

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

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INDEPENDENT AUDITORS' REPORT

To the Board of Commissioners of
Adair County Water District

We have audited the accompanying financial statements of the business-type activities and each major fund of Adair County Water District, as of and for the years ended December 31, 2017 and 2016, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

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

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

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and each major fund of Adair County Water District, as of December 31, 2017 and 2016, and the respective changes in financial position, and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, budgetary comparison information, schedule of District's proportionate share of the net pension liabilities, and schedules of required contributions on pages 3 through 7 and pages 23 through 26 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated June 29, 2018 on our consideration of Adair County Water District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Adair County Water District's internal control over financial reporting and compliance.

Wise, Buckner, Sprowles & Associates, PLLC

Wise, Buckner, Sprowles & Associates, PLLC
Campbellsville, KY

June 29, 2018



ADAIR COUNTY WATER DISTRICT Management's Discussion and Analysis

The management of the Adair County Water District's offers all persons interested in the financial position of the Utility this narrative overview and analysis of the Utility's financial performance during the years ending December 31, 2017 and 2016. It provides an introduction to the District's 2017 financial statements. Information in this overview and analysis has been prepared by the District's CPA and should be considered in conjunction with the financial statements and notes.

Financial Highlights

Overview of the Financial Statements

The financial section of this annual report consists of the following three parts: Management's Discussion and Analysis, Basic Financial Statements and the notes to the financial statements. The basic financial statements include: the statements of net position, the statements of revenues, expenses, and changes in net position, and the statement of cash flows.

The MD&A is intended to explain the significant changes in financial position and differences in operation between the current and prior years. Understanding the financial trend of the District begins with understanding the Statement of Net Position and the Statement of Revenues, Expenses, and Changes in Net Position. Looking at these two reports, you should be able to determine if the District is better off financially this year than it was in the past.

Required Financial Statements

The Financial Statements of the District report information utilizing the full accrual basis of accounting. The Financial Statements conform to accounting principles which are generally accepted in the United States of America. The statements of Net Position includes information on the District's assets and liabilities and provide information about the nature and amounts of investments in resources (assets) and the obligations to Districts creditors (liabilities). The Statement of Revenues, Expense and Changes in Net Position identifies the District's revenues and expenses for the fiscal year ended December 31, 2017. This statement normally provides information on the District's operations over the past two fiscal years and can be used to determine whether the District has recovered all of its actual and projected costs through user fees and other charges. The third financial statement is the Statements of Cash Flows. This statement provides information on the District's cash receipts, cash payments and changes in cash resulting from operations, investments and financing activities. From the Statements of Cash Flows, the reader can obtain comparative information on the source and use of cash and the change in the cash and cash equivalents balance for each of the last two fiscal years.

Financial Analysis of the District

Net Position

A summary of the District's Statement of Net Position for the years ended December 31, 2017, and 2016 follows:

	2017	2016
Assets:		
Cash and Investments	\$ 1,313,878	\$ 1,369,882
Other Assets	658,011	611,282
Capital Assets	48,735,317	50,136,144
Total Assets	50,707,206	52,117,308
Deferred Outflows:		
Pension Contribution	1,118,786	622,561
Total Deferred Outflows	1,118,786	622,561
Liabilities:		
Current Liabilities	1,554,567	1,508,340
Other Liabilities	238,214	227,728
Long-Term Outstanding	23,794,012	24,027,267
Total Liabilities	25,586,793	25,763,335
Deferred Inflows:		
Advances for Construction	166,387	166,519
Premium on Debt Refunding	243,804	254,640
Pension Contributions	400,004	232,399
Total Deferred Inflows	810,195	653,558
Net Position:		
Invested in Capital Assets (Net of Related Debt)	25,789,504	26,620,053
Restricted	1,080,975	1,291,302
Unrestricted	(1,441,475)	(1,588,378)
Total Net Position	\$ 25,429,004	\$ 26,322,977

Revenue, Expenses and Changes in Net Position

A summarized comparison of the District's statements of revenues, expenses and changes in net position for the years December 31, 2017, and 2016 follows:

	2017	2016	Dollar Change	Percent Change
Operating Revenues	\$ 4,486,762	\$ 4,490,076	\$ (3,314)	-0.07%
Operating Expenses	(2,999,540)	(2,813,991)	(185,549)	6.59%
Depreciation Expense	(2,060,734)	(2,067,860)	7,126	-0.34%
Operating Income/(Loss)	(573,512)	(391,775)	(181,737)	46.39%
Non-Operating Revenues/(Expenses)				
Non-Utility Income	2,019	3,597	(1,578)	-43.87%
Interest Income	1,427	2,717	(1,290)	-47.48%
Miscellaneous Nonutility Expenses	(1,608)	(1,597)	(11)	0.69%

Condensed Statement of Revenues, Expenses & Changes in Net Position, Continued
Years Ended December 31, 2017 and 2016

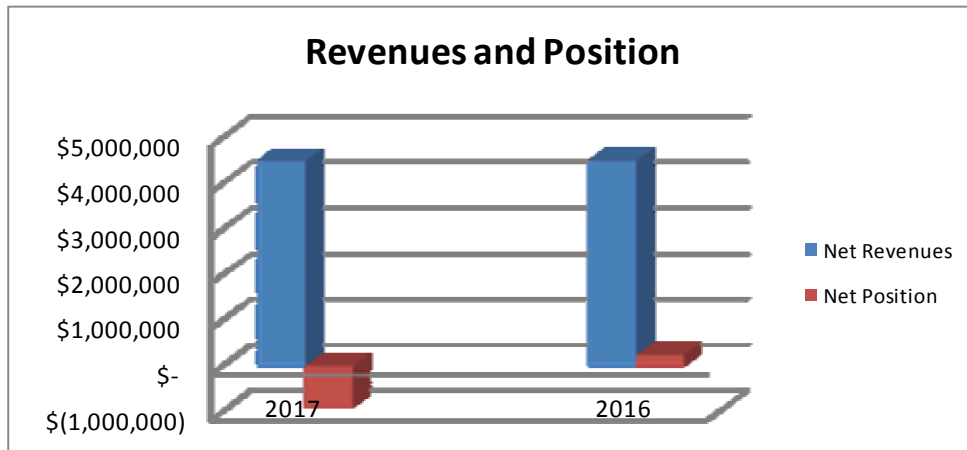
	2017	2016	Dollar Change	Percent Change
Interest Expense & Fiscal Charges	\$ (610,721)	\$ (583,670)	\$ (27,051)	4.63%
Amortization of Bond Debt	10,836	10,836	-	0.00%
Total Non-Operating Revenues/(Expenses)	(598,047)	(568,117)	(29,930)	5.27%
Income/(Loss) Before Capital Contributions	(1,171,559)	(959,892)	(211,667)	22.05%
Capital Contributions	277,586	820,175	(542,589)	-66.16%
Grants	-	377,522	(377,522)	0.00%
Increase/(Decrease) in Net Position	(893,973)	237,805	(754,256)	-317.17%
Beginning of Year	26,322,977	26,085,172	237,805	0.91%
End of Year	<u>\$ 25,429,004</u>	<u>\$ 26,322,977</u>	<u>\$ (893,973)</u>	<u>-3.40%</u>

Operating Revenue

A comparison of the District's Net Revenues and Net Position for the years ended December 31, 2017 and 2016 is as follows:

	2017	2016	Dollar Change	Percentage Change
Net Revenues	\$ 4,486,762	\$ 4,490,076	\$ (3,314)	-0.07%
Net Position	\$ (893,973)	\$ 237,805	\$ (1,131,778)	-475.93%

The following graph shows the District's 2017 revenues and position in comparison to the District's 2016 revenues and position.



Operating revenues decreased by \$3,314 from 2016 to 2017.

The change in Net Position decreased by \$1,131,778 from 2016 to 2017.

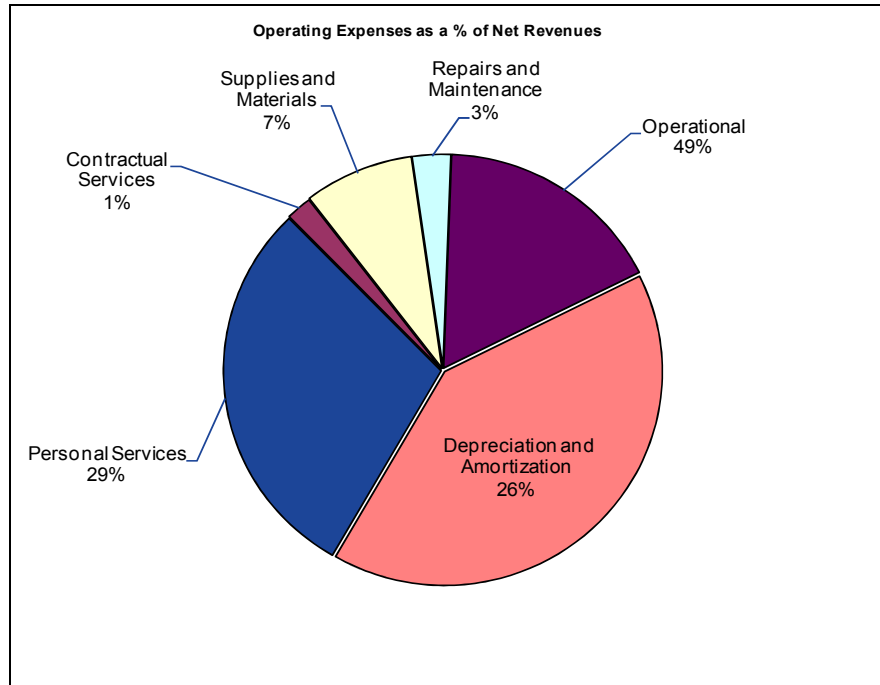
Operating Expenses

Total operating expenses increased by \$178,423 from 2016 to 2017. The increase is primarily due to a an increase in personal services expenses. This includes changes due to pension expense calculations.

	2017	2016	Dollar Change	Percent Change
Operating Expenses				
Personal Services	\$ 1,485,860	\$ 1,339,609	\$ 146,251	9.84%
Contractual Service	96,878	85,163	11,715	12.09%
Supplies and Materials	411,118	382,473	28,645	6.97%
Repairs and Maintenance	143,986	183,143	(39,157)	-27.20%
Operational	861,698	823,603	38,095	4.42%
Depreciation and Amortization	2,060,734	2,067,860	(7,126)	-0.35%
	<u>\$ 5,060,274</u>	<u>\$ 4,881,851</u>	<u>\$ 178,423</u>	<u>3.53%</u>

Expenses as a Percentage of Revenues

The following pie chart shows the District's expenses as a percentage of revenues.



Debt Outstanding

At December 31, 2017, the District had \$22,707,599 in debt outstanding versus \$23,288,363 for December 31, 2016.

Economic Factors and Future Planning

The primary service area of the Utility is located in Adair County; we completed a merger with the City of Columbia in July of 2011 and are now the sole provider of water and sewer in all of Adair County including the City of Columbia. The population growth for the Utility's service area has averaged 140-180 persons annually over the past ten years, and this growth rate is expected to continue into the near future. In conjunction with its master plan the Utility has maintained project and financial planning to keep pace with this growth. Rate structures are also reviewed on a consistent basis to ensure that water services are provided to customers at the best value. A rate increase was approved and went into effect in early 2012.

We completed a merger with the Columbia/Adair County Water Commission in January of 2015, which has been our main source of water since it became operational. We are still purchasing water from other sources but on a smaller scale. Those sources are Russell Springs, Jamestown and Campbellsville as an emergency source.

We are in the process of replacing and upgrading lines in the City of Columbia. Many of these lines have been in operation since the 1950's. All of these areas had rusty water and had for many years. We were able to supply them with better quality of water and more adequate pressure.

Financial Contact

The District's financial statements are designed to provide the District's customers, commissioners, creditors and other interested parties with a general overview of the District's financial operations and financial condition. If you have questions about the report or need additional financial information, please contact the District's Manager, Lennon Stone at (270) 384-2181 or P.O. Box 567, 109 Grant Lane, Columbia, KY 42728

General information relating to Adair County Water District can be found at the Utility's web site www.caud.net

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
STATEMENT OF NET POSITION
December 31, 2017 and 2016

	Water	Sewer	Total 2017	2016
ASSETS				
CURRENT ASSETS				
Cash and Cash Equivalents	\$ 202,626	\$ 30,277	\$ 232,903	\$ 78,581
Customer Accounts Receivable, net	327,635	100,569	428,204	401,622
Inventory	186,311	9,806	196,117	185,343
Prepaid Expenses	32,005	1,685	33,690	24,317
Restricted Cash and Investments	<u>972,878</u>	<u>108,097</u>	<u>1,080,975</u>	<u>1,291,302</u>
Total Current Assets	1,721,454	250,434	1,971,889	1,981,165
NON-CURRENT ASSETS				
Capital Assets:				
Land and Construction in Progress	463,119	95,901	559,020	559,020
Other Capital Assets				
Net of Accumulated Depreciation	<u>36,652,049</u>	<u>11,524,248</u>	<u>48,176,297</u>	<u>49,577,124</u>
Total Non-Current Assets	37,115,168	11,620,149	48,735,317	50,136,144
TOTAL ASSETS	38,836,622	11,870,583	50,707,206	52,117,309
Deferred Outflows of Resources				
Pension Contributions	<u>929,781</u>	<u>189,005</u>	<u>1,118,786</u>	<u>622,561</u>
Total Deferred Outflows of Resources	929,781	189,005	1,118,786	622,561
LIABILITIES				
CURRENT LIABILITIES				
Accounts Payable - Trade	219,471	30,021	249,492	225,287
Accrued and Withheld Taxes	53,652	13,608	67,260	61,999
Customer Deposits	45,008	6,725	51,733	47,925
Accrued Payroll	22,871	3,417	26,288	23,846
Liabilities Payable from Restricted Assets:				
Interest Payable	213,328	24,886	238,214	227,728
Current Portion of Revenue Notes and Bonds Payable	931,156	82,450	1,013,606	981,303
Current Portion of Notes Payable	<u>146,188</u>	<u>-</u>	<u>146,188</u>	<u>167,980</u>
Total Current Liabilities	1,631,674	161,107	1,792,781	1,736,068
NON-CURRENT LIABILITIES				
Long-term Liabilities (Excluding Current Portion):				
Net Pension Liabilities	1,902,677	343,530	2,246,207	1,888,187
Non-Current Portion of Revenue Notes and Bonds Payable	<u>20,640,855</u>	<u>906,950</u>	<u>21,547,805</u>	<u>22,139,080</u>
Total Non-Current Liabilities	<u>22,543,532</u>	<u>1,250,480</u>	<u>23,794,012</u>	<u>24,027,267</u>
TOTAL LIABILITIES	24,175,206	1,411,587	25,586,793	25,763,335
DEFERRED INFLOWS				
Advances for Construction	166,387	-	166,387	166,519
Premium on Debt Refunding	243,804	-	243,804	254,640
Pension Contributions	<u>334,019</u>	<u>65,985</u>	<u>400,004</u>	<u>232,399</u>
TOTAL DEFERRED INFLOWS	744,210	65,985	810,195	653,558
NET POSITION				
Invested in Capital Assets, Net of Related Debt			25,789,504	26,620,053
Restricted			1,080,975	1,291,302
Unrestricted			<u>(1,441,475)</u>	<u>(1,588,378)</u>
TOTAL NET POSITION			<u>\$25,429,004</u>	<u>\$26,322,977</u>

See accompanying notes to financial statements.

ADAIR COUNTY WATER DISTRICT
 DBA COLUMBIA/ADAIR UTILITIES DISTRICT
 STATEMENTS OF REVENUE, EXPENSES AND CHANGES IN NET POSITION
 For the Years Ended December 31, 2017 and 2016

	Water	Sewer	Total 2017	Total 2016
OPERATING REVENUES				
Water Sales	\$3,650,909	\$ 664,077	\$ 4,314,986	\$ 4,336,871
Service Charges and Other	157,168	14,608	171,776	153,205
Total Operating Revenues	3,808,077	678,685	4,486,762	4,490,076
OPERATING EXPENSES				
Personal Service	1,201,507	284,353	1,485,860	1,339,609
Contractual Services	74,278	22,600	96,878	85,163
Supplies and Materials	356,652	54,466	411,118	382,473
Repairs and Maintenance	81,904	62,082	143,986	183,143
Operational	632,357	229,341	861,698	823,603
Depreciation and Amortization	1,516,359	544,375	2,060,734	2,067,860
Total Operating Expenses	3,863,057	1,197,217	5,060,274	4,881,851
OPERATING INCOME/(LOSS)	(54,980)	(518,532)	(573,512)	(391,775)
NON-OPERATING REVENUES (EXPENSES)				
Other Non-Utility Income	2,019	-	2,019	3,597
Interest Income	1,342	85	1,427	2,717
Bond Issuance Costs	(1,231)	(377)	(1,608)	(1,597)
Interest Expenses	(564,919)	(45,802)	(610,721)	(583,670)
Amortization of Bond Debt	7,260	3,576	10,836	10,836
Total Non-Operating Revenues (Expenses)	(555,529)	(42,518)	(598,047)	(568,117)
INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS	(610,509)	(561,050)	(1,171,559)	(959,892)
Capital Contributions	273,586	4,000	277,586	820,175
Grants	-	-	-	377,522
INCREASE (DECREASE) IN NET POSITION	(336,923)	(557,050)	(893,973)	237,805
NET POSITION				
Beginning of Year			26,322,977	26,085,172
End of Year			<u>\$25,429,004</u>	<u>\$26,322,977</u>

See accompanying notes to financial statements.

ADAIR COUNTY WATER DISTRICT
 DBA COLUMBIA/ADAIR UTILITIES DISTRICT
 STATEMENT OF CASH FLOWS
 For the Years Ended December 31, 2017 and 2016

	2017	2016
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash Received From Customers	\$ 4,460,180	\$ 4,413,239
Cash Payments to Employees for Services	(1,448,757)	(1,407,951)
Cash Payments to Suppliers for Goods and Services	(1,509,754)	(1,593,628)
Customer Deposits Received	28,925	32,550
Customer Deposits Returned	(25,117)	(25,578)
Net Cash Provided/(Used) By Operating Activities	1,505,477	1,418,632
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Acquisition and Construction of Capital Assets	(659,906)	(531,698)
Debt Retired	(1,167,475)	(2,280,017)
Debt Issued	585,102	753,836
Interest Paid on Debt	(600,235)	(580,034)
Capital Grants and Contributions	277,586	1,195,358
Net Cash Provided/(Used) By Financing Activities	(1,564,928)	(1,442,555)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Miscellaneous Non-Operating Income	2,019	3,597
Net Cash Provided/(Used) by Noncapital Financing Activities	2,019	3,597
CASH FLOWS FROM INVESTING ACTIVITIES		
Interest	1,427	2,717
Net Cash Provided/(Used) By Investing Activities	1,427	2,717
Net Increase/(Decrease) In Cash and Cash Equivalents	(56,005)	(17,609)
Cash and Cash Equivalents - Beginning of Year	1,369,883	1,387,492
Cash and Cash Equivalents - End of Year	\$ 1,313,878	\$ 1,369,883
RECONCILIATION OF CASH AND CASH EQUIVALENTS TO THE STATEMENT OF NET ASSETS		
Cash and Cash Equivalents	\$ 232,903	\$ 78,581
Restricted Cash	1,080,975	1,291,302
TOTAL CASH AND CASH EQUIVALENTS	\$ 1,313,878	\$ 1,369,883

See accompanying notes to financial statements.

ADAIR COUNTY WATER DISTRICT
 DBA COLUMBIA/ADAIR UTILITIES DISTRICT
 STATEMENT OF CASH FLOWS (CONTINUED)
 For the Years Ended December 31, 2017 and 2016

	2017	2016
RECONCILIATION OF OPERATING INCOME/(LOSS) TO NET CASH PROVIDED/(USED) FOR OPERATING ACTIVITIES		
Operating Income (Loss)	\$ (573,512)	\$ (391,775)
ADJUSTMENTS TO RECONCILE OPERATING INCOME/(LOSS) TO NET CASH PROVIDED/(USED) FOR OPERATING ACTIVITIES		
Depreciation	2,060,734	2,067,860
Change in Assets and Liabilities:		
(Increase)/Decrease in Accounts Receivable	(26,582)	(66,746)
(Increase)/Decrease in Inventory	(10,774)	(7,531)
(Increase)/Decrease in Prepaid Expenses	(9,373)	(7,091)
(Increase)/Decrease in Deferred Outflows - Pension	(496,225)	(275,002)
Increase/(Decrease) in Accounts Payable	24,205	20,519
Increase/(Decrease) in Accounts Payable - CIP	-	(125,413)
Increase/(Decrease) in Salaries and Wages Payable	2,442	5,242
Increase/(Decrease) in Customer Deposits	3,808	6,972
Increase/(Decrease) in Accrued and Withheld Taxes	5,261	25,909
Increase/(Decrease) in Deferred Inflows - Pension	167,605	54,309
Increase/(Decrease) in Advances for Construction	(132)	(10,091)
Increase/(Decrease) in Net Pension Liability	358,020	121,200
Total Reconciling Adjustments	2,078,989	1,810,137
NET CASH PROVIDED/(USED) BY OPERATING ACTIVITIES	\$ 1,505,477	\$ 1,418,362

See accompanying notes to financial statements.

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 1: DESCRIPTION OF ENTITY

Reporting Entity - The Adair County Water District Commissioners have financial accountability and control over all activities related to the water district. The district's primary source of income is derived from water sales. The district also receives funding from federal government sources and must comply with the requirements of those funding source entities.

The District operates under rules established by the Public Service Commission (PSC) of Kentucky. Accounting records of the District are maintained in accordance with the Uniform System of Accounts prescribed by the PSC.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting - The accounts of the Adair County Water District are accounted for within a single proprietary (enterprise) fund. The focus of proprietary fund measurement is upon determination of operating income, changes in net position, financial position, and cash flows. The GAAP applicable are those similar to businesses in the private sector. Enterprise funds are required to be used to account for operations for which a fee is charged to external users for goods or services and the activity is financed with debt that is solely secured by a pledge of net revenues.

Proprietary funds are accounted for using the "economic resources" measurement focus and the accrual basis of accounting. Accordingly, all assets, deferred outflows of resources, liabilities (whether current or noncurrent), and deferred inflows of resources are included on the Statement of Net Position. The Statement of Revenues, Expenses, and Changes in Net Position presents increases (revenues) and decreases (expenses) in total net position. Under accrual basis of accounting, revenues are recognized in the period in which they are earned while expenses are recognized in the period in which the liability is incurred, regardless of the timing of the related cash flows.

Non-exchange revenues, including intergovernmental revenues and grants, are reported when all eligibility requirements have been met. Fees and charges and other exchange's revenues are recognized when earned and expenses are recognized when incurred.

Cash, Cash Equivalents and Investments – The District considers all highly liquid investments with a remaining maturity of 90 days or less, when purchased, to be cash equivalents. Investments are presented at fair value. Short-term investments generally mature or are otherwise available for withdrawal in less than one year.

Accounts Receivable – Receivables include amounts due from customers for water services. These receivables are due at the time the services are billed. Billing is completed monthly and accounts are considered past due on the twenty first day after the end of each billing period. Accounts receivable are presented net of uncollectible accounts. The allowance amount is estimated using a percentage of accounts past due more than 30 days. At December 31, 2017 and 2016, the allowance for doubtful accounts was \$433,441 and \$377,100, respectively.

Inventory – Inventories are generally used for construction, operation, and maintenance work rather than for resale. Materials and supplies inventory consists principally of spare parts that are recorded when purchased and expensed when used. Inventory is stated at the lower of cost or market value. Cost is generally determined on a first-in, first-out basis.

Use of Estimates – The preparation of the basic financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Capital Assets and Related Depreciation – The utility plant and equipment was recorded at cost. Depreciation is computed using the straight-line method over the plant's estimated useful life of 40 years.

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

The office building is depreciated on a straight-line basis over an estimated useful life of 20 years. Machinery, office equipment, and service vehicles are depreciated on a straight-line basis over their estimated useful life, ranging from 5 to 10 years.

Long-Term Obligations - Long-term debt and other obligations are reported as district liabilities on the statement of net position. Premiums on debt refunding are being amortized and charged to expense over the term of the outstanding revenue bonds by use of the straight-line method.

Revenues and Expenses - Revenues and expenses are distinguished between operating and non-operating items. Operating revenues generally result from providing services and producing and delivering goods in connection with the District's principal ongoing operations. The principal operating revenues of the District are charges to customers for sales and services. Operating expenses include the 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.

Charges for Services - District billings are rendered and recorded monthly based on metered usage.

Capital Contributions - Cash and capital assets are contributed to the District by external parties. The value of property contributed to the District is reported as revenue on the statement of revenue, expenses and changes in net position.

Net Position - Net position comprises the various net earnings from operating income, non-operating revenues and expenses, and capital contributions. The net position is classified in the following three components:

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—this component of net position consists of constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

Unrestricted net position—this component of net position consists of net position that does not meet the definition of "restricted" or "invested in capital assets, net of related debt."

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 3: CASH AND CASH EQUIVALENTS AND INVESTMENTS

A comparison of the District's cash and investments is shown below:

	December 31, 2017	December 31, 2016
Unrestricted:		
Cash	\$ 232,903	\$ 78,581
Certificates of Deposit and Savings	-	-
Total Unrestricted	232,903	78,581
Restricted:		
Cash	590,237	800,564
Certificates of Deposit and Savings	490,738	490,738
Total Restricted	1,080,975	1,291,302
Total Cash and Cash Equivalents	\$ 1,313,878	\$ 1,369,883

There are three categories of credit risk that apply to the district's bank balance:

1. Insured or collateralized with securities held by the district or by the district's agent in the district's name.
2. Collateralized with securities held by the pledging financial institution's trust department or the district's agent in the district's name.
3. Uncollateralized.

	2017	2016
Insured (FDIC) or Collateral Held by Pledging Bank Securities in District's Name	\$ 1,313,878	\$ 1,369,883
Uninsured or Uncollateralized	-	-
Total (Memorandum Only)	\$ 1,313,878	\$ 1,369,883

The District's investment policy is conservative.

Deposits - The carrying amount of the District's deposits at December 31, 2017 was \$1,313,878 and the bank balance was \$1,320,691. The difference between the bank balance and the carrying amount represents outstanding checks and deposits in transit. Of the bank balance, \$500,000 was insured by federal depository insurance and the rest was collateralized by the pledging financial institution's trust department. The district's deposits are not subject to custodial credit risk.

Restricted Assets - The District includes all sinking fund deposits, funds required for other debt service, and funds related to specific projects or customer accounts to be restricted. At December 31, 2017 and 2016 restricted cash amounted to \$1,080,975 and \$1,291,302 respectively. This includes restrictions for customer deposits of \$41,536 and \$40,410 and restrictions for debt service of \$1,039,414 and \$1,250,717 respectively. This also includes \$25 restricted at December 31, 2017 for capital projects.

ADAIR COUNTY WATER DISTRICT
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NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 4: CAPITAL ASSETS

Capital asset activity for the years ended December 31, 2017 and 2016 was as follows:

	Balance 12/31/16	Additions	Deletions	Balance 12/31/17
Capital Assets Not Being Depreciated				
Land and Land Rights	\$ 559,020	\$ -	\$ -	\$ 559,020
Total Assets Not Being Depreciated	559,020	-	-	559,020
Capital Assets Being Depreciated				
Office Equipment	500,193	12,274	-	512,467
Service Equipment	766,623	32,999	1,825	797,798
Building	7,669,203	8,623	-	7,677,826
Plant and Equipment	65,852,566	606,010	-	66,458,576
Total Assets Being Depreciated	74,788,585	659,906	1,825	75,446,667
Total Capital Assets	\$75,347,605	\$ 659,906	\$ 1,825	\$76,005,687
Less: Accumulated Depreciation				
Office Equipment	\$ 752,711	\$ 219,540	\$ -	\$ 972,251
Service Equipment	766,814	141,554	1,825	906,543
Plant and Equipment	23,691,936	1,699,640	-	25,391,576
Total Accumulated Depreciation	25,211,461	2,060,734	1,825	27,270,370
Net Capital Assets	\$50,136,144	\$ (1,400,828)	\$ -	\$48,735,317

Depreciation expense for the year ended December 31, 2017 was \$2,060,734.

	12/31/15	Additions	Deletions	12/31/16
Capital Assets Not Being Depreciated				
Land and Land Rights	\$ 559,020	\$ -	\$ -	\$ 559,020
Construction in Progress	36,488	-	36,488	-
Total Assets Not Being Depreciated	595,508	-	36,488	559,020
Capital Assets Being Depreciated				
Office Equipment	459,451	42,257	1,515	500,193
Service Equipment	763,597	3,800	774	766,623
Building	7,669,203	-	-	7,669,203
Plant and Equipment	65,328,922	523,644	-	65,852,566
Total Assets Being Depreciated	74,221,173	569,701	2,289	74,788,585
Total Capital Assets	\$74,816,681	\$ 569,701	\$ 38,777	\$75,347,605
Less: Accumulated Depreciation				
Office Equipment	\$ 523,042	\$ 231,183	\$ 1,514	\$ 752,711
Service Equipment	626,236	140,578	-	766,814
Plant and Equipment	21,995,837	1,696,099	-	23,691,936
Total Accumulated Depreciation	23,145,115	2,067,860	1,514	25,211,461
Net Capital Assets	\$51,671,566	\$ (1,498,159)	\$ 37,263	\$50,136,144

NOTE 5: SHORT-TERM DEBT

As of December 31, 2017, the District has a loan payable to the Bank of Columbia for \$146,188, maturing July 2018, with an interest rate of 5.0%.

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 6: LONG-TERM OBLIGATIONS

Revenue Bonds and Debt with principal payments are detailed as follows:

	<u>2017</u>	<u>2016</u>
2004 Utilities Revenue Bond, original amount \$495,000 maturing October 1, 2043, with interest payments due semi-annually on April 1, and October 1 at a rate of 4.25%	\$ 412,000	\$ 420,500
2005 Water District Water Revenue Bond, original amount \$1,238,000 maturing January 1, 2045, with interest payments due annually on January 1 at a rate of 4.25%	1,039,000	1,060,000
2006 Water Revenue Bond, original amount \$3,480,000 maturing July 1, 2045, with interest payments due semi-annually on January 1, and July 1, at a rate of 4.375%.	3,055,000	3,107,000
2007 Water District Water Revenue Bond, original amount \$752,000 maturing January 1, 2046, with interest payments due annually on January 1 at a rate of 4.25%	663,500	675,000
2008 Water Revenue Bond, original amount \$300,000 maturing July 1, 2048, with interest payments due semi-annually on January 1, and July 1, at a rate of 4.375%	274,200	278,400
2008 Utilities Revenue Bond, original amount \$115,000 maturing October 1, 2047 with interest payments due semi-annual on April 1, October 1 at a rate of 4.125%	102,900	104,600
2009 Water District Water Revenue Bond, original amount \$1,100,000 maturing January 1, 2050, with interest payments due semi-annually on January 1, and July 1, at a rate of 2.38%	1,011,400	1,030,100
2011 Water Revenue Bond, original amount \$1,200,000 maturing January 1, 2051, with interest payments due semi-annually on January 1, and July 1, at a rate of 3%.	1,117,000	1,138,500
2012 Water District Water Revenue Bond, original amount \$1,459,000 maturing May 2052, with interest payments due semi-annually on January and July 1, at a rate of 2.375%	1,385,500	1,410,500
2013-D Water District Water Revenue Bond Refunding, original amount \$3,780,000 maturing August 2040, with interest payments due semi-annually on February and August 1, at a rate of 3.332%	2,905,000	3,100,000
2014 Water District Water Revenue Bond, original amount \$694,000 maturing January 2054, with interest payments due semi-annually on January and July 1, at a rate of 1.875%	681,500	694,000
Kentucky Infrastructure Authority Loan, F06-01, original amount \$4,405,817, maturing June 1, 2028, with interest payments due semi-annually on June 1, and, December 1, at a rate of 1.00%, plus a service fee of .25%.	2,486,612	2,710,130
Kentucky Infrastructure Authority Loan, F07-01, original amount \$1,000,000 maturing December 1, 2028, with interest payments due semi-annually on June 1, and, December 1, at a rate of 1.00%.	574,586	623,762

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 6: LONG-TERM OBLIGATIONS (CONTINUED)

	2017	2016
Kentucky Infrastructure Authority Loan, F10-01, original amount \$4,000,000 maturing December 1, 2032, with interest payments due semi-annually on June 1, and, December 1, at a rate of 1.00%.	\$ 3,073,524	\$ 3,262,534
Kentucky Infrastructure Authority Loan, F10-02, original amount \$1,694,000, maturing June 1, 2032, with interest payments due semi-annually on June 1, and, December 1, at a rate of 1.00%, plus a service fee of .25%.	1,261,314	1,341,760
Kentucky Infrastructure Authority Loan, F11-10, original amount \$345,089, maturing December 2034, with interest payments due semi-annually June and December, at a rate of 1.00% plus service fee of .25%.	795,285	820,824
Kentucky Infrastructure Authority Loan, F12-04, original amount \$1,429,524, maturing December 2044, with interest payments due semi-annually June and December, at a rate of .75% plus service fee of .25%.	\$ 1,723,090	\$ 1,342,773
Total Debt	22,561,411	23,120,383
Payments Due in Less Than One Year	(1,013,606)	(981,303)
Total Long-Term Obligations	\$21,547,805	\$22,139,080

The annual requirements to amortize all bonded debt outstanding as of December 31, 2017 are as follows:

	Principal	Interest	Total
2018	\$ 388,800	\$ 454,391	\$ 843,191
2019	375,100	439,072	814,172
2020	392,000	424,369	816,369
2021	408,200	408,967	817,167
2022	426,100	392,889	818,989
2023-2027	2,138,000	1,708,913	3,846,913
2028-2032	1,988,900	1,327,582	3,316,482
2033-2037	1,977,500	959,558	2,937,058
2038-2042	2,146,700	584,293	2,730,993
2043-2047	1,636,300	201,369	1,837,669
2048-2052	718,900	42,144	761,044
2053-2057	50,500	1,425	51,925
	\$ 12,647,000	\$ 6,944,972	\$ 19,591,972

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 6: LONG-TERM OBLIGATIONS (CONTINUED)

The annual requirements to amortize all loans outstanding as of December 31, 2017 are as follows:

	Principal	Interest	Total
2018	\$ 624,806	\$ 93,310	\$ 718,116
2019	630,906	87,210	718,116
2020	637,135	80,981	718,116
2021	643,391	74,725	718,116
2022	649,708	68,407	718,115
2023-2027	3,345,460	245,118	3,590,578
2028-2032	2,093,107	104,197	2,197,304
2033-2037	444,841	44,838	489,679
2038-2042	463,798	25,880	489,678
2043-2047	381,258	7,370	388,628
	<u>\$ 9,914,410</u>	<u>\$ 832,036</u>	<u>\$ 10,746,446</u>

Long – term liabilities for the year ending December 31, 2017 was as follows:

	Balance 12/31/2016	Addition	Reductions	Balance 12/31/2017	Due within One Year
Revenue Bonds	\$13,018,600	\$ -	\$ 371,600	\$12,647,000	\$ 388,800
Kentucky Infrastructure Authority (KIA)					
State Revolving Loans	10,101,783	585,102	772,474	9,914,411	624,806
Net Pension Liability	1,888,187	358,020	-	2,246,207	-
	<u>\$25,008,570</u>	<u>\$ 943,122</u>	<u>\$1,144,074</u>	<u>\$24,807,618</u>	<u>\$ 1,013,606</u>

NOTE 7: RISK MANAGEMENT

The Adair County Water District is exposed to various risks of losses related to torts; theft of, damage to, and destruction of assets; injuries to employees; errors and omissions and natural disasters. The District purchases commercial insurance to cover any of these instances. The District did not have settled claims that exceeded the District's commercial insurance coverage in any of the past three years.

NOTE 8: PENSION PLAN

General information about the County Employees retirement system Hazardous & Non-Hazardous ("CERS")

Plan description – Employees of the Adair County Water District are covered by the CERS, a cost-sharing multiple-employer defined benefit pension plan administered by the Kentucky Retirement System, an agency of the Commonwealth of Kentucky. Under the provisions of the Kentucky Revised Statute ("KRS") Section 61.645, the Board of Trustees of the Kentucky Retirement Administers CERS and has the authority to establish and amend benefit provisions. The Kentucky Retirement System issues a publicly available financial report that includes financial statements and required supplementary information for CERS. That report may be obtained from <http://kyret.ky.gov/>.

ADAIR COUNTY WATER DISTRICT
 DBA COLUMBIA/ADAIR UTILITIES DISTRICT
 NOTES TO FINANCIAL STATEMENTS
 For the Years Ended December 31, 2017 and 2016

NOTE 8: PENSION PLAN (CONTINUED)

Benefits provided – CERS provides retirement, health insurance, death, and disability benefits to Plan employees and beneficiaries. Employees are vested in the plan after five years' service. For retirement purposes, employees are grouped into three tiers, based on hire date:

Tier 1	Participation date	Before September 1, 2008
	Unreduced retirement	27 years service or 65 years old
	Reduced retirement	At least 5 years of service and 55 years old At least 25 years service and any age
Tier 2	Participation date	September 1, 2008 - December 31, 2013
	Unreduced retirement	At least 5 years service and 65 years old Or age 57+ and sum of service years plus age equal 87
	Reduced retirement	At least 10 years service and 60 years old
Tier 3	Participation date	After December 31, 2013
	Unreduced retirement	At least 5 years service and 65 years old Or age 57+ and sum of service years plus age equal 87
	Reduced retirement	Not available

Cost of living adjustments are provided at the discretion of the General assembly. Retirement is based on a factor of the number of years' service and the hire date multiplied by the average of the highest five years' earnings. Reduced benefits are based on factors of both of these components. Participating employees become eligible to receive the health insurance benefit after at least 180 months of service. Death benefits are provided for both death after retirement and death prior to retirement. Death benefits after retirement are \$5,000 in lump sum. Five years' service is required for death benefits prior to retirement and the employee must have suffered a duty-related death. The decedent's beneficiary will receive the higher of the normal death benefit and \$10,000 plus 25% of the decedent's monthly final rate of pay and any dependent child will receive 10% of the decedent's monthly final rate of pay up to 40% for all dependent children. Five years' service is required for non-service related disability benefits.

Contributions – Required contributions by the employee are based on the tier:

	<u>Required contribution</u>
Tier 1	5%
Tier 2	5% + 1% for insurance
Tier 3	5% + 1% for insurance

The District's contribution requirement for CERS for the years ended December 31, 2017, 2016, and 2015 was \$130,339, \$108,953, and \$120,848 from the District and \$46,292, \$46,240, and \$47,494 from employees. The total covered payroll for CERS during the years ended December 31, 2017, 2016 and 2015 was \$948,537, \$938,186, and \$927,360.

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

At December 31, 2017, the District reported a liability of \$2,246,207 for its proportionate share of the net pension liability for CERS. The net pension liability for each plan was measured as of June 30, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The District's proportion of the net pension liability for CERS was based on the actual liability of the employees and former employees relative to the total liability of the System as determined by the actuary. At June 30, 2017, the District's proportion was 0.038375% percent.

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 8: PENSION PLAN (CONTINUED)

For the year ended December 31, 2017, the District recognized pension expense of \$205,640. At December 31, 2017, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>Deferred Outflows Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 19,381	\$ 51,316
Changes of assumptions	577,785	-
Net difference between projected and actual earnings on pension plan investments	255,159	182,891
Changes in proportion and differences between District contributions and proportionate share of contributions	2,185	165,797
District contributions subsequent to the measurement date	<u>264,276</u>	<u>-</u>
Total	<u>\$1,118,786</u>	<u>\$ 400,004</u>

\$264,276 reported as deferred outflows of resources related to pensions resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended December 31, 2017. Other amounts reported as deferred outflows of resources and deferred inflows related to pensions will be recognized in pension expense as follows:

<u>Year Ended June 30:</u>	
2018	58,360
2019	58,360
2020	86,592
2021	51,090
2022	45,534
Thereafter	154,570

Actuarial assumptions—the total pension liability in the June 30, 2017 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

	<u>CERS</u>
Inflation	3.25%
Projected salary increases	4.00%
Investment rate of return, net of investment expense & inflation	7.50%

For CERS, Mortality rates for the period after service retirement are according to the 1983 Group Annuity Mortality Table for all retired employees and beneficiaries as of December 31, 2006 and the 1994 Group Annuity Mortality Table for all other employees. The Group Annuity Mortality Table set forward five years is used for the period after disability retirement.

For CERS, the long-term expected return on plan assets is reviewed as part of the regular experience studies prepared every five years. The most recent analysis, performed for the period covering fiscal years 2005 through 2008, is outlined in a report dated

ADAIR COUNTY WATER DISTRICT
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NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 8: PENSION PLAN (CONTINUED)

August 25, 2009. Several factors are considered in evaluating the long-term rate of return assumption including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation) were developed by the investment consultant for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation. The capital market assumptions developed by the investment consultant are intended for use over a 10-year horizon and may not be useful in setting the long-term rate of return for funding pension plans which covers a longer timeframe. The assumption is intended to be a long-term assumption and is not expected to change absent a significant change in the asset allocation, a change in the inflation assumption, or a fundamental change in the market that alters expected returns in future years.

Discount rate—for CERS, the discount rate used to measure the total pension liability was 6.25%. The projection of cash flows used to determine the discount rate assumed that contributions from plan employees and employers will be made at statutory contribution rates. Projected inflows from investment earning were calculated using the long-term assumed investment return of 7.50%. The long-term investment rate of return was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of CERS proportionate share of net pension liability to changes in the discount rate—The following table present the net pension liability of the Adair County Water District, calculated using the discount rates selected by CERS, as well as what the Adair County Water District's net pension liability would be if it were

calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	<u>1% Decrease</u>	<u>Current Discount Rate</u>	<u>1% Increase</u>
CERS	5.25%	6.25%	7.25%
District's proportionate share of net pension liability	2,832,952	2,246,207	1,755,399

Pension plan fiduciary net positions—detailed information about the pension plan's fiduciary net position is available in the financial report of CERS.

DEFERRED COMPENSATION:

The District also offers employees the option to participate in a defined contribution plan under Section 403(B), 401(K) and 457 of the Internal Revenue Code. All regular full-time and part-time employees are eligible to participate and may contribute up to the maximum amount allowable by law. The District does not contribute to these plans. For the year ended December 31, 2017, employees contributed approximately \$16,025 to the plan.

The County Employees Retirement System issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by writing to Kentucky Retirement Systems, Perimeter Park West, 1260 Louisville Road, Frankfort, Kentucky 40601.

NOTE 9: BASIS FOR EXISTING RATES

Current water rates were approved by the PSC in January 2012 and became effective with the February 2012 billing period and current sewer rates were approved by the PSC in July 2014 and became effective with the February 2015 billing period.

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO FINANCIAL STATEMENTS
For the Years Ended December 31, 2017 and 2016

NOTE 10: SUBSEQUENT EVENTS

The District's management has evaluated subsequent events through June 29, 2018, the date the financial statements were available to be issued.

REQUIRED SUPPLEMENTARY SCHEDULES

ADAIR COUNTY WATER DISTRICT
 DBA COLUMBIA/ADAIR UTILITIES DISTRICT
 STATEMENT OF REVENUE, EXPENSES, AND CHANGES IN NET POSITION -
 BUDGET TO ACTUAL
 For the Year Ended December 31, 2017

	Final Budget	Actual	Variance with Final Budget Favorable (Unfavorable)
OPERATING REVENUES			
Charges for Services	\$ 4,592,500	\$ 4,314,986	\$ (277,514)
Service Charges and Other	150,000	171,776	21,776
Total Operating Revenues	<u>4,742,500</u>	<u>4,486,762</u>	<u>(255,738)</u>
OPERATING EXPENSES			
Contractual Services	83,000	96,878	(13,878)
Supplies & Materials	475,000	411,118	63,882
Depreciation & Amortization	1,500,000	2,060,734	(560,734)
Personal Service	1,585,000	1,485,860	99,140
Operational	1,039,775	1,005,684	34,091
Total Operating Expenses	<u>4,682,775</u>	<u>5,060,274</u>	<u>(377,499)</u>
OPERATING INCOME (LOSS)	<u>59,725</u>	<u>(573,512)</u>	<u>(633,237)</u>
NON-OPERATING REVENUES (EXPENSES)			
Interest Income	2,500	1,427	(1,073)
Interest Expenses and Fiscal Charges	(384,172)	(610,721)	(226,549)
Miscellaneous Non-Utility Expense	(1,000)	(1,608)	(608)
Miscellaneous Non-Utility Income	2,000	12,855	10,855
Total Non-operating Revenues (Expenses)	<u>(380,672)</u>	<u>(598,047)</u>	<u>(217,375)</u>
INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS	<u>(320,947)</u>	<u>(1,171,559)</u>	<u>(850,612)</u>
Capital Contributions	-	277,586	277,586
CHANGE IN NET POSITION	<u>(320,947)</u>	<u>(893,973)</u>	<u>(573,026)</u>
NET POSITION			
Beginning of Year	<u>26,322,977</u>	<u>26,322,977</u>	<u>-</u>
End of Year	<u>\$26,002,030</u>	<u>\$25,429,004</u>	<u>\$ (573,026)</u>

ADAIR COUNTY WATER DISTRICT
 DBA COLUMBIA/ADAIR UTILITIES DISTRICT
 SCHEDULE OF THE DISTRICT'S PROPORTIONATE SHARE OF THE CERS NET PENSION LIABILITY
 December 31, 2017

	2017	2016	2015	2014
District's proportion of the net pension liability (asset)	0.03838%	0.03835%	0.04110%	0.017693%
District's proportionate share of the net pension liability (asset)	2,246,207	1,888,187	1,766,987	1,407,000
District's covered-employee payroll	948,537	938,186	927,360	951,820
District's proportionate share of the net pension liability (asset) as a percentage of it covered-employee payroll	236.81%	201.26%	190.54%	147.82%
Plan fiduciary net position as a percentage of the total pension liability	53.30%	55.50%	59.97%	66.80%

ADAIR COUNTY WATER DISTRICT
 DBA COLUMBIA/ADAIR UTILITIES DISTRICT
 SCHEDULE OF CONTRIBUTIONS TO CERS
 December 31, 2017

	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Contractually required contribution	\$ 130,339	\$ 108,953	\$ 120,848	\$ 187,902
Contributions in relation to the contractually required contribution	<u>(130,339)</u>	<u>(108,953)</u>	<u>(120,848)</u>	<u>(187,902)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
District's covered-employee payroll	\$ 948,537	\$ 938,186	\$ 927,360	\$ 951,820
Contributions as a percentage of covered-employee payroll	13.74%	11.61%	13.03%	19.74%

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION - CERS
For the Year Ended December 31, 2017

NOTE 1 – CHANGES OF BENEFIT TERMS

The following changes were made by the Kentucky Legislature and reflected in the valuation performed as of June 30 listed below:

2009: A new benefit tier for members who first participate on or after September 1, 2008 was introduced which included the following changes:

1. Tiered Structure for benefit accrual rates
2. New retirement eligibility requirements
3. Different rules for the computation of final average compensation

2014: A cash balance plan was introduced for member whose participation date in on or after January 1, 2014.

NOTE B – CHANGES OF ASSUMPTION

The following changes were made by the Kentucky Legislature and reflected in the valuation performed as of June 30 listed below:

2006: The assumptions were updated as the result of an experience study for the five year period ending June 30, 2005

2007: Amortization bases have been combined and will be amortized over a single 30 year closed period beginning June 30, 2007.

2009: The assumptions were updated as the result of an experience study for the three year period ending June 30, 2008

2013: The amortization period of the unfunded accrued liability was reset to a closed 30 year period.

2015:

1. The assumed investment rate of return was decreased from 7.75% to 7.50%.
2. The assumed rate of inflation was reduced from 3.50% to 3.25%.
3. The assumed rate of wage inflation was reduced from 1.00% to 0.75%.
4. Payroll growth assumption was reduced from 4.50% to 4.00%.
5. The mortality table used for active members is the RP-2000 Combined Mortality Table projected with Scale BB to 2013 (multiplied by 50% for males and 30% for females).
6. For healthy retired members and beneficiaries, the mortality table used is the RP-2000 Combined Mortality Table projected with Scale BB to 2013 (set back 1 year for females). For disabled members, the RP-2000 Combined Mortality Table projected with Scale BB to 2013 (set back 4 years for males) is used for the period after disability retirement. There is some margin in the current mortality tables for possible future improvement in mortality rates and that margin will be reviewed again when the next experience investigation is conducted.
7. The assumed rates of Retirement, Withdrawal and Disability were updated to more accurately reflect experience.

ADAIR COUNTY WATER DISTRICT
DBA COLUMBIA/ADAIR UTILITIES DISTRICT
SCHEDULE OF PRIOR YEAR AUDIT FINDINGS
For the Year Ended December 31, 2017

The audit of Adair County Water District for the year ended December 31, 2016, revealed no audit findings requiring corrective action.

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

To the Board of Commissioners of
Adair County Water District

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities of Adair County Water District, as of and for the years ended December 31, 2017 and 2016, and the related notes to the financial statements, which collectively comprise the Adair County Water District's basic financial statements, and have issued our report thereon dated June 29, 2018.

Internal Control Over Financial Reporting

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

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

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

Compliance and Other Matters

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

Purpose of this Report

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

Wise, Buckner, Sprowles & Associates, PLLC

Wise, Buckner, Sprowles & Associates, PLLC
Campbellsville, KY

June 29, 2018