

cPa DIXON, WALLER & CO., INC.

CUCHARAS SANITATION AND

WATER DISTRICT

FINANCIAL STATEMENTS

DECEMBER 31, 2018

DIXON, WALLER & CO., INC.

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CUCHARAS SANITATION AND
WATER DISTRICT
CUCHARA, COLORADO
DECEMBER 31, 2018

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FINANCIAL SECTION

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Independent Auditor's Report

Board of Directors
Cucharas Sanitation and Water District
Cuchara, Colorado 81055

We have audited the accompanying financial statements of the business-type activities of Cucharas Sanitation and Water District as of and for the year ended December 31, 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. 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 entity'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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities of the Cucharas Sanitation and Water District as of December 31, 2018, and the changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and pension and other post employment benefits trend data on pages i through vi and 36 through 39 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Cucharas Sanitation and Water District's basic financial statements. The supplemental information is presented for purposes of additional analysis and is not a required part of the basic financial statements.

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

Griffin, Waller & Co., Inc.

June 28, 2019

MANAGEMENT'S DISCUSSION AND ANALYSIS

MANAGEMENT'S DISCUSSION AND ANALYSIS
Cucharas Sanitation and Water District
for the year ending December 31, 2018

As Management of the Cucharas Sanitation and Water District (the District), we offer readers of the District's financial statements this narrative overview and analysis of the financial activities of the District for the year ended December 31, 2018. In order to enhance understanding of the District's financial performance, this discussion and analysis should be read in conjunction with the Independent Auditor's Report, the financial statements, and the accompanying notes, which follow this section.

The District implemented GASB 68 as required in 2015. The net pension liability at December 31, 2018 was \$383,920. Under GASB 68 the District's proportionate share of the net pension liability of the Colorado state retirement system, the Public Employees Retirement Association (PERA) is recorded as a liability of the District.

Cucharas Sanitation and Water District participates in the Health Care Trust Fund (HCTF), a cost-sharing multiple-employer defined benefit fund, known as Other Post-Employment Benefits (OPEB), administered by PERA. Title 24 Article 51 Part 12 of the Colorado Revised Statutes sets forth a framework that grants authority to the PERA Board to contract, self-insure, and authorize disbursements necessary in order to carry out the purposes of the PERACare program and has implemented GASB 75 in 2018 to record the associated liabilities and deferred flows. The net OPEB Liability as of December 31, 2018 was \$34,820.

FINANCIAL HIGHLIGHTS

- Cucharas Sanitation and Water District's assets and deferred outflows exceeded liabilities and deferred inflows by \$7,852,803 (net position) at the end of 2018. Of this amount, \$1,000,515 may be used to meet the government's ongoing obligations to citizens and creditors, including construction purposes. The remaining \$6,852,288 is invested in capital assets or is restricted by law.
- Total liabilities, including long-term debt, decreased by \$102,281 at 2018 year-end from total 2017 liabilities. This decrease in liabilities is due to several factors including decreases in long term debt and pension liabilities.

OVERVIEW OF THE FINANCIAL STATEMENTS

This discussion and analysis is intended to serve as an introduction to the District's basic financial statements. The basic financial statements contain three components:

- 1) Government-wide Financial Statements, 2) Notes to the Financial Statements, and 3) Budgetary Comparisons.

Government-wide Financial Statements: The *Government-wide Financial Statements* are designed to provide readers with a broad overview of the District's finances in a manner similar to a private sector business.

The *Statement of Net Position* presents information on all of the District's assets, deferred outflows, and liabilities, with the difference reported as net position, some portions of which are restricted in accordance with debt covenants and other restrictions as required by the Colorado Revised Statutes. Over time, increases or decreases in net position may serve as a useful indicator of whether the District's financial position is improving or deteriorating. It should be noted that other non-financial factors must be considered when assessing the overall health of the District. These include measures of the quality of

service that the District provides to the Cuchara community, general condition of the sewer and water systems and local economic variances.

The *Statement of Revenues, Expenses, and Changes in Net Position* presents information showing how the government's net position changed during the year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, *regardless of the timing of related cash flows*. Thus, revenues and expenses are reported in the statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes).

The *Statement of Cash Flows* reports receipts, cash payments and net changes in cash and cash equivalents resulting from operations, investing and capital and related financing activities. It provides answers to such questions as where did cash come from, what was cash used for, and what was the change in cash and cash equivalents during 2018.

Notes to the Financial Statements: The notes provide additional information that is essential to a full understanding of the data provided in the government-wide financial statements.

Budgetary Comparisons: Cucharas Sanitation and Water District adopts an annual appropriated budget for its operations. A budgetary comparison statement has been provided to demonstrate compliance with the adopted budget.

GOVERNMENT-WIDE FINANCIAL ANALYSIS

The following condensed financial information derived from government-wide financial statements includes comparisons with the fiscal year 2017.

Net position: As noted earlier, the net position may serve over time as a useful indicator of a government's financial position. As of December 31, 2018, assets and deferred debt refunding exceeded liabilities by \$7,852,803. The District's net position decreased by \$234,866 between years 2017 and 2018 primarily due to pension liability and depreciation expense. The following table provides a summary of the District's net position at December 31, 2018 and December 31, 2017.

	2018	2017
Assets:		
Current and other assets	\$1,733,978	\$1,705,728
Capital Assets	\$7,294,146	\$7,512,403
<i>Total Assets</i>	\$9,028,124	\$9,218,131
Deferred Outflow of Resources:		
Pension and OPEB Cost (New in 2015 and 2018)	\$95,077	\$133,737
Liabilities:		
Current and other liabilities	\$97,898	\$86,508
Long-term liabilities	\$964,904	\$1,078,575
<i>Total Liabilities</i>	\$1,062,802	\$1,165,083
Net Position:		
Invested in capital assets, net of related debt	\$6,689,088	\$6,850,532
Restricted for TABOR Reserve	\$3,200	\$3,200
Restricted - Debt	\$160,000	\$185,856
Unrestricted	\$1,000,515	\$1,048,081
<i>Final Net Position</i>	\$7,852,803	\$8,087,669

The most significant portion of the District's Net Position (93%) reflects its investment in capital assets. These assets include land and easements, water rights, the office building, three water treatment plants (with one control panel upgrade) and one wastewater treatment plant, the distribution and collection systems including the Pinehaven water and sewer systems and the expanded Spanish Peaks subdivision sewer system, furniture, and equipment. These capital assets are used to provide services to citizens; consequently, they are not available for future spending.

Although the investment in capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources since the capital assets themselves cannot be used to liquidate these liabilities.

The District's debt is comprised of three Colorado Water Resources and Power Development Authority loans.

\$1,000,515 of Cucharas Sanitation and Water District's net position represents assets which may be used to meet the District's ongoing obligations to citizens and creditors, a decrease of \$47,566 from 2017.

The following table indicates the changes in net position in 2018 and in 2017:

	2018	2017
Operating Revenues:		
Service Fees	\$659,210	\$672,871
Property and specific ownership taxes	\$106,818	\$115,831
Pond augmentation fees	\$2,040	\$2040
Investment earnings	\$7,768	\$7322
Capital Grant	\$22,500	\$5000
Loan Recoveries and Other	\$11,506	\$9271
Misc. Capital Revenue	\$0	\$0
<i>Total Operating Revenues</i>	<i>\$809,842</i>	<i>\$812,335</i>
Operating Expenses:		
Personnel and directors' fees	\$271,997	\$299,332
Operations and maintenance	\$346,402	\$344,688
Bad debts	\$0	\$0
Depreciation	\$367,997	\$360,015
Other operating expense	\$25,619	\$27,887
<i>Total Operating Expenses</i>	<i>1,012,015</i>	<i>\$1,031,922</i>
Capital Contributions - Tap Fees	\$0	\$15,000
Increase (Decrease) in Net Position	(\$202,173)	(\$204,587)

Revenues decreased in 2018 by \$2,493 and expenses decreased by \$19,907. Key elements in these changes are as follows:

- Revenues from water and sewer service fees decreased due to a Board of Directors decision to lower costs on commercial rates. Rate Study was conducted and completed in 2018.
- Miscellaneous Operating Revenue and Loan Recoveries increased \$2,235 due to an increase in Capital Interest after funds were transferred to higher yielding accounts.

- Pond Augmentation Fees are set at levels that reimburse the District's costs for the program. Currently there are 19 pond owners who continue to use this service; no additional owners requested this service in 2018. Revenues were consistent with 2017.
- In 2018 the District received a \$12,500 grant from DOLA as reimbursement for a Water System Improvement Preliminary Engineering Report.
- 2018 year-end cash balances in banks and investments increased \$10,600 from 2017 year-end. This trend is expected to continue as the Board of Directors and the staff is committed to continue to streamline processes and find ways to be more cost efficient.
- Legal Expense decreased \$13,103 (23.8%) due to no rules and regulations updates and no major issues with board elections.
- Office Expenses increased by \$6193.66 (129.3%) from 2017 primarily due to the District hiring a full-time IT Professional to clean up computer systems, create new email domains, and establish back-up for the district's database.
- Utility Expense decreased in 2018 \$9,277 (18.6%) due to the staff's commitment to save energy by upgrading motors and control panels at a few of the water plants.
- Supplies Expense decreased \$7,684 (49.2%) from 2018 due to the staff's commitment to maintaining necessary inventory in order to quickly address situations that may arise. Inventory at this point is replaced as used.
- Repairs & Maintenance Expense decreased in 2018 by \$12,798 (38.9%) due to the district staff's ongoing efforts in maintaining and replacing aging components on a multi-year basis.
- Personnel costs decreased \$4200 (1.9%) in 2018 due to the retirement of a full-time employee and the hiring of a new employee at a lower salary.
- Professional Fees decreased by \$4,718 (14.2%) primarily due to completion of a commercial rate study and mapping.
- District Management and Board continue to be involved in planning to build up our reserves to cover future repairs, maintenance and updates to our system as it ages. District Management and Board believe it's essential to maintain a high level of maintenance in order to continue to offer a high level product to our customers.

BUDGETARY HIGHLIGHTS

The District's budget is prepared according to Colorado statutes. In December of 2017, the Board of Directors appropriated \$1,099,610 for 2018 expenditures and reserves. The budget was not amended during the calendar year. The following table compares budget (non-GAAP) to actual in 2018 and 2017:

	2018		2017	
	Budget	Actual	Budget	Actual
Service Fees	\$670,166	\$659,210	\$685,116	\$672,871
Other Operating Revenue	\$146,311	\$138,132	\$181,752	\$154,464
Other Non-Operating Revenue	\$92,500	\$12,500	\$0	\$0
Expenditures	(\$1,012,280)	(\$682,164)	(\$1,119,475)	(\$673,898)
Net debt service & proceeds	(\$82,330)	(\$79,892)	(\$79,892)	(\$79,891)
Bad debt expense	\$0	\$0	\$0	\$0
Contingency	(\$5,000)	\$0	\$0	\$0
Net Income (Loss)	(190,633)	47,786	(\$332,499)	\$73,546

CAPITAL ASSET AND DEBT ADMINISTRATION

Capital Assets: Cucharas Sanitation and Water District's investment in capital assets (net of depreciation) at December 31, 2018, totals \$7,294,146. This investment includes the following (net of depreciation):

	2018	2017
Land and easements	\$158,475	\$158,475
Water rights	\$652,010	\$652,010
Utility plant - system	\$6,262,735	\$6,458,206
Equipment	\$77,382	\$63,863
Office building	\$58,583	\$63,621
Construction in progress	\$84,961	\$116,228
Total Capital Assets	\$7,294,146	\$7,512,403

In 2018, the District continued work on the second phase of the control system upgrade at the Spanish Peaks Water Plant which was expected to be complete mid-summer 2018. Due to technical difficulties, the project continued into 2019. The District continued to upgrade equipment at all of the treatment facilities. Maintenance of all water treatment facilities was a priority in 2018.

The District continues looking into options of ways to preserve the quality of its water source in the event of a fire or other natural disaster contaminates its main water supply. The Spring Creek Fire of summer 2018 did not adversely affect the district's water source, and gave staff and board members information to be used in the case of future natural disasters.

A Preliminary Engineering Report regarding the rate study and water system improvements in Spanish Peaks subdivision was completed in 2018. Construction of removing and laying new pipe, meters and fire hydrants will begin in fall of 2019.

In 2018, the District has committed to contribute \$5,000 to Huerfano County Water Conservancy District for a grant-matching project to make improvements to Huerfano County's Water Storage Collaboration Infrastructure.

Cuchara Valley Electric installed LED Tubes in fluorescent fixtures at the CSWD Office, the Waste Water Treatment Plant and the SPWTP.

Debt Administration: December 31, 2018, Cucharas Sanitation and Water District owed \$605,058 in long term debt. The following is a listing of District debt at December 31, 2018 and December 31, 2017:

	Maturity Date	2018	2017
CWR&PDA Loan - Pinehaven water project 2006	May 2027	\$398,918	\$438,096
CWR&PDA Loan - Pinehaven sewer project 2006	May 2027	\$139,725	\$153,448
CWR&PDA Loan - Cuchara water tank project 2012	May 2033	\$66,415	\$70,327
Total Long-Term Debt		\$605,058	\$661,871

All debts continue to be serviced in a timely manner, using money set aside from operating income and property tax revenues for this purpose.

REQUESTS FOR INFORMATION

This financial report is designed to provide a general overview of Cucharas Sanitation and Water District's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this or for additional financial information should be addressed to the Board of Directors, 16925 State Highway 12, La Veta, Colorado 81055.

BASIC FINANCIAL STATEMENTS

CUCHARAS SANITATION AND WATER DISTRICT
STATEMENT OF NET POSITION
December 31, 2018

	2018
<u>ASSETS</u>	
<u>Current Assets</u>	
Cash and Equivalents	96,421
Cash with County Treasurer	1,007
Property Tax Receivable	92,721
Accounts Receivable (Net of Allowance for Doubtful Accounts of \$0)	6,122
Notes Receivable	-
Inventory	22,071
Prepaid Expenses	19,069
<u>Total Current Assets</u>	<u>237,411</u>
 <u>Noncurrent Assets</u>	
<u>Restricted Assets – Cash and Equivalents</u>	
Debt Covenant	160,000
Construction Funds	1,336,567
<u>Total Restricted Assets</u>	<u>1,496,567</u>
 <u>Capital Assets</u>	
Land and Easements	158,475
Water Rights	652,010
Utility Plant - System	13,923,177
Equipment	394,830
Office Building	181,844
	15,310,336
Accumulated Depreciation	(8,101,151)
<u>Net Plant in Service</u>	<u>7,209,185</u>
Construction in Progress	84,961
<u>Total Capital Assets</u>	<u>7,294,146</u>
 <u>Other Assets</u>	
Deposits	-
<u>Total Other Assets</u>	<u>-</u>
<u>TOTAL ASSETS</u>	<u>9,028,124</u>
 <u>DEFERRED OUTFLOW OF RESOURCES</u>	
Pension and OPEB	95,077

The accompanying notes are an integral part of these financial statements.

CUCHARAS SANITATION AND WATER DISTRICT
STATEMENT OF NET POSITION
December 31, 2018

	<u>2018</u>
<u>LIABILITIES</u>	
<u>Current Liabilities</u>	
Current Maturities - Long-Term Debt	58,894
Accounts Payable	11,404
Accrued Expenses (Interest)	3,588
Prepaid Service Fees	13,512
Tap Fees Collected – Non Service Area	10,500
Deposits	-
<u>Total Current Liabilities</u>	<u>97,898</u>
<u>NonCurrent Liabilities</u>	
Long-Term Debt	546,164
Net Pension Liability	383,920
Net OPEB Liability	34,820
<u>Total NonCurrent Liabilities</u>	<u>964,904</u>
<u>TOTAL LIABILITIES</u>	<u>1,062,802</u>
<u>DEFERRED INFLOWS OF RESOURCES</u>	
Pension and OPEB	114,875
Property Tax	92,721
<u>Total Deferred Inflows</u>	<u>207,596</u>
<u>NET POSITION</u>	
Net Investment in Capital Assets	6,689,088
Restricted for:	
Emergencies	3,200
Debt	160,000
Unrestricted	<u>1,000,515</u>
<u>TOTAL NET POSITION</u>	<u>7,852,803</u>

The accompanying notes are an integral part of these financial statements.

CUCHARAS SANITATION AND WATER DISTRICT
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
Year Ended December 31, 2018

	<u>2018</u>
<u>OPERATING REVENUES</u>	
Service Fees	<u>659,210</u>
<u>OPERATING EXPENSES</u>	
Personnel	266,947
Directors' Fees	5,050
Legal and Audit	48,358
Professional Service	36,636
Repair and Maintenance	53,303
Travel and Training	6,127
Utilities	52,288
Office and Telephone	18,964
Insurance	20,298
Other General and Administrative Expense	21,569
Bad Debts	-
Pension Cost	88,859
Depreciation	<u>367,997</u>
	<u>986,396</u>
<u>NET LOSS BEFORE OTHER OPERATING ITEMS</u>	<u>(327,186)</u>
<u>Other Operating Revenue (Expense)</u>	
Property Tax - Operating	104,131
Augmentation Fees	2,040
County Treasurer's Fee	(2,884)
Recoveries, Interest and Other	<u>11,506</u>
<u>NET INCOME (LOSS) FROM OPERATIONS</u>	<u>(212,393)</u>
<u>Other Non Operating Revenue (Expense)</u>	
Property Tax – Debt Service	2,687
Interest Earned	7,768
Gain on Sale of Assets	-
Interest Expense	(22,735)
Grants	<u>22,500</u>
<u>NET INCOME (LOSS) BEFORE CONTRIBUTIONS</u>	<u>(202,173)</u>
<u>CAPITAL CONTRIBUTIONS – TAP FEES</u>	<u>-</u>
<u>CHANGE IN NET POSITION</u>	<u>(202,173)</u>
<u>NET POSITION, Beginning (as Restated)</u>	<u>8,054,976</u>
<u>NET POSITION, Ending</u>	<u>7,852,803</u>

The accompanying notes are an integral part of these financial statements.

CUCHARAS SANITATION AND WATER DISTRICT
STATEMENT OF CASH FLOWS
Year Ended December 31, 2018

	<u>2018</u>
<u>Cash Flows from Operating Activities:</u>	
Receipts from Customers and Users	663,817
Receipts of Taxes and Other	120,364
Payments to Vendors	(335,894)
Payments to Employees	<u>(222,128)</u>
<u>Net Cash Provided (Used) by Operations</u>	<u>226,159</u>
<u>Cash Flows from Capital & Related Financing Activities:</u>	
Property Tax – Debt Service	2,687
Proceeds – Debt Issued	-
Capital Grants	22,500
Principal Paid on Long-Term Debt	(56,813)
Interest Paid on Long-Term Debt	(23,079)
Proceeds from Sale of Assets	-
Acquisition & Construction of Capital Asset (Including Construction in Progress)	(149,746)
Grants & Tap Fees	<u>-</u>
<u>Net Cash Provided (Used) by Capital and Related Financing Activities</u>	<u>(204,451)</u>
<u>Cash Flows from Investing Activities</u>	
Purchase of Investments	-
Sale of Investments	-
Interest	<u>7,768</u>
<u>Net Cash Provided (Used) in Investing Activities</u>	<u>7,768</u>
<u>Net Increase (Decrease) in Cash</u>	<u>29,476</u>
<u>Cash & Cash Equivalents-Beginning of Year</u>	<u>1,564,519</u>
<u>Cash & Cash Equivalents-End of Year</u>	<u>1,593,995</u>
<u>Reconciliation of Cash Flows from Operating Activities:</u>	
Net Income (Loss) – Operations	(212,393)
Adjustments of Reconcile:	
Depreciation	367,997
Loss on Disposition of Assets	6
Changes in Assets, Liabilities and Deferrals:	
Notes Receivable - (Increase) Decrease	-
Accounts Receivable – (Increase) Decrease	2,039
Inventory – (Increase) Decrease	(238)
Prepaid Expense – (Increase) Decrease	52
Other Assets – (Increase) Decrease	-
Accounts Payable – Increase (Decrease)	(415)
Deposits – Increase (Decrease)	-
Pension Deferrals – Increase (Decrease)	59,043
Prepaid Service Fees – Increase (Decrease)	<u>10,068</u>
<u>Net Cash Provided (Used) by Operations</u>	<u>226,159</u>
Cash Paid for Income Tax	<u>-</u>
Cash Paid for Interest	<u>23,079</u>

The accompanying notes are an integral part of these financial statements.

NOTES TO BASIC FINANCIAL STATEMENTS

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 1 **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The Cucharas Sanitation and Water District (the District) is a local government unit created for the purpose of providing water and sanitation services to rate paying customers within a service area allowed by law.

A **Reporting Entity**

The reporting entity, for financial purposes, is defined as the primary government (the Cucharas Sanitation and Water District) and its component units. The District has no component units; the financial statements are comprised of the funds more fully described in subsequent information contained in the footnotes.

The accounting policies of the Cucharas Sanitation and Water District conform to generally accepted accounting principles as applicable to governments. The following is a summary of the more significant policies:

B. **Government – Wide and Fund Financial Statements**

The government-wide financial statements (i.e. the statement of net position and the statement of activities) report information on all the nonfiduciary activities of the primary government and its component units. *Governmental activities*, which normally are supported by taxes and intergovernmental revenues, are reported separately from *business-type activities*, which rely to a significant extent on fees and charges for support. All activities of the Cucharas Sanitation and Water District are reported as business-type. Likewise, the *primary government* is reported separately from the District's legally separate *component units* for which the District is financially accountable.

Separate financial statements are provided for governmental funds, proprietary funds, and fiduciary funds, even though the latter are excluded from the government-wide financial statements. Major individual governmental funds and major individual enterprise funds are reported as separate columns in the fund financial statements.

C. **Measurement Focus, Basis of Accounting, and Financial Statement Presentation**

The government-wide financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*, as are the proprietary fund and fiduciary fund financial statements. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

The District consists of one major proprietary fund.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 1 **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

C. Measurement Focus, Basis of Accounting, and Financial Statement Presentation (Con't)

Proprietary funds distinguish *operating revenues* and expenses from *nonoperating* items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the District are charges to customers for sales and services and ad valorem tax. Operating expenses for the District include the cost of services, administrative expenses, and depreciation on capital assets.

D. Capital Assets

Capital assets, which include property, plant, equipment, and infrastructure assets (e.g., roads, bridges, sidewalks, and similar items), are reported in the financial statements. Capital assets are defined by the District as assets with an initial estimated useful life in excess of two year. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated fair value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized.

Major outlays for capital assets and improvements are capitalized as projects are constructed. Interest incurred during the construction phase of capital assets of business-type activities, if any, is included as part of the capitalized value of the assets constructed. An immaterial amount of interest expense was incurred during the current fiscal year and was not capitalized.

Capital assets of the primary government are depreciated using the straight-line method over the following estimated useful lives:

<u>Assets</u>	<u>Year</u>
Equipment	5-40

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

E. Budgets and Budgetary Accounting

The District has set procedures to be followed in establishing the budgetary data reflected in the financial statements:

1. Prior to October 1, a proposed operating budget for the fiscal year commencing the following January 1 is developed. The operating budget includes proposed expenditures and the means of financing them.
2. Public hearings are conducted to obtain taxpayer comments.
3. Prior to December 31, the budget is legally enacted through passage of an ordinance or resolution.
4. Budgets for the Enterprise Funds are adopted on a budgetary basis not consistent with generally accepted accounting principles (GAAP).

F. Encumbrances

Encumbrance accounting, under which purchase orders, contracts, and other commitments for the expenditure of monies are recorded in order to reserve that portion of the applicable appropriation, is employed as an extension of formal budgetary integration. All encumbrances lapse at the end of the year.

G. Inventory

Inventory is valued at the lower of cost (first-in, first-out) or market. The costs of inventories are recorded as expenditures when they are used.

H. Accumulated Unpaid Vacation, Sick Pay, and Other Employee Benefits Amounts

Accumulated unpaid vacation, sick pay, and other employee benefits amounts should be accrued when incurred in proprietary funds (using the accrual basis of accounting). Such amounts would not be accrued in governmental funds (using the modified accrual basis of accounting). Accrued vacation and sick leave payable has not been reflected in the financial statements of the Proprietary Funds as it does not exceed normal accumulations and is not material in relation to the financial statements.

I. Property Taxes

Property taxes represent ad valorem taxes levied by the District, which are payable to the County Treasurer, and are recognized as revenue by the District in the year for which they are levied.

Property taxes are levied in December for collection in the subsequent year.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 1 **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

I. Property Taxes

Property taxes attach as an enforceable lien on property as of January 1. Taxes may be paid without penalty in either of two ways: (a) Full payment by April 30, or (b) First half must be paid by last day of February, and second half must be paid by June 15.

J. Use of Estimates

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

Material estimates that are particularly susceptible to significant change relate to the determination of the allowance for losses on customer accounts receivable. In connection with the determination of the estimated losses on receivables, management evaluates accounts and relies on historical data.

While management uses available information to recognize losses on receivables, further reductions in the carrying amounts of receivables may be necessary based on changes in economic conditions. Because of these factors, it is reasonable possible that the estimated losses on receivables may change materially in the near term. However, the amount of the change that is reasonable possible cannot be estimated.

K. Deposits and Investments

The District's cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with original maturities of three months or less from the date of acquisition.

State statutes authorize the District to deposit in the accounts of federally insured banks, credit unions, and savings and loan associations, and to invest in obligations of the U.S. Treasury, certain commercial paper, repurchase agreements, bankers acceptances, and mutual funds composed of otherwise legal investments.

L. Long-Term Obligations

In the proprietary fund financial statements, long-term debt and other long-term obligations are reported as liabilities in the applicable proprietary fund type statement of net position. Bond premiums and discounts are deferred and amortized over the life of the bonds using the effective interest method. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are reported as charges in the year incurred.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 1 **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

M. Deferred Outflows / Inflows of Resources

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. District debt refundings are reported as deferred outflows, as well as pension payments not yet charged to expense.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

N. Fund Equity

In the financial statements, funds report restrictions of net position for amounts that are not available for appropriation or are legally restricted by outside parties for use for a specific purpose. Designations of assets represent tentative management plans that are subject to change.

NOTE 2 **CAPITAL ASSETS**

Capital assets activity for the year ended December 31, 2018 was as follows:

	<u>Beginning Balance</u>	<u>Increases</u>	<u>Decreases</u>	<u>Ending Balance</u>
<u>Business-Type Activities</u>				
Water Rights	652,010	-	-	652,010
Land and Easements	158,475	-	-	158,475
Construction in Progress	116,228	11,260	42,527	84,961
Capital Assets Being Depreciated:				
Utility Plant – System	13,769,854	153,323	-	13,923,177
Equipment	391,456	25,994	22,620	394,830
Office Building	180,148	1,696	-	181,844
Total Capital Assets Being Depreciated	14,341,458	181,013	22,620	14,499,851
Less Accumulated Depreciation	7,755,768	367,997	22,614	8,101,151
<u>Business-Type Activities</u>				
Capital Assets, Net	7,512,403	(175,724)	(42,533)	7,294,146

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018**

NOTE 3 CASH AND DEPOSITS

The District's deposits at year end were covered by Federal depository insurance or secured under the Public Deposit Protection Act of the State of Colorado, whereby the custodial bank pledges collateral for amounts on deposit in excess of the amount guaranteed by the FDIC for governmental entities.

	<u>Bank Balance</u>	<u>Carrying Amount</u>
Insured	97,588	96,221
Uninsured, Collateralized Under the Public Deposit Protection Act of the State of Colorado	-	-
<u>Sub-Total</u>	<u>97,588</u>	<u>96,221</u>
Cash with County Treasurer	-	1,007
Cash Equivalents	-	1,496,567
Cash on Hand	-	200
<u>Total Cash and Deposits</u>	<u>97,588</u>	<u>1,593,995</u>

Cash of \$3,200 is restricted as Emergency Reserves as required by Article X, Section 20 of the Constitution of the State of Colorado. (See Note 6)

Cash Equivalents represent the District's holdings in Colotrust. Colotrust is a liquid asset trust holding pooled investments meeting the legal requirements for Colorado local governments.

As presented above, deposits with a bank balance of \$0 and a carrying balance of \$0 as of December 31, 2018 are uninsured, are exposed to custodial risk, and are collateralized with securities held by the pledging financial institution.

NOTE 4 COMPENSATED ABSENCES

There is not a material liability for compensated absences at December 31, 2018.

NOTE 5 RISK MANAGEMENT

The District is exposed to various risks of loss related to torts, thefts of, damage to, or destruction of assets; errors or omissions; injuries to employees, or acts of God.

The District maintains commercial insurance for all risks of loss. Settled claims have not exceeded this commercial coverage in any of the past three fiscal year.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 6 CONTINGENCIES - TAX, SPENDING AND DEBT LIMITATIONS

In November 1992, the voters of Colorado approved Amendment 1, commonly known as the Taxpayer's Bill of Rights (TABOR), which adds a new Section 20 to Article X of the Colorado Constitution. TABOR contains tax, spending, revenue and debt limitations which apply to the State of Colorado and all local governments.

Enterprises, defined as government-owned businesses authorized to issue revenue bonds and receiving less than 10% of annual revenue in grants from all state and local governments combined, are excluded from the provisions of TABOR.

The initial base for local government spending and revenue limits is 1992 Fiscal Year Spending. Future spending and revenue limits are determined based on the prior year's Fiscal Year Spending adjusted for allowable increases based upon inflation and local growth. Fiscal Year Spending is generally defined as expenditures plus reserve increases with certain exceptions. Revenue in excess of the Fiscal Year Spending limit must be refunded unless the voters approve retention of such revenue.

TABOR requires local governments to establish Emergency Reserves. These reserves must be at least 1% of Fiscal Year Spending (excluding bonded debt service) in 1993, 2% in 1996 and 3% thereafter. Local governments are not allowed to use the emergency reserves to compensate for economic conditions, revenue shortfalls, or salary or benefit increases.

TABOR requires, with certain exceptions, voters approval prior to imposing new taxes, increasing a tax rate, increasing a mill levy above that for the prior year, extending an expiring tax, or implementing a tax policy change directly causing a net tax revenue gain to any local government.

Except for bond refinancing at lower interest rates or adding employees to existing pension plans, TABOR specifically prohibits the creation of multiple-fiscal year debt or other financial obligations without voter approval or without irrevocably pledging present cash reserves for all future payments.

In November 2000, the registered voters of the District approved a measure to allow the District to collect, retain and expend all revenues from any source without limitation including the District's existing property tax rate of 8.094 mills. The rate cannot be increased without voter approval.

The District's management believes it is in compliance with the provisions of TABOR. However TABOR is complex and subject to interpretation. Many of the provisions, including the interpretation of how to calculate Fiscal Year Spending limits (and qualification as an Enterprise) will require judicial interpretation.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 7 LONG-TERM DEBT

The following is a summary of the transactions in the District's long-term debt.

	<u>Balance at</u> <u>1-1-2018</u>	<u>Additions</u>	<u>Retirements</u>	<u>Balance at</u> <u>12-31-2018</u>	<u>Due</u> <u>Within</u> <u>One Year</u>
CWR & PDA Loan	591,544	-	52,901	538,643	54,903
CWR & PDA Loan 2012	<u>70,327</u>	<u>-</u>	<u>3,912</u>	<u>66,415</u>	<u>3,991</u>
<u>Total</u>	<u>661,871</u>	<u>-</u>	<u>56,813</u>	<u>605,058</u>	<u>58,894</u>

Long-Term Debt as of December 31, 2018 is comprised of the following:

2006 - Colorado Water Resources and Power Development Authority Loan – The District obtained a loan in 2006 from the Colorado Water Resources and Power Development Authority (CWR & PDA) to extend water and sewer services within the District. The loan was made in the amount of \$1,037,000 for a term of 20 year with interest at a rate of 3.75%. Payments began on November 1, 2007 and will be made every six months through May 1, 2027. A schedule of debt service to maturity follows:

<u>Due</u>	<u>Principal</u>	<u>Interest</u>
2019	54,903	19,689
2020	56,981	17,611
2021	59,138	15,454
2022	61,377	13,216
2023	63,700	10,892
2024	66,111	8,481
2025	68,613	5,979
2026	71,210	3,382
2027	<u>36,610</u>	<u>686</u>
	<u>538,643</u>	<u>95,390</u>

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018**

NOTE 7 LONG-TERM DEBT (Continued)

2012 - Colorado Water Resources and Power Development Authority Loan – The District obtained a loan in 2013 from the Colorado Water Resources and Power Development Authority (CWR & PDA) for construction of a water tank. The loan was made in the amount of \$87,000 for a term of 20 year with interest at a rate of 2%. Payments begin on November 1, 2013 and will be made every six months through May 1, 2033. A schedule of debt service to maturity follows:

<u>Due</u>	<u>Principal</u>	<u>Interest</u>
2019	3,991	1,308
2020	4,071	1,228
2021	4,153	1,146
2022	4,236	1,063
2023	4,322	978
2024	4,408	891
2025	4,497	802
2026	4,587	712
2027	4,680	620
2028	4,774	526
2029	4,870	430
2030	4,967	332
2031	5,067	232
2032	5,169	130
2033	<u>2,623</u>	<u>26</u>
	<u>66,415</u>	<u>10,424</u>

As a condition of the CWR & PDA debts, the district must certify to the Authority the following information:

1. **Compliance with rate covenant** – the rate covenant requires that fees charged and collected be at least sufficient each year to pay the sum of amounts required to pay operating and maintenance expenses (as defined) of \$517,152 in 2018, 110% of the debt service on these loans of \$87,880 in 2018, debt reserve payment of \$0 in 2018, subordinate lien debt service of \$0 in 2018, and other debt service payable from the above fees of \$0 in 2018. The \$605,032 total requirement of the covenant was exceeded by fees of \$661,250 for the year ended December 31, 2018.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 7 **LONG-TERM DEBT (Continued)**

2. Compliance with operations and maintenance reserve covenant – the reserve requirement is estimated to be approximately \$143,000 at December 31, 2018 based on Exhibit F of the loan agreement. The District had a maintained reserve account of \$160,000 at December 31, 2018.

3. Lien representation – the property pledged for this debt, except as disclosed to the Authority in writing, is free and clear of any pledge, lien, charge or encumbrance.

NOTE 8 **STATEMENT OF INCOME - BUDGET (NON-GAAP) AND ACTUAL**

	2018		
	<u>Budget</u>	<u>Actual</u>	Variance- Favorable (Unfavorable)
<u>OPERATING REVENUES</u>	<u>670,166</u>	<u>659,210</u>	<u>(10,956)</u>
<u>OPERATING EXPENSES</u>	<u>1,091,310</u>	<u>759,172</u>	<u>332,138</u>
<u>OTHER OPERATING REVENUE (EXPENSE)</u>	<u>103,761</u>	<u>124,793</u>	<u>21,032</u>
<u>OTHER NON OPERATING REVENUE (EXPENSE)</u>	<u>126,750</u>	<u>22,955</u>	<u>103,795</u>
<u>NET INCOME (LOSS)(NON-GAAP)</u>	<u>(190,633)</u>	47,786	
<u>RECONCILING ITEMS TO</u>			
<u>GAAP NET INCOME (LOSS)</u>			
Debt Principal		56,813	
Depreciation		(367,997)	
Capital Outlay		149,746	
Pension Cost		(88,859)	
Tap Fees		-	
Change in Accrued Interest Payable		344	
Gain (Loss) on Disposition of Assets		<u>(6)</u>	
<u>NET INCOME (LOSS) (GAAP BASIS)</u>		<u>(202,173)</u>	

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018**

NOTE 9 DEFINED BENEFIT PENSION PLAN

Summary of Significant Accounting Policies

Pensions. Cucharas Sanitation and Water District participates in the Local Government Division Trust Fund (LGDTF), a cost-sharing multiple-employer defined benefit pension fund administered by the Public Employees' Retirement Association of Colorado ("PERA"). The net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, pension expense, information about the fiduciary net position and additions to/deductions from the fiduciary net position of the LGDTF have been determined using the economic resources measurement focus and the accrual basis of accounting. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

General Information about the Pension Plan

Plan description. Eligible employees of the Cucharas Sanitation and Water District are provided with pensions through the Local Government Division Trust Fund (LGDTF) - a cost-sharing multiple-employer defined benefit pension plan administered by PERA. Plan benefits are specified in Title 24, Article 51 of the Colorado Revised Statutes (C.R.S.), administrative rules set forth at 8 C.C.R. 1502-1, and applicable provisions of the federal Internal Revenue Code. Colorado State law provisions may be amended from time to time by the Colorado General Assembly. PERA issues a publicly available comprehensive annual financial report that can be obtained at www.copera.org/investment/pera-financial-reports.

Benefits provided. PERA provides retirement, disability, and survivor benefits. Retirement benefits are determined by the amount of service credit earned and/or purchased, highest average salary, the benefit structure(s), under which the member retires, the benefit option selected at retirement, and age at retirement. Retirement eligibility is specified in tables set forth at C.R.S. 24-51-601, 604, 1713, and 1714.

The lifetime retirement benefit for all eligible retiring employees under the PERA Benefit Structure is the greater of the:

- Highest average salary multiplied by 2.5 percent and then multiplied by years of service credit.
- The value of the retiring employee's member contribution account plus a 100 percent match on eligible amounts as of the retirement date. This amount is then annuitized into a monthly benefit based on life expectancy and other actuarial factors.

The lifetime retirement benefit for all eligible retiring employees under the Denver Public Schools (DPS) Benefit Structure is the greater of the:

- Highest average salary multiplied by 2.5 percent and then multiplied by years of service credit.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 9 **DEFINED BENEFIT PENSION PLAN (Continued)**

- \$15 times the first 10 years of service credit plus \$20 times service credit over 10 years plus a monthly amount equal to the annuitized member contribution account balance based on life expectancy and other actuarial factors.

In all cases the service retirement benefit is limited to 100 percent of highest average salary and also cannot exceed the maximum benefit allowed by federal Internal Revenue Code.

Members may elect to withdraw their member contribution accounts upon termination of employment with all PERA employers; waiving rights to any lifetime retirement benefits earned. If eligible, the member may receive a match of either 50 percent or 100 percent on eligible amounts depending on when contributions were remitted to PERA, the date employment was terminated, whether 5 years of service credit has been obtained and the benefit structure under which contributions were made.

Benefit recipients who elect to receive a lifetime retirement benefit are generally eligible to receive post-retirement cost-of-living adjustments (COLAs), referred to as annual increases in the C.R.S. Benefit recipients under the PERA benefit structure who began eligible employment before January 1, 2007 and all benefit recipients of the DPS benefit structure receive an annual increase of 2 percent, unless PERA has a negative investment year, in which case the annual increase for the next three years is the lesser of 2 percent or the average of the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) for the prior calendar year. Benefit recipients under the PERA benefit structure who began eligible employment after January 1, 2007 receive an annual increase of the lesser of 2 percent or the average CPI-W for the prior calendar year, not to exceed 10 percent of PERA's Annual Increase Reserve for the LGDTF.

Disability benefits are available for eligible employees once they reach five years of earned service credit and are determined to meet the definition of disability. The disability benefit amount is based on the retirement benefit formula shown above considering a minimum 20 years of service credit, if deemed disabled.

Survivor benefits are determined by several factors, which include the amount of earned service credit, highest average salary of the deceased, the benefit structure(s) under which service credit was obtained, and the qualified survivor(s) who will receive the benefits.

Contributions. Eligible employees and Cucharas Sanitation and Water District are required to contribute to the LGDTF at a rate set by Colorado statute. The contribution requirements are established under C.R.S. 24-51-401, et seq. Eligible employees are required to contribute 8 percent of their PERA-includable salary. The employer contribution requirements are summarized in the table below.

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS**

December 31, 2018

NOTE 9

DEFINED BENEFIT PENSION PLAN (Continued)

	For the Year Ended December 31, 2018
Employer Contribution Rate	10.00 %
Amount of Employer Contribution apportioned to the Health Care Trust Fund as specified in C.R.S. 24-51-208 (1) (f)	(1.02)%
Amount Apportioned to the LGDTF	8.98%
Amortization Equalization Disbursement (AED) as specified in C.R.S. 24-51-411	2.20%
Supplemental Amortization Equalization Disbursement (SAED) as specified in C.R.S. 24-51-411	1.50%
Total Employer Contribution Rate to the LGDTF	12.68%

(1) Rates are expressed as a percentage of salary as defined in C.R.S. 24-51-101(42).

Employer contributions are recognized by the LGDTF in the period in which the compensation becomes payable to the member and the Cucharas Sanitation and Water District is statutorily committed to pay the contributions to the LGDTF. Employer contributions recognized by the LGDTF from Cucharas Sanitation and Water District were \$27,644 for the year ended December 31, 2018.

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

At December 31, 2018, the Cucharas Sanitation and Water District reported a liability of \$383,920 for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of December 31, 2016. Standard update procedures were used to roll forward the total pension liability to December 31, 2017. The Cucharas Sanitation and Water District proportion of the net pension liability was based on Cucharas Sanitation and Water District contributions to the LGDTF for the calendar year 2017 relative to the total contributions of participating employers to the LGDTF.

At December 31, 2017, the Cucharas Sanitation and Water District proportion was .0344808327 percent, which was a decrease of .0006 from its proportion measured as of December 31, 2016.

For the year ended December 31, 2018, the Cucharas Sanitation and Water District recognized pension expense of \$88,403. At December 31, 2018, the Cucharas Sanitation and Water District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	24,018	-
Changes of assumptions or other inputs	4,056	-
Net difference between projected and actual earnings on pension plan investments	36,058	(110,683)
Changes in proportion and differences between contributions recognized and proportionate share of contributions	912	(3,474)
Contributions subsequent to the measurement date	27,644	N/A
Total	92,688	(114,157)

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 9 **DEFINED BENEFIT PENSION PLAN (Continued)**

\$27,644 reported as deferred outflows of resources related to pensions, resulting from contributions subsequent to the measurement date, will be recognized as a reduction of the net pension liability in the year ended December 31, 2019. 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 December 31, 2018	
2019	18,341
2020	(12,217)
2021	(27,566)
2022	(27,671)
2023	-
Thereafter	-

Actuarial assumptions. The total pension liability in the December 31, 2016 actuarial valuation was determined using the following actuarial assumptions and other inputs:

Actuarial Cost Method	Entry Age
Price Inflation	2.40 percent
Real Wage Growth	1.10 percent
Wage Inflation	3.50 percent
Salary increases, including wage inflation	3.50 – 10.45 percent
Long-term investment Rate of Return, net of pension plan investment expenses, including price inflation	7.25 percent
Discount Rate	7.25 percent
Future post-retirement benefit increases:	
PERA Benefit Structure hired prior to 1/1/07; and DPS Benefit Structure (automatic)	2.00 percent
PERA Benefit Structure hired after 12/31/06 (ad hoc, substantively automatic)	Financed by the Annual Increase Reserve (AIR)

The actuarial assumptions used in the December 31, 2016 valuation were based on the results of the 2016 experience analysis for the periods January 1, 2012 through December 31, 2015, as well as, the October 28, 2016 actuarial assumptions workshop and were adopted by PERA's Board during the November 18, 2016 Board meeting.

Healthy mortality assumptions for active members were based on the RP-2014 White Collar Employee Mortality Table, a table specifically developed for actively working people. To allow for an appropriate margin of improved mortality prospectively, the mortality rates incorporate a 70 percent factor applied to male rates and a 55 percent factor applied to female rates.

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018**

NOTE 9 DEFINED BENEFIT PENSION PLAN (Continued)

Healthy, post-retirement mortality assumptions were based on the RP-2014 Healthy Annuitant Mortality Table, adjusted as follows:

- **Males:** Mortality improvement projected to 2018 using the MP-2015 projection scale, a 73 percent factor applied to rates for ages less than 80, a 108 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.
- **Females:** Mortality improvement projected to 2020 using the MP-2015 projection scale, a 78 percent factor applied to rates for ages less than 80, a 109 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.

The mortality assumption for disabled retirees was based on 90 percent of the RP-2014 Disabled Retiree Mortality Table.

The long-term expected return on plan assets is reviewed as part of regular experience studies prepared every four or five years for PERA. Recently, this assumption has been reviewed more frequently. The most recent analyses were outlined in presentations to PERA's Board on October 28, 2016.

Several factors were considered in evaluating the long-term rate of return assumption for the LGDTF, including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation) were developed by the investment consultant for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation.

As of the November 18, 2016 adoption of the current long-term expected rate of return by the PERA Board, the target allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	30 Year Expected Geometric Real Rate of Return
U.S. Equity – Large Cap	21.20%	4.30%
U.S. Equity – Small Cap	7.42%	4.80%
Non U.S. Equity - Developed	18.55%	5.20%
Non U.S. Equity - Emerging	5.83%	5.40%
Core Fixed Income	19.32%	1.20%
High Yield	1.38%	4.30%
Non U.S. Fixed Income - Developed	1.84%	0.60%
Emerging Market Debt	0.46%	3.90%
Core Real Estate	8.50%	4.90%
Opportunity Fund	6.00%	3.80%
Private Equity	8.50%	6.60%
Cash	1.00%	0.20%
Total	100.00%	

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 9 **DEFINED BENEFIT PENSION PLAN (Continued)**

In setting the long-term expected rate of return, projections employed to model future returns provide a range of expected long-term returns that, including expected inflation, ultimately support a long-term expected rate of return assumption of 7.25 percent.

Discount Rate

The discount rate used to measure the total pension liability was 7.25 percent. The basis for the projection of liabilities and the FNP used to determine the discount rate was an actuarial valuation performed as of December 31, 2016 and the financial status of the LGDTF as of the prior measurement date (December 31, 2016). In addition, the following methods and assumptions were used in the projection of cash flows:

- Total covered payroll for the initial projection year consists of the covered payroll of the active membership present on the valuation date and the covered payroll of future plan members assumed to be hired during the year. In subsequent projection years, total covered payroll was assumed to increase annually at a rate of 3.50%.
- Employee contributions were assumed to be made at the current member contribution rate. Employee contributions for future plan members were used to reduce the estimated amount of total service costs for future plan members.
- Employer contributions were assumed to be made at rates equal to the fixed statutory rates specified in law and effective as of the measurement date, including current and estimated future AED and SAED, until the Actuarial Value Funding Ratio reaches 103%, at which point, the AED and SAED will each drop 0.50% every year until they are zero. Additionally, estimated employer contributions included reductions for the funding of the AIR and retiree health care benefits. For future plan members, employer contributions were further reduced by the estimated amount of total service costs for future plan members not financed by their member contributions.
- Employer contributions and the amount of total service costs for future plan members were based upon a process used by the plan to estimate future actuarially determined contributions assuming an analogous future plan member growth rate.
- The AIR balance was excluded from the initial fiduciary net position, as, per statute, AIR amounts cannot be used to pay benefits until transferred to either the retirement benefits reserve or the survivor benefits reserve, as appropriate. As the ad hoc post-retirement benefit increases financed by the AIR are defined to have a present value at the long-term expected rate of return on plan investments equal to the amount transferred for their future payment, AIR transfers to the fiduciary net position and the subsequent AIR benefit payments have no impact on the Single Equivalent Interest Rate (SEIR) determination process when the timing of AIR cash flows is not a factor (i.e., the plan's fiduciary net position is not projected to be depleted). When AIR cash flow timing is a factor in the SEIR determination process (i.e., the plan's fiduciary net position is projected to be depleted), AIR transfers to the fiduciary net position and the subsequent AIR benefit payments were estimated and included in the projections.

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018**

NOTE 9 DEFINED BENEFIT PENSION PLAN (Continued)

- Benefit payments and contributions were assumed to be made at the end of the month.

Based on the above assumptions and methods, the LGDTF's fiduciary net position was projected to be available to make all projected future benefit payments of current members. Therefore, the long-term expected rate of return of 7.25 percent on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability. The discount rate determination does not use the municipal bond index rate, and therefore, the discount rate is 7.25 percent.

Sensitivity of the Cucharas Sanitation and Water District proportionate share of the net pension liability to changes in the discount rate. The following presents the proportionate share of the net pension liability calculated using the discount rate of 7.25 percent, as well as what the proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percent-point lower (6.25 percent) or 1-percentage-point higher (8.25 percent) than the current rate:

	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Proportionate share of the net pension liability	611,460	383,920	194,233

Pension plan fiduciary net position. Detailed information about the LGDTF's fiduciary net position is available in PERA's comprehensive annual financial report which can be obtained at www.copera.org/investments/pera-financial-reports.

Changes between the measurement date of the net pension liability and December 31, 2018.

During the 2018 legislative session, the Colorado General Assembly passed significant pension reform through SB 18-200: Concerning Modifications to the Public Employees' Retirement Association Hybrid Defined Benefit Plan Necessary to Eliminate with a High Probability the Unfunded Liability of the Plan Within the Next Thirty Years. The bill was signed into law by Governor Hickenlooper on June 4, 2018. SB 18-200 makes changes to the plans administered by PERA with the goal of eliminating the unfunded actuarial accrued liability of the Division Trust Funds and thereby reach a 100 percent funded ratio for each division within the next 30 years.

A brief description of some of the major changes to plan provisions required by SB 18-200 are listed below. A full copy of the bill can be found online at www.leg.colorado.gov.

- Increases employer contribution rates by 0.25 percent on July 1, 2019.
- Increases employee contribution rates by a total of 2 percent (to be phased in over a period of 3 years starting on July 1, 2019).

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018**

NOTE 9 DEFINED BENEFIT PENSION PLAN (Continued)

- Directs the state to allocate \$225 million each year to PERA starting on July 1, 2018. A portion of the direct distribution will be allocated to the LGDTF based on the proportionate amount of annual payroll of the LGDTF to the other divisions eligible for the direct distribution.
- Modifies the retirement benefits, including temporarily suspending and reducing the annual increase for all current and future retirees, modifying the highest average salary for employees with less than five years of service credit on December 31, 2019 and raises the retirement age for new employees.
- Member contributions, employer contributions, the direct distribution from the state, and the annual increases will be adjusted based on certain statutory parameters beginning July 1, 2020, and then each year thereafter, to help keep PERA on path to full funding in 30 years.

At December 31, 2018, the Cucharas Sanitation and Water District reported a liability of \$383,920 for its proportionate share of the net pension liability which was measured using the plan provisions in effect as of the pension plan's year-end based on a discount rate of 4.78%. For comparative purposes, the following schedule presents an estimate of what the Cucharas Sanitation and Water District's proportionate share of the net pension liability and associated discount rate would have been had the provisions of SB 18-200, applicable to the LGDTF, become law on December 31, 2017. This pro forma information was prepared using the fiduciary net position of the LGDTF as of December 31, 2017. Future net pension liabilities reported could be materially different based on changes in investment markets, actuarial assumptions, plan experience and other factors.

Estimated Discount Rate Calculated Using Plan Provisions Required by SB 18-200 (pro forma)	Proportionate Share of the Estimated Net Pension Liability Calculated Using Plan Provisions Required by SB 18-200 (pro forma)
7.25%	271,553

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 10 **OTHER POST-EMPLOYMENT BENEFITS**

Defined Benefit Plan - Other Post Employment Benefit (OPEB) Plan

Summary of Significant Accounting Policies

OPEB. Cucharas Sanitation and Water District participates in the Health Care Trust Fund (HCTF), a cost-sharing multiple-employer defined benefit OPEB fund administered by the Public Employees' Retirement Association of Colorado ("PERA"). The net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, OPEB expense, information about the fiduciary net position and additions to/deductions from the fiduciary net position of the HCTF have been determined using the economic resources measurement focus and the accrual basis of accounting. For this purpose, benefits paid on behalf of health care participants are recognized when due and/or payable in accordance with the benefit terms. Investments are reported at fair value.

General Information about the OPEB Plan

Plan Plan description. Eligible employees of the Cucharas Sanitation and Water District are provided with OPEB through the HCTF—a cost-sharing multiple-employer defined benefit OPEB plan administered by PERA. The HCTF is established under Title 24, Article 51, Part 12 of the Colorado Revised Statutes (C.R.S.), as amended. Colorado State law provisions may be amended from time to time by the Colorado General Assembly. Title 24, Article 51, Part 12 of the C.R.S., as amended, sets forth a framework that grants authority to the PERA Board to contract, self-insure, and authorize disbursements necessary in order to carry out the purposes of the PERACare program, including the administration of the premium subsidies. Colorado State law provisions may be amended from time to time by the Colorado General Assembly. PERA issues a publicly available comprehensive annual financial report that can be obtained at www.copera.org/investments/pera-financial-reports.

Benefits provided. The HCTF provides a health care premium subsidy to eligible participating PERA benefit recipients and retirees who choose to enroll in one of the PERA health care plans, however, the subsidy is not available if only enrolled in the dental and/or vision plan(s). The health care premium subsidy is based upon the benefit structure under which the member retires and the member's years of service credit. For members who retire having service credit with employers in the Denver Public Schools (DPS) Division and one or more of the other four Divisions (State, School, Local Government and Judicial), the premium subsidy is allocated between the HCTF and the Denver Public Schools Health Care Trust Fund (DPS HCTF). The basis for the amount of the premium subsidy funded by each trust fund is the percentage of the member contribution account balance from each division as it relates to the total member contribution account balance from which the retirement benefit is paid.

C.R.S. § 24-51-1202 et seq. specifies the eligibility for enrollment in the health care plans offered by PERA and the amount of the premium subsidy. The law governing a benefit recipient's eligibility for the subsidy and the amount of the subsidy differs slightly depending under which benefit structure the benefits are calculated. All benefit recipients under the PERA benefit structure and all retirees under the DPS benefit structure are eligible for a premium subsidy, if enrolled in a health care plan under PERACare. Upon the death of a DPS benefit structure retiree, no further subsidy is paid.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018

NOTE 10 **OTHER POST EMPLOYMENT BENEFITS (Continued)**

Enrollment in the PERACare is voluntary and is available to benefit recipients and their eligible dependents, certain surviving spouses, and divorced spouses and guardians, among others. Eligible benefit recipients may enroll into the program upon retirement, upon the occurrence of certain life events, or on an annual basis during an open enrollment period.

PERA Benefit Structure

The maximum service-based premium subsidy is \$230 per month for benefit recipients who are under 65 years of age and who are not entitled to Medicare; the maximum service-based subsidy is \$115 per month for benefit recipients who are 65 years of age or older or who are under 65 years of age and entitled to Medicare. The basis for the maximum service-based subsidy, in each case, is for benefit recipients with retirement benefits based on 20 or more years of service credit. There is a 5 percent reduction in the subsidy for each year less than 20. The benefit recipient pays the remaining portion of the premium to the extent the subsidy does not cover the entire amount.

For benefit recipients who have not participated in Social Security and who are not otherwise eligible for premium-free Medicare Part A for hospital-related services, C.R.S. § 24-51-1206(4) provides an additional subsidy. According to the statute, PERA cannot charge premiums to benefit recipients without Medicare Part A that are greater than premiums charged to benefit recipients with Part A for the same plan option, coverage level, and service credit. Currently, for each individual PERACare enrollee, the total premium for Medicare coverage is determined assuming plan participants have both Medicare Part A and Part B and the difference in premium cost is paid by the HCTF or the DPS HCTF on behalf of benefit recipients not covered by Medicare Part A.

DPS Benefit Structure

The maximum service-based premium subsidy is \$230 per month for retirees who are under 65 years of age and who are not entitled to Medicare; the maximum service-based subsidy is \$115 per month for retirees who are 65 years of age or older or who are under 65 years of age and entitled to Medicare. The basis for the maximum subsidy, in each case, is for retirees with retirement benefits based on 20 or more years of service credit. There is a 5 percent reduction in the subsidy for each year less than 20. The retiree pays the remaining portion of the premium to the extent the subsidy does not cover the entire amount.

For retirees who have not participated in Social Security and who are not otherwise eligible for premium-free Medicare Part A for hospital-related services, the HCTF or the DPS HCTF pays an alternate service-based premium subsidy. Each individual retiree meeting these conditions receives the maximum \$230 per month subsidy reduced appropriately for service less than 20 years, as described above. Retirees who do not have Medicare Part A pay the difference between the total premium and the monthly subsidy.

Contributions. Pursuant to Title 24, Article 51, Section 208(1)(f) of the C.R.S., as amended, certain contributions are apportioned to the HCTF. PERA-affiliated employers of the State, School, Local Government, and Judicial Divisions are required to contribute at a rate of 1.02 percent of PERA-includable salary into the HCTF.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018

NOTE 10 **OTHER POST EMPLOYMENT BENEFITS (Continued)**

Employer contributions are recognized by the HCTF in the period in which the compensation becomes payable to the member and the Cucharas Sanitation and Water District is statutorily committed to pay the contributions. Employer contributions recognized by the HCTF from Cucharas Sanitation and Water District were \$2,223 for the year ended December 31, 2018.

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

At December 31, 2018, the Cucharas Sanitation and Water District reported a liability of \$34,820 for its proportionate share of the net OPEB liability. The net OPEB liability for the HCTF was measured as of December 31, 2017, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of December 31, 2016. Standard update procedures were used to roll-forward the total OPEB liability to December 31, 2017. The Cucharas Sanitation and Water District proportion of the net OPEB liability was based on Cucharas Sanitation and Water District contributions to the HCTF for the calendar year 2017 relative to the total contributions of participating employers to the HCTF.

At December 31, 2017, the Cucharas Sanitation and Water District proportion was 0.00268 percent, which was a decrease of 0.00001 percent from its proportion measured as of December 31, 2016.

For the year ended December 31, 2018, the Cucharas Sanitation and Water District recognized OPEB expense of \$456. At December 31, 2018, the Cucharas Sanitation and Water District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	165	-
Changes of assumptions or other inputs	-	-
Net difference between projected and actual earnings on OPEB plan investments	-	(583)
Changes in proportion and differences between contributions recognized and proportionate share of contributions	-	(135)
Contributions subsequent to the measurement date	2,224	N/A
Total	2,389	(718)

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018

NOTE 10 **OTHER POST EMPLOYMENT BENEFITS (Continued)**

\$2,224 reported as deferred outflows of resources related to OPEB, resulting from contributions subsequent to the measurement date, will be recognized as a reduction of the net OPEB liability in the year ended December 31, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year ended December 31,	
2019	(140)
2020	(140)
2021	(140)
2022	(140)
2023	6
Thereafter	1

Actuarial assumptions. The total OPEB liability in the December 31, 2016 actuarial valuation was determined using the following actuarial cost method, actuarial assumptions and other inputs:

Actuarial cost method	Entry age
Price inflation	2.40 percent
Real wage growth	1.10 percent
Wage inflation	3.50 percent
Salary increases, including wage inflation	3.50 percent in aggregate
Long-term investment rate of return, net of pension plan investment expenses, including price inflation	7.25 percent
Discount rate	7.25 percent
Health care cost trend rates	
PERA benefit structure:	
Service-based premium subsidy	0.00 percent
PERACare Medicare plans	5.00 percent
Medicare Part A premiums	3.00 percent for 2017, gradually rising to 4.25 percent in 2023
DPS benefit structure:	
Service-based premium subsidy	0.00 percent
PERACare Medicare plans	N/A
Medicare Part A premiums	N/A

The calculations are based on the benefits provided under the terms of the substantive plan in effect at the time of each actuarial valuation and on the pattern of sharing of costs between employers of each fund to that point.

Health care cost trend rates reflect the change in per capita health costs over time due to factors such as medical inflation, utilization, plan design, and technology improvements. For the PERA benefit structure, health care cost trend rates are needed to project the future costs associated with providing benefits to those PERACare enrollees not eligible for premium-free Medicare Part A.

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018**

NOTE 10 OTHER POST EMPLOYMENT BENEFITS (Continued)

Health care cost trend rates for the PERA benefit structure are based on published annual health care inflation surveys in conjunction with actual plan experience (if credible), building block models and heuristics developed by health plan actuaries and administrators, and projected trends for the Federal Hospital Insurance Trust Fund (Medicare Part A premiums) provided by the Centers for Medicare & Medicaid Services. Effective December 31, 2016, the health care cost trend rates for Medicare Part A premiums were revised to reflect the current expectation of future increases in rates of inflation applicable to Medicare Part A premiums.

The PERA benefit structure health care cost trend rates that were used to measure the total OPEB liability are summarized in the table below:

Year	PERACare Medicare Plans	Medicare Part A Premiums
2017	5.00%	3.00%
2018	5.00%	3.25%
2019	5.00%	3.50%
2020	5.00%	3.75%
2021	5.00%	4.00%
2022	5.00%	4.00%
2023	5.00%	4.25%
2024+	5.00%	4.25%

The Mortality assumptions for the determination of the total pension liability for each of the Division Trust Funds as shown below are applied, as applicable, in the determination of the total OPEB liability for the HCTF. Affiliated employers of the State, School, Local Government, and Judicial Divisions participate in the HCTF.

Healthy mortality assumptions for active members were based on the RP-2014 White Collar Employee Mortality Table, a table specifically developed for actively working people. To allow for an appropriate margin of improved mortality prospectively, the mortality rates incorporate a 70 percent factor applied to male rates and a 55 percent factor applied to female rates.

Healthy, post-retirement mortality assumptions for the State and Local Government Divisions were based on the RP-2014 Healthy Annuitant Mortality Table, adjusted as follows:

- Males: Mortality improvement projected to 2018 using the MP-2015 projection scale, a 73 percent factor applied to rates for ages less than 80, a 108 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.
- Females: Mortality improvement projected to 2020 using the MP-2015 projection scale, a 78 percent factor applied to rates for ages less than 80, a 109 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018**

NOTE 10 OTHER POST EMPLOYMENT BENEFITS (Continued)

Healthy, post-retirement mortality assumptions for the School and Judicial Divisions were based on the RP-2014 White Collar Healthy Annuitant Mortality Table, adjusted as follows:

- **Males: Mortality improvement projected to 2018 using the MP-2015 projection scale, a 93 percent factor applied to rates for ages less than 80, a 113 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.**
- **Females: Mortality improvement projected to 2020 using the MP-2015 projection scale, a 68 percent factor applied to rates for ages less than 80, a 106 percent factor applied to rates for ages 80 and above, and further adjustments for credibility.**

For disabled retirees, the mortality assumption was based on 90 percent of the RP-2014 Disabled Retiree Mortality Table.

The following economic and demographic assumptions were specifically developed for, and used in, the measurement of the obligations for the HCTF:

- **The assumed rates of PERACare participation were revised to reflect more closely actual experience.**
- **Initial per capita health care costs for those PERACare enrollees under the PERA benefit structure who are expected to attain age 65 and older ages and are not eligible for premium-free Medicare Part A benefits were updated to reflect the change in costs for the 2017 plan year.**
- **The percentages of PERACare enrollees who will attain age 65 and older ages and are assumed to not qualify for premium-free Medicare Part A coverage were revised to more closely reflect actual experience.**
- **The percentage of disabled PERACare enrollees who are assumed to not qualify for premium-free Medicare Part A coverage were revised to reflect more closely actual experience.**
- **Assumed election rates for the PERACare coverage options that would be available to future PERACare enrollees who will qualify for the “No Part A Subsidy” when they retire were revised to more closely reflect actual experience.**
- **Assumed election rates for the PERACare coverage options that will be available to those current PERACare enrollees, who qualify for the “No Part A Subsidy” but have not reached age 65, were revised to more closely reflect actual experience.**

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018**

NOTE 10 OTHER POST EMPLOYMENT BENEFITS (Continued)

- The health care cost trend rates for Medicare Part A premiums were revised to reflect the then-current expectation of future increases in rates of inflation applicable to Medicare Part A premiums.
- The rates of PERAcare coverage election for spouses of eligible inactive members and future retirees were revised to more closely reflect actual experience.
- The assumed age differences between future retirees and their participating spouses were revised to reflect more closely actual experience.

The actuarial assumptions used in the December 31, 2016, valuations were based on the results of the 2016 experience analysis for the periods January 1, 2012, through December 31, 2015, as well as, the October 28, 2016, actuarial assumptions workshop and were adopted by the PERA Board during the November 18, 2016, Board meeting. In addition, certain actuarial assumptions pertaining to per capita health care costs and their related trends are analyzed and reviewed by PERA's actuary, as needed.

The long-term expected return on plan assets is reviewed as part of regular experience studies prepared every four or five years for PERA. Recently, this assumption has been reviewed more frequently. The most recent analyses were outlined in presentations to PERA's Board on October 28, 2016.

Several factors were considered in evaluating the long-term rate of return assumption for the HCTF, including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation) were developed for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation.

As of the most recent adoption of the long-term expected rate of return by the PERA Board, the target asset allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO BASIC FINANCIAL STATEMENTS
December 31, 2018**

NOTE 10 OTHER POST EMPLOYMENT BENEFITS (Continued)

Asset Class	Target Allocation	30 Year Expected Geometric Real Rate of Return
U.S. Equity – Large Cap	21.20%	4.30%
U.S. Equity – Small Cap	7.42%	4.80%
Non U.S. Equity – Developed	18.55%	5.20%
Non U.S. Equity – Emerging	5.83%	5.40%
Core Fixed Income	19.32%	1.20%
High Yield	1.38%	4.30%
Non U.S. Fixed Income - Developed	1.84%	0.60%
Emerging Market Debt	0.46%	3.90%
Core Real Estate	8.50%	4.90%
Opportunity Fund	6.00%	3.80%
Private Equity	8.50%	6.60%
Cash	1.00%	0.20%
Total	100.00%	

*In setting the long-term expected rate of return, projections employed to model future returns provide a range of expected long-term returns that, including expected inflation, ultimately support a long-term expected rate of return assumption of 7.25%.

Sensitivity of the Cucharas Sanitation and Water District proportionate share of the net OPEB liability to changes in the Health Care Cost Trend Rates. The following presents the net OPEB liability using the current health care cost trend rates applicable to the PERA benefit structure, as well as if it were calculated using health care cost trend rates that are one percentage point lower or one percentage point higher than the current rates:

	1% Decrease in Trend Rates	Current Trend Rates	1% Increase in Trend Rates
PERACare Medicare trend rate	4.00%	5.00%	6.00%
Initial Medicare Part A trend rate	2.00%	3.00%	4.00%
Ultimate Medicare Part A trend rate	3.25%	4.25%	5.25%
Net OPEB Liability	33,862	34,820	35,974

Discount rate. The discount rate used to measure the total OPEB liability was 7.25 percent. The projection of cash flows used to determine the discount rate applied the actuarial cost method and assumptions shown above. In addition, the following methods and assumptions were used in the projection of cash flows:

- Updated health care cost trend rates for Medicare Part A premiums as of the December 31, 2017, measurement date.

CUCHARAS SANITATION AND WATER DISTRICT
 NOTES TO BASIC FINANCIAL STATEMENTS
 December 31, 2018

NOTE 10 **OTHER POST EMPLOYMENT BENEFITS (Continued)**

- Total covered payroll for the initial projection year consists of the covered payroll of the active membership present on the valuation date and the covered payroll of future plan members assumed to be hired during the year. In subsequent projection years, total covered payroll was assumed to increase annually at a rate of 3.50%.
- Employer contributions were assumed to be made at rates equal to the fixed statutory rates specified in law and effective as of the measurement date. For future plan members, employer contributions were reduced by the estimated amount of total service costs for future plan members.
- Employer contributions and the amount of total service costs for future plan members were based upon a process used by the plan to estimate future actuarially determined contributions assuming an analogous future plan member growth rate.
- Transfers of a portion of purchase service agreements intended to cover the costs associated with OPEB benefits were estimated and included in the projections.
- Benefit payments and contributions were assumed to be made at the end of the month.

Based on the above assumptions and methods, the projection test indicates the HCTF's fiduciary net position was projected to make all projected future benefit payments of current members. Therefore, the long-term expected rate of return of 7.25 percent on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability. The discount rate determination does not use the municipal bond index rate, and therefore, the discount rate is 7.25 percent.

Sensitivity of the Cucharas Sanitation and Water District proportionate share of the net OPEB liability to changes in the discount rate. The following presents the proportionate share of the net OPEB liability calculated using the discount rate of 7.25 percent, as well as what the proportionate share of the net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.25 percent) or 1-percentage-point higher (8.25 percent) than the current rate:

	1% Decrease (6.25%)	Current Discount Rate (7.25%)	1% Increase (8.25%)
Proportionate share of the net OPEB liability	39,149	34,820	31,126

OPEB plan fiduciary net position. Detailed information about the HCTF's fiduciary net position is available in PERA's comprehensive annual financial report which can be obtained at www.copera.org/investments/pera-financial-reports.

**CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018**

NOTE 11 COLORADO SPECIAL DISTRICTS PROPERTY AND LIABILITY POOL

The District is one of approximately 360 special districts which are members of the Colorado Special Districts Property and Liability Pool (Pool) as of December 31, 2018. The Pool is an organization created by intergovernmental agreement to provide property and general liability, automobile physical damage and liability, public officials liability and boiler and machinery coverage to its members. The Pool provides coverage for property claims up to the values declared and liability and public officials coverage for claims up to \$1,000,000. The Pool is self insured for 100% of the first \$150,000 of all claims and covered 100% for claims in excess of 150,000 (not to exceed \$850,000).

Employment related wrongful termination claims are shared 50% with the Pool up to \$200,000 (\$100,000 Pool and \$100,000 District). The District is responsible for all claims in excess of \$200,000.

The District pays annual premiums to the Pool for liability, property and public officials coverage. In the event aggregated losses incurred by the Pool exceed amounts recoverable from insurance contracts and funds accumulated by the Pool, the Pool may require additional contributions from the Pool members. Any excess funds which the Pool determines are not needed for purposes of the Pool may be returned to the members pursuant to a distribution formula.

A summary of the latest available audited financial information for the Pool as of and for the year ended December 31, 2017 is as follows:

Assets	<u>56,602,888</u>
Liabilities	30,815,521
Capital and Surplus	<u>25,787,367</u>
	<u>56,602,888</u>
Revenue	20,082,198
Underwriting Expenses	<u>18,721,378</u>
Underwriting Gain (Loss)	1,360,820
Other Income - Investment	631,496
Other – Change in Non Admitted Assets	<u>(93,503)</u>
Net Income (Loss) and Changes	<u>1,898,813</u>

There is no current or long-term debt outstanding; the above liabilities represent incurred claims and an estimated liability for incurred but not reported claims at December 31, 2017.

CUCHARAS SANITATION AND WATER DISTRICT
NOTES TO FINANCIAL STATEMENTS
December 31, 2018

NOTE 12 **SELF-FUNDED INSURANCE PROGRAM**

The District has established a partially self-funded health and dental program. The plan administrators, Century Business Solutions, are responsible for the approval, processing and payment of claims after which they bill the District for reimbursement. The District is responsible for administrative fees.

Claims Incurred But Not Reported

At December 31, 2018, the District had an estimated liability of \$420. This liability represents reported and unreported claims which were incurred on or before December 31, 2018 but had not been paid by the District at that date. The amounts incurred not reported to the District were estimated using historical cost data provided by the plan administrator. No additional payments for 2018 claims had been made through June 28, 2019.

NOTE 13 **RESTATEMENT OF BEGINNING NET POSITION**

The net position has been restated to reflect the implementation of GASB Statement 75. That statement requires that the District report their portion of any post employment benefit (OPEB) liability, and related deferred flows. The beginning net position of \$8,087,669 has been changed by the net OPEB liability at December 31, 2017 of \$(34,900) and related deferred flows of \$2,207, resulting in a restated beginning net position of \$8,054,976.

REQUIRED SUPPLEMENTARY INFORMATION

PENSION TREND DATA

OPEB TREND DATA

CUCCHARAS SANITATION AND WATER DISTRICT
SCHEDULE OF PROPORTIONATE SHARE OF NET PENSION LIABILITY
For The Last 10 Fiscal Years (As Available)

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
District's proportion of the net pension liability (asset)	.0345%	.0350%	.0338%	.0397%	-	-	-	-	-	-
District's proportionate share of the net pension liability (asset)	\$383,920	\$473,517	\$372,348	\$355,725	-	-	-	-	-	-
District's covered payroll	\$218,013	\$216,330	\$212,546	\$191,965	-	-	-	-	-	-
District's proportionate share of the net pension liability (asset) as a percentage of its covered payroll	176%	218%	175%	185%	-	-	-	-	-	-
Plan fiduciary net position as a percentage of the total pension liability	79.36%	73.64%	76.87%	80.72%	-	-	-	-	-	-

CUCHARAS SANITATION AND WATER DISTRICT
SCHEDULE OF DISTRICT CONTRIBUTIONS
For The Last 10 Fiscal Years (As Available)

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Contractually required contributions	\$ 27,644	\$ 27,430	\$ 26,951	\$ 24,341	\$ 27,576	\$ 28,767	-	-	-	-
Contributions in relation to the contractually required contributions	<u>\$ (27,644)</u>	<u>\$ (27,430)</u>	<u>\$ (26,951)</u>	<u>\$ (24,341)</u>	<u>\$ (27,576)</u>	<u>\$ (28,767)</u>	-	-	-	-
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	-	-	-	-
District's covered payroll	\$218,013	\$216,330	\$212,546	\$191,965	\$ 217,471	\$226,830	-	-	-	-
Contributions as a percentage of covered payroll	12.68%	12.68%	12.68%	12.68%	12.68%	12.68%	-	-	-	-

The accompanying notes are an integral part of these financial statements.

CUCCHARAS SANITATION AND WATER DISTRICT
SCHEDULE OF PROPORTIONATE SHARE OF NET OTHER POST EMPLOYMENT BENEFIT LIABILITY
For The Last 10 Fiscal Years (As Available)

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
District's proportion of the net OPEB liability (asset)	.00268%	.00269%	-	-	-	-	-	-	-	-
District's proportionate share of the net OPEB liability (asset)	\$34,820	\$34,900	-	-	-	-	-	-	-	-
District's covered payroll	\$218,013	\$216,330	-	-	-	-	-	-	-	-
District's proportionate share of the net OPEB liability (asset) as a percentage of its covered payroll	15.97%	16.13%	-	-	-	-	-	-	-	-
Plan fiduciary net position as a percentage of the total OPEB liability	17.53%	16.72%	-	-	-	-	-	-	-	-

The accompanying notes are an integral part of these financial statements.

**CUCHARAS SANITATION AND WATER DISTRICT
 SCHEDULE OF DISTRICT CONTRIBUTIONS - OPEB
 For The Last 10 Fiscal Years (As Available)**

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Contractually required contributions	\$ 2,223	\$ 2,207	-	-	-	-	-	-	-	-
Contributions in relation to the contractually required contributions	\$ (2,223)	\$ (2,207)	-	-	-	-	-	-	-	-
Contribution deficiency (excess)	\$ -	\$ -	-	-	-	-	-	-	-	-
District's covered payroll	\$218,013	\$216,330	-	-	-	-	-	-	-	-
Contributions as a percentage of covered payroll	1.02%	1.02%	-	-	-	-	-	-	-	-

The accompanying notes are an integral part of these financial statements.

SUPPLEMENTAL INFORMATION

**CUCHARAS SANITATION AND WATER DISTRICT
STATEMENT OF INCOME
BUDGET (NON-GAAP) AND ACTUAL
Year Ended December 31, 2018**

	<u>Budget</u>	<u>Actual</u>	<u>Variance- Favorable (Unfavorable)</u>
<u>OPERATING REVENUES</u>			
Service Fees	<u>670,166</u>	<u>659,210</u>	<u>(10,956)</u>
<u>OPERATING EXPENSES</u>			
Personnel	297,225	266,947	30,278
Directors Fees	6,000	5,050	950
Legal and Audit	36,145	48,358	(12,213)
Professional Services	51,055	36,636	14,419
Repair and Maintenance	66,450	53,303	13,147
Travel and Training	7,000	6,127	873
Utilities	73,130	52,288	20,842
Office and Telephone	17,950	18,964	(1,014)
Insurance	18,950	20,298	(1,348)
Other General & Administrative	21,075	21,563	(488)
Debt Service Principal & Interest	82,330	79,892	2,438
Capital Outlay	<u>414,000</u>	<u>149,746</u>	<u>264,254</u>
	<u>1,091,310</u>	<u>759,172</u>	<u>332,138</u>
<u>OPERATING LOSS</u>	<u>(421,144)</u>	<u>(99,962)</u>	
<u>OTHER OPERATING REVENUE AND EXPENSE</u>			
Property Tax - Operating	103,535	104,131	596
Augmentation Fees	1,800	2,040	240
Other Capital Revenues	-	10,000	10,000
Contingency/Reserves	(5,000)	-	5,000
County Treasurer Fees	(3,300)	(2,884)	416
Bad Debt Expense	-	-	-
Recoveries, Interest and Other	6,726	11,506	4,780
<u>OTHER NON OPERATING REVENUE AND EXPENSE</u>			
Interest Income	4,250	7,768	3,518
Property Tax - Debt	-	2,687	2,687
Capital Grants	92,500	12,500	(80,000)
Tap and Capital Fees	<u>30,000</u>	<u>-</u>	<u>(30,000)</u>
	<u>230,511</u>	<u>147,748</u>	<u>(82,763)</u>
<u>NET INCOME (LOSS)(NON-GAAP)</u>	<u>(190,633)</u>	47,786	
<u>RECONCILING ITEMS</u>			
Depreciation		(367,997)	
Debt Principal		56,813	
Debt Proceeds		-	
Capital Outlay		149,746	
Tap Fees		-	
Pension Cost		(88,859)	
Gain (Loss) on Disposition of Assets		(6)	
Change in Accrued Interest		<u>344</u>	
<u>NET INCOME (LOSS)-GAAP BASIS</u>		<u>(202,173)</u>	

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