fair value of this money market mutual fund are allocated on a monthly basis to each participant, as a part of their monthly distribution.

Disclosures Relating to Credit Risk

Credit risk is defined as 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 organization. Presented below is the minimum rating required by (where applicable) the Government Code, the Investment Policy, or the debt agreements, and the actual rating as of year-end for each investment type.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 3 – Cash and Investments (Continued)

Disclosures Relating to Credit Risk (Continued)

Credit ratings as of June 30, 2019 were as follows:

<u>Investment Type</u>	<u>Totals</u>	<u>Minimum Legal Rating</u>	<u>AAA</u>	<u>Not Rated</u>
Investment in City Pool	\$ 19,427,172	N/A	\$ -	\$ 19,427,172
Held by Fiscal Agent:				
Money Market Mutual Funds	<u>198</u>	AAA	<u>198</u>	<u>-</u>
Total investments	<u>\$ 19,427,370</u>		<u>\$ 198</u>	<u>\$ 19,427,172</u>

The investment policy contains limitations on the amount that can be invested in any one issuer beyond those stipulated in the Government Code. GASB Statement No. 40 requires disclosure by amount and issuer, of investments in any one issuer that represent five percent or more of total investments.

Disclosures Relating to Custodial Credit Risk

The District is exposed to custodial credit risk indirectly via its investment in the City Pool. Custodial credit risk is the risk that, in the event of the failure of a depository financial institution, an entity may not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g. broker-dealer) to a transaction, an entity may not be able to recover the value of its investment or collateral securities that are in the possession of another party. The Government Code and the Investment Policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provisions for deposits: The Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging qualifying securities in an undivided collateral pool held by a depository regulated under State Law. The market value of the qualifying pledged securities must equal at least 110 percent of the total amount deposited by the public agencies. California law also allows financial institutions to secure deposits by pledging first trust deed mortgage notes having a value of 150 percent of the secured public deposits.

At June 30, 2019, the District had no deposits with financial institutions or any other parties that would subject the District to custodial credit risk.

Note 4 – Investment in Joint Ventures

At June 30, 2019 investment in joint ventures consisted of the following:

R.E. Badger Filtration Plant	\$ 19,976,172
R.E. Badger Water Facilities Financing Authority	<u>659,033</u>
Total investment in other agencies	<u>\$ 20,635,205</u>

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 4 – Investment in Joint Ventures (Continued)

R.E. Badger Filtration Plant

In 1967, the District entered into an agreement with the Santa Fe Irrigation District (Santa Fe) for the joint ownership, maintenance, operation, and use of a water treatment plant and various facilities for the storage and delivery of potable water. During the ensuing years, the parties have added various facilities and improvements, which are owned in different percentages depending on the type of facility and the agreements in place. The ownership percentages of the Joint Facilities are described below:

<u>Facilities</u>	<u>San Dieguito Water District</u>	<u>Santa Fe Irrigation District</u>
Filtration Plant	45%	55%
Filtered Water Reservoir (13 million gallons)	31%	69%
Joint Pipeline (Old Line)	39%	61%
San Dieguito Reservoir	42%	58%

Santa Fe is responsible for the operations, maintenance, and construction of capital improvements of the Joint Facilities, as well as the related administration. For the year ended June 30, 2019, the District made capital contributions of \$204,862 and recorded its share of depreciation and other allocated charges, as well as a true-up charge affecting the prior fiscal year. The investment balance at June 30, 2019 was \$19,976,172.

Operations and maintenance costs are allocated monthly on the basis of the water used by each district, and administrative costs are allocated based on an agreed-upon cost allocation plan. For the year ended June 30, 2019, the District's share of operations and maintenance costs for the Joint Facilities was \$2,239,714.

R.E Badger Water Facilities Financing Authority

In 1999, the District and Santa Fe entered into a joint exercise of powers agreement and formed the Financing Authority, to provide financing for the acquisition and construction of capital improvements related to the Joint Facilities. The Financing Authority subsequently issued revenue bonds for the purpose of funding those capital improvements. Each district is obligated under an Installment Purchase Agreement to repay their proportionate share of the costs of the long-term financing. The investment in the Financing Authority consists primarily of a share of the debt reserve funds held by a fiscal agent and unamortized bond discounts. The investment balance at June 30, 2019 was \$659,033.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 5 – Capital Assets

Summary of changes in capital assets for the year ended June 30, 2019 is as follows:

	Balance July 1, 2018	Additions	Deletions	Transfers	Balance June 30, 2019
Capital assets, not depreciated					
Land	\$ 3,300,931	\$ 112,389	\$ -	\$ -	\$ 3,413,320
Public works facilities right of use	3,378,700	-	-	-	3,378,700
Construction in progress	790,685	220,145	-	(826,527)	184,303
Total capital assets, not depreciated	<u>7,470,316</u>	<u>332,534</u>	<u>-</u>	<u>(826,527)</u>	<u>6,976,323</u>
Capital assets, being depreciated					
Structures and improvements	11,007	-	-	-	11,007
Machinery, equipment, and vehicles	2,476,086	-	-	145,307	2,621,393
Distribution system	41,630,947	76,270	-	681,220	42,388,437
Capacity rights	323,190	-	-	-	323,190
Total capital assets, being depreciated	<u>44,441,230</u>	<u>76,270</u>	<u>-</u>	<u>826,527</u>	<u>45,344,027</u>
Less accumulated depreciation					
Structures and improvements	(6,696)	(1,101)	-	-	(7,797)
Machinery and equipment	(1,821,614)	(597,371)	-	-	(2,418,985)
Distribution system	(26,250,385)	(227,021)	-	-	(26,477,406)
Capacity rights	(144,897)	(6,464)	-	-	(151,361)
Total accumulated depreciation	<u>(28,223,592)</u>	<u>(831,957)</u>	<u>-</u>	<u>-</u>	<u>(29,055,549)</u>
Total capital assets, being depreciated, net	<u>16,217,638</u>	<u>(755,687)</u>	<u>-</u>	<u>826,527</u>	<u>16,288,478</u>
Total capital assets, net	<u>\$ 23,687,954</u>	<u>\$ (423,153)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 23,264,801</u>

Note 6 – Compensated Absences

Summary of changes in compensated absences for the year ended June 30, 2019 is as follows:

Beginning Balance	Additions	Deletions	Ending Balance	Due within One Year
\$ 128,043	\$ 142,134	\$ (122,640)	\$ 147,537	\$ 81,046

Compensated absences represent the dollar value of employee vacation leave earned (up to the specified maximum number of hours) but unused as of June 30, 2019.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 7 – Long-Term Debt

A summary of changes in long-term debt for the year ended June 30, 2019, is as follows:

	Balance July 1, 2018	Additions	Deletions	Balance June 30, 2019	Due within One Year	Due In More Than One Year
2007 Note Payable to R.E. Badger						
Water Facilities Financing Authority	\$ 3,820,000	\$ -	\$ (475,000)	\$ 3,345,000	\$ 490,000	\$ 2,855,000
2014 Water Revenue Bonds	4,110,000	-	(625,000)	3,485,000	645,000	2,840,000
add: original issue premium	446,231	-	(74,373)	371,858	-	371,858
Total long-term obligation	\$ 8,376,231	\$ -	\$ (1,174,373)	\$ 7,201,858	\$ 1,135,000	\$ 6,066,858

2007 Note Payable to the R.E. Badger Water Facilities Financing Authority

On November 20, 2007, the R.E. Badger Water Facilities Financing Authority issued \$20,685,000 of 2007 Water Revenue Refunding Bonds while concurrently redeeming all of its outstanding 1999 Water Revenue bonds, on behalf of its member agencies, the Santa Fe Irrigation District and the San Dieguito Water District. The transaction was a current refunding intended to save the member agencies future interest costs due to lower market interest rates. New Installment Purchase Agreements were executed. The overall bond issue consists of \$20,685,000 of serial bonds maturing from 2008 through 2024. The District's portion of the refinancing totaled \$7,705,000. Principal is due and payable annually in amounts ranging from \$335,000 to \$620,000. Interest is due and payable semi-annually at rates ranging from 3.5 percent to 4.5 percent. The District accounts for its share of the bonds as a note payable to the Financing Authority.

Annual debt service requirements for the 2007 Note Payable to the R.E. Badger Water Facilities Financing Authority outstanding at June 30, 2019 are as follows:

Year Ending June 30	Principal	Interest	Total
2020	\$ 490,000	\$ 133,619	\$ 623,619
2021	525,000	111,465	636,465
2022	545,000	89,396	634,396
2023	570,000	66,043	636,043
2024	595,000	40,915	635,915
2025	620,000	13,950	633,950
Total	\$ 3,345,000	\$ 455,388	\$ 3,800,388

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 7 – Long-Term Debt (Continued)

2014 Water Revenue Refunding Bonds

On September 18, 2014, the District issued \$5,870,000 of Water Revenue Refunding Bonds, Series 2014, to defease and refund on a current basis, all of the outstanding 2004 Water Revenue Refunding Bonds. The bonds consist of serial bonds maturing from 2016 through 2024 in annual installments of \$570,000 to \$755,000. Interest is due and payable semi-annually at rates ranging from 3.0 percent to 4.0 percent. The bonds are subject to federal arbitrage requirements.

The annual debt service requirements for the 2014 Water Revenue Refunding Bonds outstanding at June 30, 2019 are as follows:

Year Ending June 30	Principal	Interest	Total
2020	\$ 645,000	\$ 126,500	\$ 771,500
2021	665,000	100,300	765,300
2022	695,000	73,100	768,100
2023	725,000	44,700	769,700
2024	<u>755,000</u>	<u>15,100</u>	<u>770,100</u>
Total	<u>\$ 3,485,000</u>	<u>\$ 359,700</u>	<u>\$ 3,844,700</u>

Pledged Revenues

The District has pledged its net revenues (as defined) to pay the annual debt service on the bonds and note described above. The District has covenanted to set rates and charges in order to produce net revenues of at least 115 percent of annual debt service. During the year ended June 30, 2019, principal and interest paid was \$1,401,694 net revenues available for debt service were \$4,228,613 resulting in debt service coverage ratio of 302 percent.

Note 8 – Risk Management

Risk management programs and support for the District are provided by the City risk management department. The District is a member of the Association of California Water Agencies - Joint Powers Insurance Authority (JPIA), which provides coverage for general liability, property and casualty, and workers' compensation. Self-insured retention level \$10,000. As of June 30, 2019, in the opinion of the District's management and general counsel, there were no material claims which would require accrual in the accompanying financial statements. Management has determined, based on modest self-insurance retention levels and favorable claims experience, that no self-insurance reserve is required.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 9 – Public Employees Retirement System – CalPERS

Plan Description

The *SDWD Plan* (the Plan) is a cost-sharing multiple employer defined benefit plan that provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to members and beneficiaries, in which the District participates with other public agencies that each have fewer than 100 active members and share the same benefit formula. The Plan is administered by the California Public Employees' Retirement System (CalPERS), which acts as a common investment and administrative agent for its participating member employers. Benefit provisions under the Plan are established by State statutes within the Public Employee's Retirement Law. CalPERS issues publicly available reports that include a full description of the pension plans regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website. Copies of the CalPERS annual financial report may be obtained from the CalPERS Executive Office – 400 P Street, Sacramento, California 95814.

Benefits Provided

The *SDWD Plan* provides employees hired before October 13, 2012 with a Tier 1 benefit equal to 2.7 percent at 55 years of age, calculated based on the single highest year of qualifying compensation. As of October 13, 2012, the Board of Directors imposed new terms and conditions which created a new benefit formula for employees hired after the effective date of the change (the "Tier 2 Plan"). Employees hired under the Tier 2 Plan receive a lower benefit formula, referred to as the 2 percent at 60 years of age formula. In addition, California Public Employees' Pension Reform Act (PEPRA) created yet another benefit formula for new hires with no experience or prior service credit with CalPERS. In the case of the District, this will constitute a "Tier 3 Plan" which provides a retirement benefit, referred to as the 2 percent at 62 years of age formula. The actual retirement benefit for Tier 2 and Tier 3 employees will be calculated using the average of the highest 36 consecutive months of qualifying compensation.

Employees Covered by Benefit Terms

At measurement date June 30, 2018 the following employees were covered by the benefit terms for the Plan:

Active employees	22
Inactive employees or beneficiaries currently receiving benefits	32
Inactive employees entitled to, but not yet receiving benefits	8
Total	<u>62</u>

Contributions

Section 20841(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 July 1 following notice of a change of the rate. The total plan contributions are determined through CalPERS' annual actuarial valuation process. The public agency cost-sharing plans covered by the miscellaneous 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.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 9 – Public Employees Retirement System – CalPERS (Continued)

Active members in the Tier 1 Plan are required to contribute eight percent of their annual covered salary (the "employee contribution"). Effective October 13, 2012, all Tier 1 members contribute the full eight percent, which is credited to their individual accounts. Members receiving the Tier 2 or Tier 3 benefits are required to contribute seven percent, and 6.25 percent of their annual covered salary, respectively. The employee contribution requirements are established by State statute.

SDWD is required to contribute the actuarially determined remaining amounts necessary to fund the benefits for its members (the "employer contributions"). The employer contribution rates for the year ended June 30, 2018 for Tier 1, Tier 2, and PEPRA employees were 11.675 percent, 7.200 percent, and 6.533 percent, respectively. The employer contribution rates are calculated and established annually by CalPERS, based on the actuarial methods and assumptions as adopted by the CalPERS Board of Administration.

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

As of June 30, 2019, the District reported net pension liabilities for its proportionate share of the net pension liability of the SDWD Plan as follows:

	Plan Total Pension Liability	Plan Fiduciary Net Position	Plan Net Pension Liability/(Asset)
Balance at: June 30, 2017	\$ 23,132,699	\$ 15,991,467	\$ 7,141,232
Balance at: June 30, 2018	<u>23,172,973</u>	<u>16,099,922</u>	<u>7,073,051</u>
Net changes during 2017-2018	<u>\$ 40,274</u>	<u>\$ 108,455</u>	<u>\$ (68,181)</u>

The District's net pension liability for the SDWD 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 District's proportion of the net pension liability was based on a projection of the District's long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined.

The District's proportionate share of the net pension liability for each SDWD Plan as of the measurement date June 30 was as follows:

Proportion June 30, 2017	0.1811600%
Proportion June 30, 2018	<u>0.1876780%</u>
Change - Increase (Decrease)	<u>0.0065180%</u>

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 9 – Public Employees Retirement System – CalPERS (Continued)

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

The June 30, 2018 total pension liabilities were based on the following actuarial methods and assumptions:

Actuarial Cost Method	Entry Age Normal in accordance with the requirements of No. 68
Actuarial Assumptions:	
Discount Rate	7.15%
Inflation	2.50%
Salary Increases	Varies by Entry Age and Service
Mortality Rate Table	Derived using CalPERS' Membership Data for all funds
Post Retirement Benefit Increase	Contract cost of living adjustment (COLA) up to 2.50% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.50% thereafter.

All other actuarial assumptions used in the June 30, 2017 valuation was based on the results of an actuarial experience study for the period from 1997 to 2011, including updates to salary increase, mortality and retirement rates. The Experience Study report can be obtained at CalPERS' website under "Forms and Publications."

Discount Rate

The discount rate used to measure the total pension liability was 7.15 percent. To determine whether the municipal bond rate should be used in the calculation of a discount rate for each plan, CalPERS stress tested plans that would most likely result in a discount rate that would be different from the actuarially assumed discount rate. Based on the testing, none of the tested plans run out of assets. Therefore, the current 7.15 percent discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long term expected discount rate of 7.15 percent is applied to all plans in the Public Employees Retirement Fund. The stress test results are presented in a detailed report called "GASB Crossover Testing Report" that can be obtained at CalPERS' website under the GASB No. 68 section.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Such cash flows were developed assuming that both members and employers will make their required contributions on time and as scheduled in all future years. Using historical returns of all the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 9 – Public Employees Retirement System – CalPERS (Continued)

Discount Rate (Continued)

The table below reflects long-term expected real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. The target allocation shown was adopted by the CalPERS Board effective July 1, 2018.

The long-term expected real rate of return by asset class for the measurement period ended June 30, 2018 was as follows:

Asset Class ¹	New Strategic Allocation	Real Return Years 1 - 10 ²	Real Return Years 11 + ³
Global equity	50.00%	4.80%	5.98%
Fixed income	28.00%	1.00%	2.62%
Inflation assets	0.00%	0.77%	1.81%
Private equity	8.00%	6.30%	7.23%
Real assets	13.00%	3.75%	4.93%
Liquidity	1.00%	-	(0.92%)

¹ In the CalPER'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 Global Debt Securities.

² An expected inflation of 2.00 percent was used for this period.

³ An expected inflation of 2.92 percent was used for this period.

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

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

	Plan's Net Pension Liability/(Asset)		
	Discount Rate - 1% (6.15%)	Current Discount Rate (7.15%)	Discount Rate + 1% (8.15%)
Net Pension Liability	\$10,207,687	\$ 7,073,051	\$ 4,485,461

Pension Plan Fiduciary Net Position

Detailed information about the plan's fiduciary net position is available in the separately issued CalPERS financial report and can be obtained from CalPERS website under Forms and Publications.

For the year ended June 30, 2019, the District recognized pension expense of \$717,436 for the SDWD Plan.

At June 30, 2019 the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 9 – Public Employees Retirement System – CalPERS (Continued)

	<u>Deferred outflows of Resources</u>	<u>Deferred inflows of Resources</u>
Contribution made after the measurement date	\$ 585,749	\$ -
Difference between expected and actual experience	179,031	-
Changes of assumptions	608,728	-
Net difference between projected and actual earnings on pension plan investments	34,967	-
Difference between employer's actual contributions and proportionate share of contributions	-	(185,152)
Adjustments due to difference in proportions	<u>44,703</u>	<u>(238,005)</u>
Total	<u>\$ 1,453,178</u>	<u>\$ (423,157)</u>

The \$585,749 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Measurement Period <u>Ended June 30</u>	
2019	\$ 543,137
2020	258,339
2021	(293,584)
2022	(63,620)
2023	-
Thereafter	<u>-</u>
	<u>\$ 444,272</u>

Note 10 – Other Postemployment Benefits

A. San Dieguito Water District – Retiree Health Plan

Plan Description

SDWD provides postretirement health care benefits through the Public Employees Medical and Hospital Care Act (PEMHCA), which is a health benefit plan administered by CalPERS, to eligible employees who retire directly from SDWD. Retirees receive the PEMHCA minimum benefit, as determined by CalPERS. SDWD does not provide a retiree contribution for dental, vision, or life insurance benefits. SDWD's OPEB plan does not issue a separate stand-alone report.

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 10 – Other Postemployment Benefits (Continued)

SDWD has elected to join the California *Employers' Retiree Benefit Trust* (the "Trust") in accordance with GASB Statement No. 75, which provides a means to fund the annual OPEB costs, referred to as the *Actuarially Determined Contribution* (ADC). The ADC includes the normal cost (current accrual for benefits being earned) plus an amortization of the unfunded accrued liability or net OPEB liability over 15 years on a level-percentage of pay basis. SDWD's funding policy is to pre-fund the ADC through the trust.

Eligibility

Employees of SDWD are eligible for retiree health benefits if they retire from SDWD and commence pension benefits under PERS (typically on or after age 50 with at least five years of PERS eligible service). Membership in the plan consisted of the following at June 30, 2017, the date of the latest actuarial valuation:

Active employees	22
Retired employees and beneficiaries	<u>13</u>
	<u><u>35</u></u>

Net OPEB Liability

SDWD's net OPEB liability was measured as of June 30, 2018. The total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of June 30, 2017. The net OPEB liability at June 30, 2019 was:

	Increase (Decrease)		
	Total OPEB Liability (a)	Plan Fiduciary Net Position (b)	Net OPEB Liability/(Asset) (c) = (a) - (b)
Balance at June 30, 2018 (Measurement Date: June 30, 2017)	\$ 493,240	\$ 177,575	\$ 315,665
Changes Recognized for the Measurement Period:			
Service cost	14,241	-	14,241
Interest on the total OPEB liability	34,637	-	34,637
Contributions from the employer	-	59,205	(59,205)
Contributions from employees	-	-	-
Net investment income, net of administrative expense	-	18,590	(18,590)
Benefit payments, including refunds of employee contributions	(25,346)	(25,346)	-
Administrative expense	-	(123)	123
Other expenses	-	(235)	235
Net Changes	<u>23,532</u>	<u>52,091</u>	<u>(28,559)</u>
Balance at June 30, 2019 (Measurement Date: June 30, 2018)	<u>\$ 516,772</u>	<u>\$ 229,666</u>	<u>\$ 287,106</u>

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 10 – Other Postemployment Benefits (Continued)

Actuarial Assumptions

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

Actuarial Cost Method	Entry Age Normal
Actuarial Assumptions:	
Discount Rate	7.00%
Inflation	2.75%
Wage Inflation	3% per annum, in aggregate
Investment Rate of Return	7.00%, assuming actuarially determined contributions funded into CERBT Investment Strategy 1.
Mortality Rate ¹	Derived using CalPERS' Membership Data for all funds
Pre-retirement Turnover ²	Derived using CalPERS' Membership Data for all funds
Healthcare Trend Rate	Based on recent premium experience assuming 1%-2% increase due to market trends then reduced to a rate reflecting medical price

¹ Pre-retirement mortality information was derived from data collected during 1997 to 2011 CalPERS Experience Study dated January 2014 and post-retirement mortality information was derived from the 2007-2011 CalPERS Experience Study. The Experience Study Reports may be accessed on the CalPERS website www.calpers.ca.gov under Forms and Publications.

² The pre-retirement turnover information was developed based on CalPERS' specific data. For more details, please refer to the 2007 to 2011 Experience Study Report. The Experience Study Reports may be accessed on the CalPERS website www.calpers.ca.gov under Forms and Publications.

Discount Rate

The discount rate used to measure the net OPEB liability was 7.00 percent. The projection of cash flows used to determine the discount rate assumed that District 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.

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

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 10 – Other Postemployment Benefits (Continued)

Asset Class	Target Allocation	Real Return*
Global equity	57.00%	5.50%
Global debt security	27.00%	2.35%
Inflation assets	5.00%	1.50%
Commodities	3.00%	1.75%
Real estate investment trusts	8.00%	3.65%
	100.00%	

* Long-term expected rate of return is 7.00 percent

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

The following presents the net OPEB liability of SDWD, as well as what SDWD's net OPEB liability would be if it were calculated using a discount rate 1-percentage point lower (6.00 percent) or 1-percentage point higher (8.00 percent) than the current discount rate:

	Discount Rate - 1% (6.00%)	Current Discount Rate (7.00%)	Discount Rate + 1% (8.00%)
Net OPEB Liability	\$ 348,716	\$ 287,106	\$ 235,672

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

The following presents the net OPEB liability of SDWD, as well as what SDWD's net OPEB liability would be if it were calculated using healthcare cost trend rates 1-percentage point lower (5.00%HMO/5.50%PPO decreasing to 4.00%HMO/4.00%PPO) or 1-percentage point higher (7.00%HMO/7.50%PPO decreasing to 6.00%HMO/6.00%PPO) than the current healthcare cost trend rates:

	(5.00% HMO/5.50%PPO decreasing to 4.00% HMO/4.00% PPO)	(6.00% HMO/6.50%PPO decreasing to 5.00% HMO/5.00% PPO)	(7.00% HMO/7.50%PPO decreasing to 6.00% HMO/6.00% PPO)
Net OPEB Liability	\$ 227,040	\$ 287,106	\$ 360,014

Contributions, OPEB Liabilities, OPEB Expense and Deferred Outflows/Inflows of Resources to OPEB

SDWD's policy is to fund the ADC, which includes the normal cost (current accrual for benefits being earned) plus an amortization of the net (unfunded accrued) OPEB liability. For the year ended June 30, 2019, SDWD recognized OPEB expense of \$32,867 for the SDWD Plan. At June 30, 2019, SDWD reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

San Dieguito Water District
Notes to the Financial Statements (Continued)
For the Year Ended June 30, 2019

Note 10 – Other Postemployment Benefits (Continued)

	<u>Deferred outflows of Resources</u>	<u>Deferred inflows of Resources</u>
OPEB contribution made after the measurement period	\$ 66,983	\$ -
Net difference between projected and actual earning on OPEB plan investments	<u>-</u>	<u>(9,295)</u>
Total	<u>\$ 66,983</u>	<u>\$ (9,295)</u>

The \$66,983 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 in the year ended June 30, 2020. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized as OPEB expense as follows:

Measurement Period Ended June 30	
2019	\$ (2,766)
2020	(2,766)
2021	(2,764)
2022	(999)
2023	-
Thereafter	<u>-</u>
	<u>\$ (9,295)</u>

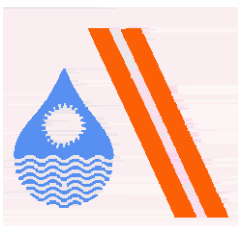
Note 11 – Commitments and Contingencies

Risk management programs and support for the District are provided by the City of Encinitas Risk Management Department, for which the District pays the City an annual fee (charge for those services.) Management has determined, based on modest self-insurance retention levels and favorable claims experience, that no liability accruals were necessary. The District has no outstanding claims as of June 30, 2019 and did not pay any claims during the fiscal year.

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REQUIRED SUPPLEMENTARY

INFORMATION



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San Dieguito Water District

Required Supplementary Information

For the Year Ended June 30, 2019

Note 1 - Schedule of the Proportionate Share of the Net Pension Liability

Last Ten Fiscal Years*

Measurement period	2017-18	2016-17	2015-16	2014-15	2013-14
Plan's proportion of the net pension liability	0.18768%	0.18116%	0.18103%	0.18296%	0.06074%
Plan's proportionate share of the net pension liability	\$ 7,073,051	\$ 7,141,232	\$ 6,288,631	\$ 5,019,493	\$ 3,779,285
Plan's covered payroll	\$1,918,865	\$1,862,975	\$ 1,808,714	\$ 1,756,033	\$ 1,712,639
Plan's proportionate share of the net pension liability as a percentage of covered payroll	368.61%	383.32%	347.69%	285.84%	220.67%
Plan's fiduciary net position	\$ 16,099,922	\$ 15,991,467	\$ 15,586,708	\$ 16,358,655	\$ 18,489,458
Plan's fiduciary net position as a percentage of the total pension liability	69.48%	69.13%	71.25%	76.52%	83.03%
Plan's proportionate share of aggregate employer contributions	\$ 504,492	\$ 472,819	\$ 356,509	\$ 271,845	\$ 241,133

Notes to Schedule:

Benefit changes. The figures above do not include any liability impact that may have resulted from plan changes which occurred after the June 30, 2017 valuation date.

Changes in assumptions

In 2018, demographic assumptions and the inflation rate were changed in accordance to the CalPERS Experience Study and Review of Actuarial. On December 21, 2016, the CalPERS Board of Administration lowered the discount rate from 7.50 percent to 7.00 percent using a three year phase-in.

*Fiscal Year 2014-15 was the first year of implementation; therefore, only five years of information are shown.

San Dieguito Water District
Required Supplementary Information
For the Year Ended June 30, 2019

Note 2 - Schedule of Contributions - Pension

	Last Ten Fiscal Years*				
Fiscal Year	<u>2018-19</u>	<u>2017-18</u>	<u>2016-17</u>	<u>2015-16</u>	<u>2014-15</u>
Contractually determined contribution (actuarially determined)	585,749	\$ 504,492	\$ 472,819	\$ 356,509	\$ 271,845
Contributions in relation to the actuarially determined contributions	(585,749)	(504,492)	(472,819)	(356,509)	(271,845)
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered payroll	\$ 1,887,782	\$ 1,918,865	\$ 1,862,975	\$ 1,808,714	\$ 1,756,033
Contributions as a percentage of covered payroll	31.03%	26.29%	25.38%	19.71%	15.48%

Notes to Schedule

Fiscal Year: June 30, 2019
Valuation Date: June 30, 2016

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry Age Normal
Amortization method/period	Level percent of payroll
	Market Value
Asset valuation method	
Inflation	2.50%
Projected salary increases	3.30% to 14.20% depending on age, service, and type of employment
Payroll growth	3.00%
Discount rate	7.375%
Individual Salary Growth	A merit scale varying by duration of employment coupled with an assumed annual inflation growth of

*Fiscal Year 2014-15 was the first year of implementation; therefore, only five years of information are shown.

San Dieguito Water District
Required Supplementary Information
For the Year Ended June 30, 2019

Note 3 - Schedule of Changes in Net OPEB Liability and Related Ratios

Last Ten Fiscal Years*

Measurement Period	<u>2017-18</u>	<u>2016-17</u>
Total OPEB liability		
Service cost	\$ 14,241	\$ 13,309
Interest	34,637	33,225
Changes of benefit terms	-	-
Differences between expected and actual experience	-	-
Changes of assumptions	-	-
Benefit payments, including refunds of member contributions	<u>(25,346)</u>	<u>(29,268)</u>
Net change in total OPEB liability	23,532	17,266
Total OPEB liability - beginning	<u>493,240</u>	<u>475,974</u>
Total OPEB liability - ending (a)	<u><u>\$ 516,772</u></u>	<u><u>\$ 493,240</u></u>
OPEB fiduciary net position		
Contributions - employer	\$ 59,205	\$ 63,332
Net investment income	18,590	18,770
Benefit payments, including refunds of member contributions	(25,346)	(29,268)
Administrative expense	<u>(358)</u>	<u>(95)</u>
Net change in plan fiduciary net position	52,091	52,739
Plan fiduciary net position - beginning	<u>177,575</u>	<u>124,836</u>
Plan fiduciary net position - ending (b)	<u>229,666</u>	<u>177,575</u>
Plan net OPEB liability - ending (a) - (b)	<u><u>\$ 287,106</u></u>	<u><u>\$ 315,665</u></u>
Plan fiduciary net position as a percentage of the total OPEB liability	44.44%	36.00%
Covered-employee payroll	\$ 1,978,669	\$ 1,802,043
Plan net OPEB liability as a percentage of covered-employee payroll	14.51%	17.52%

* Fiscal Year 2017-18 was the first year of implementation; therefore, only two years of information are shown.

San Dieguito Water District
Required Supplementary Information
For the Year Ended June 30, 2019

Note 4 - Schedule of Contributions - OPEB

Last Ten Fiscal Years*

Fiscal Year	<u>2018-19</u>	<u>2017-18</u>
Actuarially determined contribution (ADC)	\$ 53,291	\$ 52,780
Contributions in relation to the ADC	(66,983)	(63,332)
Contribution deficiency (excess)	<u>\$ (13,692)</u>	<u>\$ (10,552)</u>
Covered employee payroll	\$ 1,903,385	\$ 1,978,669
Contributions as a percentage of covered employee payroll	3.52%	3.20%

Notes to Schedule

Actuarial methods and assumptions used to set the actuarially determined contributions for Fiscal Year 2018-19 were from the June 30, 2017 actuarial valuation.

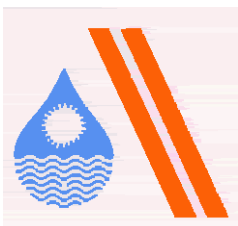
Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry Age Normal
Amortization method/period	Level percentage of payroll over a closed rolling 15-year period
Asset valuation method	Market value
Inflation	2.75% per annum
Payroll growth	3% per annum, in aggregate
Investment rate of return	7% per annum. Assumes investing in California Employers' Retirees Benefit Trust asset allocation Strategy 1.
Retirement age	According to the retirement rates under the most recent CalPERS pension plan experience study.
Mortality	Pre-retirement mortality probability based on the 2014 CalPERS 1997-2011 Experience Study covering CalPERS participants. Post-retirement mortality probability based on CalPERS Experience Study 2007-2011 covering participants in CalPERS.

* Fiscal Year 2017-18 was the first year of implementation; therefore, only two years of information are shown.

STATISTICAL

SECTION



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San Dieguito Water District

Summary of Operational Data

The following tables are being presented as supplementary information based on requirements for bonds issued by SDWD for continuing bond disclosure certificate.

Table 1

**San Dieguito Water District
Schedule of Water Rates
As of June 30, 2019**

<u>Customer Class</u>	<u>Residential Rate Tier</u>	<u>Rate (1)</u>	
		<u>Potable</u>	<u>Recycled</u>
Single-family residential	0-12 units	\$ 2.99	\$ -
	13-20 units	4.75	-
	21-40 units	5.87	-
	41+ units	6.69	-
Multi-family residential (per dwelling)	0-8 units	2.99	-
	9-12 units	4.75	-
	13-16 units	5.87	-
	17+ units	6.69	-
Agriculture	Uniform	5.09	4.07
Commercial	Uniform	5.09	4.07
Government	Uniform	5.57	4.46
Public	Uniform	5.57	4.46
Landscaping	Uniform	5.87	4.70
Construction	Uniform	5.97	4.78

(1) Per Unit (one hundred cubic feet or 748 gallons)

Source: San Dieguito Water District

Table 2

**San Dieguito Water District
Bi-Monthly Meter Service Availability Charges (2)
As of June 30, 2019**

<u>Meter Size</u>	<u>Water Meter Service Availability Charge</u>	<u>Infrastructure Access Charge</u>	<u>Fire Meter Service Availability Charge</u>
5/8" & 3/4"	\$ 42.41	\$ 6.02	\$ 9.02
1"	62.44	9.63	9.02
1-1/2"	112.08	18.06	10.17
2"	171.89	31.90	17.73
3"	311.53	57.79	44.66
4"	511.00	98.73	91.63
6"	1,009.18	180.60	259.53
8"	1,607.26	313.04	549.12

(2) San Dieguito Water District charges a bi-monthly service availability charge, which covers the costs for the maintenance of meters, water lines, and storage facilities, to ensure that water is available upon demand. This charge also covers customer service costs for meter reading and billing. The Infrastructure Access Charge is levied by the San Diego County Water Authority and is collected from the customer by the District.

Source: San Dieguito Water District

Table 3

**San Dieguito Water District
Historic Potable Water System Revenues
Last Ten Fiscal Years**

<u>Fiscal Year</u>	<u>Potable Water Sales</u>	<u>Percentage Change (3)</u>	<u>Meter Availability Charge</u>	<u>Percent Change (3)</u>
2010	\$ 7,146,854	(5.0%)	\$ 2,501,264	2.0%
2011	8,205,876	14.8%	3,007,127	20.2%
2012	8,528,418	3.9%	3,196,605	6.3%
2013	9,236,462	8.3%	3,087,794	(3.4%)
2014	10,649,157	15.3%	3,227,823	4.5%
2015	9,728,434	(8.6%)	3,415,227	5.8%
2016	9,503,108	(2.3%)	3,503,933	2.6%
2017	9,467,085	(0.4%)	3,544,758	1.2%
2018	11,222,736	18.5%	3,772,759	6.4%
2019	10,203,984	(9.1%)	3,839,847	1.8%

(3) Due to the varying number of billing cycles in a fiscal year, changes year-over-year may not be exactly comparable.

Source: San Dieguito Water District

Table 4

**San Dieguito Water District
Historic Recycled Water System Revenues
Last Ten Fiscal Years**

<u>Fiscal Year</u>	<u>Recycled Water Sales</u>	<u>Percent Change</u>	<u>Meter Availability Charges (4)</u>	<u>Percent Change</u>
2010	\$ 537,654	(18.9%)	\$ -	N/A
2011	523,397	(2.7%)	-	N/A
2012	422,925	(19.2%)	-	N/A
2013	400,244	(5.4%)	-	N/A
2014	460,383	15.0%	60,048	N/A
2015	648,398	40.8%	80,585	34.2%
2016	702,301	8.3%	85,149	5.7%
2017	716,826	2.1%	78,732	(7.5%)
2018	853,052	19.0%	86,098	9.4%
2019	587,272	(31.2%)	86,801	0.8%

(4) The District first implemented a meter availability charge for recycled customers on September 1, 2013.

Source: San Dieguito Water District

Table 5

**San Dieguito Water District
Summary of Water Production by Source
Last Ten Fiscal Years**

<u>Fiscal Year</u>	<u>Potable Production (in acre-feet)(5)</u>			<u>Recycled Water</u>		<u>Total Production</u>
	<u>Local Water</u>	<u>Imported Water</u>	<u>Total Potable</u>			
2010	4,399	2,156	6,555	498		7,053
2011	4,434	1,901	6,335	511		6,846
2012	3,719	2,663	6,382	578	(6)	6,960
2013	4,200	2,395	6,595	678	(6)	7,273
2014	1,136	5,598	6,734	692		7,426
2015	603	5,726	6,329	736		7,065
2016	1,400	3,839	5,239	628		5,867
2017	1,446	3,984	5,430	654		6,084
2018	3,450	2,660	6,110	714		6,824
2019	2,173	3,407	5,580	550		6,130

(5) Potable water production is defined as water either produced locally or purchased from imported sources.

Table 6

**San Dieguito Water District
Summary of Water Deliveries by Source
Last Ten Fiscal Years**

<u>Fiscal Year</u>	<u>Potable</u>	<u>Percent Change</u>	<u>Recycled</u>	<u>Percent Change</u>
2010	5,649	(12.6%)	498	(28.2%)
2011	5,425	(4.0%)	511	2.6%
2012	5,957	9.8%	578	(6) 13.1%
2013	6,284	5.5%	678	(6) 17.3%
2014	6,449	2.6%	692	2.1%
2015	6,134	(4.9%)	736	6.4%
2016	5,112	(16.7%)	628	(14.7%)
2017	5,287	3.4%	654	4.1%
2018	5,838	10.4%	714	9.2%
2019	5,397	(7.6%)	550	(23.0%)

(6) Since FY 2011-12, Recycled Water Production and Delivery figures are revised to include water provided to the Encinitas Ranch Golf Authority (ERGA). Beginning in FY 2011-12, the San Elijo Joint Powers Authority (SEJPA) began directly providing recycled water to ERGA. The recycled water provided to ERGA credits towards the District's production and delivery water to ERGA and the District ceased selling recycled water as ERGA falls within the District's sphere of influence.

Note: The differences between potable water production and deliveries represents water loss in the distribution system and/or water pumped or used through the fire distribution system.

Source: San Dieguito Water District

Table 7

**San Dieguito Water District
Sales by Customer Class
As of June 30, 2019**

<u>Customer Description</u>	<u>Acre-Feet Sold</u>	<u>Percent of Water Sold</u>
Agriculture	184	3.4%
Commercial	532	9.9%
Construction	31	0.6%
Government	22	0.4%
Landscaping	385	7.1%
Multi-Family Residential	1,122	20.8%
Public	124	2.3%
Single-Family Residential	2,997	55.5%
Total Sales	5,397	100.0%

Source: San Dieguito Water District

Table 8

**San Dieguito Water District
Total Service Connections by Category
Last Ten Fiscal Years**

<u>Fiscal Years</u>	<u>Potable</u>	<u>Percent Increase</u>	<u>Recycled</u>	<u>Percent Increase</u>
2010	11,388	0.1%	73	7.4%
2011	11,397	0.1%	72	(1.4%)
2012	11,476	0.7%	74	2.8%
2013	11,502	0.2%	77	4.1%
2014	11,610	0.9%	77	0.0%
2015	11,644	0.3%	81	5.2%
2016	11,721	0.7%	82	1.2%
2017	11,740	0.2%	87	6.1%
2018	11,790	0.4%	85	(2.3%)
2019	11,861	0.6%	93	9.4%

Source: San Dieguito Water District

San Dieguito Water District

Historical Debt Service Coverage

Last Ten Fiscal Years

	2010	2011	2012	2013	2014
Revenues:					
Operating revenues - including connection fees	\$ 11,267,684	\$ 12,574,450	\$ 13,170,422	\$ 13,789,636	\$ 15,715,575
Non-operating revenues	879,477	817,872	813,610	869,568	827,676
Gross Revenues	12,147,161	13,392,322	13,984,032	14,659,204	16,543,251
Total Operating & Non-Operating Expenses	11,634,347	11,614,631	12,448,911	12,198,228	14,066,485
Net Income	512,814	1,777,691	1,535,121	2,460,976	2,476,766
Add:					
Interest expense	749,704	725,936	698,908	657,963	622,075
Depreciation and amortization expense	1,213,640	1,196,007	1,294,904	1,476,044	1,490,806
Net Revenues Available for Debt Service	2,476,158	3,699,634	3,528,933	4,594,983	4,589,647
Less: Debt Service Paid					
2004 Water Revenue Refunding Bonds - Interest Charges	469,269	452,244	433,950	408,906	380,731
2004 Water Revenue Refunding Bonds - Principal Payments	560,000	575,000	595,000	615,000	640,000
2007 Note Payable to Financing Authority - Interest Charges	265,157	281,494	270,352	256,744	241,344
2007 Note Payable to Financing Authority - Principal Payments	335,000	350,000	365,000	375,000	385,000
2014 Water Revenue Refunding Bonds - Interest Charges	-	-	-	-	-
2014 Water Revenue Refunding Bonds - Principal Payments	-	-	-	-	-
Total Debt Service	\$ 1,629,426	\$ 1,658,738	\$ 1,664,302	\$ 1,655,650	\$ 1,647,075
Coverage by Net Revenues Available for Debt Service	152%	223%	212%	278%	279%

Debt service coverage requirement is a minimum 115 percent of net revenue including connection fees. The above schedules include connection fees in operating revenues.

San Dieguito Water District
Historical Debt Service Coverage
Last Ten Fiscal Years
(Continued)

	2015	2016	2017	2018	2019
Revenues:					
Operating revenues - including connection fees	\$ 15,152,433	\$ 14,852,061	\$ 15,142,544	\$ 17,219,494	\$ 15,961,300
Non-operating revenues	927,526	1,013,297	1,048,764	1,092,337	2,307,498
Gross Revenues	16,079,959	15,865,358	16,191,308	18,311,831	18,268,798
Total Operating & Non-Operating Expenses	15,481,543	13,800,671	14,263,288	15,198,929	16,541,314
Net Income	598,416	2,064,687	1,928,020	3,112,902	1,727,484
Add:					
Interest expense	475,775	412,108	366,740	328,050	292,354
Depreciation and amortization expense	2,271,907	1,514,716	978,627	1,848,913	2,208,775
Net Revenues Available for Debt Service	3,346,098	3,991,511	3,273,387	5,289,865	4,228,613
Less: Debt Service Paid					
2004 Water Revenue Refunding Bonds - Interest Charges	144,720	-	-	-	-
2004 Water Revenue Refunding Bonds - Principal Payments	665,000	-	-	-	-
2007 Note Payable to Financing Authority - Interest Charges	224,994	211,144	191,244	171,619	152,919
2007 Note Payable to Financing Authority - Principal Payments	405,000	415,000	440,000	455,000	475,000
2014 Water Revenue Refunding Bonds - Interest Charges	106,061	202,400	185,075	167,225	148,775
2014 Water Revenue Refunding Bonds - Principal Payments	-	570,000	585,000	605,000	625,000
Total Debt Service	\$ 1,545,775	\$ 1,398,544	\$ 1,401,319	\$ 1,398,844	\$ 1,401,694
Coverage by Net Revenues Available for Debt Service	216%	285%	234%	378%	302%

Debt service coverage requirement is a minimum 115 percent of net revenue including connection fees. The above schedules include connection fees in operating revenues.