

Burney Water District
Notes to the Financial Statements
June 30, 2017

a loss has occurred and the amount of the loss can be reasonably estimated. In determining claims, events that might create claims, but for which none have been reported are considered.

The District estimates that the amount of actual or potential claims against the District as of June 30, 2017 will not materially affect the financial condition of the District. Therefore, the Water, Sewer, and Pool Fund contains no provision for estimated claims. Information relating to an analysis of claims activities for the year was not available.

Note 7 – Pension Plan

Plan Description

The District, as the employer, participates in the cost-sharing, multiple-employer defined benefit pension plan administered by the California Public employees' Retirement System (CalPERS). The plan provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members, and beneficiaries. A full description of the pension plan benefit provisions and assumptions for funding purposes can be obtained in Appendix B of the June 30, 2013 CalPERS actuarial evaluation report available at <https://www.calpers.ca.gov/page/forms-publications>.

Contributions

The contribution requirements of the Plan are established by Section 20814(c) of the California Public Employees' Retirement Law, which requires that employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. For the measurement period ended June 30, 2017 the active employee contribution rate was 6.25% (PEPRA) and 7.77% (Misc.) of annual pay, and the District's contribution rate was 6.49% (PEPRA) and 11.995% (Misc.). Contributions to the pension plan from the District were \$33,436 for the year ended June 30, 2017.

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

At June 30, 2017, the District reported a net pension liability of \$731,209 for its proportionate share of the total net pension liability. The net pension liability was measured as of June 30, 2016, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2016. The District's proportion of the net pension liability was based on the District's contributions received by the pension plan relative to the total contributions received by the pension plan for all participating employers as of June 30, 2016. Based upon this information, the District's proportion was .021050%.

For the year ended June 30, 2017, the District recognized pension expense of \$90,187. At June 30, 2017, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

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	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and Actual Experience	\$ 1,976	\$ -
Changes of Assumption	-	(24,251)
Net Difference between Projected and Actual Earnings on Pension Plan Investments	126,219	-
Difference between actual and proportionate share of contributions	-	(8,532)
Adjustment due to Differences in Proportions	13,417	(70,417)
District Contributions Subsequent to the Measurement Date	75,429	-
Total	<u>\$ 217,041</u>	<u>\$ (103,200)</u>

\$75,429 reported as deferred outflows of resources related to pensions resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2016. Any other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year Ended June 30:	
2018	\$ (31,247)
2019	(21,013)
2020	57,980
2021	32,692
Total	<u>\$ 38,412</u>

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Actuarial Assumptions

The total pension liability was determined by an actuarial valuation as of June 30, 2015, using the following actuarial assumptions, applied to all prior periods included in the measurement:

Discount Rate:	7.65%
Inflation:	2.75%
Salary Increases:	Varies by Entry Age and Service
	Investment Rate of Return: 7.50% net of Pension Plan Investment and Administrative Expenses
Mortality Rate Table:	Derived using CalPERS Membership Data for all Funds
Post Retirement Benefit Increase	Contract COLA up to 2.75% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.75% thereafter

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

<u>Asset Class</u>	<u>New Strategic Allocation</u>	<u>Real Return Years 1-10¹</u>	<u>Real Return years 11 +²</u>
Global Equity	47.00%	5.25%	5.71%
Global Fixed Income	19.00	0.99	2.43
Inflation Sensitive	6.00	0.45	3.36
Private Equity	12.00	6.83	6.95
Real Estate	11.00	4.50	5.13
Infrastructure and Forestland	3.00	4.50	5.09
Liquidity	2.00	(0.55)	(1.05)

¹An expected inflation of 2.5% used for this period

²An expected inflation of 3.0% used for this period

Discount Rate

The discount rate used to measure the total pension liability was 7.65%. 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

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plans run out of assets. Therefore, the current 7.65% discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long term expected discount rate of 7.65% 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 the CalPERS' website under the GASB 68 section.

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

The following presents the net pension liability/(asset) of the Plan as of the measurement date using the discount rate of 7.65%, as well as what the net pension liability/(asset) would be if it were calculated using a discount rate that is 1 percentage-point lower (6.65%) or 1 percentage point higher (8.65%) than the current rate:

	Discount Rate - 1% (6.65%)	Current Discount Rate (7.65%)	Discount Rate + 1% (8.65%)
Plan's Net Pension Liability/(Asset)	\$ 1,131,281	\$ 731,209	\$ 400,569

Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in the separately issued financial report of CalPERS which can be located at <https://www.calpers.ca.gov/page/forms-publications>.

Note 8 – Joint Venture

The District participates in two joint ventures under joint powers agreements (JPAs) with the Special District Risk Management Association (SDRMA) and the Laborer's Health and Welfare Trust. The relationship between the JPA and the District is such that the JPA is not component unit of the District.

The SDRMA is a public risk entity pool established to provide liability insurance to its members and to pay for the administration of the Agency and for the cost of excess insurance and related risk management costs. The Laborer's Health and Welfare Trust provides health insurance coverage to its members. The JPA's Boards control the operations of the JPAs, including the selection of management and approval of the operating budgets, independent of any influence by the member districts beyond their representation on the board.

Note 9– Subsequent Events

Subsequent events were evaluated through December 6, 2017 which is the date the financial statements were available to be issued.