

**CALDWELL COUNTY WATER DISTRICT**  
**FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED DECEMBER 31, 2016**

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**JESSICA K. DANIEL, CPA PSC**  
CERTIFIED PUBLIC ACCOUNTANT

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**INDEPENDENT AUDITORS' REPORT**

To the Board of Commissioners  
Caldwell County Water District  
Princeton, Kentucky

**Report on the Financial Statements**

We have audited the accompanying financial statements of the Caldwell County Water District as of and for the year ended December 31, 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 the financial statements that are free from material misstatement, whether due to fraud or error.

**Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America 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 assessments 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 Caldwell County Water District as of December 31, 2016, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

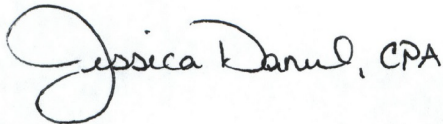
## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information, schedule of contributions, and schedule of proportionate share of net pension liability on pages 3 through 8 and 34 through 37 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### **Other Reporting Required by *Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued a report dated April 10, 2017, on our consideration of the Caldwell County Water District's internal control over financial reporting and 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 the 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 the Caldwell County Water District's internal control over financial reporting and compliance.

A handwritten signature in black ink that reads "Jessica Daniel, CPA". The signature is written in a cursive style with a large, looping initial "J".

Eddyville, Kentucky  
April 10, 2017

**CALDWELL COUNTY WATER DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
DECEMBER 31, 2016  
(UNAUDITED)**

The Caldwell County Water District ("District") offers Management's Discussion and Analysis to provide an overview and analysis of the District's financial activities for the years ended December 31, 2016. To fully understand the entire scope of the District's financial activities, this information should be read in conjunction with the financial statement provided in this document.

**FINANCIAL HIGHLIGHTS**

- Total assets and deferred outflows of resources of the District exceed its total liabilities and deferred inflows of resources at December 31, 2016, by \$6,046,437 (Net Position). Of this amount, \$(86,983) represents the unrestricted net position.
- The District's net position decreased by \$357,267 resulting in a December 31, 2016 balance of \$6,046,437. This balance represents a change of 6% decrease in net position over the December 31, 2015 balance of \$6,403,704.
- The District's 2016 operating revenues of \$1,186,209 increased 11.0% from the 2015 amount and operating expenses for 2016 of \$1,428,797 increased 11.3%. Non-operating income for 2016, consisted of interest income of \$987 and capital contributions consisted of tap on fees of \$18,351.
- The District's unrestricted cash available for operating expenses was \$176,331 at December 31, 2016.
- The District's investment in capital assets was \$8,477,538 net of depreciation at December 31, 2016.

**OVERVIEW OF THE FINANCIAL STATEMENTS**

Caldwell County Water District's basic financial statements include a statement of net position, statement of revenues, expenses and changes in net position, statement of cash flows and notes to the financial statements.

The District's financial statements are prepared on the accrual basis of accounting in accordance with generally accepted accounting principles promulgated by the Governmental Accounting Standards Board (GASB).

**Statement of net position.** The statement of net position presents the financial position of the District. It presents information on the District's assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating. The statement of net position can be found on page 9.

**Statement of revenues, expenses and changes in net position.** The statement of revenues, expenses and changes in net position presents information showing how the District's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Revenues are recognized when they are earned, not when they are received. Expenses are recognized when incurred, not when they are paid. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future periods. The statement of revenues, expenses and changes in net position is on page 10 of this report.

**Statement of cash flows.** The statement of cash flows presents information on the effects changes in assets and liabilities have on cash during the course of the fiscal year and can be found on page 11.

**Notes to the financial statements.** The notes provide additional information that is essential to a full understanding of the data provided in the District's financial statements. The notes to the financial statements can be found on pages 12-32 of this report.

Supplementary Information. In addition to basic financial statements and accompanying notes, this report also presents certain required supplementary information which can be found on page 34-39.

## **OVERVIEW OF THE DISTRICT'S FINANCIAL POSITION AND RESULTS OF OPERATIONS**

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. In the case of the District, assets exceeded liabilities by \$6,046,437 as of December 31, 2016.

The District's overall financial position and operations for the past two years are summarized as follows:

**CALDWELL COUNTY WATER DISTRICT'S  
NET POSITION**

	<u>2016</u>	<u>2015</u>
Assets:		
Current and other assets	\$ 1,190,166	\$ 1,287,372
Capital assets	<u>8,477,538</u>	<u>8,846,834</u>
Total Assets	<u>9,667,704</u>	<u>10,134,206</u>
Deferred Outflows of Resources:	<u>82,853</u>	<u>54,268</u>
Liabilities:		
Other liabilities	164,797	178,953
Current portion of long-term debt	99,500	86,500
Long-term liabilities	<u>3,430,438</u>	<u>3,486,449</u>
Total Liabilities	<u>3,694,735</u>	<u>3,751,902</u>
Deferred Inflows of Resources	<u>9,385</u>	<u>32,868</u>
Net Position:		
Net investment in capital assets	5,350,038	5,632,834
Restricted	783,382	745,585
Unrestricted	<u>(86,983)</u>	<u>25,285</u>
Total Net Position	<u>\$ 6,046,437</u>	<u>\$ 6,403,704</u>

The largest portion of the District's net position (88%) reflects its investments in capital assets (e.g., land and construction in progress, buildings, plants and facilities, machinery and equipment, system studies and mapping and infrastructure), less any debt used to acquire those assets that is still outstanding. The District uses these capital assets to provide services to citizens; consequently, these assets are not available for future spending. Although the District's investment in its capital assets are reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

An additional portion of the District's net position (12%) represents resources that are subject to external restriction on how they may be used. The remaining balance of unrestricted net position \$(86,983) may be used to meet the District's ongoing obligations to citizens and creditors.

As of December 31, 2016, the District is able to report positive balances in all three categories of net position.

**Analysis of the District's Operations** – Overall the District had a decrease in net position of \$357,267.

The following table provides a summary of the District's operations for the year ended December 31, 2016 and 2015.

**CALDWELL COUNTY WATER DISTRICT  
CHANGES IN NET POSITION**

	<u>2016</u>	<u>2015</u>
<b>Revenues</b>		
Operating revenues	\$ 1,186,209	\$ 1,068,248
Investment income	987	1,844
Gain (loss) on sale of assets	-	9,000
Capital grants and contributions	<u>18,351</u>	<u>18,935</u>
Total revenues	<u>1,205,547</u>	<u>1,098,027</u>
<b>Expenses</b>		
Source of supply purchases	411,804	385,158
Depreciation and amortization	393,659	390,573
Administrative and general expenses	296,751	305,609
Transmission and distribution expenses	283,980	171,135
Interest on debt and other	134,017	137,757
Payroll and other taxes	22,486	15,438
Customer accounts expenses	11,036	10,619
Water treatment	5,051	3,955
Bad debts	<u>4,030</u>	<u>762</u>
Total Expenses	<u>1,562,814</u>	<u>1,421,006</u>
Change in net position	(357,267)	(322,979)
Net position - January 1 - restated	<u>6,403,704</u>	<u>6,726,683</u>
Net position - December 31	<u>\$ 6,046,437</u>	<u>\$ 6,403,704</u>

**FINANCIAL ANALYSIS OF THE DISTRICT'S OPERATIONS**

Overall, the District's financial position is consistent with the previous year.



## CAPITAL ASSETS AND DEBT ADMINISTRATION

### Capital assets

The District's investment in capital assets for business-type activities as of December 31, 2016, amounts to \$8,477,538 (net of accumulated depreciation). This investment in capital assets includes land, buildings, plants and facilities, machinery and equipment, and infrastructure. The total decrease in the District's net investment in capital assets for the fiscal year was 4%.

	2016	2015
<b>Business-type activities:</b>		
Capital assets, not being depreciated:		
Land	\$ <u>9,000</u>	\$ <u>9,000</u>
Total capital assets, not being depreciated	<u>9,000</u>	<u>9,000</u>
Capital assets, being depreciated:		
Transmission and distribution	8,304,977	8,630,971
Furniture and fixtures	3,499	7,294
Machinery and equipment	78,762	112,607
Building	76,317	81,479
Leasehold improvements	<u>4,983</u>	<u>5,483</u>
Total capital assets, being depreciated	<u>8,468,538</u>	<u>8,837,834</u>
Business-type activities capital assets, net	<u>\$ 8,477,538</u>	<u>\$ 8,846,834</u>

During the year ended December 31, 2016, the District acquired assets totaling \$24,363 for new meter sets.

Additional information on the District's capital assets can be found in Note 5 of this report.

### Long-term and other debt

At the end of the current year, the Caldwell County Water District had total debt of \$3,127,500. No new debt was issued in 2016. Long-term debt at December 31, 2016, was as follows:

	2016	2015
Waterworks revenue series 1993	\$ 274,000	\$ 284,000
Waterworks revenue series 1996	653,000	673,000
Waterworks revenue series 1999	626,000	641,500
Waterworks revenue series 2000	332,500	340,500
Waterworks revenue series 2002	683,000	697,000
Waterworks revenue series 2004	524,000	533,000
KIA loan 1993	<u>35,000</u>	<u>45,000</u>
Total	<u>\$ 3,127,500</u>	<u>\$ 3,214,000</u>

Interest expense of \$134,017 was incurred during the year ended December 31, 2016.

Additional information on the District's long-term debt can be found in Note 6 of this report.

## **REQUEST FOR INFORMATION**

This financial report is designated to provide a general overview of the Caldwell County Water District's finances for all those with an interest in the government's finances. Questions or requests for additional information may be addressed to Jimmy Littlefield, CEO, Caldwell County Water District, 118 West Market Street, Princeton, KY 42445.

**Caldwell County Water District**  
**Statement of Net Position**  
**December 31, 2016**

**Assets**

**Current Assets:**

Cash equivalents	\$ 176,331
Customer accounts receivable (less allowance for uncollectible accounts of \$14,920)	109,606
Unbilled revenue	62,645
Inventory	58,202
Prepayments	13,103
Restricted assets:	
Cash equivalents	47,303
Investments	722,976
Total current assets	<u>1,190,166</u>

**Noncurrent Assets:**

Capital assets, net of depreciation	<u>8,477,538</u>
Total noncurrent liabilities	<u>8,477,538</u>
Total Assets	<u>9,667,704</u>

**Deferred Outflows of Resources**

Deferred outflows of related pensions	<u>82,853</u>
Total deferred outflows of resources	<u>82,853</u>

**Liabilities**

**Current liabilities:**

Trade accounts payable	31,390
Accrued liabilities	21,148
Accrued interest on debt	65,961
Customers' deposits	46,300
Long-term debt due in one year	<u>99,500</u>
Total current liabilities	<u>264,299</u>

**Noncurrent liabilities:**

Long-term debt due after one year	3,028,000
Net pension liability	<u>402,436</u>
Total noncurrent liabilities	<u>3,430,436</u>
Total Liabilities	<u>3,694,735</u>

**Deferred Inflows of Resources**

Deferred inflows related to pensions	<u>9,385</u>
Total deferred inflows of resources	<u>9,385</u>

**Net Position**

Net investment in capital assets	5,350,038
Restricted for:	
Debt service	723,976
Customer deposits	46,303
Prepaid expenses	13,103
Unrestricted	<u>(86,983)</u>
Total Net Position	<u>\$ 6,046,437</u>

See accompanying notes to financial statements.

**Caldwell County Water District**  
**Statement of Revenues, Expenses, and Changes in Net Position**  
**For the Year Ended December 31, 2016**

<b><u>Operating Revenue</u></b>	
Water revenues	\$ 1,156,081
Other	30,128
Total Operating Revenues	<u>1,186,209</u>
<b><u>Operating Expenses</u></b>	
Source of supply purchases	411,804
Depreciation	393,659
Administrative and general expenses	296,751
Transmission and distribution expenses	283,980
Payroll and other taxes	22,486
Customer accounts expenses	11,036
Water treatment	5,051
Bad debts	4,030
Total Operating Expenses	<u>1,428,797</u>
<b><u>Operating Income (Loss)</u></b>	<u>(242,588)</u>
<b><u>Nonoperating Revenues (Expenses)</u></b>	
Investment income	987
Interest on debt	(134,017)
Total Nonoperating Revenue (Expenses)	<u>(133,030)</u>
<b><u>Net Income Before Capital Contributions</u></b>	(375,618)
<b><u>Capital Contributions</u></b>	<u>18,351</u>
<b><u>Change in Net Position</u></b>	(357,267)
<b><u>Net Position-Beginning of Year</u></b>	6,403,704
<b><u>Net Position-End of Year</u></b>	<u>\$ 6,046,437</u>

See accompanying notes to financial statements.

**Caldwell County Water District**  
**Statement of Cash Flows**  
**For the Year Ended December 31, 2016**

**Cash Flows From Operating Activities**

Cash received from customers	\$ 1,158,831
Cash payments to suppliers for goods and services	(673,061)
Cash payments to employees for services	(405,546)
Net Cash Provided By Operating Activities	<u>80,224</u>

**Cash Flows From Capital and Related Financing Activities**

Principal paid on capital debt	(86,500)
Contributed capital	18,351
Acquisition of property, plant, and equipment	(24,363)
Interest paid on debt	(135,674)
Net Cash Used by Capital and Related Financing Activities	<u>(228,186)</u>

**Cash Flows From Investing Activities**

Income received on investments	32
Purchase of investment securities	(28,411)
Net Cash Used By Investing Activities	<u>(28,379)</u>

**Net Increase (Decrease) in Cash Equivalents** (176,341)

**Cash Equivalents-Beginning of Year** 399,975

**Cash Equivalents-End of Year** \$ 223,634

**Reconciliation of Operating Income to Net Cash Provided**

**By Operating Activities**

Operating Income (Loss)	\$ (242,588)
Adjustments to reconcile operating income to net cash provided by operating activities:	
Depreciation	393,659
Change in assets and liabilities	
Decrease (increase) in accounts receivable	(27,378)
Decrease (increase) in inventory	(22,000)
Decrease (increase) in prepayments	(391)
Decrease (increase) in deferred outflows of resources	(28,585)
Increase (decrease) in accounts payable	(26,915)
Increase (decrease) in customer deposits	8,040
Increase (decrease) in accrued liabilities	6,378
Increase (decrease) in deferred pension liability	43,487
Increase (decrease) in deferred inflows of pensions	(23,483)
Net Cash Provided By Operating Activities	<u>\$ 80,224</u>

**Reconciliation of Total Cash**

Current Assets - Cash	\$ 176,331
Restricted Assets - Cash	<u>47,303</u>
Total Cash	<u><u>\$ 223,634</u></u>

**Non-cash Investing, Capital and Related Financing Activities - None**

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

1. **SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**Organization**

The Caldwell County Water District, (the District), is a county water district supported by funds derived from the sale of water and is operated by a District Board. The District is authorized under Kentucky Revised Statutes and constitutes a governmental subdivision of the Commonwealth of Kentucky. The District is located in Princeton, Kentucky and primarily serves rural Caldwell County.

The accounting and reporting policies of the District relating to the accompanying basic financial statements conform to accounting principles generally accepted in the United States of America applicable to state and local governments. Generally accepted accounting principles for local governments include those principles prescribed by the Governmental Accounting Standards Board (GASB), the American Institute of Certified Public Accountants in the publication entitled Audits of State and Local Governmental Units and by the Financial Accounting Standards board (when applicable). The District follows GASB pronouncements as codified under GASB 62. The more significant accounting policies of the District are described below:

**Principles Determining Scope of Reporting Entity**

The District's financial report includes only the funds of the District. The District has no oversight responsibility for any other governmental entity and is not included in any other governmental "reporting entity" as defined by the Governmental Accounting Standards Board pronouncement. The District's Board members are appointed by the County Judge Executive, a publicly elected official, and they have decision making authority, the authority to set rates, the power to designate management, the ability to significantly influence operations and primary accountability for fiscal matters.

**Basis of Presentation**

The accounts of the District are organized in accordance with the uniform system of accounts adopted by the Public Service Commission of Kentucky. Those accounts are organized on the basis of a proprietary fund type, specifically an enterprise fund. The operations of each fund are summarized by providing a separate set of self balancing accounts which include its assets, liabilities, net position, revenues and expenses. The following funds are used by the District:

*Proprietary Fund Types*

Proprietary funds are accounted for using the economic resources measurement focus and the accrual basis of accounting. The accounting objectives are determinations of net income, financial position and cash flow. All assets and liabilities are included on the Statement of Net Position.

**Measurement Focus/Basis of Accounting**

Measurement focus refers to what is being measured; basis of accounting refers to when revenues and expenditures are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurement made, regardless of the measurement focus applied. The accounting and financial statements for a proprietary fund are reported using the economic resources measurement focus and the accrual basis of accounting. The economic resources measurement focus means all assets and all liabilities (whether current or non-current) are included on the statement of net position and the operating statements present increases (revenues) and decreases (expenses) in net total assets. Under the accrual basis of accounting, revenues are recognized when earned, including unbilled water services which are accrued. Expenses are recognized at the time the liability is incurred.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**Reclassifications**

Prior period financial statement amounts have been reclassified to conform to current period presentation. Operating income and net earnings for the prior period were not impacted by the reclassifications.

**Budget**

The District is required to follow budgetary guidelines established by the Public Service Commission and the Department of Rural Development. Those guidelines require:

- 1) The District to submit a proposed budget for the fiscal year commencing the following January 1. The operating budget includes proposed expenditures and the means of financing them for the upcoming year.
- 2) The District is required to submit a budget to the Department of Rural Development for each fiscal year as stipulated in the bond agreement.

For the year ended December 31, 2016, the District has complied with budgetary guidelines.

**Cash Equivalents/ Investments**

Cash and cash equivalents are deposited with First Southern National Bank. District ordinances authorize the District to invest in obligations of the U.S. Government and its instrumentalities, mutual funds, repurchase agreements, and demand deposits. All investments must be purchased through brokers/dealers or deposited with local financial institutions.

For the purpose of the statement of cash flows, the District considers all cash in banks and certificates of deposit with stated maturities of three months or less or available for withdrawal by management to be cash and cash equivalents. Cash equivalents consist of funds held in a sweep account in a financial institution.

**Prepaid Items**

Payments made to vendors for services that will benefit periods beyond December 31, 2016 are recorded as prepaid items.

**Post Employment Benefits**

Post employment benefits are those received by employees after termination of employment. The District provides no such benefits.

**Capital Assets**

Capital assets are stated at original cost as defined for regulatory purposes. The costs of additions to capital assets and replacement of retirement units are capitalized. Replacement of minor items of property is charged to expense as incurred. Depreciation is computed using the straight-line method. When assets are retired or otherwise disposed of, the cost and related accumulated depreciation are removed from the accounts, and any resulting gain or loss is recognized in income for the period. The cost of maintenance and repairs is charged to income as incurred; significant betterments are capitalized.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

Contributions from customers for the purpose of purchasing service connections to the utility plant are recorded as income when they are received. Depreciation on contributed assets is recorded as an expense in the statement of revenue and expense. Capital assets are depreciated over the following useful lives:

Transmission and Distribution Equipment	20 to 65 years
Furniture, Machinery and Equipment	5 to 10 years
Leasehold Improvements	15 to 25 years
Vehicles	3 to 5 years

**Allowance for Uncollectible Accounts**

An allowance for uncollectible accounts has been provided based on an analysis of receivables outstanding more than 120 days. Based on past experience, management considers the allowance adequate to provide for any losses on collection of the December 31, 2016 accounts receivable.

**Unearned Revenue**

The District recognizes certain revenue transactions as unearned revenue. Revenue cannot be recognized until it has been earned and is available to finance expenditures of the current fiscal period. Revenue that is earned but not available is reported as a current liability or deferred inflow of resources until such time as the revenue becomes available.

**Inventory**

Inventories are generally used for repair and replacement of infrastructure and connection of new services and are stated at average cost.

**Restricted Assets**

The restricted assets have been handled in accordance with the provisions of the various enterprise fund revenue bond resolutions, loan resolutions, loan agreements, or by state or federal laws and regulations. When both restricted and unrestricted resources are available for use, it is the District's policy to use restricted resources first, then unrestricted resources as needed. See Note 4 for information describing restricted assets.

**Estimates**

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

**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; injuries to employees; and natural disaster. During the year ended December 31, 2016, the District contracted with commercial insurance carriers for coverage of all risks mentioned above. Settled claims resulting from these risks have not exceeded commercial insurance coverage in any of the past three years. There were no significant reductions in coverage during the past three years.



**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**Bond Discounts/Issuance Costs**

The District adopted GASB 65, *Items Previously Reported as Assets and Liabilities* for the year ended December 31, 2013. GASB 65 requires that debt issuance costs be expensed in the period they are incurred.

**Pensions**

For purposes of measuring the net pension liability deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the County Employees Retirement System in the Kentucky Retirement Systems (KRS) and additions to/deductions from the plan's fiduciary net position have been determined on the same basis as they are reported by the KRS. For this purpose, benefits (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms of the County Employees Retirement System. Investments are reported as fair value.

**Net Position**

In the financial statements, equity is classified as net position and displayed in three components.

- **Net investment in capital assets** - Capital assets, net of accumulated depreciation and reduced by the outstanding balance of any borrowings that are attributable to the acquisition, construction, or improvement of those assets net of unspent financing proceeds.
- **Restricted net position** - Net position with constraints placed on their use that are either (a) externally imposed by creditors, grantors, contributors, laws, or regulations of other governments; or (b) imposed by law through constitutional provisions or enabling legislation.
- **Unrestricted net position** - All other net position that does not meet the definition of "restricted" or "net investment in capital assets."

**Deferred Outflows of Resources and Deferred Inflows of Resources**

**Deferred Outflows of Resources:** In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The District has one item that qualify for reporting in this category.

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

A deferred inflow from pensions results from net differences between expected and actual earnings on pension plan investments. This amount is deferred and will be recognized as a reduction of pension expense over the next four years.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**Adoption of New Accounting Pronouncements**

**GASB Statement No. 72**

GASB Statement No. 72, *Fair Value Measurement and Application*, was issued February 2015. The provisions of this Statement are effective for periods beginning after June 15, 2015. This Statement addresses accounting and financial reporting issues related to fair value measurements.

**GASB Statement No. 73**

GASB Statement No. 73, *Accounting and Financial Reporting and Pensions and Related Assets That Are Not within the Scope of GASB 68, and Amendments to Certain Provisions of GASB Statements 67 and 68*, was issued June 2015. The provisions of this Statement are effective for periods beginning after June 15, 2015.

**GASB Statement No. 76**

GASB Statement No. 76, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*, was issued June 2015. The provisions of this Statement are effective for periods beginning after June 15, 2015. This Statement supersedes Statement No. 55.

**GASB Statement No. 77**

GASB Statement No. 77, *Tax Abatement Disclosures*, was issued August 2015. The provisions of this Statement are effective for periods beginning after December 15, 2015. This Statement requires disclosure of information necessary to assess how tax abatements affect financial position and results of operations.

**GASB Statement No. 78**

GASB Statement No. 78, *Pensions Provided through Certain Multiple-Employer Defined Benefit Pension Plans*, was issued December 2015. The provisions of this Statement are effective for periods beginning after December 15, 2015. This Statement amends the scope and applicability of Statement 68 to exclude pensions provided to employees of state or local governmental employers through a cost-sharing multiple-employer defined benefit pension plan that (1) is not a state or local governmental pension plan, (2) is used to provide defined benefit pensions both to employees of state or local governmental employers and to employees of employers that are not state or local governmental employees, and (3) has no predominant state or local governmental employer (either individually or collectively with other state or local governmental employers that provide pensions through the pension plan). This Statement establishes requirements for recognition and measurement of pension expense, expenditures, and liabilities; note disclosures; and required supplementary information for pensions that have the characteristics described above.

**GASB Statement No. 79**

GASB Statement No. 79, *Certain External Investment Pools and Pool Participants*, was issued December 2015. The provisions of this Statement are effective for periods beginning after December 15, 2015. This Statement establishes criteria for an external investment pool to qualify for making the election to measure all of its investments at amortized cost for financial reporting purposes.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**Recent Accounting Pronouncements**

As of June 30, 2016, the GASB has issued the following statements not yet required to be adopted by the District.

**GASB Statement No. 74**

GASB Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, was issued June 2015. The provisions of this Statement are effective for periods beginning after June 15, 2016. This Statement replaces Statements No. 43 and 57, and modifies No. 25 and No. 50. The District's management has not yet determined the effect this statement will have on the financial statements.

**GASB Statement No. 75**

GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, was issued June 2015. The provisions of this Statement are effective for periods beginning after June 15, 2017. This Statement replaces Statements No. 45 and 57. The City's management has not yet determined the effect this statement will have on the financial statements. The unfunded liability has not yet been determined, but the District anticipates it will be material.

**GASB Statement No. 80**

GASB Statement No. 80, *Blending Requirements for Certain Component Units - an amendment of GASB Statement No. 14*, was issued January 2016. The provisions of this Statement are effective for periods beginning after June 15, 2016. This Statement requires blending of a component unit incorporated as a not-for-profit corporation in which the primary government is the sole corporate member. The District's management has not yet determined the effect this statement will have on the financial statements.

**GASB Statement No. 81**

GASB Statement No. 81, *Irrevocable Split-Interest Agreements*, was issued March 2016. The provisions of this Statement are effective for periods beginning after December 15, 2016. This Statement provides recognition and measurement guidance for situations in which a government is a beneficiary of a split interest agreement. The District's management has not yet determined the effect this statement will have on the financial statements.

**GASB Statement No. 82**

GASB Statement No. 82, *Pension Issues-an amendment of GASB Statements No. 67, No. 68, and No. 73*, was issued March 2016. The provisions of this Statement are effective for periods beginning after June 15, 2016. This Statement clarifies certain issues that have been raised with previous pronouncements. The District's management has not yet determined the effect this statement will have on the financial statements.

**Subsequent Events**

The District has evaluated subsequent events through April 10, 2017, the date which the financial statements were available to be issued.

**2. LEGAL COMPLIANCE**

**Deficit Net Position**

There was not a deficit net position for the year ended December 31, 2016.

**Budgets**

**Excess of Expenditures Over Appropriations**

The District has an excess of actual expenditures over budget for the year ended December 31, 2016 of \$170,948. This excess was due mainly to increased water purchases and administrative and general expenses.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**3. DEPOSITS AND INVESTMENTS**

**1. Net Position**

The captions on the statement of net position for cash, investments and restricted assets enumerated as to deposits and investments and the amounts in total are as follows:

	<u>Cash on Hand</u>	<u>Deposits</u>	<u>Investments</u>	<u>Total</u>
Cash equivalents	\$ 550	\$ 175,781	\$ -	\$ 176,331
Investments	-	-	-	-
Restricted assets:				
Cash equivalents	-	47,303	-	47,303
Investments	-	<u>722,976</u>	-	<u>722,976</u>
 Total	 <u>\$ 550</u>	 <u>\$ 946,060</u>	 <u>\$ -</u>	 <u>\$ 946,610</u>

**2. Deposits**

At year-end, the carrying amount of the District's deposits in financial institutions were \$946,610 and the bank balances were \$961,650. Of the bank balances, \$252,199 was covered by federal depository insurance, with \$709,451 covered by collateral held by the pledging financial institution's agent or trust department in the District's name.

The collateral agreement with First Southern Bank states that \$900,023 of securities will be held as collateral for the District year round. The agreement states that it is the District's responsibility to inform the bank in a timely manner when the District will have deposits that will exceed the amount of securities pledged in order for the Bank to purchase additional securities for collateral.

**3. Investments**

*Interest Rate Risk*

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Investments held for longer periods are subject to increased risk of adverse interest rate changes. The District does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

*Credit Risk*

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The custodial credit risk for investments is the risk that a government will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party if the counterparty to the transaction fails.

*Concentration of Credit Risk*

Concentration of credit risk is the risk of loss attributed to the magnitude of the District's investment in a single issuer. The District does not place any limit on the amount that may be invested with one issuer. At December 31, 2016, the District had 100% of its investments in fully collateralized certificates of deposit.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

*Identification*

At December 31, 2016, the District had the following investments:

Investment	Maturities	Fair Value
Certificates of Deposit:		
First Southern National Bank	12/21/2017	\$ 367,459
First Southern National Bank	12/21/2017	<u>355,517</u>
Total Investments		<u><u>\$ 722,976</u></u>

**4. RESTRICTED NET POSITION**

**Net Assets Restricted for Debt Retirement**

	Depreciation Fund	Sinking Fund	Water Projects	Customer Meter Deposits	Total
Cash equivalents	\$ -	\$ -	\$ 1,003	\$ 46,300	\$ 47,303
Investments:					
Certificates of deposit	<u>367,459</u>	<u>355,517</u>	-	-	<u>722,976</u>
Totals	<u><u>\$ 367,459</u></u>	<u><u>\$ 355,517</u></u>	<u><u>\$ 1,003</u></u>	<u><u>\$ 46,300</u></u>	<u><u>\$ 770,279</u></u>

**Restricted Cash**

The Caldwell County Water District Bonds (All Series) require the District establish a Sinking Reserve in an amount not less than the maximum amount of principal and interest requirements falling due in any twelve month period on all of the outstanding bonds. The District has been making the required monthly deposits of \$17,813 to service the outstanding debt. At December 31, 2016, the balance of the Sinking Reserve was \$355,517.

The Bonds also required that a Depreciation Account be funded monthly. The 1999 Series Bonds require that amounts be deposited over the life of the Bonds. The remaining series require the Depreciation Fund be funded until the balance reaches certain amounts with the maximum amount being \$79,800. The District is funding the Depreciation Fund monthly as required, depositing \$2,061 per month. At December 31, 2016, the balance of the Depreciation Fund was \$367,459.

The District maintains a water project account for use when special projects are being funded. At December 31, 2016, that balance was \$1,003. There were no special projects in process.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**5. CAPITAL ASSETS**

A summary of proprietary fund property, plant and equipment at December 31, 2016 for business-type activities follows:

	<u>Beginning Balance</u>	<u>Increases</u>	<u>Decreases</u>	<u>Ending Balance</u>
<b>Business-type activities:</b>				
Capital assets, not being depreciated:				
Land	\$ 9,000	\$ -	\$ -	\$ 9,000
Total capital assets, not being depreciated	<u>9,000</u>	<u>-</u>	<u>-</u>	<u>9,000</u>
Capital assets, being depreciated:				
Transmission and distribution	13,831,015	24,363	-	13,855,378
Furniture and fixtures	71,446	-	-	71,446
Machinery and equipment	313,399	-	-	313,399
Building	103,242	-	-	103,242
Leasehold improvement	<u>35,250</u>	<u>-</u>	<u>-</u>	<u>35,250</u>
Total capital assets, being depreciated	<u>14,354,352</u>	<u>24,363</u>	<u>-</u>	<u>14,378,715</u>
Less accumulated depreciation for:				
Transmission and distribution	(5,200,044)	(350,357)	-	(5,550,401)
Furniture and fixtures	(64,152)	(3,795)	-	(67,947)
Machinery and equipment	(200,792)	(33,845)	-	(234,637)
Building	(21,763)	(5,162)	-	(26,925)
Leasehold improvement	<u>(29,767)</u>	<u>(500)</u>	<u>-</u>	<u>(30,267)</u>
Total accumulated depreciation	<u>(5,516,518)</u>	<u>(393,659)</u>	<u>-</u>	<u>(5,910,177)</u>
Total capital assets, being depreciated, net	<u>8,837,834</u>	<u>(369,296)</u>	<u>-</u>	<u>8,468,538</u>
Business-type activities capital assets, net	<u>\$ 8,846,834</u>	<u>\$ (369,296)</u>	<u>\$ -</u>	<u>\$ 8,477,538</u>

Depreciation charged to income was \$393,659.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**6. DEBT OBLIGATIONS**

**Revenue Bonds Payable**

<u>Description</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Balance 12/31/2016</u>	<u>Due in One Year</u>
Waterworks Revenue Bonds				
Series 1993	5.00%	2033	\$ 274,000	\$ 10,500
Series 1996	4.875%	2035	653,000	21,000
Series 1999	3.25%	2039	626,000	16,000
Series 1999	4.375%	2039	332,500	8,000
Series 2002	4.375%	2042	683,000	14,000
Series 2004	4.125%	2044	<u>524,000</u>	<u>10,000</u>
Total			3,092,500	<u>\$ 79,500</u>
Less current portion			<u>(79,500)</u>	
Long-term portion			<u>\$ 3,013,000</u>	

Principal and interest requirements of the revenue bonds payable as of December 31, 2016 are:

<u>Year Ending December 31,</u>	<u>Principal</u>	<u>Interest &amp; Fees</u>	<u>Total</u>
2017	79,500	131,922	211,422
2018	84,000	128,479	212,479
2019	88,000	124,842	212,842
2020	91,500	121,028	212,528
2021	97,000	117,064	214,064
2022-2026	555,000	518,245	1,073,245
2027-2031	700,500	385,896	1,086,396
2032-2035	757,500	221,316	978,816
2036-2040	504,500	84,170	588,670
2041-2043	<u>135,000</u>	<u>9,557</u>	<u>144,557</u>
Total	<u>\$ 3,092,500</u>	<u>\$ 1,842,519</u>	<u>\$ 4,935,019</u>

Information on individual debt instruments follows:

**Series 1993**

During 1993, Caldwell County Water District adopted a resolution to issue \$410,000 principal of Caldwell County Water District Water Revenue Bonds, Series 1993 dated October 22, 1993 for the purpose of line construction in Caldwell County.

Bond covenants require that a depreciation account be funded in the amount of \$205 per month until there is accumulated an amount of at least \$24,600. The Sinking Fund is to be funded monthly with 1/6th of the next succeeding six-month interest payment and 1/12th of the principal of any bonds maturing on the next succeeding January 1st.

The bond covenants require that the rates for all utility services rendered by the District must be reasonable, the District must be audited annually and must maintain adequate employee bonding and property insurance. The net revenues of the District must be equal to 120% of the maximum annual debt service that will be due each calendar year for both principal and interest on the bonds.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

Principal maturities falling due prior to January 1, 2009 shall not be subject to prepayment. Principal maturities falling due on and after January 1, 2009 shall be subject to prepayment by the District on any interest payment date falling on and after January 1, 2009 at par plus accrued interest, without any prepayment penalty. Interest, at 5.0% is paid each January 1 and July 1.

*Series 1996*

During 1996, Caldwell County Water District adopted a resolution to issue \$900,000 principal of Caldwell County Water District Water Revenue Bonds, Series 1996 dated November 12, 1996 for the purpose of line construction in Caldwell County.

Bond covenants require that a depreciation account be funded in the amount of \$611 per month until there is an accumulated amount of at least \$79,800. The Sinking Fund is to be funded monthly with 1/6th of the next succeeding six-month interest payment and 1/12th of the principal of any bonds maturing on the next succeeding January 1st.

The bond covenants require that the rates for all utility services rendered by the District must be reasonable, the District must be audited annually and must maintain adequate employee bonding and property insurance. The net revenues of the District must be equal to 120% of the maximum annual debt service that will be due each calendar year for both principal and interest on the bonds.

Principal maturities falling due prior to January 1, 2009 shall not be subject to prepayment. Principal maturities falling due on and after January 1, 2009 shall be subject to prepayment by the District on any interest payment date falling on and after January 1, 2009 at par plus accrued interest, without any prepayment penalty. Interest, at 4.875% is paid each January 1 and July 1.

*Series 1999*

During 1999, Caldwell County Water District adopted a resolution to issue \$800,000 principal of Caldwell County Water District Water Revenue Bonds, Series 1999 dated December 30, 1999 for the purpose of line construction in Caldwell County.

Bond covenants require that a depreciation account be funded in the amount of \$370 per month until the bonds are paid in full. The Sinking Fund is to be funded monthly with 1/6th of the next succeeding six-month interest payment and 1/12th of the principal of any bonds maturing on the next succeeding January 1st.



**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

The bond covenants require that the rates for all utility services rendered by the District must be reasonable, the District must be audited annually and must maintain adequate employee bonding and property insurance. The net revenues of the District must be equal to 120% of the maximum annual debt service that will be due each calendar year for both principal and interest on the bonds. Interest, at 4.375% is paid each January 1 and July 1.

*Series 1999*

During 1999, Caldwell County Water District adopted a resolution to issue \$420,000 principal of Caldwell County Water District Water Revenue Bonds, Series 2000 dated December 30, 1999 for the purpose of line construction in Caldwell County.

Bond covenants require that a depreciation account be funded in the amount of \$205 per month until the bonds are paid in full. The Sinking Fund is to be funded monthly with 1/6th of the next succeeding six-month interest payment and 1/12th of the principal of any bonds maturing on the next succeeding January 1st.

The bond covenants require that the rates for all utility services rendered by the District must be reasonable, the District must be audited annually and must maintain adequate employee bonding and property insurance. The net revenues of the District must be equal to 120% of the maximum annual debt service that will be due each calendar year for both principal and interest on the bonds. Interest, at 3.25% is paid each January 1 and July 1.

*Series 2003*

During 2004, Caldwell County Water District adopted a resolution to issue \$815,000 principal of Caldwell County Water District Water Revenue Bonds, Series 2003 dated June 17, 2004 for the purpose of line construction in Caldwell County.

Bond covenants require that a depreciation account be funded in the amount of \$390 per month until there is accumulated in the Depreciation Fund the sum of at least \$46,800. These deposits are in addition to those required under the Prior Second Lien Bond Resolution. The Sinking Fund is to be funded monthly with 1/6th of the next succeeding six-month interest payment and 1/12th of the principal of any bonds maturing on the next succeeding January 1st.

The bond covenants require that the rates for all utility services rendered by the District must be reasonable, the District must be audited annually and must maintain adequate employee bonding and property insurance. The net revenues of the District must be equal to 120% of the maximum annual debt service that will be due each calendar year for both principal and interest on the bonds. Interest, at 3.25% is paid each January 1 and July 1.

*Series 2004*

During 2005, Caldwell County Water District adopted a resolution to issue \$600,000 principal of Caldwell County Water District Water Revenue Bonds, Series 2004 dated September 27, 2005 for the purpose of line construction in Caldwell County.

Bond covenants require that a depreciation account be funded in the amount of \$280 per month until there is accumulated in the Depreciation Fund the sum of at least \$33,600. These deposits are in addition to those required under the Prior Second Lien Bond Resolution. The Sinking Fund is to be funded monthly with 1/6th of the next succeeding six-month interest payment and 1/12th of the principal of any bonds maturing on the next succeeding January 1st.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

The bond covenants require that the rates for all utility services rendered by the District must be reasonable, the District must be audited annually and must maintain adequate employee bonding and property insurance. The net revenues of the District must be equal to 120% of the maximum annual debt service that will be due each calendar year for both principal and interest on the bonds. Interest, at 4.125% is paid each January 1 and July 1.

**Kentucky Infrastructure Authority Note Payable**

In July 2004, Caldwell County Water District entered into an assistance agreement with Kentucky Infrastructure Authority. Assistance in the form of a \$150,000 loan was provided for line expansion. The loan is to be repaid in monthly installments beginning in September 2004 and ending June 2018. Interest is variable ranging from 2.25% to 5.25%.

<u>Year Ending December 31,</u>	<u>Principal</u>	<u>Interest &amp; Fees</u>	<u>Total</u>
2017	\$ 20,000	\$ 6,608	\$ 26,608
2018	<u>15,000</u>	<u>668</u>	<u>15,668</u>
Total	<u>\$ 35,000</u>	<u>\$ 7,276</u>	<u>\$ 42,276</u>

**Changes in Business-Type Activities Debt**

A summary of changes in the business-type activities debt for the year ended December 31, 2016 follows:

	<u>Balance 12/31/2015</u>	<u>Principal Payments</u>	<u>Balance 12/31/2016</u>	<u>Due Within One Year</u>
<u>Business-Type Activities:</u>				
Revenue Bonds Payable	\$ 3,169,000	\$ 76,500	\$ 3,092,500	\$ 79,500
Kentucky Infrastructure Authority	<u>45,000</u>	<u>10,000</u>	<u>35,000</u>	<u>20,000</u>
Total Business-Type Activities	<u>\$ 3,214,000</u>	<u>\$ 86,500</u>	<u>\$ 3,127,500</u>	<u>\$ 99,500</u>

**7. EMPLOYEES' RETIREMENT PLAN**

**County Employees' Retirement System**

*Plan description.* The Caldwell County Water District is a participant in the County Employees Retirement System (CERS), a cost-sharing multiple-employer defined benefit pension plan administered by the Kentucky Retirement Systems Board of Trustees (KRS Board) established pursuant to Kentucky Revised Statutes (KRS) Section 78.630. KRS Section 61.645 grants the authority to establish and amend the benefit terms to the Kentucky Retirement Systems (Board). All District employees participating in the CERS are classified as having either a hazardous or nonhazardous position for the purpose of KRS 61.592. Kentucky Retirement Systems issues a publicly available comprehensive annual financial report containing CERS information that can be obtained at <https://kyret.ky.gov>.

*Benefits provided.* Nonhazardous position employees who have attained age 65 and have acquired at least 4 years of credit service of which 1 year must be current service are eligible for an annual retirement benefit, payable monthly for life. The benefit is computed by the number of years of service multiplied by 1.85% then multiplied by the average annual salary during the member's five highest paid fiscal years. Benefits fully vest upon reaching 5 years of credited service, one of which must be current service. Vested members may retire at or after age 55 with 5 years of credited service, of which 1 year must be current service, and receive reduced benefits. CERS also provides death and disability benefits. Benefits are established by the Kentucky Statutes.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

If a member's employment is terminated before the member is eligible for any other benefits under CERS, the member shall receive a refund of his/her member contributions with credited interest at 3% compounded annually through June 30, 1981, 6% thereafter through June 30, 1986, and 4% thereafter.

*Funding policy.* Covered employees who began participating prior to September 1, 2008, are required by state statute to contribute 5% of their salary to CERS. Covered employees who began participating on, or after, September 1, 2008, are required by state statute to contribute 6% of their salary to CERS. The additional 1% is deposited to an account created for the payment of health insurance benefits under 26 USC Section 401(h) in the Pension Fund.

Covered employees who began participation on or after January 1, 2014 are required to contribute to the Cash Balance Plan. The Cash Balance Plan is known as a hybrid plan because it has characteristics of both a defined benefit plan and a defined contribution plan. Covered employees in the plan contribute a set percentage of their salary each month to their own account. Employee contribution rates are 5% for those classified as nonhazardous and 1% to the health insurance fund which is not credited to the employee's account and is not refundable. The employer contribution rate is set annually by the KRS Board based on an actuarial valuation. The employer contributes a set percentage of the employee's salary. Each month, when employer contributions are received, an employer pay credit is deposited to the employee's account equal to 4% for those classified as nonhazardous. The employer pay credit represents a portion of the total employer contribution.

Employers are required by state statute (KRS 78.545) to contribute the remaining amounts necessary to pay benefits when due. These contribution rates are determined by the KRS Board annually based upon actuarial valuations. For the year ended December 31, 2016 the employer contribution rate was 17.06% and 18.68%, respectively, of member's nonhazardous and hazardous salaries. The employer contribution when combined with employee contributions are expected to finance the costs of benefits earned by the employees during the year, with an additional amount to finance any unfunded accrued liability. District employer CERS contributions for the year ended December 31, 2016 were \$48,864 which was 100% funded.

*Refunds of contributions.* Employees who have terminated service as a contribution member of CERS may file an application for a refund of their contributions. Employee accounts have been credited with interest on July 1 of each year at 3% compounded annually through June 30, 1981; 6% thereafter through June 30, 1986; 4% thereafter through June 30, 2003, and 2.5% thereafter. For employees participating prior to September 1, 2008, the interest paid is set by the KRS Board and will not be less than 2%, for employees participating on or after September 1, 2008 but before January 1, 2014, interest will be credited at a rate if 2.5%. For employees participating on or after January 1, 2014, interest will be credited at a minimum rate of 4%.

*Pension liabilities, pension expense, and deferred outflows of resources and deferred inflows of resources related to pensions.* At December 31, 2016, the District reported a liability of \$402,436 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2016, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The District's proportion of the net pension liability was based on a projection of the District's share of contributions to CERS relative to the total contributions of all participating employers, actuarially determined. At June 30, 2016, the District's proportion was .008170% for nonhazardous classified employees.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

*Pension expense.* As a result of its requirement to contribute to CERS, the District recognized pension expenses of \$40,374 for the year ended December 31, 2016. At December 31, 2016, the District reported deferred outflows of resources and deferred inflows of resources from the following sources as a result of its requirements to contribute to CERS:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Net differences between expected and actual experience	\$ 1,757	\$ -
Net differences between projected and actual investment earnings	37,833	-
Change of assumption	21,319	-
Changes in proportion and differences between employer contributions and share of contributions	-	9,385
Contributions subsequent to the measurement date	<u>21,944</u>	<u>-</u>
Totals	<u>\$ 82,853</u>	<u>\$ 9,385</u>

*Deferred Outflows of Resources.* The \$21,944 reported as deferred outflows of resources related to pensions resulting from the District's contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending December 31, 2017. Contributions made subsequent to the measurement date have a zero years amortization period.

At December 31, 2016, \$82,853 was recognized as deferred outflows of resources resulting from a) differences between expected and actual experience (actuarial gains and losses), b) difference between expected and actual earnings on pension plan investments, c) changes in assumptions, d) change in proportionate and differences between employer contributions and share of contributions, and e) contributions subsequent to the measurement date (explained above).

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Net difference between expected and actual experience:

<u>3.51 Years Amortization Period</u>	<u>Amount Deferred</u>	<u>Amount Amortized</u>	<u>Net Deferral Balance</u>
Recognized in previous years	\$ 4,082	\$ 1,163	\$ 2,919
Recognized in current year	-	<u>1,162</u>	<u>(1,162)</u>
Subtotal	<u>\$ 4,082</u>	<u>\$ 2,325</u>	<u>\$ 1,757</u>

Net difference between expected and actual earnings:

<u>5 Years Amortization Period</u>	<u>Amount Deferred</u>	<u>Amount Amortized</u>	<u>Net Deferral Balance</u>
Recognized in previous years	\$ (6,789)	\$ (9,658)	\$ 2,869
Recognized in current year	<u>42,007</u>	<u>7,043</u>	<u>34,964</u>
Subtotal	<u>\$ 35,218</u>	<u>\$ (2,615)</u>	<u>\$ 37,833</u>

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

Change in assumptions:

<u>3.51 Years Amortization Period</u>	<u>Amount Deferred</u>	<u>Amount Amortized</u>	<u>Net Deferral Balance</u>
Recognized in previous years	\$ 50,625	\$ 14,883	\$ 35,742
Recognized in current year	-	14,423	(14,423)
Subtotal	<u>\$ 50,625</u>	<u>\$ 29,306</u>	<u>\$ 21,319</u>

Change in proportionate and differences between employer contributions and share of contributions:

<u>3.51 Years Amortization Period</u>	<u>Amount Deferred</u>	<u>Amount Amortized</u>	<u>Net Deferral Balance</u>
Recognized in previous years	\$ -	\$ -	\$ -
Recognized in current year	13,124	3,739	9,385
Subtotal	<u>\$ 13,124</u>	<u>\$ 3,739</u>	<u>\$ 9,385</u>

Future amortization of deferred outflows related to the difference between expected and actual experience \$1,757 and change in assumptions \$21,319, will be recognized as an offset to pension expense as follows:

<u>Years Ending</u>	
December 31, 2017	\$ 6,574
December 31, 2018	6,574
December 31, 2019	6,574
December 31, 2020	<u>3,354</u>
Total	<u>\$ 23,076</u>

The net difference between projected and actual earnings \$37,833 will be recognized as an offset to pension expense as follows:

<u>Years Ending</u>	
December 31, 2017	\$ 7,278
December 31, 2018	7,278
December 31, 2019	14,876
December 31, 2020	<u>8,401</u>
Total	<u>\$ 37,833</u>

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

Deferred Inflows of Resources: For the year ending December 31, 2016, the District recognized \$9,385 as deferred inflows of resources resulting from the changes in proportion and differences between employer contributions and proportionate share of contributions. This amount will be recognized as an offset to pension expense as follows:

<u>Years Ending</u>		
December 31, 2017	\$	3,739
December 31, 2018		3,739
December 31, 2019		<u>1,907</u>
Total	\$	<u><u>9,385</u></u>

*Actuarial assumptions.* The total pension liability in the June 30, 2016, actuarial valuation was determined using the following actuarial assumptions, applied to all prior periods included in the measurement:

Inflation	3.25 percent
Salary increases	4.00 percent, average, including inflation
Investment rate of return	7.50 percent, net of pension plan investment expense including inflation

The rates of mortality for the period after service retirement are according to the RP-2000 Combined Mortality Table for all retired employees and beneficiaries projected with Scale BB to 2013 (multiplied by 50% for males and 30% for females). 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 Disabled 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.

The actuarial assumptions used in the June 30, 2015 valuation were based on the results of an actuarial experience study for the period July 1, 2008 - June 30, 2013.

The long-term expected return on plan assets is reviewed as part of the regular experience studies prepared every five years for KRS. The most recent analysis, performed for the period covering fiscal years 2008 through 2013, is outlined in a report dated August 30, 2014. 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 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 cover a longer time frame. 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

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

inflation assumption, or a fundamental change in the market that alters expected returns in future years.

The target allocation and best estimates of arithmetic real rates of return for each major class are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Nominal Rate of Return</u>
Combined Equity	44%	5.40%
Combined Fixed Income	19%	1.50%
Real Return (Diversified Inflation Strategies)	10%	3.50%
Real Estate	5%	4.50%
Absolute Return (Diversified Hedge Funds)	10%	4.25%
Private Equity	10%	5.25%
Cash	2%	(0.25%)
	<u>100%</u>	

*Discount Rate.* The discount rate used to measure the total pension liability for the plan was 7.50%. The projection of cash flows used to determine the discount rate assumed that local employers would contribute the actuarially determined contribution rate of projected compensation over the remaining 27 year amortization period of the unfunded actuarial accrued liability. The actuarial determined contribution rate is adjusted to reflect the phase in of anticipated gains on actuarial value of assets over the first four years of the projection period.

*Sensitivity of the District's proportionate share of the net pension liability to changes in the discount rate.* The following presents the District's proportionate share of the net pension liability calculated using the discount rate of 7.50%, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.50%) or 1-percentage-point higher (8.50%) than the current rate:

	1% Decrease	Current Discount Rate 7.50%	1% Increase
The District's proportionate share of the net pension liability	<u>6.50%</u>	<u>Rate 7.50%</u>	<u>8.50%</u>
	\$ 501,280	\$ 402,436	\$ 317,379

*Payables to the pension plan.* At December 31, 2016, the financial statements include \$8,099 in contractually required employee and employer contributions primarily for the month ended December 31, 2016. The obligation was paid within prescribed time limits.

*Postretirement healthcare benefits.* In addition to the pension benefits described above, the KRS provides postretirement healthcare benefits through the Kentucky Retirement Systems Insurance Fund (Insurance Fund). The Insurance Fund was established to provide hospital and medical insurance for those receiving benefits from the Kentucky Employees Retirement System (KERS), the County Employees Retirement System (CERS), and the State Police Retirement System (SPRS). The Insurance Fund pays a prescribed contribution for whole or partial payment of required premiums to purchase hospital and medial insurance. For the year ended June 30, 2016 (the date of the latest available information), insurance premiums withheld from benefit payments

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

for those receiving benefits from CERS were \$22,600,000 for nonhazardous, respectively. The Insurance Fund pays the same proportion of hospital and medical insurance premiums for the spouse and dependents of retired hazardous employees killed in the line of duty. As of June 30, 2016, the Insurance Fund had 113,280 retirees and beneficiaries for whom benefits were available.

The amount of contributions paid by the Insurance Fund is based on years of service. For employees participating prior to July 1, 2003, years of service and respective percentage of the maximum contribution are shown below:

<u>Service Period</u>	<u>% paid by Insurance Fund</u>
20 or more years	100%
15-19 years	75%
10-14 years	50%
4-9 years	25%
Less than 4 years	0%

As a result of House Bill 290 (2004) Kentucky General Assembly), medical insurance benefits are calculated differently for those who began participating on or after July 1, 2003. Once employees reach a minimum vesting period of ten years, nonhazardous employees whose participation began on or after July 1, 2003 earn \$10 per month for insurance benefits at retirement for every year of earned service without regard to a maximum dollar amount. This dollar amount is subject to adjustment annually based on the retiree cost of living adjustment (COLA), which is updated annually due to changes in the Consumer Price Index (CPI) for all urban consumers. This benefit is not protected under the inviolable contract provision of Kentucky Revised Statutes 16.652, 61.692, and 78.852. The Kentucky General Assembly reserves the right to suspend or reduce this benefit if, in its judgment, the welfare of the Commonwealth so demands.

In prior years, the employer's required medical insurance contribution rate was being increased annually by a percentage that would result in advance-funding the medical liability on an actuarially determined basis using the entry age normal cost method within a 20 year period measured from 1987. In November, 1992, the Board adopted a fixed percentage rate and suspended future increases under the current medical premium funding policy until the next experience study could be performed. In May 1996, the KRS Board adopted a policy to increase the insurance rate by the amount needed to achieve the target rate for full entry age normal funding within twenty years.

On August 6, 2012, the KRS Board voted to cease self-funding of healthcare benefits for most Medicare eligible retirees. The Board elected to contract with Humana Insurance Company to provide healthcare benefits to retirees through a fully insured Medicare Advantage Plan. The Humana Medicare Advantage Plan became effective January 1, 2013.



**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**8. COMMITMENTS**

**Purchase Contracts**

**South Hopkins Water District**

On March 3, 2004, the District entered into a long-term contract with South Hopkins Water District for the purchase of treated water. The contract for water is for a period of 40 years and calls for water sales not to exceed 250,000 gallons per month and not to exceed 15,000 gallons in any 24-hour period unless an emergency exists. The rate is equal to the cost of water from Dawson Springs, plus amortization of supply facilities (\$0.12 per 1,000 gallons), plus additional plumbing costs, plus 25%. Effective July 1, 2012 the rate changed to \$2.48 per 1,000 gallons. Payment is due by the 20th of each month. The District purchased \$2,166 from South Hopkins Water District during the year ended December 31, 2016.

**Princeton Water & Wastewater**

On October 11, 2002, the District entered into a long-term contract with Princeton Water & Wastewater for the purchase of treated water. The contract for water is for a period of 45 years and calls for water sales not to exceed 12 million gallons per month. The rate increased on November 4, 2010 to \$2.706 per 1,000 gallons. Another rate increase of \$3.058 per 1,000 gallons was effective June 30, 2014. Payment is due by the 15th of each month. The District purchased \$409,638 from Princeton Water & Wastewater during the year ended December 31, 2016.

**Caldwell County Fiscal Court**

On April 8, 2010, the District entered into a lease agreement with the Caldwell County Fiscal Court to lease the premises located at 118 W. Market Street. The term of this lease is for ten (10) years, ending on March 31, 2020, subject however to continuation of four (4) ten (10) year consecutive terms at the mutual agreement of both parties. There are no monetary terms associated with the lease, however, the District is responsible for taxes and insurance on the property.

**9. PUBLIC SERVICE COMMISSION REGULATIONS**

The District is required to file with the Public Service Commission (PSC) a report of its gross earnings or receipts derived from intra-state business for the preceding calendar year. The District has satisfied this requirement. The District has also filed the 2016 annual PSC Report as required. Further, the PSC requires that all customer deposit refunds be paid with interest. This requirement has been fulfilled.

**10. ECONOMIC DEPENDENCIES**

The majority of the District's revenue consists of charges for water-related services to customers in Caldwell County, Kentucky. For the year ended December 31, 2016, the revenues from these sources totaled \$1,156,081. The District also receives monies from the United States Department of Agriculture and the Kentucky Infrastructure Authority whenever funds are available.

**Caldwell County Water District**  
**Notes to the Financial Statements**  
**For the Year Ended December 31, 2016**

**11. COMPENSATED ABSENCES**

The District grants employees vacation time based on years of service. Full-time employees, with one (1) year continuous service, are entitled to vacation pay according to the following schedule:

1 to 3 years	1 week
3 to 10 years	2 weeks
10+ years	3 weeks

Employees must use vacation within the twelve month period after the time is earned. Upon termination of employment, an employee will be paid for all unused vacation leave. The liability for unused vacation time at December 31, 2016 was \$6,200.

The District's policy on sick pay states that employees will be granted one sick day per month. During the employee's probationary period sick leave may be earned but not taken. Sick leave is forfeited upon termination of employment. The District's policy is to recognize the cost of compensated medical leave when actually paid to employees.

**12. LITIGATION**

The District is not aware of any pending or threatened litigation in which it is involved which would have a material effect on these financial statements.

**REQUIRED SUPPLEMENTARY INFORMATION**

**Caldwell County Water District**  
**Statement of Revenues, Expenses, and**  
**Changes in Net Position - Budget and Actual**  
**For the Year Ended December 31, 2016**

	<u>Budgeted Amounts</u>			Variance with Final Budget Positive (Negative)
<u>Revenues:</u>	<u>Original</u>	<u>Final</u>	<u>Actual</u>	
Water revenues	\$ 1,067,000	\$ 1,067,000	\$ 1,156,081	\$ 89,081
Other	29,025	29,025	30,128	1,103
Total Operating Revenues	<u>1,096,025</u>	<u>1,096,025</u>	<u>1,186,209</u>	<u>90,184</u>
<u>Operating Expenses</u>				
Source of supply purchases	300,000	300,000	411,804	(111,804)
Depreciation	390,164	390,164	393,659	(3,495)
Administrative and general expenses	177,802	177,802	296,751	(118,949)
Transmission and distribution expenses	366,375	366,375	283,980	82,395
Payroll and other taxes	19,508	19,508	22,486	(2,978)
Customer accounts expenses	-	-	11,036	(11,036)
Water treatment	4,000	4,000	5,051	(1,051)
Bad debt expense	-	-	4,030	(4,030)
Total Operating Expenses	<u>1,257,849</u>	<u>1,257,849</u>	<u>1,428,797</u>	<u>(170,948)</u>
<b><u>Operating Income (Loss)</u></b>	<u>(161,824)</u>	<u>(161,824)</u>	<u>(242,588)</u>	<u>(80,764)</u>
<u>Nonoperating Revenues (Expenses)</u>				
Investment income	1,840	1,840	987	(853)
Interest on debt	<u>(137,330)</u>	<u>(137,330)</u>	<u>(134,017)</u>	<u>3,313</u>
Total Nonoperating Revenue	<u>(135,490)</u>	<u>(135,490)</u>	<u>(133,030)</u>	<u>2,460</u>
(Expenses)				
<b><u>Net Income before Capital Contributions</u></b>	(297,314)	(297,314)	(375,618)	(78,304)
<b><u>Capital Contributions</u></b>	<u>10,500</u>	<u>10,500</u>	<u>18,351</u>	<u>7,851</u>
<b><u>Change in Net Position</u></b>	<u>\$ (286,814)</u>	<u>\$ (286,814)</u>	(357,267)	<u>\$ (70,453)</u>
<b><u>Net Position-Beginning of Year</u></b>			<u>6,403,704</u>	
<b><u>Net Position-End of Year</u></b>			<u>\$ 6,046,437</u>	

**Caldwell County Water District**  
**Schedule of the Proportionate Share**  
**of the Net Pension Liability**  
**For the Year Ended December 31, 2016**

**County Employee Retirement System**  
**Last Three Years (1)**

	<u>2016</u>	<u>2015</u>	<u>2014</u>
Employer's proportion of the net pension liability (asset)	0.008170%	0.008349%	0.008651%
Employer's proportionate share of the net pension liability (asset)	\$ 402,436	\$ 358,949	\$ 280,671
Employer's covered-employee payroll	\$ 271,488	\$ 193,784	\$ 204,010
Employer's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	148.23%	185.23%	137.58%
Plan fiduciary net position as a percentage of the total pension liability (2)	55.50%	59.97%	66.80%

NOTE: This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments will present information only for those years for which information is available.

(1) The amounts presented for the fiscal year were determined as of the fiscal year ending June 30, 2016.

(2) This will be the same percentage for all participant employers in the CERS plan.

**Caldwell County Water District**  
**Schedule of Pension Contributions**  
**For the Year Ended December 31, 2016**

**County Employee Retirement System**  
**Last Three Years**

	<u>2016</u>	<u>2015</u>	<u>2014</u>
Contractually required contribution	\$ 48,864	\$ 44,538	48,420
Contributions in relation to the contractually required contribution	<u>48,864</u>	<u>44,538</u>	<u>48,420</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Employer's covered-employee payroll	\$ 271,488	\$ 193,784	\$ 204,010
Contribution as a percentage of covered-employee payroll	17.67%/ 17.06%	17.67%/ 17.06%	18.89%/ 17.67%

NOTE: This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments will present information only for those years for which information is available.

## Notes to the Required Supplementary Information

### Notes Related to Schedule of the Caldwell County Water District's Proportionate Share of the Net Pension Liability - County Employee Retirement System of the KRS

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 include 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 members whose participation date is on or after January 1, 2014.

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

2015:

- The assumed investment rate of return was decreased from 7.75% to 7.50%.
- The assumed rate of inflation was reduced from 3.50% to 3.25%.
- The assumed rate of wage inflation was reduced from 1.00% to 0.75%.
- Payroll growth assumption was reduced from 4.50% to 4.00%.
- The mortality table used for active members is RP-2000 Combined Mortality Table projected with Scale BB to 2013 (multiplied by 50% for males and 30% for females).
- 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.
- The assumed rate of Retirement, Withdrawal and Disability were updated to more accurately reflect experience

### Notes to the Schedule of the Caldwell County Water District's Contributions - County Employee Retirement Systems of KRS

Methods and assumptions used in calculations of actuarially determined contributions: The actuarially determined contribution rates are determined on an annual basis beginning with the fiscal year ending 2018, determined as of July 1, 2016. The amortization period of the unfunded liability has been reset as of July 1, 2013 to a closed 30 year period. The following actuarial methods and assumptions were used to determine contribution rates reported in that schedule:

Actuarial cost method	Entry age
Amortization method	Level percentage of payroll, closed
Remaining amortization period	27 years
Asset valuation	5-year smoothed market
Inflation	3.25%
Salary increase	4.00%, average, including inflation
Investment Rate of Return	7.50%, net of pension plan investment expense, including inflation

**OTHER SUPPLEMENTARY INFORMATION**



**Caldwell County Water District**  
**Detail Schedule of Operating Expenses**  
**For the Year Ended December 31, 2016**

	<u>2016</u>
<b><u>Water purchases</u></b>	\$ <u>411,804</u>
<b><u>Depreciation expense</u></b>	<u>393,659</u>
<b><u>General operating expenses</u></b>	
Salaries & wages	96,357
Employee insurance	40,476
Retirement	40,374
Utilities	25,179
Insurance	21,498
Legal & professional	19,850
Fuel	15,561
Other contract services	7,400
Travel	6,336
Miscellaneous	5,335
Uniforms	5,174
Office supplies	4,876
Dues & subscriptions	3,713
License fees	3,475
Training & education	680
Advertising	467
Total general operating expenses	<u>296,751</u>
<b><u>Transmission and distribution expenses</u></b>	
Salaries & wages	226,135
Supplies & materials	26,430
Tools and equipment	15,142
Repairs & maintenance	9,582
Contract labor - meter reading	6,093
Equipment rent	598
Total water expenses	<u>283,980</u>
<b><u>Payroll and other taxes</u></b>	<u>22,486</u>
<b><u>Customer accounts expenses</u></b>	
Postage	9,405
Credit card fees	1,103
Debit card clearing	301
Collection Fees	227
Total customer accounts expenses	<u>11,036</u>
<b><u>Water treatment</u></b>	
Testing	<u>5,051</u>
Total water treatment	<u>5,051</u>
<b><u>Bad debt expense</u></b>	<u>4,030</u>
<b><u>Total operating expenses</u></b>	<u>\$ 1,428,797</u>

**JESSICA K. DANIEL, CPA PSC**  
CERTIFIED PUBLIC ACCOUNTANT

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**INDEPENDENT AUDITOR'S 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  
Caldwell County Water District  
Princeton, Kentucky

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 Caldwell County Water District, as of and for the year ended December 31, 2016 and the related notes to the financial statements, which collectively comprise the Caldwell County Water District's basic financial statements, and have issued our report thereon dated April 10, 2017.

*Internal Control Over Financial Reporting*

In planning and performing our audit of the financial statements, we considered the Caldwell 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 the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the 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 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 and therefore, material weaknesses or significant deficiencies may exist that were not identified. We did identify certain deficiencies in internal control, described in the accompanying schedule of findings and questioned costs that we consider to be significant deficiencies (2016-1).

*Compliance and Other Matters*

As part of obtaining reasonable assurance about whether the Caldwell 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 that are required to be reported under *Government Auditing Standards*.

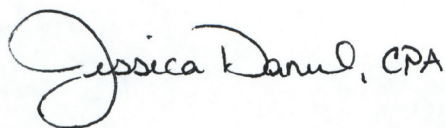
We also noted certain additional matters that we have reported to management of the Caldwell County Water District in a separate letter dated April 10, 2017.

*Caldwell County Water District's Response to Findings*

Caldwell County Water District's response to findings identified in our audit described in the accompanying schedule of findings and responses. The District's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

*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.

A handwritten signature in black ink that reads "Jessica Daniel, CPA". The signature is written in a cursive style with a large initial "J".

Eddyville, Kentucky  
April 10, 2017

**Caldwell County Water District**  
**Schedule of Findings and Responses**  
**For The Year Ended December 31, 2015**

**2016-1 Segregation of Duties**

Condition

There is an absence of appropriate segregation of duties consistent with appropriate control objectives.

Criteria

A prudent control environment requires various functions of internal control be allocated among various employees.

Effect

Although no instances were noted, lack of segregation of duties can create situations where assets are not properly safeguarded and errors and irregularities may go undetected.

Cause

Lack of personnel.

Recommendation

We recommend that management review its financial operation for opportunities to separate incompatible functions. Where segregation of duties cannot be achieved due to the size of the staff, management should maintain its awareness of the weakness and compensate with other controls.

Response

We agree with the finding and have put in place certain compensating controls to help alleviate exposure. A third party accounting firm assists in bookkeeping, payroll, and preparing monthly reports for Board review.