

**Independent Auditor's Report**

Board of Directors  
Monument Sanitation District



**Report on the Financial Statements**

We have audited the accompanying financial statements of Monument Sanitation District (the "District") as of December 31, 2018 and 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements.

**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; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

**Auditor's Responsibility**

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audits 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 opinion.

**Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the District as of December 31, 2018 and 2017, and the change in financial position and cash flows for the years then ended, in accordance with accounting principles generally accepted in the United States.

**Change in Accounting Principle**

As discussed in Note 11 to the financial statements, in 2018 the District adopted new accounting guidance, Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Post Employment Benefits Other Than Pensions*. Our opinion is not modified with respect to this matter.



## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States (GAAP) require that the management discussion and analysis on pages 3 - 7, budgetary comparison information on pages 42-43, schedule of the District's proportionate share of the net pension liability on page 44, schedule of the District's required contributions to the local government division pension fund on page 45, schedule of the District's proportionate share of the net OPEB liability on page 46, and schedule of the District's required contributions to the health care trust fund on page 47 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the GASB, 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 GAAP, 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.

*Wipfli LLP*

Wipfli LLP

June 19, 2019

Denver, CO



# Monument Sanitation District

## Management Discussion and Analysis

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Monument Sanitation District's (the "District") management discussion and analysis (MD&A) is generally intended to (1) assist the reader in focusing on significant financial issues, (2) provide an overview of the District's financial activities, (3) identify changes in the District's financial position (its ability to meet future financial demands and conditions), (4) identify any material deviations from the governmental unit's financial plan (approved budget), and (5) identify individual fund issues or concerns.

The MD&A is provided at the beginning of the report to provide an overview of the District's financial position at December 31, 2018, and the results of operations for the year. This summary should not be taken as a replacement for the audit report, which consists of the basic financial statements, notes to the financial statements, and required supplementary information.

### Overview of the Sources and Uses of Revenue

The District collects user fees from residential and commercial customers. This revenue is used to fund the overhead and operations of the District. Tap fees are assessed to new customers and used for capital improvements to the District collection system and plant expansion. Interest income generated from these funds available for capital improvements is used to fund the District's overhead and operations. When property taxes are collected, they are used to pay the legal judgment associated with the Tri-Lakes Wastewater Treatment Facility (the "TLWWTF"). Also, the District charges rent to tenants for office space and uses these funds to maintain the building and to fund the District's overhead and operations.

### Current Year Financial Highlights

- The District's net position increased by \$125,757, or 2%, from 2017.
- User fees increased \$16,710, or 2.4%, from 2017.
- Total general and administrative expenses decreased \$78,865, or 14.6%, from 2017.

### Overview of the Financial Statements

The financial statements included in this annual report are as follows:

- Statements of Net Position – provide information about the nature and amounts of District assets, liabilities, and deferred inflow/outflows of resources. Net position reflects the difference between assets, liabilities, and deferred inflows/outflows of resources. An increase in net position over time typically indicates an improvement in financial condition.
- Statements of Revenues, Expenses, and Changes in Net Position – report the District's operating and non-operating revenues by major source, along with operating and non-operating expenses, and capital contributions.
- Statements of Cash Flows – provide information about the District's cash receipts, cash payments, and changes in cash resulting from operating activities, financing activities, and investing activities.

# Monument Sanitation District

## Management Discussion and Analysis

### Condensed Statements of Net Position

<i>As of December 31,</i>	2018	Restated 2017
Current Assets	\$ 543,576	\$ 844,896
Capital Assets - Net	3,984,827	4,141,166
Non-Current Restricted Assets	42,190	42,127
Investment in Joint Use Facility	2,426,763	2,526,845
<b>Total Assets</b>	<b>6,997,356</b>	<b>7,555,034</b>
Deferred Outflows of Resources	126,591	147,544
<b>Total Assets and Deferred Outflows of Resources</b>	<b>\$ 7,123,947</b>	<b>\$ 7,702,578</b>
Current Liabilities	\$ 83,250	\$ 422,949
Net Pension Liability	428,159	486,510
Net Other Post Employment Benefit (OPEB) Liability	38,833	35,854
Revenue Note Payable	300,000	330,000
<b>Total Liabilities</b>	<b>850,242</b>	<b>1,275,313</b>
Deferred Inflows of Resources	124,087	403,404
<b>Total Liabilities and Deferred Inflows of Resources</b>	<b>974,329</b>	<b>1,678,717</b>
Net Position		
Invested in Capital Assets - Net of Related Debt	3,984,827	4,141,166
Restricted - Revenue Note Reserve	42,190	42,127
Unrestricted	2,122,601	1,840,568
<b>Total Net Position</b>	<b>6,149,618</b>	<b>6,023,861</b>
<b>Total Liabilities, Deferred Inflows of Resources, and Net Position</b>	<b>\$ 7,123,947</b>	<b>\$ 7,702,578</b>

# Monument Sanitation District

## Management Discussion and Analysis

### Condensed Statements of Revenues, Expenses, and Changes in Net Position

<i>Years Ended December 31,</i>	2018	Restated 2017
User Fees	\$ 700,184	\$ 683,474
Tax Revenue	417,976	-
Rental and Interest Income	31,240	15,604
(Loss) from Investment in Joint Use Facility	(100,082)	(74,375)
Grant Revenue	-	1,523
Other Revenue	20,536	12,128
<b>Total Revenues</b>	<b>1,069,854</b>	<b>638,354</b>
Operation and Maintenance Expense	352,083	405,874
Depreciation Expense	199,235	196,016
General and Administrative Expense	462,079	540,944
<b>Total Expenses</b>	<b>1,013,397</b>	<b>1,142,834</b>
Income (Loss) Before Capital Contributions	56,457	(504,480)
Capital Contributions - Tap Fees	69,300	30,800
Increase (Decrease) in Net Position	125,757	(473,680)
Net Position - Beginning of Year, Restated	6,023,861	6,497,541
<b>Net Position - End of Year</b>	<b>\$ 6,149,618</b>	<b>\$ 6,023,861</b>

The District typically generates a net (loss) from operating activities. This is due to the depreciation expense charged to operations from capital improvements. Additions to capital improvements are reflected as non-operating revenue and expenses in the year of cash outlay.

### Budgetary Highlights

There were significant variations between budgeted and actual revenues and expenses for the year ended December 31, 2018. Actual expenses were above budgeted amounts by \$76,115, and actual revenues were above budgeted amounts by \$99,139. The significant differences between actual and budgeted revenue was due to tap fee revenue, which were over budget by \$44,300, and user fees were over budget by \$25,184. Significant differences between actual and budgeted expenses were joint use fees being over budget by \$33,893, pension expense was over budget by \$87,976, and capital improvements (JUC and District) which was under budget by \$72,173.

# Monument Sanitation District Management Discussion and Analysis

## Capital Assets

Summarized below are the changes in capital assets:

<i>Years Ended December 31,</i>	2018	2017
Beginning Capital Assets	\$ 4,141,166	\$ 4,286,906
Additions/Reclassifications - Net:		
Construction in Process	-	(17,439)
Equipment and Capital Improvement	42,896	67,715
Depreciation Expense	(199,235)	(196,016)
Ending Capital Assets	\$ 3,984,827	\$ 4,141,166

## Tri-Lakes Wastewater Treatment Facility Improvements and Litigation

The Monument Sanitation District, the Woodmoor Water and Sanitation District #1 (“Woodmoor”), and the Palmer Lake Sanitation District (“Palmer”) provide wastewater treatment at the Tri-Lakes Wastewater Treatment Facility (TLWWTF), which is operated as a joint venture under the Amended Joint Use of Facilities Agreement dated June 6, 1996. The TLWWTF assets and liabilities are commonly owned by each district in an equal, undivided one-third interest.

In 2014, TLWWTF began incurring costs relating to construction improvements and nutrient removal in order to comply with new Federal and State regulations. The costs of construction and nutrient removal were originally allocated amongst the three districts based on ownership of capacity at TLWWTF. The District’s ownership of capacity is 19.79%; Palmer’s ownership of capacity is 15.93%; and Woodmoor’s ownership of capacity is 64.28%.

To fund the costs of the improvements, the District entered into a revenue note agreement in the amount of \$400,000, and was also awarded a cooperative grant (along with Woodmoor and Palmer) from the State of Colorado in the amount of \$1,080,000.

The revenue note bears interest at 3.61%, and matures in December 2028. Under the terms of the agreement, the District was required to establish a debt reserve to cover principal and interest payments in the event of default. As of December 31, 2018 and 2017, the balance of the note was \$330,000 and \$355,000, respectively, and the balance of the debt reserve was \$42,190 and \$42,127, respectively.

# Monument Sanitation District Management Discussion and Analysis

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## Tri-Lakes Wastewater Treatment Facility Improvements and Litigation (Continued)

In February 2015, Woodmoor filed a claim against the District and Palmer regarding the allocation of the costs of construction improvements and nutrient removal at TLWWTF. Woodmoor claimed that the costs of improvement should be allocated between the three districts based on an ownership share of one-third per district. The District and Palmer claimed the improvements should be allocated based on ownership of capacity. In May 2016, the court ruled that the costs of construction improvements and nutrient removal should be allocated based on the one-third ownership share of each district. The District appealed the ruling and in May 2017 was notified it had lost the appeal and would be required to pay one-third of the costs of construction improvements and nutrient removal at TLWWTF. As of December 31, 2018 and 2017, total construction improvement and nutrient removal costs incurred by TLWWTF were \$3,692,854, for both years. The total remaining amounts due to TLWWTF at December 31, 2018 and 2017, based on one-third ownership, were \$-0- and \$438,513, respectively. Additionally, because the cooperative grant funds were originally allocated to the District based on ownership of capacity, an additional \$101,274 of grant funds were due to the District at December 31, 2016, and was collected in 2017 as part of the settlement agreement.

## Other Items

### *User Fees*

For the years ended December 31, 2018 and 2017, the District's Board of Directors had approved user fees as follows:

Residential Fees	\$35 per month
Commercial Fees	\$35 per month up to 5,000 gallons \$5.10 per 1,000 gallons thereafter

### *New Accounting Pronouncement*

As of and for the year ended December 31, 2018, the District implemented Governmental Accounting Standards Board (GASB) Statement No. 75, *Accounting and Financial Reporting for Post Employment Benefits Other Than Pensions*. The primary objective of this statement is to improve accounting and financial reporting by State and local governments for other post employment benefit obligations. It also improves information provided by State and local governmental employers about financial support for post employment benefit obligations that is provided by other entities. The result of the implementation of this standard was to decrease the net position by retrospectively restating the balance as of December 31, 2017, in the amount of \$35,854.

# Monument Sanitation District

## Statements of Net Position - Proprietary Fund

<i>As of December 31,</i>	2018	Restated 2017
<b>Current Assets:</b>		
Cash and Cash Equivalents:		
In Banks and On Hand	\$ 300,074	\$ 252,440
In Colorado Local Government Liquid Asset Trust	134,789	68,697
<b>Total Cash and Cash Equivalents</b>	<b>434,863</b>	<b>321,137</b>
Receivables:		
Taxes	-	401,997
User Fees	53,343	52,957
Tap Fees - Wakonda Hills	40,182	44,984
Deposits	-	412
Other	3,478	5,658
<b>Total Receivables</b>	<b>97,003</b>	<b>506,008</b>
Prepaid Expenses	11,710	17,751
<b>Total Current Assets</b>	<b>543,576</b>	<b>844,896</b>
<b>Non-Current Assets:</b>		
Capital Assets:		
Office Building and Land	401,433	401,433
Office Building Improvements	352,993	343,127
Collection System	3,526,640	3,493,610
Office Equipment	43,355	43,355
Equipment	39,495	39,495
ARRA Wakonda Hills Collection System	2,000,000	2,000,000
	6,363,916	6,321,020
Less: Accumulated Depreciation	(2,379,089)	(2,179,854)
<b>Capital Assets - Net</b>	<b>3,984,827</b>	<b>4,141,166</b>
Investment in Joint Use Facility	2,426,763	2,526,845
Revenue Note Reserve Account - Restricted	42,190	42,127
<b>Total Non-Current Assets</b>	<b>6,453,780</b>	<b>6,710,138</b>
<b>Total Assets</b>	<b>6,997,356</b>	<b>7,555,034</b>
<b>Deferred Outflows of Resources:</b>		
Related to Pensions	121,501	147,544
Related to Other Post Employment Benefit (OPEB) Obligations	5,090	-
<b>Total Deferred Outflow of Resources</b>	<b>126,591</b>	<b>147,544</b>
<b>TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>	<b>\$ 7,123,947</b>	<b>\$ 7,702,578</b>

See accompanying notes to financial statements.

# Monument Sanitation District

## Statements of Net Position - Proprietary Fund (Continued)

<i>As of December 31,</i>	2018	Restated 2017
<b>Current Liabilities:</b>		
Accounts Payable - Trade	\$ 24,998	\$ 362,400
Payroll Taxes Payable and Accrued Vacation	28,252	35,549
Revenue Note Payable - Due Within One Year	30,000	25,000
<b>Total Current Liabilities</b>	83,250	422,949
<b>Long-Term Debt and Liabilities:</b>		
Net Pension Liability	428,159	486,510
Other Post Employment Benefit (OPEB) Liability	38,833	35,854
Revenue Note Payable - Due After One Year	300,000	330,000
<b>Total Long-Term Debt and Liabilities</b>	766,992	852,364
<b>Total Liabilities</b>	850,242	1,275,313
<b>Deferred Inflows of Resources:</b>		
Related to Pensions	123,437	1,407
Related to Other Post Employment Benefit Obligations (OPEB)	650	-
Related to Taxes	-	401,997
<b>Total Deferred Inflows of Resources</b>	124,087	403,404
<b>Total Liabilities and Deferred Inflows of Resources</b>	974,329	1,678,717
<b>Net Position:</b>		
Invested in Capital Assets - Net of Related Debt	3,984,827	4,141,166
Revenue Note Reserve Account - Restricted	42,190	42,127
Unrestricted	2,122,601	1,840,568
<b>Total Net Position</b>	6,149,618	6,023,861
<b>TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND NET POSITION</b>	\$ 7,123,947	\$ 7,702,578

See accompanying notes to financial statements.

# Monument Sanitation District

## Statements of Revenues, Expenses, and Changes in Net Position - Proprietary Fund

<i>Years Ended December 31,</i>	2018	Restated 2017
<b>Operating Revenues</b>		
User Fees	\$ 700,184	\$ 683,474
<b>Operating Expenses</b>		
Depreciation	199,235	196,016
Vehicle Expenses	675	750
Engineering Fees	15,655	8,047
Repairs and Maintenance	75,276	55,262
Sewage Treatment and Disposal - Joint Use Facility	260,477	341,815
<b>Total Operating Expenses</b>	<b>551,318</b>	<b>601,890</b>
<b>Gross Income From Operations</b>	<b>148,866</b>	<b>81,584</b>
<b>General and Administrative Expenses</b>		
Accounting	19,765	20,945
Insurance and Bonding	39,108	48,752
Interest	12,816	13,538
Legal and Professional Fees	13,405	43,561
Office Supplies and Expenses	41,662	32,635
Payroll Taxes	3,667	4,605
Pension and OPEB Expense	114,006	99,528
Rent	5,736	2,600
Salaries	192,771	255,944
Telephone and Utilities	19,143	18,836
<b>Total General and Administrative Expenses</b>	<b>462,079</b>	<b>540,944</b>
<b>(Loss) From Operations</b>	<b>(313,213)</b>	<b>(459,360)</b>
<b>Non-Operating Revenues (Expenses)</b>		
Rental Income	27,650	13,200
Interest Income	3,590	2,404
Tax Revenue	417,976	-
Grant Revenue	-	1,523
Other Revenue	20,536	12,128
(Loss) from Investment in Joint Use Facility	(100,082)	(74,375)
<b>Non-Operating Revenues (Expenses) - Net</b>	<b>369,670</b>	<b>(45,120)</b>
<b>Income (Loss) Before Capital Contributions</b>	<b>56,457</b>	<b>(504,480)</b>
<b>Capital Contributions - Tap Fees</b>	<b>69,300</b>	<b>30,800</b>
<b>Increase (Decrease) in Net Position</b>	<b>125,757</b>	<b>(473,680)</b>
<b>Net Position - Beginning of Year</b>	<b>6,023,861</b>	<b>6,497,541</b>
<b>Net Position - End of Year</b>	<b>\$ 6,149,618</b>	<b>\$ 6,023,861</b>

See accompanying notes to financial statements.

# Monument Sanitation District

## Statements of Cash Flows - Proprietary Fund

<i>Years Ended December 31,</i>	2018	Restated 2017
<b>Cash Flows From Operating Activities:</b>		
Cash Received from Customers	\$ 702,391	\$ 678,309
Cash Payments to Suppliers for Goods and Services	(879,882)	(780,599)
Cash Payments to Employees for Services	(184,678)	(219,883)
<b>Net Cash Flows From Operating Activities</b>	<b>(362,169)</b>	<b>(322,173)</b>
<b>Cash Flows From Non-Capital Financing Activities:</b>		
Grant Revenue	-	102,796
Tax Revenue	417,976	-
Other Revenue	20,536	12,128
<b>Net Cash Flows From Non-Capital Financing Activities</b>	<b>438,512</b>	<b>114,924</b>
<b>Cash Flows From Capital and Related Financing Activities:</b>		
Capital Contributed - Sewer Tap Fees	74,102	39,501
Revenue Note Payable	(25,000)	(20,000)
Acquisition of Capital Assets - Net	(42,896)	(50,276)
<b>Net Cash Flows From Capital and Related Financing Activities</b>	<b>6,206</b>	<b>(30,775)</b>
<b>Cash Flows From Investing Activities:</b>		
Rental Income	27,650	13,200
Transfer to in Revenue Note Reserve Account - Restricted	(63)	(21)
Interest Received	3,590	2,404
<b>Net Cash Flows From Investing Activities</b>	<b>31,177</b>	<b>15,583</b>
<b>Net Increase (Decrease) in Cash and Cash Equivalents</b>	<b>113,726</b>	<b>(222,441)</b>
<b>Cash and Cash Equivalents - Beginning of Year</b>	<b>321,137</b>	<b>543,578</b>
<b>Cash and Cash Equivalents - End of Year</b>	<b>\$ 434,863</b>	<b>\$ 321,137</b>
<b>Reconciliation of Operating (Loss) To Net Cash From Operating Activities:</b>		
<b>(Loss) From Operations</b>	<b>\$ (313,213)</b>	<b>\$ (459,360)</b>
<b>Net Cash From Operating Activities:</b>		
Depreciation	199,235	196,016
<b>Changes in Assets and Liabilities:</b>		
(Increase) Decrease in Receivables	404,204	(5,164)
Decrease in Prepaid Expenses	6,041	1,088
Decrease in Accounts Payable - Trade	(337,403)	(115,265)
Decrease in Payroll Taxes Payable and Accrued Vacation	(7,297)	(8,665)
Increase (Decrease) in Net Pension Liability	(58,351)	82,106
Increase in OPEB Liability	2,979	-
(Increase) Decrease in Deferred Outflows	20,953	(6,915)
Decrease in Deferred Inflows	(279,317)	(6,014)
<b>Net Cash Flows From Operating Activities</b>	<b>\$ (362,169)</b>	<b>\$ (322,173)</b>

See accompanying notes to financial statements.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 1: Summary of Significant Accounting Policies

#### Introduction

The financial statements of the Monument Sanitation District (the "District") have been prepared in accordance with accounting principles generally accepted in the United States (GAAP) as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The significant accounting principles and policies utilized by the District are described below.

#### Reporting Entity

The District is a sanitation district created by state statute as a special district. Under the authority granted by such statutes, the District has the power to enter into contracts and agreements; to sue and be sued; to hire employees and agents; to incur indebtedness and issue bonds; to refund any bonds of the District without an election; to fix rates, tolls, or charges for services, programs, or facilities furnished by the District, and to pledge such revenues for the payment of an indebtedness of the District; to adopt and enforce regulations promulgated by the Board; to cause the levy and collection of ad valorem property taxes; to acquire, dispose of, and encumber real and personal property and any interest in such property including leases and easements; to have the management, control, and supervision of all the business affairs of the District and the construction, installation, operation, and maintenance of the District improvements within and outside the District; and to exercise the power of eminent domain for the condemnation of private property (except water rights) for public use. The Board may also, subject to compliance with statutory procedures, order the inclusion or exclusion of real property, thereby modifying the boundaries of the District.

The District follows GASB accounting pronouncements which provide guidance for determining which governmental activities, organizations, and functions should be included within the financial reporting entity. GASB pronouncements set forth the financial accountability of a governmental organization's elected governing body as the basic criterion for including a possible component governmental organization in a primary government's legal entity. Financial accountability includes, but is not limited to, appointment of a voting majority of the organization's governing body, ability to impose its will on the organization, a potential for the organization to provide specific financial benefits or burdens, and fiscal dependency.

As required by GAAP, these financial statements present the activities of the District, which is legally separate and financially independent of other state and local governments. The District has no component units as defined by GASB, Statement No. 14, The Financial Reporting Entity, and GASB Statement No. 39, Determining Whether Certain Organizations are Component Units.

The District is not financially accountable for any other organizations.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 1: Summary of Significant Accounting Policies (Continued)

#### Basis of Presentation

The accompanying financial statements are presented per GASB No. 34 - *Special Purpose Governments*.

The government-wide financial statements (i.e., the Statements of Net Position and the Statements of Activities) display information about the reporting government as a whole. These statements include all the financial activities of the District, except for the fiduciary funds. The fiduciary funds are only reported in the statements of fiduciary net position at the fund financial statement level. The governmental activities column incorporates data from governmental funds and internal service funds. Eliminations have been made to minimize the double counting of internal transactions. Governmental activities, which are normally 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.

The Statements of Activities demonstrate the degree to which the direct expenses of a given function are offset by program revenues. Direct expenses are those that are specifically associated with and are clearly identifiable to a particular function. Program revenues include (a) charges paid by the recipients for goods or services offered by the programs, and (b) grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues that are not classified as program revenues, including all taxes, are presented as general revenues.

#### Measurement Focus, Basis of Accounting, and Financial Statement Presentation

The District uses one fund to report on its financial position and activities. Fund accounting is designed to segregate transactions related to certain government functions and activities. The District's fund is classified as an enterprise fund type. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises, where the intent of the governing body is that the costs of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.

The District's records are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned, and expenses are recorded when the liability is incurred, regardless of the timing of related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

Enterprise funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services in connection with the proprietary fund's principal ongoing operations. Operating expenses for enterprise funds include cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses. When both restricted and unrestricted resources are available for use, it is the District's policy to use restricted resources first and unrestricted resources as they are needed.

# Monument Sanitation District

## Notes to Financial Statements

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### **Note 1: Summary of Significant Accounting Policies (Continued)**

#### **Measurement Focus, Basis of Accounting, and Financial Statement Presentation (Continued)**

The District reports all activity in one enterprise fund which is a proprietary fund type. This fund is considered a major fund.

#### **Budgets**

Budgets are adopted as a non-GAAP basis for the governmental funds. In accordance with the State Budget Law, the District's Board of Directors holds public hearings in the fall each year to approve the budget and appropriate the funds for the ensuing year. The appropriation is at the total fund expenditures level and lapses at year-end. The District's Board of Directors can modify the budget by line item within the total appropriation without notification. The total appropriation can only be modified upon completion of notification and publication requirements. Encumbrance accounting (open purchase orders, and other commitments for the expenditures of funds in future periods) is not used by the District for financial reporting purposes, but is used for budgetary purposes.

#### **Assets, Liabilities, and Net Position**

##### **Cash Equivalents**

For purposes of the Statements of Cash Flows, the District considers cash deposits and highly liquid investments with a maturity of three months or less when purchased to be cash equivalents.

##### **Accounts Receivable**

No provision is made for uncollectible accounts as the District has tax lien authority against the specific properties for collection of amounts due.

##### **Capital Contributions from Developers**

Developers of new subdivisions within the District are required to construct the necessary sewer lines in accordance with District specifications. The District charges a tap fee for collections in the new subdivisions. The amount of tap fees to be retained by the District is recorded as a Capital Contribution.

The estimated cost of sewer lines and other distribution facilities constructed and installed by the developer is recorded by the District as capital assets and capital contributions upon completion of the facilities and acceptance by the District.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 1: Summary of Significant Accounting Policies (Continued)

#### Assets, Liabilities, and Net Position (Continued)

##### Capital Assets

The District defines capital assets as assets with an initial individual cost of more than \$1,000, and an estimated useful life in excess of two years. The cost of maintenance and repairs, as well as minor replacements and improvements, is charged against income as incurred. The District has elected not to report major general infrastructure assets retroactively. Depreciation is provided on the straight-line basis over the estimated useful life of the property as follows:

Collection System	31 Years
Equipment	5 Years
Building and Improvements	39 Years

Depreciation is computed and recorded as an operating expense. Expenditures for property, plant, and equipment are shown as increases in assets, and redemption of bonds is recorded as a reduction in liability.

##### Property Taxes

No property taxes had been levied for 2017, due to the bond being paid-in-full during 2007. For the year ended December 31, 2018, the District has levied property taxes to pay for the judgment discussed in Note 10.

##### Fair Value of Financial Instruments

The Districts' financial instruments include cash and cash equivalents, receivables, accounts payable, and short-term borrowings. The fair value of these financial instruments approximates their carrying amounts based on current market indicators, such as prevailing interest rates and their nearness to maturity.

The fair value of the revenue note payable is estimated based on the current rates offered to the District for debt of the same remaining maturities. As of December 31, 2018 and 2017, respectively, the fair value of the note approximated the amounts recorded in the financial statements.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 1: Summary of Significant Accounting Policies (Continued)

#### Assets, Liabilities, and Net Position (Continued)

##### Net Position

The financial statements utilize a net position presentation. Net position is categorized into three components: invested in capital assets - net of related debt, restricted net position, and unrestricted net position.

**Invested in Capital Assets - Net of Related Debt.** This component of net position consists of capital assets, net of accumulated depreciation, and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets.

**Restricted Net Position - Revenue Note Reserve.** This component of net position consists of reserve requirements relating to the revenue note payable imposed by the lender.

**Unrestricted Net Position.** This component consists of all other net position that does not meet the definition of the above two components and is available for general use by the District.

**Operating and Non-Operating Revenue and Expenses.** Operating revenues result from user fees. Expenses associated with providing wastewater treatment services are considered operating. Non-operating revenues result from rental income and non-exchange transactions, such as gains and losses on the joint use facility and interest income, as well as property tax revenues.

### Note 2: Cash and Cash Investments

#### Deposits

The Colorado Public Deposit Protection Act (PDPA) requires that all units of local government deposit cash in eligible public depositories. The statute specifies eligible depositories for public cash deposits, which must be Colorado institutions and must maintain Federal insurance (FDIC) on deposits held. Each eligible depository with deposits in excess of the insured levels must pledge a collateral pool of defined eligible assets maintained by another institution, or held-in-trust for all local government depositories as a group, with a market value equal to at least 102 percent of the uninsured deposits. The eligible collateral is determined by the PDPA. The PDPA allows the institution to create a single collateral pool for all public funds. The pool for all the uninsured public deposits as a group is to be maintained by another institution held-in-trust. The market value of the collateral must be at least equal to the aggregate uninsured deposit. The State Regulatory Commissions for banks and financial services are required by statutes to monitor the naming of eligible depositories and reporting of the uninsured deposits and assets maintained in the collateral pools. As of December 31, 2018 and 2017, none of the District's bank deposits were exposed to credit risk.

# Monument Sanitation District

## Notes to Financial Statements

### Note 2: Cash and Cash Investments (Continued)

At December 31, 2018 and 2017, the District's cash deposits had a carrying and bank balance as follows:

	2018		2017	
	Carrying Balance	Bank Balance	Carrying Balance	Bank Balance
Cash on Hand	\$ 100	\$ -	\$ 100	\$ -
Revenue Note Reserve	42,190	42,190	42,127	42,147
Insured Deposits (FDIC)	299,974	326,844	252,340	254,664
<b>Total Cash</b>	<b>\$ 342,264</b>	<b>\$ 369,034</b>	<b>\$ 294,567</b>	<b>\$ 296,811</b>

### Concentration of Credit Risk

State statutes do not limit the amount the District may invest in one issuer. The District's general investment policy requires the "prudent-investor" standard which states, "Investments shall be made with judgment and care under circumstances then prevailing with persons or prudence, discretion, and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income derived."

Colorado statutes specify investment instruments meeting defined rating and risk criteria in which local governments may invest, which include:

- Obligations of the United States and certain U.S. government agency securities.
- Certain internal and agency securities.
- General obligation and revenue bonds of U.S. local government entities.
- Bankers' acceptances of certain banks.
- Commercial paper.
- Written repurchase agreements collateralized by certain authorized securities.
- Certain money market funds.
- Guaranteed investment contracts.
- Local government investment pools.

### Local Government Investment Pool

At December 31, 2018 and 2017, the District had invested \$134,789 and \$68,697, respectively, in the Colorado Local Government Liquid Asset Trust (the "Trust"), an investment vehicle established for local entities in Colorado to pool surplus funds. The Trust operates similarly to a money market fund and each share is equal to \$1.00. The Trust may invest in U.S. Treasury securities and repurchase agreements collateralized by U.S. Treasury securities. The Trust is rated AAA by both Standard and Poor's, and Moody's.

# Monument Sanitation District

## Notes to Financial Statements

### Note 2: Cash and Cash Investments (Continued)

A designated custodial bank serves as custodian for the Trust's portfolios pursuant to a custodian agreement. The custodian acts as a safekeeping agent for the Trust's investment portfolios and provides services as the depository in connection with direct investments and withdrawals. The custodian's internal records segregate investments owned by the Trust. At December 31, 2018 and 2017, the market value of the investment was the same as the carrying value.

### Interest Rate Risk

State statute limits investments in agencies to a maximum five year maturity, and corporate bonds to three years.

### Note 3: Capital Assets

Capital asset balances and activity for the year ended December 31, 2018, were as follows:

	Balance Jan. 1, 2018	Additions	Reclassifications/ Retirements	Balance Dec. 31, 2018
Office Building, Land and Office Building Improvements	\$ 744,560	\$ 9,866	\$ -	\$ 754,426
Collection System	3,493,610	33,030	-	3,526,640
Office Equipment	43,355	-	-	43,355
Equipment	39,495	-	-	39,495
ARRA Wakonda Hills Collection System	2,000,000	-	-	2,000,000
<b>Total Capital Assets</b>	<b>\$ 6,321,020</b>	<b>\$ 42,896</b>	<b>\$ -</b>	<b>\$ 6,363,916</b>
Accumulated Depreciation:				
Office Building, Land and Office Building Improvements	\$ 219,559	\$ 18,140	\$ -	\$ 237,699
Collection System	1,430,831	114,137	-	1,544,968
Office Equipment	43,354	-	-	43,354
Equipment	34,497	2,442	-	36,939
ARRA Wakonda Hills Collection System	451,613	64,516	-	516,129
<b>Total Accumulated Depreciation</b>	<b>\$ 2,179,854</b>	<b>\$ 199,235</b>	<b>\$ -</b>	<b>\$ 2,379,089</b>

# Monument Sanitation District

## Notes to Financial Statements

### Note 3: Capital Assets (Continued)

Capital asset balances and activity for the year ended December 31, 2017, were as follows:

	Balance Jan. 1, 2017	Additions	Reclassifications/ Retirements	Balance Dec. 31, 2017
Construction in Process	\$ 99,698	\$ -	\$ (99,698)	-
Office Building, Land and Office Building Improvements	605,416	56,885	82,259	744,560
Collection System	3,485,826	7,784	-	3,493,610
Office Equipment	43,355	-	-	43,355
Equipment	36,449	3,046	-	39,495
ARRA Wakonda Hills Collection System	2,000,000	-	-	2,000,000
<b>Total Capital Assets</b>	<b>\$ 6,270,744</b>	<b>\$ 67,715</b>	<b>\$ (17,439)</b>	<b>\$ 6,321,020</b>
Accumulated Depreciation:				
Office Building, Land and Office Building Improvements	\$ 204,332	\$ 15,227	\$ -	\$ 219,559
Collection System	1,317,202	113,629	-	1,430,831
Office Equipment	43,354	-	-	43,354
Equipment	31,853	2,644	-	34,497
ARRA Wakonda Hills Collection System	387,097	64,516	-	451,613
<b>Total Accumulated Depreciation</b>	<b>\$ 1,983,838</b>	<b>\$ 196,016</b>	<b>\$ -</b>	<b>\$ 2,179,854</b>

### Note 4: Investment in Joint Use Facility

The District, the Woodmoor Water and Sanitation District #1 ("Woodmoor"), and the Palmer Lake Sanitation District ("Palmer") provide wastewater treatment at the Tri-Lakes Wastewater Treatment Facility (TLWWTF), which is operated as a joint venture under the Amended Joint Use of Facilities Agreement dated June 6, 1996. The TLWWTF assets and liabilities are commonly owned by each district in equal, undivided one-third interests. The audited financial statements of the TLWWTF, dated May 16, 2019, are available at the treatment facility. Woodmoor is presently the management company for the facility, as directed by a three member board of directors, comprised of one director and an alternate appointed from each district.

The District uses the equity method to record its share of joint use facility transactions. At December 31, 2018 and 2017, the District's ownership interest in TLWWTF reflected in the Statements of Net Position as Investment in Joint Use Facility, was \$2,426,763 and \$2,526,845, respectively. The District's share of the change in net position of TLWWTF for the years ended December 31, 2018 and 2017, reflected in the Statements of Revenues, Expenses, and Changes in Net Position as (Loss) from Investment in Joint Use Facility, was (\$100,082) and (\$74,375), respectively.

# Monument Sanitation District

## Notes to Financial Statements

### Note 4: Investment in Joint Use Facility (Continued)

The following reflects a summary of the financial position and results of operations of TLWWTF, as of and for the years ended December 31, 2018 and 2017:

	2018	2017
Cash	\$ 100	\$ 3,589
Accounts Receivable	93,378	75,297
Prepaid Expenses	34,013	49,631
Capital Assets - Net of Accumulated Depreciation	7,869,406	7,993,819
Total Assets	7,996,897	8,122,336
Deferred Outflows of Resources - Related to Pensions	158,575	179,876
Total Assets and Deferred Outflows of Resources	\$ 8,155,472	\$ 8,302,212
Accounts Payable	\$ 42,119	\$ 15,239
Compensated Absences	117,229	108,624
Deposits Held	59,173	59,173
Net Pension Liability	512,612	576,125
Net OPEB Liability	46,486	-
Total Liabilities	777,619	759,161
Total Net Position	7,229,290	7,529,535
Deferred Inflows of Resources - Related to Pensions	148,563	13,516
Total Liabilities, Net Position, and Deferred Inflows of Resources	\$ 8,155,472	\$ 8,302,212
Operating Revenues	\$ 1,092,374	\$ 1,103,476
Non-Operating (Expenses)	(87,523)	(65,257)
Operating (Expenses)	(1,265,591)	(1,261,344)
Net (Loss)	\$ (260,740)	\$ (223,125)

Capital outlays of the joint use facility are assessed equally to each district. Operating expenses for the joint use facility are allocated to the respective districts based on various factors such as monthly influent flows and BOD loadings.

# Monument Sanitation District

## Notes to Financial Statements

### Note 4: Investment in Joint Use Facility (Continued)

Monthly billings from the joint use facility, which cover both operating expenses and other assessments, are expensed by the District. Included in Sewage Treatment and Disposal Expense for the years ended December 31, 2018 and 2017, are the following charges related to the joint use facility:

	2018	2017
Operating Expenses Charged by TLWWTF	\$ 223,287	\$ 301,824
Other - Sludge Removal	37,190	39,991
Total Sewage Treatment and Disposal Expense	\$ 260,477	\$ 341,815

As of December 31, 2018 and 2017, the District owed TLWWTF \$11,000 and \$337,203, respectively, which is included in Accounts Payable - Trade.

On October 13, 1998, and December 12, 2006, the District contributed \$10,000 and \$7,000, respectively, to an escrow deposit account with TLWWTF. The ownership presentation of the Investment in Joint Use Facility is as follows as of December 31, 2018 and 2017:

	2018	2017
Net Position TLWWTF	\$ 7,229,290	\$ 7,529,535
District's Equity Percentage	33.33 %	33.33 %
District's Ownership Interest	2,409,763	2,509,845
Escrow Deposit	17,000	17,000
Investment in Joint Use Facility	\$ 2,426,763	\$ 2,526,845

### Note 5: Revenue Note Payable

In December 2013, the District entered into a revenue note agreement in the original amount of \$400,000. The revenue note bears interest at a rate of 3.61%, and matures on December 1, 2028. Interest is due semi-annually. The revenue note constitutes an irrevocable and first lien on the Net Revenue of the District. Net Revenue (defined in the note agreement as Gross Revenue less Operating and Maintenance Expenses) is pledged for the payment of the revenue note. No monthly payments are required under the revenue note, but the note stipulates annual principal payment requirements escalating from \$5,000 per annum to \$40,000 over the duration of the loan. Principal repayments must be made from Net Revenues or from the Reserve Deposit Account, described below.

# Monument Sanitation District

## Notes to Financial Statements

### Note 5: Revenue Note Payable (Continued)

The following is a summary of the revenue note payable activity for the years ended December 31, 2018 and 2017:

	2018	2017
Balance, January 1	\$ 355,000	\$ 375,000
Principal Payments	(25,000)	(20,000)
Balance, December 31	\$ 330,000	\$ 355,000

The following is a summary of the future maturities for the revenue note payable for the years ending December 31:

	Principal	Interest
2019	\$ 30,000	\$ 11,913
2020	30,000	10,830
2021	30,000	9,747
2022	30,000	8,664
2023	30,000	7,581
2024-2028	180,000	19,493
	\$ 330,000	\$ 68,228

Under the terms of the note, the District is required to establish a reserve account to be used only to prevent default in the payment of the revenue note. The reserve account was required to be funded with an initial deposit of \$21,000 by December 31, 2013, and then an additional \$7,000 per annum until the reserve account is funded with a balance of \$42,000. As of December 31, 2018 and 2017, the balance of the reserve account was \$42,190 and \$42,127, respectively, and is reflected as Revenue Note Reserve Account - Restricted in the Statements of Net Position.

### Note 6: Risk Management

The District is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; natural disasters; and workers' compensation, for which the District carries commercial insurance. Settled claims have not exceeded this commercial coverage in any of the past three fiscal years. There was no significant reduction in the District's insurance coverage in fiscal 2018.

The District is a member of the Colorado Special Districts Property and Liability Pool (the "Pool") as of December 31, 2018 and 2017. The Pool is an organization created by intergovernmental agreement to provide property, liability, public official's liability, boiler and machinery, and workers compensation coverage to its members. The Pool provides coverage for property claims up to \$20,000,000, and liability claims up to \$1,000,000. Workers compensation claims are covered up to statutory limits, with claims related to employer's liability up to \$2,000,000. There have been no claims that have exceeded this coverage in any of the past three fiscal years.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 6: Risk Management (Continued)

The District pays annual premiums to the Pool for liability, property, public officials, and workers compensation coverage. In the event aggregated losses incurred by the Pool exceed amounts recoverable from reinsurance contracts and funds accumulated by the Pool, the Pool may require additional contributions from the Pool members. Any excess funds that the Pool determines are not needed for purposes of the Pool may be returned to the members pursuant to a distribution formula. Settled claims have not exceeded this coverage in any of the past three fiscal years.

### Note 7: Defined Benefit Pension Plan

#### Summary of Significant Accounting Policies

**Pensions:** The 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.

During the 2018 legislative session, the Colorado General Assembly passed significant pension reform through Senate Bill (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*. Governmental accounting standards require the net pension liability and related amounts of the LGDTF for financial reporting purposes be measured using the plan provisions in effect as of the LGDTF's measurement date of December 31, 2017. As such, the following disclosures do not include the changes to plan provisions required by SB 18-200 with the exception of the section titled: "Changes Between the Measurement Date of the Net Pension Liability and December 31, 2018."

#### General Information about the Pension Plan

**Plan description:** Eligible employees of the 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 publicly available comprehensive annual financial reports found at [www.copera.org/investments/pera-financial-reports](http://www.copera.org/investments/pera-financial-reports).

**Benefits Provided as of December 31, 2017:** 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. § 24-51-602, 604, 1713, and 1714.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 7: Defined Benefit Pension Plan (Continued)

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.

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.

As of December 31, 2017, benefit recipients who elect to receive a lifetime retirement benefit are generally eligible to receive post-retirement cost-of-living adjustments, referred to in the C.R.S. as annual increases. Benefit recipients under the PERA benefit structure who began eligible employment before January 1, 2007, and all benefit recipients of the Denver Public Schools (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 (AIR) 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.

# Monument Sanitation District

## Notes to Financial Statements

### Note 7: Defined Benefit Pension Plan (Continued)

**Contribution Provisions:** Eligible employees and the 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:

	Rate
Employer Contribution Rate <sup>1</sup>	10.00%
Amount of Employer Contribution apportioned to the Health Care Trust Fund as specified in C.R.S. § 24-51-208(1)(f) <sup>1</sup>	(1.02)%
Amount Apportioned to the LGDTF <sup>1</sup>	8.98%
Amortization Equalization Disbursement (AED) as specified in C.R.S. § 24-51-411 <sup>1</sup>	2.20%
Supplemental Amortization Equalization Disbursement (SAED) as specified in C.R.S. § 24-51-411 <sup>1</sup>	1.50%
<b>Total Employer Contribution Rate to the LGDTF<sup>1</sup></b>	<b>12.68%</b>

<sup>1</sup>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 District is statutorily committed to pay the contributions to the LGDTF. Employer contributions recognized by the LGDTF from the District were \$23,727 and \$27,604, for the years ended December 31, 2018 and 2017, respectively.

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

At December 31, 2018 and 2017, the District reported a liability of \$428,159 and \$486,510, respectively, for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2017 and 2016, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of December 31, 2016 and 2015. Standard update procedures were used to roll forward the total pension liability to December 31, 2018 and 2017. The District proportion of the net pension liability was based on District contributions to the LGDTF for the calendar years 2017 and 2016 relative to the total contributions of participating employers to the LGDTF.

At December 31, 2017, the District proportion was .0384540888%, which was an increase of .0024254115% from its proportion measured as of December 31, 2016.

# Monument Sanitation District

## Notes to Financial Statements

### Note 7: Defined Benefit Pension Plan (Continued)

For the years ended December 31, 2018 and 2017, the District recognized pension expense of \$115,472 and \$99,528, respectively.

At December 31, 2018, the Monument Sanitation 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	\$ 26,785	\$ -
Changes in assumptions or other inputs	4,523	-
Net difference between projected and actual earnings on pension plan investments	40,214	123,437
Changes in proportion and differences between contributions recognized and proportionate share of contributions	26,252	-
Contributions subsequent to the measurement date	23,727	-
<b>Total</b>	<b>\$ 121,501</b>	<b>\$ 123,437</b>

The \$23,727 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 for the years ending December 31:

2019	(\$18,069)
2020	\$13,320
2021	\$30,413

# Monument Sanitation District

## Notes to Financial Statements

### Note 7: Defined Benefit Pension Plan (Continued)

At December 31, 2017, the 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	\$ 8,657	\$ -
Changes in assumptions or other inputs	34,509	-
Net difference between projected and actual earnings on pension plan investments	58,428	1,407
Changes in proportion and differences between contributions recognized and proportionate share of contributions	18,346	-
Contributions subsequent to the measurement date	27,604	-
<b>Total</b>	<b>\$ 147,544</b>	<b>\$ 1,407</b>

**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
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

# Monument Sanitation District

## Notes to Financial Statements

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### **Note 7: Defined Benefit Pension Plan (Continued)**

Healthy mortality assumptions for active members were based on RP-2017 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 females.

Healthy, post-retirement mortality assumptions reflect 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.

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

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.

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 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.

# Monument Sanitation District

## Notes to Financial Statements

### Note 7: Defined Benefit Pension Plan (Continued)

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:

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 Bonds	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%.

**Discount Rate:** The discount rate used to measure the total pension 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:

- 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.

# Monument Sanitation District

## Notes to Financial Statements

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**Note 7: Defined Benefit Pension Plan (Continued)**

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

Based on the above assumptions and methods, 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. There was no change in the discount rate from the prior measurement date.

**Sensitivity of the District’s 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-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 Pension Liability	\$765,627	\$428,159	\$315,244

**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](http://www.copera.org/investments/pera-financial-reports).

# Monument Sanitation District

## Notes to Financial Statements

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### Note 7: Defined Benefit Pension Plan (Continued)

#### 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](http://www.leg.colorado.gov).

- 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).
- 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, 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.
- Expands eligibility to participate in the PERA DC Plan to new members hired on or after January 1, 2019, in the Local Government Division. Beginning January 1, 2021, and every year thereafter, employer contribution rates for the LGDTF will be adjusted to include a defined contribution supplement based on the employer contribution amount paid to defined contribution plan participant accounts that would have otherwise gone to the defined benefit trusts to pay down the unfunded liability plus any defined benefit investment earnings thereon.

At December 31, 2018, the District reported a liability of \$428,159 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 7.25%. For comparative purposes, the following schedule presents an estimate of what the Facility'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%	\$302,844

# Monument Sanitation District

## Notes to Financial Statements

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### Note 8: Other Post Employment Benefits (OPEB)

#### Summary of Significant Accounting Policies

The 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 Description:** Eligible employees of the 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](http://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.

Enrollment in the PERACare is voluntary and is available to benefit recipients and their eligible dependents, certain surviving spouses, 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.

# Monument Sanitation District

## Notes to Financial Statements

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### **Note 8: Other Post Employment Benefits (OPEB)** (Continued)

**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 with 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 DPS HCTF on behalf of benefit recipients not covered by Medicare Part A.

**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.

Employer contributions are recognized by the HCTF in the period in which the compensation becomes payable to the member, and the District is statutorily committed to pay the contributions. Employer contributions recognized by the HCTF from the District were \$2,474, 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 and 2017, the District reported a liability of \$38,833 and \$35,854, respectively, 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 District's proportion of the net OPEB liability was based on the District's 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 District's proportion was .0029880558 percent, which was an increase of .0002223704 from its proportion measured as of December 31, 2016.

# Monument Sanitation District

## Notes to Financial Statements

### Note 8: Other Post Employment Benefits (OPEB) (Continued)

For the year ended December 31, 2018, the District recognized OPEB income of \$1,466. At December 31, 2018, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$ 183	\$ -
Changes in assumptions or other inputs	-	-
Net difference between projected and actual earnings on OPEB plan investments	-	650
Changes in proportion and differences between contributions recognized and proportionate share of contributions	2,886	-
Contributions subsequent to the measurement date	2,021	-
<b>Total</b>	<b>\$ 5,090</b>	<b>\$ 650</b>

The \$2,021 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, 2018. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows for the year ending December 31:

2019	(\$1,023)
2020	(\$1,023)
2021	(\$1,023)

**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 OPEB	
Plan Investment Expenses, including Price Inflation	7.25 percent
Discount Rate	7.25 percent

# Monument Sanitation District

## Notes to Financial Statements

### Note 8: Other Post Employment Benefits (OPEB) (Continued)

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

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.

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%

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.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 8: Other Post Employment Benefits (OPEB) (Continued)

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.

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 or 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 or older, 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.
- 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.

# Monument Sanitation District

## Notes to Financial Statements

### Note 8: Other Post Employment Benefits (OPEB) (Continued)

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:

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%.

# Monument Sanitation District

## Notes to Financial Statements

**Note 8: Other Post Employment Benefits (OPEB) (Continued)**

**Sensitivity of the District's 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	\$37,764	\$38,833	\$40,120

**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.
- 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.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 8: Other Post Employment Benefits (OPEB) (Continued)

**Sensitivity of the District's 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	\$43,660	\$38,833	\$34,712

**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](http://www.copera.org/investments/pera-financial-reports).

### Note 9: Commitments and Contingencies

#### Environmental Protection Agency (EPA)

The EPA has imposed certain requirements for providing sludge removal at the treatment plant owned and operated jointly with Woodmoor Water and Sanitation District #1 and Palmer Lake Sanitation District. However, the District's legal counsel has determined that the treatment facility may be exempt from the EPA requirements.

#### Tax, Spending, and Debt Limitations

Article X, Section 20 of the Colorado Constitution, commonly known as the Taxpayer's Bill of Rights (TABOR), contains tax, spending, revenue, and debt limitations which apply to the State of Colorado and all local governments. The District operates as a waste water activity pursuant to Title 37, Article 45.1 of the state statutes.

Enterprises, defined as government-owned businesses authorized to issue revenue bonds and receiving less than 10% of annual revenues in grants from all state and local governments combined, are excluded from the provisions of TABOR. The District's management believes its operations qualify for this exclusion. However, TABOR is complex and subject to interpretation. Many of the provisions, including qualification as an enterprise, will require judicial interpretation. Accordingly, the possibility exists that the District's interpretation of certain TABOR provisions may subsequently be determined to be incorrect. This could result in a potential refund of revenue unless voters approve retention of such revenue. The ultimate outcome of these matters cannot presently be determined and no provision for any liability for a refund of revenue is provided for in these financial statements.

# Monument Sanitation District

## Notes to Financial Statements

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### Note 9: Commitments and Contingencies (Continued)

#### Operating Lease Commitments

In January 2013, the District entered into an operating lease for office equipment. Under the terms of the lease, the District must make monthly payments of \$272. Following are the future minimum lease payment for the year ending December 31:

		\$	
2019			3,274
2020			3,274
2021			3,274
2022			3,274
2023			1,637
			\$ 14,733

### Note 10: Litigation

In February 2015, Woodmoor Water and Sanitation District #1 ("Woodmoor") filed a claim against the District and Palmer Lake Sanitation District ("Palmer") regarding the allocation of the Phase I costs of construction improvements and nutrient removal at Tri-Lakes Waste Water Treatment Facility ("TLWWTF") as described in Note 4. Woodmoor claimed that the costs of improvement should be allocated between the three districts based on an ownership share of one-third per district. The District and Palmer claimed the improvements should be allocated based on ownership of capacity. The District's ownership of capacity is 19.79%; Palmer's ownership of capacity is 15.93%; and Woodmoor's ownership of capacity is 64.28%. In May 2016 (prior to the date of the 2015 financial statements), the court ruled that the costs of construction improvements for Phase I should be allocated based on the one-third ownership share of each district.

The District appealed the ruling in May 2016, and the District, Woodmoor, and Palmer agreed to continue allocating costs based on ownership of capacity until the appeal was complete. In May 2017, the District was informed that it had lost the appeal and would be responsible for 33.33% of the Phase I costs of construction improvements and nutrient removal at the TLWWTF. Accordingly, at December 31, 2017, the District recorded a liability of \$337,203, which was included in Accounts Payable - Trade on the Statements of Net Position, to accrue the remaining net amounts due to the TLWWTF for the costs of construction as determined by the settlement agreement.

As of December 31, 2018, the District has satisfied all conditions of the settlement.

### Note 11: New Accounting Pronouncement - Prior Period Adjustment

As of and for the year ended December 31, 2018, the District implemented GASB Statement No. 75, *Accounting and Financial Reporting for Post Employment Benefits Other Than Pensions*. The primary objective of this statement is to improve accounting and financial reporting by state and local governments for other post employment benefit obligations. It also improves information provided by state and local governmental employers about financial support for post employment benefit obligations that is provided by other entities. The result of the implementation of this standard was to decrease the net position at the beginning of the year by \$35,854 and add a liability for \$35,854.

## **Supplementary Information**

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# Monument Sanitation District

## Schedule of Revenues, Expenses, and Changes in Net Position - Budget to Actual - Proprietary Fund

<i>Year Ended December 31, 2018</i>	Budget	Actual	Variance Favorable (Unfavorable)
<b>Revenues</b>			
User Fees	\$ 675,000	\$ 700,184	\$ 25,184
Interest Income	500	3,590	3,090
Other Revenue	10,000	20,536	10,536
Rental Income	27,600	27,650	50
Tax Revenue	401,997	417,976	15,979
Tap Fees	25,000	69,300	44,300
<b>Total Revenue</b>	<b>\$ 1,140,097</b>	<b>\$ 1,239,236</b>	<b>\$ 99,139</b>
<b>Expenditures</b>			
Revenue Loan Payment	\$ 25,000	\$ 25,000	-
Administration			
Accounting	10,500	9,915	585
Auditing	10,500	9,850	650
Bank Charges	200	45	155
Board Expense	2,000	2,144	(144)
Election Expense	2,000	-	2,000
Insurance Expense	16,349	3,692	12,657
Janitorial	6,000	5,853	147
Licenses and Fees	500	1,815	(1,315)
Office Equipment Repairs	5,500	7,387	(1,887)
Office Supplies	8,000	3,992	4,008
Postage and Meter Rental	12,500	14,445	(1,945)
Publishing	500	437	63
Recording and Reporting	1,500	158	1,342
Rent - Storage	2,600	5,736	(3,136)
Telephone	8,000	6,704	1,296
Workshops and Conferences	1,500	464	1,036
<b>Total Administration Expenses</b>	<b>88,149</b>	<b>72,637</b>	<b>15,512</b>
Public Works			
Joint Use Fees	177,284	211,177	(33,893)
Repairs and Maintenance	20,000	53,882	(33,882)
Sludge Removal	30,446	37,190	(6,744)
Trails End Lift Station Utilities	2,640	-	2,640
<b>Total Public Works Expenses</b>	<b>230,370</b>	<b>302,249</b>	<b>(71,879)</b>

# Monument Sanitation District

## Schedule of Revenues, Expenses, and Changes in Net Position - Budget to Actual - Proprietary Fund (Continued)

<i>Year Ended December 31, 2018</i>	Budget	Actual	Variance Favorable (Unfavorable)
Employee Expenses			
Payroll Taxes	\$ 2,755	\$ 3,667	\$ (912)
Pension Expense	26,030	114,006	(87,976)
Salaries and Wages	190,000	192,771	(2,771)
Travel and Lodging	2,500	-	2,500
Health Insurance	38,000	32,947	5,053
Workers Compensation	2,702	6,161	(3,459)
<b>Total Employee Expenses</b>	<b>261,987</b>	<b>349,552</b>	<b>(87,565)</b>
Building Expenses			
Utilities and Trash	11,000	12,439	(1,439)
Repairs and Maintenance	9,500	20,280	(10,780)
Insurance	1,000	-	1,000
<b>Total Building Expenses</b>	<b>21,500</b>	<b>32,719</b>	<b>(11,219)</b>
Other Expenses			
Advertising and Promotion	1,000	-	1,000
Interest Expense	12,816	12,816	-
Business Meals	500	461	39
Dues and Subscriptions	2,500	4,461	(1,961)
Legal Fees	5,000	5,418	(418)
Professional Fees	3,000	7,987	(4,987)
Engineering Fees	6,000	15,655	(9,655)
Contingency	30,000	-	30,000
Judgment	377,035	377,035	-
New Equipment, Furniture, and Fixtures	2,000	9,866	(7,866)
Truck and Fuel Maintenance	2,500	1,789	711
Capital Improvements - JUC	55,203	-	55,203
Capital Improvements - District	50,000	33,030	16,970
<b>Total Other Expenses</b>	<b>547,554</b>	<b>468,518</b>	<b>79,036</b>
<b>Total Expenditures</b>	<b>1,174,560</b>	<b>1,250,675</b>	<b>(76,115)</b>
<b>Revenue Over (Under) Expenditures</b>	<b>\$ (34,463)</b>	<b>(11,439)</b>	<b>\$ 175,254</b>
<b>Increase (Decrease) to Reconcile Budgetary</b>			
<b>Basis to GAAP Basis</b>			
Revenue Loan Payment		25,000	
Payroll and Vacation Reserve		(2,114)	
(Decrease) in Pension and OPEB Liabilities		(19,518)	
Prepaid Expenses		(6,041)	
Receivables - Other		(2,180)	
New Equipment, Furniture, and Fixtures		9,866	
Capital Improvements - District		33,030	
Depreciation Expense		199,235	
(Loss) from Joint Use Facility		(100,082)	
<b>Increase in Net Position</b>		<b>\$ 125,757</b>	

See Independent Auditor's Report on Supplementary Information.

# Monument Sanitation District

## Schedules of the District's Proportionate Share of the Net Pension Liability - Proprietary Fund

<i>Years Ended December 31,</i>	2018	2017	2016	2015
District's Proportionate Share of the Net Pension Liability	0.038454 %	0.036028 %	0.036711 %	0.035914 %
District's Proportionate Share of the Net Pension Liability	\$ 428,159	\$ 486,510	\$ 404,404	\$ 321,902
District's Covered Payroll	\$ 198,176	\$ 255,944	\$ 209,716	\$ 228,962
District's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll	216 %	190 %	193 %	141 %
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	79.37 %	73.60 %	76.90 %	80.71 %

Information for the prior six years was not available to report.  
See Independent Auditor's Report on Supplementary Information.

**Monument Sanitation District**  
**Schedules of the District's Required Contributions -**  
**Local Government Division Trust Fund - Proprietary Fund**

<i>Years Ended December 31,</i>	2018	2017	2016	2015	2014
Contractually Required Contribution	\$ 23,727	\$ 27,604	\$ 30,085	\$ 26,841	\$ 24,593
Contributions in Relation to the Contractually Required Contribution	(23,727)	(27,604)	(30,085)	(26,841)	(24,593)
<b>Contribution Deficiency (Excess)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Covered Payroll</b>	<b>\$ 198,176</b>	<b>\$ 255,944</b>	<b>\$ 209,716</b>	<b>\$ 228,962</b>	<b>\$ 213,893</b>
<b>Contribution as a Percentage of Covered Payroll</b>	<b>11.97 %</b>	<b>10.79 %</b>	<b>14.35 %</b>	<b>11.72 %</b>	<b>11.50 %</b>

Information for the prior five years was not available to report.  
See Independent Auditor's Report on Supplementary Information.

# Monument Sanitation District

## Schedules of the District's Proportionate Share of the Net OPEB Liability - Proprietary Fund

<i>Years Ended December 31,</i>	2018	2017
District's Proportionate Share of the Net OPEB Liability	0.002988 %	0.002765 %
District's Proportionate Share of the Net OPEB Liability	\$ 38,833	\$ 35,854
District's Covered Payroll	\$ 198,176	\$ 255,944
District's Proportionate Share of the Net OPEB Liability as a Percentage of its Covered-Employee Payroll	20 %	14 %
Plan Fiduciary Net Position as a Percentage of the Total OPEB Liability	16.70 %	17.50 %

Information for the prior eight years was not available to report.  
See Independent Auditor's Report on Supplementary Information.

# Monument Sanitation District

## Schedules of the District's OPEB Required Contributions - Health Care Trust Fund - Proprietary Fund

<i>Years Ended December 31,</i>	2018	2017
Contractually Required Contribution	\$ 2,021	\$ 2,474
Contributions in Relation to the Contractually Required Contribution	(2,021)	(2,474)
Contribution Deficiency (Excess)	-	-
Covered Payroll	\$ 198,176	\$ 255,944
Contribution as a Percentage of Covered Payroll	1.02 %	0.97 %

Information for the prior eight years was not available to report.  
See Independent Auditor's Report on Supplementary Information.





