### McCreary County Water District

P.O. Box 488 Whitley City, KY 42653 (606) 376-2540

August 31, 2017

PUBLIC SERVICE COMMISSION ANNUAL REPORTS

Mr. Jeff Cline PSC P.O. Box 615 Frankfort, KY 40602-0615

SEP 1 2 2017

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RE: McCreary County Water District

December 31, 2016 and 2015 Annual Report

Water & Sewer Divisions

Dear Mr. Cline:

Please find enclosed is the McCreary County Water District Independent Auditor's Report and Combined Financial Statements December 31, 2016 and 2015 for both the water and sewer divisions.

If you have any questions, please feel free to contact me at (606) 376-2540.

Sincerely,

Stephen T. Owens, Manager/Supt. McCreary County Water District

STO/kt

Enclosure

PUBLIC SERVICE COMMISSION ANNUAL REPORTS

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McCreary County Water District
Water and Sewer Divisions

Independent Auditor's Report and Combined Financial Statements December 31, 2016 and 2015

# McCREARY COUNTY WATER DISTRICT WATER AND SEWER DIVISIONS BASIC FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2016 and 2015

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### McCREARY COUNTY WATER DISTRICT, WATER AND SEWER DIVISIONS MANAGEMENT'S DISCUSSION AND ANALYSIS DECEMBER 31, 2016 AND 2015

Our discussion and analysis of the McCreary County Water District, Water and Sewer Divisions' financial performance provides an overview of the Company's financial activities for the years ended December 31, 2016 and 2015. This information is presented in conjunction with the audited financial statements that follow this section.

### Financial Highlights

For the year ended December 31, 2016, total operating and non-operating revenues (including capital contributions) totaled \$5,432,670 and operating expenses and non-operating expenses amounted to \$5,553,688, creating a decrease in net position of \$121,018. At year end, net position totaled \$29,412,031 of which \$29,358,127 (net of related debt) was invested in capital assets, and \$843,202 was restricted for debt service and construction. This left a net amount of \$(789,298) of unrestricted net position.

For the year ended December 31, 2015, total operating and non-operating revenues (including capital contributions) totaled \$4,547,551\$ and operating expenses and non-operating expenses amounted to \$5,199,911, creating a decrease in net position of \$652,360. At year end, net position totaled \$29,533,049 of which \$29,213,428 (net of related debt) was invested in capital assets, and \$752,743 was restricted for debt service and construction. This left a net amount of \$(433,122) of unrestricted net position.

### Overview of the Financial Statements

This report consists of Management's Discussion and Analysis, Financial Statements and Supplementary information. The Financial Statements include notes which explain in detail some of the information included in the Financial Statements.

### Required Financial Statements

The financial statements of McCreary County Water District, Water and Sewer Divisions report information of the Company using accounting methods similar to those used by private sector companies. These statements offer short and long-term financial information about its activities. The Statement of Net Position includes all of utility's assets and liabilities and provides information about the nature and amounts of investments in resources (assets) and the obligations to utility creditors (liabilities). It also provides the basis for evaluation of the capital structure of the utility and assessing the liquidity and financial flexibility of the utility.

All of the current year's revenues and expenses are accounted for in the Statement of Revenues, Expenses and Changes in Net Position. This statement measures the success of the utility's operations over the past year and can be used to determine whether the utility has successfully recovered all its costs through its user fees and other charges, profitability and credit worthiness.

The final required financial statement is the Statement of Cash Flows. The statement reports cash receipts, cash payments, and net changes in cash resulting from operations, investing and financing activities and provides answers to such questions as where did cash come from, what was cash used for, and what was the change in the cash balance during the reporting period.

### MCCREARY COUNTY WATER DISTRICT, WATER AND SEWER DIVISIONS MANAGEMENT'S DISCUSSION AND ANALYSIS DECEMBER 31, 2016 AND 2015

### Condensed Comparative Financial Analysis:

McCreary County Water District Water and Sewer Divisions Statement of Net Position-Summary December 31, 2016 and 2015

Assets	2016	2015
Total Current Assets Total Restricted Assets Net Capital Assets Total Assets	\$ 1,397,296 843,202 39,931,954 \$ 42,172,452	\$ 1,747,132 752,743 39,902,172 \$ 42,402,047
Deferred Outflows of Resources	480,023	272,568
Total Assets and Deferred Outflows of Resources	\$ 42,652,475	<u>\$ 42,674,615</u>
Liabilities Total Current Liabilities Total Non-current Liabilities Total Liabilities	\$ 867,045 12,342,392 \$ 13,209,437	\$ 1,038,987 12,051,038 \$ 13,090,025
Deferred Inflows of Resources	\$ 31,007	\$ 51,541
Net Position:    Invested in capital assets,     net of related debt    Restricted for debt service    and construction    Unrestricted    Total Net Position	\$ 29,358,127 843,202 (789,298) \$ 29,412,031	\$ 29,213,428 752,743 (433,122) \$ 29,533,049
Total Liabilities, Deferred Inflows of Resources and Net Position	<u>\$ 42,652,475</u>	\$ 42,674,615

The largest portion per year (99.82% and 98.92% respectively) of the utility's net position reflects its investment in capital assets, less any related debt used to acquire those assets still outstanding. The utility used these capital assets to provide services to citizens and consumers. Consequently, these assets are not available for future spending.

Restricted net position per year (2.86% and 2.54% respectively) represent resources that are subject to external restrictions on how they may be used.

The balance per year (-2.68% and -1.46% respectively) of unrestricted net position may be used to meet the utility's ongoing obligations to citizens, consumers and creditors.

### McCREARY COUNTY WATER DISTRICT, WATER AND SEWER DIVISIONS MANAGEMENT'S DISCUSSION AND ANALYSIS DECEMBER 31, 2016 AND 2015

McCreary County Water District
Water and Sewer Divisions
Statement of Operations
For the Years Ended December 31, 2016 and 2015

	2016	2015
Total operating revenues	\$ 4,186,432	\$ 4,180,875
Total operating expenses	5,233,820	4,885,433
Operating loss	( 1,047,388)	(704,558)
Total non-operating		
revenue (expenses)	(271,406)	(249, 187)
Loss before capital		
contributions	(1,318,794)	(953,745)
Capital contributions	1,197,776	301,385
Change in net position	(121,018)	(652, 360)
Beginning of year	29,533,049	30,185,409
End of year	\$ 29,412,031	\$ 29,533,049

During 2016, net position decreased by \$121,018 and consisted of an operating loss of (\$1,047,388), net non-operating revenue and expenses of (\$271,406) and capital contributions of \$1,197,776.

During 2015, net position decreased by \$652,360 and consisted of an operating loss of (\$704,558), net non-operating revenues and expenses of (\$249,187) and capital contributions of \$301,385.

#### Capital Asset Changes

At December 31, 2016, the Utility had invested \$39,931,954 in capital assets, net of accumulated depreciation. This amount represents a net increase of \$29,782 from the previous year. The net increase consisted of additions to capital assets of \$1,701,381 less depreciation expense of \$1,581,365 and \$90,234 in disposals. The additions were mainly financed with proceeds of capital grants.

At December 31, 2015, the Utility had invested \$39,902,172 in capital assets, net of accumulated depreciation. This amount represents a net decrease of \$296,878 from the previous year. The net decrease consisted of additions to capital assets of \$1,315,512 less depreciation expense of \$1,612,390. The additions were mainly financed with proceeds of capital grants.

### Debt Administration

At December 31, 2016, the utility had total debt equal to \$10,573,827 which consisted of \$10,560,349 of bonds outstanding, \$10,484 of notes payable, and capital leases of \$2,994. At the beginning of the year total debt equaled \$10,688,744. The decrease in debt of \$114,917 was due to new debt of \$1,158,000 less scheduled principal payments of \$1,272,917.

At December 31, 2015, the utility had total debt equal to \$10,688,744, which consisted of \$9,755,398 of bonds outstanding, \$927,925 of notes payable, and capital leases of \$5,421. At the beginning of the year total debt equaled \$10,159,502. The increase in debt of \$529,242 was due to new debt of \$896,850 less scheduled principal payments of \$367,608.

# McCREARY COUNTY WATER DISTRICT, WATER AND SEWER DIVISIONS MANAGEMENT'S DISCUSSION AND ANALYSIS DECEMBER 31, 2016 AND 2015

### Other Matters

During 2015, the District implemented GASB No. 68, Accounting and Financial Reporting for Pensions. This standard requires cost sharing governments to report a net pension liability, pension expense and pension related deferred inflows and outflows of resources based upon their proportionate share of the collection amounts for all the governments in the plan; therefore, included in long term liabilities is a net pension liability of \$2,142,121 for 2016, and \$1,738,371 for 2015.

### Request for Information

This financial report is designed to provide our customers and creditors with a general overview of McCreary County Water District, Water and Sewer Divisions' finances and to demonstrate the utility's accountability for the funds it receives. If you have any questions about this report or need any additional information, please contact the McCreary County Water District, Whitley City, Kentucky.

### FAULKNER, KING & WENZ, PSC CERTIFIED PUBLIC ACCOUNTANTS

JOSEPH C. KING, CPA JOHN M. WENZ, CPA KEVIN M. ROMENESKO, CPA KAREN S. TRENT, CPA EUGENE C. WEATHERS, CPA

P.O. BOX 285 117 WEST HIGH STREET MT. STERLING, KY 40353 (859) 498-1836 FAX (859) 498-2116

LANA J. McCANN, CPA ERICA M. SNOWDEN, CPA JENNIFER T. COLLINGWOOD, CPA

### INDEPENDENT AUDITOR'S REPORT

To the Board of Commissioners McCreary County Water District Water and Sewer Divisions Whitley City, Kentucky 42653

### Report on the Financial Statements

We have audited the accompanying combined financial statements of the business-type activities of McCreary County Water District, Water and Sewer Divisions as of and for the years ended December 31, 2016 and 2015, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

### Management's Responsibility for the Financial Statements

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

### Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audits. We conducted our audits 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 from material misstatement.

An audit includes performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's

McCreary County Water District Water and Sewer Divisions Whitley City, Kentucky 42653 Page 2

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 combined financial statements referred to above present fairly, in all material respects, the respective financial position of McCreary County Water District, Water and Sewer Divisions as of December 31, 2016 and 2015, and the respective changes in financial position and cash flows for the years then ended in conformity 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 the schedule of proportionate share of the net pension liability and the schedule of contributions on pages 1 through 4 and 33 through 35 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 We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other Information

Our audit was conducted for the purpose of forming opinions on the combined financial statements that collectively comprise McCreary County Water District, Water and Sewer Divisions' basic financial statements. The accompanying combining statements of net position, revenues, expenses and changes in net position, and cash flows are presented for purposes of additional analysis, and are not a required part of the combined financial statements of the McCreary County Water District, Water and Sewer Divisions. The schedule of expenditures of federal

McCreary County Water District Water and Sewer Divisions Whitley City, Kentucky 42653 Page 3

awards is presented for purposes of additional analysis as required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, and is also not a required part of the basic financial statements.

The combining statements and the schedule of expenditures of federal awards referred to above are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combined financial statements and the schedule of expenditures of federal awards are fairly stated in all material respects in relation to the basic financial statements taken as a whole.

### Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated August 18, 2017, on our consideration of McCreary County Water District, Water and Sewer Divisions' internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering McCreary County Water District's internal control over financial reporting and compliance.

Faulkner, King & Wenz, PSC

August 18, 2017

### McCREARY COUNTY WATER DISTRICT WATER AND SEWER DIVISIONS COMBINED STATEMENTS OF NET POSITION DECEMBER 31, 2016 and 2015

#### ASSETS

ASSETS	2016	2015
Current assets:	2010	2013
Cash and cash equivalents	\$ 512,828	\$ 763,520
Unbilled revenues	231,622	208,147
Accounts receivable	341,552	520,172
Other receivables	61,945	8,089
Inventory	222,660	222,075
Prepaid expenses	26,689	25,129
Total current assets	1,397,296	1,747,132
Non-current assets: Restricted assets:		
Cash and cash equivalents	507,877	419,447
Investments	335,325	333,296
Capital assets:	0.00,0.00	,
Utility plant	60,091,659	59,385,762
Less accumulated depreciation	(22,227,311)	(20,736,180)
Construction in process	2,067,606	1,252,590
Total non-current assets	40,775,156	40,654,915
Deferred Outflows of Resources:		
Deferred outflows - pension	480,023	272 <b>,</b> 5 <b>6</b> 8
beterred outriows pension	100,023	
Total assets and deferred		
outflows of resources	\$ 42,652,475	\$ 42,674,615
LIABILITIES		
Current liabilities:		
Accounts payable	\$ 195,868	\$ 381,463
Accrued interest	128,379	139,634
Taxes payable	22,759	16,115
Other accrued expenses	115,861	93,750
Customer deposits	30,622	31,948
Capital equipment lease - current	2,994	2,427
Notes payable - current	10,484	20,600
Revenue bonds - current portion	360,078	353,050
Total current liabilities	867,045	1,038,987
Non-current liabilities:		
Capital equipment lease - non current	-	2,994
Notes payable - long term	-	907,325
Revenue bonds - net current portion	10,200,271	9,402,348
Net pension liability	2,142,121	1,738,371
Total non-current liabilities	12,342,392	12,051,038
Total liabilities	13,209,437	13,090,025
Deferred Inflows of Resources		
Deferred inflows - pension	31,007	51,541
bereited intlone pendion	31,001	31/341
NET POSITION		
Invested in capital assets, net		
of related debt	29,358,127	29,213,428
Restricted for debt service and construction	843,202	752,743
Unrestricted  Total net position	(789,298) 29,412,031	29,533,049
rotar net posttron	27/112/031	20,000,000
Total liabilities, deferred inflows		
of resources and net position	\$ 42,652,475	\$ 42,674,615

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

### McCREARY COUNTY WATER DISTRICT WATER AND SEWER DIVISIONS

COMBINED STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION FOR THE YEARS ENDED DECEMBER 31, 2016 and 2015

	2016	2015
Operating revenues		
Residential sales	\$ 2,581,487	\$ 2,480,443
Commercial sales	375,013	367,414
Industrial sales	9,672	8,335
Governmental sales	1,121,394	1,237,912
Other sales	98,866	86,771
Total operating revenues	4,186,432	4,180,875
Operating expenses		
General and administrative costs	223,514	186,875
Payroll and related expenses	2,024,422	1,870,005
Repairs and maintenance	91,839	28,992
Other supplies and expenses	1,312,680	1,191,470
Depreciation and amortization	1,581,365	1,608,091
Total operating expenses	5,233,820	4,885,433
Operating loss	(1,047,388)	(704,558)
Nonoperating revenues (expenses)		
Interest income	8,507	8,554
Other income	38,352	56,737
Gain on sale of fixed assets	1,603	-
Interest expense	(319,868)	(314,478)
Net nonoperating expenses	(271,406)	(249,187)
Loss before contributions	(1,318,794)	(953,745)
Capital grants received	1,197,776	301,385
Change in net position	(121,018)	(652,360)
Total net position		
beginning of year	29,533,049	30,185,409
Total net position		
end of year	\$ 29,412,031	\$ 29,533,049

# McCreary County water district WATER AND SEWER DIVISIONS COMBINED STATEMENTS OF CASH FLOWS (CONTINUED) FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015

	2016	2015
Reconciliation of operating loss to net cash		
provided by operating activities:		
Operating loss	\$ (1,047,388)	\$ (704,558)
Adjustments to reconcile operating loss to		
net cash provided by operating activities:		
Depreciation	1,581,365	1,608,091
Change in assets and liabilities:		
Decrease (increase) in receivables	100,994	(236, 149)
(Increase) in inventories	(585)	(21,217)
(Increase) in prepaids	(1,560)	(1,313)
(Decrease) increase in accounts payable	(185,595)	241,329
Decrease in customer deposits	(1,326)	(4,913)
Increase (decrease) in accrued expenses	28,755	(2,286)
Increase in net pension obligation	175,761	48,546
Net cash provided by operating activities	\$ 650,421	\$ 927,530

### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies of the McCreary County Water District, Water and Sewer Divisions (the District) conform to accounting principles generally accepted in the United States of America (GAAP). The District applies Financial Accounting Standards Board (FASB) pronouncements and Accounting Principles Board (APB) opinions issued on or before November 30, 1989, unless those pronouncements conflict with or contradict Governmental Accounting Standards Board (GASB) pronouncements, in which case, GASB prevails. The following is a summary of the more significant policies:

### Reporting Entity

The District, consisting of McCreary County Water District Water Division, and McCreary County Water District Sewer Division has been consolidated for reporting purposes. The entities share the same board of commissioners, central offices and employees.

The District is a special district formed for the express purpose of providing water and sewer service within the confines of McCreary County, Kentucky and East Pine Knot Estates. McCreary County Fiscal Court appoints an independent board of commissioners to govern the district. The District operates as an independent entity in that it: is legally separate; holds corporate powers of organization; the Fiscal Court does not impose their will upon the District; and the District does not impose financial benefit or burden upon the Fiscal Court.

#### Basis of Presentation

GASB Statement of Accounting Standards No. 34, as amended by GASB 63, Basic Financial Statements - and Management's Discussion and Analysis - for State and Local Governments (GASB 34) established standards for external financial reporting for all state and local governmental entities which includes a statement of net position, a statement of revenues, expenses and changes in net position and a statement of cash flows. It requires the classification of net position into three components: invested in capital assets, net of related debt; restricted; and unrestricted. These classifications are defined as follows:

- Invested in capital assets, net of related debt This component of net position consists of capital assets, including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. If there are significant unspent related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds is not included in the calculation of "invested in capital assets, net of related debt." Rather, that portion of the debt is included in the same net position component as the unspent proceeds.
- Restricted This component of net position consists of constraints placed on net asset use through external constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- Unrestricted This component of net position consists of net assets that
  do not meet the definition of "restricted" or "invested in capital assets,
  net of related debt."

### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

The financial statements are prepared in accordance with accounting principles generally accepted in the United States of America. The District is an individual fund and is accounted for as a business-type activity fund. It is financed and operated in a manner similar to a private business enterprise where the intent of the governing body is that costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis are financed primarily through user charges.

### Basis of Accounting

Basis of accounting refers to when revenues and expenses are recognized in the accounts and reported in the financial statements. It relates to the timing of the measurements made, regardless of the measurement focus applied. The District's financial statements are prepared on the accrual basis of accounting. By utilizing this method, revenues are recognized when they are earned, and expenses are recognized as they are incurred.

Operating income reported in the financial statements includes revenues and expenses related to the continuing operation of the fund. Principal operating revenues are charges to customers for sales or services. Principal operating expenses are the costs of providing goods or services and include administrative expenses and depreciation of capital assets. Other revenues and expenses are classified as non-operating in the financial statements.

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.

### Use of Estimates and Assumptions

In preparing financial statements that conform with generally accepted accounting principles, management makes estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements and amounts of revenues and expenses reflected during the reporting period. Accordingly, actual results could differ from those estimates.

Material estimates that are particularly susceptible to significant change relate to the allowance for doubtful accounts for accounts receivable.

### Compensated Absences

Vacation - Vacation days are accrued at the following rate:

- 5 days per year for years 1-3
- 10 days per year for years 3-10
- 15 days per year for years 10-15
- 20 days per year for years 15-xx

These days are carried over if unused to a maximum of 30 days; however, all full-time employees with over three years must take ten days of vacation per year.

Sick - Employees earn one sick day for every two months of employment and may carry over a total of twelve days.

These unpaid compensated absences, if applicable, are recorded as accrued liabilities.

### Cash and Cash Equivalents

For purposes of the statement of cash flows, the District considers all highly liquid investments with maturity of ninety days or less to be cash equivalents.

### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### Accounts Receivable

Trade accounts receivable are stated at the amount management expects to collect from balances outstanding at year-end. Management closely monitors outstanding balances and writes off balances that are deemed to be uncollectible. The allowance for doubtful accounts of \$192,765 and \$173,970 for the years ended December 31, 2016 and 2015 has been established to reserve for those balances that the entity believes to be uncollectible.

#### Inventories

Inventories are stated at the lower of cost or market on the basis of "first-in, first-out" (FIFO) inventory method.

### Capital and operating grants

Grants that are restricted to the purchase of capital assets are recorded as other income, per GASB 33. The District received \$1,197,776 and \$301,385 in grants for the years ended December 31, 2016 and 2015 respectively.

#### Capital Assets

Utility plant is stated at original cost and depreciated over its estimated useful lives using the straight-line method. Expenditures for maintenance and repairs are expensed when incurred. Renewals and betterments are capitalized. The range of useful lives used in computing depreciation is:

Classification	Range of lives
Buildings	40 years
Water systems	40 years
Machinery & equipment	5 years

Total depreciation expense was \$1,581,365 and \$1,608,091 for the years ended December 31, 2016 and 2015 respectively.

#### 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 Employers' Retirement System Plan (CERS) and additions to/deductions from CERS' fiduciary net position have been determined on the same basis as they are reported by CERS. For this purpose, benefit payments, (including refunds of employee contributions) are recognized when due and payable in accordance with benefit terms. Investments are reported at fair value.

### NOTE 2 - CASH DEPOSITS AND INVESTMENTS

The investment policies of the District are governed by State statute. Major provisions of the District's investment policy include: depositories must be FDIC insured banking institutions; depositories must fully insure or collateralize all demand and time deposits and repurchase agreements; and securities collateralizing repurchase agreements are to be held by independent third parties.

### NOTE 2 - CASH DEPOSITS AND INVESTMENTS (CONTINUED)

#### Bank Deposits

The fair market value of deposits and investments was equivalent to the reported values. All deposits are checking or savings accounts. The carrying amount of the District's bank deposits was \$1,355,030 and \$1,515,263 for the years ended December 31, 2016 and 2015 respectively and the respective bank balances totaled \$1,460,554 and \$1,578,258 respectively for the years then ended. The bank balances are covered by \$705,134 of FDIC insurance. The remaining bank balances were fully collateralized. The deposits are categorized to give an indication of the level of risk assumed by the District at year end. The categories are described as follows:

Category 1 - Insured

- Category 2 Collateralized with securities held by the pledging financial institution's trust department or agent in the District's name.
- Category 3 Collateralized with securities held by the pledged financial institution in the institution's name.

Deposits at December 31, 2016, categorized by level of risk, are:

	Risk Category					Bank			Book	
		1		2		3		Balance		Value
Unrestricted deposits										
Operating accounts	\$	108,107	\$		***	\$ 379,283	\$	487,390	\$	379,166
Depreciation funds		91,362				41,300		132,662		132,662
Restricted deposits										
Debt service funds		-			-	334,837		334,837		337,537
Depreciation funds		170,340			-	-		170,340		170,340
Investments		335,325				 		335,325		335,325
Total deposits	\$	705,134	\$		_	\$ 755,420	\$	1,460,554	\$ :	1,355,030

Deposits at December 31, 2015, categorized by level of risk, are:

	Risk Category					Bank		Book	
	1		2			3	Balance		Value
Unrestricted deposits									
Operating accounts	\$ 107,892	\$		-	\$	532,114	\$ 640,006	\$	577,011
Depreciation funds	147,751					37,758	185,509		185,509
Restricted deposits									
Debt service funds	_			-		305,507	305,507		305,507
Depreciation funds	113,940			-		-	113,940		113,940
Investments	 333,296			_			 333,296		333,296
Total deposits	\$ 702,879	\$		_	\$	875,379	\$ 1,578,258	\$1	,515,263

### NOTE 2 - CASH DEPOSITS AND INVESTMENTS (CONTINUED)

The District also had \$1,000 and \$1,000 of petty cash on hand for the years ended December 31, 2016 and 2015 respectively.

#### Investments

At December 31, 2016 and 2015, the District's investments included the Federated Treasury Obligations Fund (a money market fund). The investments are categorized to give an indication of the level of risk assumed by the District at year end. The categories are described as follows:

- Category 1 Investments that are insured, registered or for which the securities are held by the District or its agent in the District's name.
- Category 2 Uninsured and unregistered investments for which the securities are held by the bank's trust departments or agents in the District's name.
- Category 3 Uninsured and unregistered investments for which the securities are held by the banks, or by their trust departments or agents but not in the District's name.

Investments at December 31, 2016 categorized by level of risk, are:

		Risk Catego	ry	Book	Fair
	1	2	3	Value	Value
Treasury MM Fund	\$335 <b>,</b> 325	\$	<u> </u>	\$335,325	\$335,325
Total investments	\$335,325	\$ _	<u>\$</u> _	\$335,325	\$335,325

Investments at December 31, 2015, categorized by level of risk, are:

		Risk Categor	У	Book	Fair
	1	2	3	Value	Value
Treasury MM Fund	\$333,296	<u>\$</u> –	\$	\$333,296	\$333,296
Total investments	\$333,296	\$	\$ -	\$333,296	\$333,296

### NOTE 3 - RESTRICTED ASSETS

The restricted assets in the accompanying financial statements are restricted as to use by ordinance (Note 7), external parties or by board designation. A schedule of restricted assets at December 31, 2016 and 2015 are:

### A schedule of restricted assets at December 31, 2016 are:

	Investments								
		Cash	at cost		Total				
Debt service funds	\$	337,537	\$ -	\$	337,537				
Construction funds		-	-		-				
Depreciation funds		170,340	-		170,340				
Treasury MM fund			335,325		335,325				
Total restricted assets	Ġ	507,877	\$ 335,325	¢	843,202				
Total Testificied assets		301,011	4 333,323	_3	043,202				

### A schedule of restricted assets at December 31, 2015 are:

		II	nvestments	
-	 Cash		at cost	Total
Debt service funds	\$ 305,507	\$	_	\$ 305,507
Construction funds	-		ALLE	*99
Depreciation funds	113,940		-	113,940
Treasury MM fund	 	_	333,296	 333,296
Total restricted assets	\$ 419,447	\$	333,296	\$ 752,743

### NOTE 4 - CAPITAL ASSETS

The following represents the activity for the year ended December 31, 2016:

	Balance				Balance
	12/31/2015	Additions	Disposals	Transfers	12/31/2016
Operating fixed assets:					
Land	\$ 258,269	\$ 2,000	ş –	\$ -	\$ 260,269
Buildings & Improvements	19,895,627	33,973	_	-	19,929,600
Treatment equipment	3,249,813	-	_	-	3,249,813
Distributions	22,690,511	637,994	-	50,680	23,379,185
Services/meters	3,719,970	32,438	-	-	3,752,408
Other equipment	9,571,572	40,046	(90,234)	(1,000)	9,520,384
	59,385,762	746,451	(90,234)	49,680	60,091,659
Accumulated depreciation	(20,736,180)	(1,581,365)	90,234		(22,227,311)
	38,649,582	(834,914)	-	49,680	37,864,348
Construction in progress	1,252,590	954,930	(90,234)	(49,680)	2,067,606
Otility plant, net	\$39,902,172	\$ 120,016	\$ (90,234)	\$	\$39,931,954

The following represents the activity for the year ended December 31, 2015:

	Balance				Balance
	12/31/2014	Additions	Disposals	Transfers	12/31/2015
Operating fixed assets:					
Land	\$ 258,269	\$ -	\$ <b>-</b>	\$ -	\$ 258,269
Buildings & Improvements	19,895,627	-	-	_	19,895,627
Treatment equipment	3,249,813	-	-	_	3,249,813
Distributions	22,684,755	5,756	-	_	22,690,511
Services/meters	3,705,182	14,788	-	-	3,719,970
Other equipment	9,529,194	42,378			9,571,572
	59,322,840	62,922	_	-	59,385,762
Accumulated depreciation	(19,123,790)	(1,612,390)			(20,736,180)
	40,199,050	(1,549,468)	_	=	38,649,582
Construction in progress		1,252,590			1,252,590
Utility plant, net	\$40,199,050	\$ (296,878)	<u>\$</u>	<u> </u>	\$39,902,172

### NOTE 5 - LONG-TERM DEBT

Outstanding long-term debt consists of revenue bonds collateralized by the revenues of the District, and one capital lease for equipment. Revenues of the District are to be used first to pay operating and maintenance expenses and second to establish and maintain the revenue bond funds. The District is in compliance with all significant financial requirements as of December 31, 2016.

The District's bonded indebtedness and other long-term debt at December 31, 2016 and 2015, are summarized as follows:

		Original	Principal O/S	Principal O/S
Bond issue	Rate	Issue	2016	2015
Water District				
Ricoh Financial	12.75%	\$ 9,306	\$ 2,994	\$ 5,421
RD Series 2013 D	Variable	1,415,000	1,145,000	1,235,000
RD 2013 Series A	1.875%	635,000	613,000	624,000
RD 2005 Series A	4.125%	750,000	654,500	666,000
RD 2008 Series A	4.125%	325,000	295,800	300,500
RD 2008 Series A	4.125%	150,000	136,500	138,700
RD Series 2012 D	Variable	3,205,000	2,885,000	2,975,000
RD Series 2012 D-1	Variable	1,935,000	1,257,500	1,279,000
RD Series 2015	2.500%	1,158,000	1,158,000	_
KIA CD2-01	1.000%	* 1,510,000	727,549	800,198
Regions Bank	2.600%	896,850		896,850
Sewer District				
RD 2005 Series A	4.125%	290,000	252,500	257,000
RD Series 2012 D	Variable	1,595,000	1,435,000	1,480,000
N/P - UC Bank	6.000%	167,000	10,484	31,075
		14,041,156	10,573,827	10,688,744
Less current maturities			(373,556)	(376,077)
Total long-term debt			\$10,200,271	\$10,312,667

<sup>\*</sup> The original issue of the KIA CD2-01 loan is \$1,510,000. As of December 31, 2016, the District had borrowed \$1,474,999 of the original amount.

### NOTE 5 - LONG-TERM DEBT (CONTINUED)

The District's bonded indebtedness and other long-term debt at December 31, 2016 is detailed as follows:

	Principal Balance 12/31/2015	Borrowings	Principal Payments	Principal Balance 12/31/2016	Current	Long-Term
Water District						
Ricoh Finance	\$ 5,421	\$ -	\$ 2,427	\$ 2,994	\$ 2,994	\$ -
2005 Series A	666,000	_	11,500	654,500	12,000	642,500
2008 Series A	300,500	-	4,700	295,800	4,900	290,900
2008 Series A	138,700	_	2,200	136,500	2,300	134,200
2012 Series D	2,975,000	_	90,000	2,885,000	95,000	2,790,000
2012 Series D1	1,279,000	-	21,500	1,257,500	22,000	1,235,500
2013 Series D	624,000	-	11,000	613,000	11,000	602,000
2013 Series A	1,235,000	_	90,000	1,145,000	90,000	1,055,000
2015 Series	-	1,158,000	_	1,158,000	-	1,158,000
KIA F04-03	800,198	_	72,649	727,549	73,378	654,171
Regions Bank	896,850	_	896,850	-	_	-
Sewer District						
2005 Series A	257,000	_	4,500	252,500	4,500	248,000
2012 Series D	1,480,000	-	45,000	1,435,000	45,000	1,390,000
N/P - UCB	31,075		20,591	10,484	10,484	
	\$10,688,744	\$1,158,000	\$1,272,917	\$10,573,827	\$ 373,556	\$10,200,271

The District's bonded indebtedness and other long-term debt at December 31, 2015 is detailed as follows:

	Principal			Principal		
	Balance		Principa1	Balance		
	12/31/2014	Borrowings	Payments	12/31/2015	Current	Long-Term
Water District						
Ricoh Finance	\$ 7,516	\$ -	\$ 2,095	\$ 5,421	\$ 2,427	\$ 2,994
2005 Series A	677,000	_	11,000	666,000	11,500	654,500
2008 Series A	305,000	_	4,500	300,500	4,700	295,800
2008 Series A	140,800	-	2,100	138,700	2,200	136,500
2012 Series D	3,060,000	_	85,000	2,975,000	90,000	2,885,000
2012 Series D1	1,300,000	_	21,000	1,279,000	21,500	1,257,500
2013 Series D	635,000	_	11,000	624,000	11,000	613,000
2013 Series A	1,325,000	_	90,000	1,235,000	90,000	1,145,000
KIA CD2-01	872,127	-	71,929	800,198	72,650	727,548
Regions Bank	-	896,850	_	896,850	-	896,850
Sewer District						
2005 Series A	261,500	_	4,500	257,000	4,500	252,500
2012 Series D	1,525,000	_	45,000	1,480,000	45,000	1,435,000
N/P - UCB	50,559		19,484	31,075	20,600	10,475
	\$10,159,502	\$ 896,850	\$ 367,608	\$10,688,744	\$ 376,077	\$10,312,667

### NOTE 5 - LONG-TERM DEBT (CONTINUED)

The long-term debt service requirements are as follows:

	Prin	cipal	Int	erest	То	tal
<u>Year</u>	Water	Sewer	Water	Sewer	Water	Sewer
2017	\$ 313,572	\$ 59,984	\$ 254,002	\$ 64,157	\$ 567,574	\$ 124,141
2018	337,369	50,000	244,437	62,414	581,806	112,414
2019	345,349	50,000	236,513	60,749	581,862	110,749
2020	353,438	55,500	228,378	59,004	581,816	114,504
2021	361,534	55,500	219,910	57,219	581,444	112,719
2022-2026	1,818,781	307,000	958,960	256,124	2,777,741	563,124
2027-2031	1,338,200	370,000	722,794	193,605	2,060,994	563,605
2032-2036	1,258,300	430,000	500,977	115,007	1,759,277	545,007
2037-2041	1,150,700	277,500	289,930	36,250	1,440,630	313,750
2042-2046	717,800	42,500	148,553	3,805	866,353	46,305
2047-2051	610,800	_	65,174	-	675,974	-
2052-2055	270,000		11,456		281,456	
	\$8,875,843	\$1,697,984	\$3,881,084	\$ 908,334	\$12,756,927	\$2,606,318

Ricoh Finance - A capital lease was started on December 30, 2013 for the use of equipment purchased from IKON Office Solutions. The lease bears an interest rate of 12.75% with a life of four years ending on January 30, 2018.

2005 Series A - McCreary County Water District Waterworks Revenue Bond, dated August 31, 2005, due in annual installments through April 1, 2045, bearing an interest rate of 4.125%.

2008 Series A - McCreary County Water District Waterworks Revenue Bond, dated April 8, 2008, due in annual installments through April 8, 2048 bearing an interest rate of 4.125%

2008 Series A - McCreary County Water District Waterworks Revenue Bond, dated April 8, 2008, due in annual installments through April 8, 2048 bearing an interest rate of 4.125%

2012 Series D - McCreary County Water District Waterworks Revenue Bond, dated May 30, 2012, due in annual installments through January 1, 2040 bearing a variable interest rate.

2012 Series D1 - McCreary County Water District Waterworks Revenue Bond, dated September 30, 2012, due in annual installments through April 1, 2052 bearing a variable interest rate.

2013 Series D - McCreary County Water District Waterworks Revenue Bond, dated February 27, 2013, due in annual installments through October 1, 2052 bearing a variable interest rate.

2013 Series A - McCreary County Water District Waterworks Revenue Bond, dated February 27, 2013, due in annual installments through July 1, 2030 bearing an interest rate of 1.875%.

### NOTE 5 - LONG-TERM DEBT (CONTINUED)

KIA F04-03 Fund F - As of December 31, 2005 the District had drawn \$1,474,999 on a KIA loan secured by a pledge of revenues. The loan bears an interest rate of 1.00% with a life of twenty years maturing in 2026.

2005 Series A - McCreary County Water District Sewer System Revenue Bond, dated August 31, 2005, due in annual installments through January 1, 2045, bearing an interest rate of 4.125%.

2012 Series D - McCreary County Water District Sewer System Revenue Bond, dated May 30, 2012, due in annual installments through February 1, 2041, bearing a variable interest rate.

United Cumberland Bank - Installment loan dated February 9, 2007, due in bi-annual installments through February 9, 2017, bearing an interest rate of 6.0%.

Series 2015 - McCreary County Water District Water System Revenue Bond, dated February 5, 2016, due in annual installments through April 1, 2055, bearing an interest rate of 2.5%.

### NOTE 6 - NET POSITION

GASB Statement No. 34 (as amended by GASB 63) requires the delineation of Net Position as Invested in Property, Plant and Equipment (capital investments), Restricted and Unrestricted.

The balance of capital investments represents funds that have been used to acquire pump stations, storage facilities, meter stations, etc., constructed and operated by the District, net of outstanding debt. The balance was \$29,358,127 and \$29,213,428 for the years ended December 31, 2016 and 2015 respectively.

The District has the following restricted net position that is reserved in accordance with the District's various bond ordinances (Note 7):

		2016		2015
Construction	\$	-0-	\$	-0-
Depreciation	1	70,340		113,940
Debt Service	3	37,537		305,507
Treasury MM Fund	_3	35,325	_	333,296
Total Restricted	\$ 8	43,202	\$	752,743

The District has a balance of \$(789,298) and \$(433,122) for unrestricted net position at December 31, 2016 and 2015 respectively.

#### NOTE 7 - COMPLIANCE WITH BOND ORDINANCES

The District is in compliance with its bond ordinances that require the District to maintain certain reserves and restricted assets as follows:

Bond and Interest Fund - In order to fund the McCreary County Water District and Water Sewer debt, the District makes deposits into these funds to pay for current maturing principal portions and associated interest of bond issues.

Bond Sinking Funds - McCreary County Water District is required by ordinances to transfer funds into various sinking funds for future debt retirement.

### NOTE 7 - COMPLIANCE WITH BOND ORDINANCES (CONTINUED)

Depreciation Fund — The bond resolutions authorizing the bond issues of the water and sewer system require transfers into various depreciation funds to be used for plant acquisitions, extensions and extraordinary repairs and maintenance. Transfers can cease when the fund balance reaches specified levels. The balance in the depreciation fund as of December 31, 2016 and 2015 equaled \$303,002 and \$299,449 respectively. The required balance is \$170,340 and \$113,940 respectively.

Construction Funds - The District is required to transfer funds into various funds for the use of funding future projects.

### NOTE 8 - 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 disasters. In addition to its general liability insurance, the District also carries commercial insurance for all other risks of loss such as workers' compensation and employee health and accident insurance. Settled claims resulting from these risks have not exceeded commercial insurance coverage in any of the past three calendar years.

### NOTE 9 - FAIR VALUE MEASUREMENTS

FASB Statement No. 157, Fair Value Measurements, as codified by Accounting Standards Codification (ASC) 820-10 establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. This hierarchy consists of three broad levels: Level 1 inputs consist of unadjusted quoted prices in active markets for identical assets and have the highest priority, and Level 3 inputs have the lowest priority. The District uses appropriate valuation techniques based on the available inputs to measure the fair value of its investments. When available, the District measures fair value using Level 1 inputs because they generally provide the most reliable evidence of fair value. No Level 2 or 3 inputs were used by the District.

### Level 1 Fair Value Measurements

The fair value of the Federated Treasury Obligations Fund (a money market fund) is based on quoted net asset values of the investments held by the District at year-end.

The following table sets forth by level, within the fair value hierarchy, the District's assets at fair value:

#### Assets at Fair Value as of December 31, 2016

	Level 1	Level 2	Level 3	Total
Treasury MM fund	\$335,325	-	-	\$335,325
Total assets at fair value	\$335,325	-	_	\$335,325

### NOTE 9 - FAIR VALUE MEASUREMENTS (CONTINUED)

Assets at Fair Value as of December 31, 2015

	Level 1	Level 2	Level 3	Total
Treasury MM fund	\$333,296	-	-	\$333,296
Total assets at fair value	\$333,296	-	_	<u>\$333,296</u>

### NOTE 10 - PENSION PLAN

McCreary County Water District is a participating employer of the County Employees' Retirement System (CERS). Under the provisions of Kentucky Revised Statute 61.645, the Board of Trustees of Kentucky Retirement Systems administers the CERS. The plan issues publicly available financial statements which may be downloaded from the Kentucky Retirement Systems website.

Plan Description - CERS is a cost-sharing multiple-employer defined benefit pension plan that covers substantially all regular full-time members employed in positions of each participating county, city, and school board, and any additional eligible local agencies electing to participate in the System. The plan provides for retirement, disability, and death benefits to plan members. Retirement benefits may be extended to beneficiaries of plan members under certain circumstances. Cost-of-living (COLA) adjustments are provided at the discretion of state legislature.

Contributions - For the year ended December 31, 2016, plan members were required to contribute 5.00% of wages for non-hazardous job classifications. Employees hired after September 1, 2008 are required to contribute an additional 1% to cover the cost of medical insurance that is provided through CERS. Participating employers were required to contribute at an actuarially determined rate. Per Kentucky Revised Statute Section 78.545(33), normal contribution and past service contribution rates shall be determined by the Board on the basis of an annual valuation last preceding the July 1 of a new biennium. The Board may amend contribution rates as of the first day of July of the second year of a biennium if it is determined on the basis of a subsequent actuarial valuation that amended contributions rates are necessary to satisfy requirements determined in accordance with actuarial basis adopted by the Board. For the year ended December 31, 2016, the District contributed 17.06% of each employee's wages from January to June, 2016 and 18.68% of each employee's wages from July to December, 2016, both of which are equal to the actuarially determined rates set by the Board. Administrative costs of the Kentucky Retirement System are financed through employer contributions and investment earnings.

Plan members who began participating on, or after, January 1, 2014, were 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. Members in the plan contribute a set percentage of their salary each month to their own account. Plan members contribute 5.00% of wages to their own account and 1% to the health insurance fund. The employer contribution rate is set annually by the Board based on an actuarial valuation. The employer contributes a set percentage of each member's salary. Each month, when employer contributions are received, an employer pay credit is deposited to the member's account. For non-hazardous members, their account is credited with a 4% employer pay credit. The employer pay credit represents a portion of the employer contribution.

### NOTE 10 - PENSION PLAN (CONTINUED)

The District contributed \$181,813 and \$175,031 for the years ended December 31, 2016 and 2015, respectively, or 100% of the required contribution. The contribution was allocated for the years ended December 31, 2016 and 2015 \$134,208 and \$126,892, respectively, to the CERS pension fund and \$47,605 and \$48,139, respectively, to the CERS insurance fund.

Pension Liabilities, Expense, Deferred Outflows of Resources and Deferred Inflows of Resources - At December 31, 2016, the District reported a liability of \$2,142,121 or 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 long-term share of contributions to the pension plan relative to the projected contributions of all participating entities, actuarially determined. At June 30, 2016, the District's proportion was .043507 percent, while at June 30, 2015, the District's proportion was .040432 percent.

For the year ended December 31, 2016, the District recognized pension expense of \$309,969. At December 31, 2016, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual results	\$ 9,352	<b>\$</b> -
Changes of assumptions	113,478	-
Net difference between projected and actual earnings		
on Plan investments	201,381	-
Changes in proportion and differences between District contributions and proportionate share of		
contributions	82,412	31,007
District contributions subsequent to the measurement date	73 400	
date	73,400	
Total	\$ 480,023	\$ 31,007

The \$73,400 of deferred outflows of resources 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. Other amounts reported as deferred outflows of resources and deferred inflows of resources will be recognized in pension expense as follows:

Year ending June 30,	
2017	\$(134,090)
2018	(104,293)
2019	(92,495)
2020	(44,738)

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

### NOTE 10 - PENSION PLAN (CONTINUED)

Inflation 3.25%

Salary increases 4.00%, average, including inflation

Investment rate of return 7.50%, net of plan investment expense, including inflation

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 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, 2016 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. Several factors are considered in evaluating the long-term rate of return assumptions including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation) were developed by the investment consultant for each major asset class. These ranges were combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation. The capital market assumptions developed by the investment consultant are intended for use over a 10-year horizon and may not be useful in setting the long-term rate of return for funding pension plans which covers a longer 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 inflation assumption, or a fundamental change in the market that alters expected returns in future years.

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

	Target	Long-term Expected Real Rate
Asset Class	Allocation	of Return
Combined Equity	448	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%	8.50%
Cash Equivalent	2%	-0.25%
Total	100%	

### NOTE 10 - PENSION PLAN (CONTINUED)

Discount Rate - The discount rate used to measure the total pension liability was 7.50 percent at June 30, 2016. 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 discount rate does not use a municipal bond rate.

Sensitivity of the Company'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 percent, 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 percent) or 1-percentage-point higher (8.50 percent) than the current rate:

		Company's proportionate share of net pension
	Discount rate	liability
1% decrease	6.50%	\$ 2,669,430
Current discount rate	7.50%	\$ 2,142,121
1% increase	8.50%	\$ 1,690,113

Payable to the Pension Plan - At December 31, 2016 and 2015, the District reported a payable of \$23,014\$ and \$21,228, respectively, for the outstanding amount of contributions to the pension plan required for the years then ended. The payable includes both the pension and insurance contribution allocation.

### NOTE 11 - SUBSEQUENT EVENTS

Subsequent events were evaluated through August 18, 2017, which is the date the financial statements were available to be issued.

In June 2015, the GASB approved Statement No. 75 "Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions" which reflects substantial changes to the accounting and financial reporting of state and local government employers. The objective of Statement No. 75 is to improve accounting and financial reporting by state and local governments for postemployment benefits other than pensions (other postemployment benefits or OPEB). Statement No. 75 replaces the requirements of Statement No. 45, "Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions," as amended.

The guidance contained in this Statement changes how governments calculate and report the costs and obligations associated with OPEB in important ways. It is designed to improve the decision usefulness of reported OPEB information and to increase the transparency, consistency, and comparability of OPEB information across governments. Under the OPEB standards now in effect, cost-sharing employers have not been required to present actuarial information about OPEB. Instead, information has been required to be presented in the OPEB plan's own financial statements for all the participating governments combined.

### NOTE 11 - SUBSEQUENT EVENTS (CONTINUED)

Through its research, the GASB concluded that the needs of users of information regarding cost-sharing employers do not differ significantly from those interested in single and agent employers. Therefore, the GASB believes it is important to give users of the financial statements of cost-sharing employers access to better, more transparent financial information. Consequently, under the new standard the GASB is requiring that cost-sharing governments report a net OPEB liability, OPEB expense, and OPEB-related deferred inflows and outflows of resources based on their proportionate share of the collective amounts for all the governments in the plan.

Statement No. 75 will take effect for pension plan employers in fiscal years beginning after June 15, 2017 (that is, for years ended June 30, 2018 or later). The District is currently evaluating the effects of this statement on its financial statements. The actual liability for December 31, 2016 for McCreary County Water District is not known at this time.

### MCCREARY COUNTY WATER DISTRICT WATER AND SEWER DIVISIONS COMBINING STATEMENT OF NET POSITION DECEMBER 31, 2016

McCreary County Water Sewer Eliminations Total ASSETS Current assets: 512,828 474,586 38,242 Cash and cash equivalents 173,626 Unbilled revenues 57,996 231.622 Accounts receivable, net 266,786 74,766 341,552 61,945 Other receivables 56,181 5,764 1,015,626 (1,015,626)Due from associated division 174,715 47,945 222,660 Inventory Prepaid empenses 26,689 26,689 1,397,296 Total current assets 2,188,209 224,713 (1,015,626) Non-current assets: 507,877 Restricted cash and cash equivalents 475,368 32,509 335,325 335,325 Investments Capital assets: 60,091,659 40,910,172 19,181,487 Utility plant (15,689,918) (6,537,393) (22, 227, 311) Less accumulated depreciation Construction in process 2,067,606 2,067,606 40,775,156 28,098,553 12,676,603 Total non-current assets Deferred outflows of resources: 53,431 426,592 480,023 Deferred outflows - pension Total assets and deferred outflows of resources \$ 30,713,354 \$ 12,954,747 \$ (1,015,626) \$ 42,652,475 LIABILITIES Current liabilities: 125,307 70,561 195,868 Accounts payable Accrued interest 96,462 31,917 128,379 1,015,626 (1,015,626)Due to associated division Taxes payable 20,147 2,612 22,759 Other accrued expenses 105,183 10,678 115,861 30,622 30,622 Customer deposits 2,994 Capital equipment lease - current 2,994 Notes payable - current 10,484 10,484 310,578 49,500 Revenue bonds - current portion 360,078 691,293 1,191,378 (1,015,626) 867,045 Total current liabilities Non-current liabilities: Notes payable - long term Revenue bonds - net current portion 10,200,271 8,562,271 1,638,000 Net pension liability 1,882,482 259,639 2,142,121 12,342,392 10,444,753 1,897,639 Total non-current liabilities 11,136,046 (1,015,626)13,209,437 Total liabilities 3,089,017 Deferred inflows of resources: 3,564 31,007 Deferred inflows - pension 27,443 NET POSITION Invested in capital assets, net 29,358,127 of related debt 18,412,017 10,946,110 Restricted for debt service and construction 810,693 32,509 843,202 327,155 (1, 116, 453)(789, 298)Unrestricted 29,412,031 Total net position 19,549,865 9,862,166 Total liabilities, deferred inflows \$ 12,954,747 \$ (1,015,626) \$ 42,652,475 of resources and net position \$ 30,713,354

### McCREARY COUNTY WATER DISTRICT

### WATER AND SEWER DIVISIONS

### COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION FOR THE YEAR ENDED DECEMBER 31, 2016

McCreary County

		McCreary County				
		Water		Sewer		Total
Operating revenues						
Residential sales	Ś	2,272,333	\$	309,154	S	2,581,487
Commercial sales	,	221,316	,	153,697	•	375,013
Industrial sales		5,154		4,518		9,672
Governmental sales		686,378		435,016		1,121,394
Other sales and fees		78,621		20,245		98,866
Total operating revenues		3,263,802		922,630		4,186,432
Operating expenses						
General and administrative costs		213,362		10,152		223,514
Payroll and contractual services		1,661,589		362,833		2,024,422
Repairs and maintenance		_		91,839		91,839
Other supplies and expenses		837,140		475,540		1,312,680
Depreciation		1,024,926		556,439		1,581,365
Total operating expenses		3,737,017		1,496,803		5,233,820
Operating loss		(473,215)		(574,173)		(1,047,388)
Nonoperating revenues (expenses)						
Interest income		8,185		322		8,507
Other income		38,352		_		38,352
Gain on sale of fixed assets		1,603		_		1,603
Interest expense		(255, 368)		(64,500)		(319,868)
Total nonoperating revenues		(207, 228)		(64,178)		(271, 406)
Loss before contributions		(680,443)		(638,351)		(1,318,794)
Capital grants received		1,013,899	-	183,877		1,197,776
Change in net position		333,456		(454,474)		(121,018)
Total net position on						
December 31, 2015		19,517,793		10,015,256		29,533,049
Total net position on						
December 31, 2016	\$	19,851,249	\$	9,560,782	\$	29,412,031

### McCREARY COUNTY WATER DISTRICT WATER AND SEWER DIVISIONS COMBINING STATEMENT OF CASH FLOWS (CONTINUED) DECEMBER 31, 2016

	Water	Sewer	Total
Reconciliation of operating loss to net cash			
provided by operating activities:			
Operating loss	\$ (473,215)	\$ (574,173)	\$ (1,047,388)
Adjustments to reconcile operating loss to			
net cash provided by operating activities:			
Depreciation and amortization	1,024,926	556,439	1,581,365
Change in assets and liabilities:			
(Increase) decrease in receivables	106,114	(5,120)	100,994
Decrease (increase) in inventories	5,202	(5,787)	(585
Increase in prepaids	(1,560)	-	(1,560)
(Decrease) increase in accounts payable	(214,726)	29,131	(185,595)
Decrease in customer deposits	(1,326)	-	(1,326)
Increase in accrued empenses	23,876	4,879	28,755
Increase in net pension obligation	156,528	19,233	175,761
Net cash provided by operating activities	\$ 625,819	\$ 24,602	\$ 650,421

McCreary County Water District Schedule of Proportionate Share of the Net Pension Liability For the Years Ended December 31, 2016, 2015 and 2014

	2016	2015	2014
District's proportion of the net pension liability District's proportionate share of the net pension	0.04351%	0.04043%	0.04243%
liability	\$ 2,142,121	\$ 1,738,371	\$ 1,376,595
District's covered employee payroll District's share of the net pension liability	\$ 1,024,456	\$ 949,859	\$ 973,416
as a percentage of its covered employee payroll Plan fiduciary net position as a percentage	209.10%	183.01%	141.42%
of the total pension liability	55.50%	59.97%	66.80%

#### Notes:

Schedule is intended to show information for the last 10 fiscal years. Additional years will be displayed as they become available.

The amounts presented for each fiscal year were determined (measured) as of June 30, of the fiscal year presented.

McCreary County Water District Schedule of Pension Contributions For the Years Ended December 31, 2016, 2015 and 2014

	2016	2015	2014
Contractually required employer			
contributions	\$ 134,208	\$ 126,892	\$ 127,882
Contributions relative to contractually			
required employer contributions	\$ 134,208	\$ 126,892	\$ 127,882
Contribution excess (deficiency)	\$ _	<u> </u>	\$ -
District's covered employee payroll	\$ 1,015,760	\$ 1,009,246	\$ 965,456
Employer contributions as a percentage			
of covered-employee payroll	13.21	12.57%	13.25%

#### Notes:

Schedule is intended to show information for the last 10 fiscal years. Additional years will be displayed as they become available.

Contractually required employer contributions exclude the portion of contributions paid to the CERS, but allocated to the insurance fund of the CERS. The above contributions only include those contributions allocated directly to the CERS pension fund.

The amounts presented for each fiscal year were determined (measured) as of December 31, the reporting year-end of the District.

McCreary County Water District Schedule of Changes in Benefits and Assumptions For the Year Ended December 31, 2016

### County Employee Retirement System

Changes of benefit terms for the year ended June 30, 2016 - None.

Changes in assumptions for the year ended June 30, 2016 - None.

Federal Grantor / Pass-Through Grantor / Program or Cluster Title	Federal CFDA Number	Program/Award	Award Amount	Receipts  FYE 12/31/16	Expenditures  FYE 12/31/16
Rural Development	10.760	Rural Development Water Plant 1 Upgrade Phase 2 Loan / Grant	\$ 2,800,964	\$ 1,894,288	\$ 1,731,329 Major
Corp of Engineers	10.760	Department of the Army Corp of Engineers Revelo to Stearns Sewer Entension Project Grant	500,000	65,305	65,305 Major
		Total	\$ 3,300,964	\$ 1,959,593	5 1,796,634

#### Notes to the Schedule of Expenditures of Federal Awards

#### Note 1. Basis of Presentation

The accompanying schedule of expenditures of federal awards (the schedule) includes the federal award activity of McCreary County Water District under programs of the federal government for the year ended December 31, 2016. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of McCreary County Water District, it is not intended to and does not present the financial position, changes in net assets, or cash flows of McCreary County Water District.

#### Note 2. Summary of Significant Accouting Policies

Empenditures reported on the Schedule are reported on the accrual basis of accounting. Such empenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of empenditures are not allowable or are limited as to reimbursement.

### Note 3. Indirect Cost Rates

McCreary County Water District has elected not to use the 10 percent de minimus indirect cost rate as allowed under the Uniform Guidance.

### FAULKNER, KING & WENZ, PSC CERTIFIED PUBLIC ACCOUNTANTS

JOSEPH C. KING, CPA JOHN M. WENZ, CPA KEVIN M. ROMENESKO, CPA KAREN S. TRENT, CPA EUGENE C. WEATHERS, CPA

P.O. BOX 285 117 WEST HIGH STREET MT. STERLING, KY 40353 (859) 498-1836 FAX (859) 498-2116

LANA J. McCANN, CPA ERICA M. SNOWDEN, CPA JENNIFER T. COLLINGWOOD, CPA

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

Board of Commissioners McCreary County Water District Water and Sewer Divisions Whitley City, Kentucky 42653

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 combined financial statements of the business-type activities of the McCreary County Water District, Water and Sewer Divisions (the 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 and have issued our report thereon dated August 18, 2017.

#### Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the 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 combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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

Board of Commissioners McCreary County Water District Water and Sewer Divisions Whitley City, Kentucky 42653 Page 2

### Compliance and Other Matters

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

### Purpose of this Report

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

Faulkner, King & Wenz, PSC

August 18, 2017

### FAULKNER, KING & WENZ, PSC CERTIFIED PUBLIC ACCOUNTANTS

JOSEPH C. KING, CPA JOHN M. WENZ, CPA KEVIN M. ROMENESKO, CPA KAREN S. TRENT, CPA EUGENE C. WEATHERS, CPA

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LANA J. McCANN, CPA ERICA M. SNOWDEN, CPA JENNIFER T. COLLINGWOOD, CPA

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE REQUIRED BY THE UNIFORM GUIDANCE

McCreary County Water District Whitley City, Kentucky

### Report on Compliance for Each Major Federal Program

We have audited McCreary County Water District, Water and Sewer divisions, compliance with the types of compliance requirements described in the OMB Compliance Supplement that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2016. McCreary County Water District's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

### Management's Responsibility

Management is responsible for compliance with federal statutes, regulations, and the terms and conditions of its federal awards applicable to federal programs.

### Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of McCreary County Water District's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about McCreary County Water District's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

McCreary County Water District Whitley City, Kentucky Page 2

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of McCreary County Water District's compliance.

### Opinion on Each Major Federal Program

In our opinion, McCreary County Water District, complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2016.

### Report on Internal Control over Compliance

Management of McCreary County Water District is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered McCreary County Water District's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of McCreary County Water District's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis.

A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

McCreary County Water District Whitley City, Kentucky Page 3

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

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

### Faulkner, King & Wenz, PSC

August 18, 2017

### McCREARY COUNTY WASTER DISTRICT SCHEDULE OF FINDINGS AND QUESTIONED COSTS DECEMBER 31, 2016

Summary of Auditor's Results

Financial Statements:	
Type of report the auditor issued on whether the financial statements audited were prepared in accordance with GAAP: unqualified	
Internal control over financial reporting:	
• Material weakness(es) identified?	yesXno
<ul> <li>Significant deficiency(ies) identified?</li> </ul>	yes <u>X</u> no
Noncompliance material to financial statements noted?	yes _X no
Federal Awards:	
Type of auditor's report issued: unqualified	
Internal control over major federal programs:	
• Material weakness(es) identified?	yes <u>X</u> no
<ul> <li>Significant deficiency(ies) identified?</li> </ul>	yes <u>X</u> _no
Type of auditor's report issued on compliance for major federal programs: unqualified	
Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?	yes <u>X</u> no
<pre>Identification of major federal program(s):</pre>	
CFDA Numbers 10.760	Name of Federal Program or Cluster Rural Development Department of the Army Corp of Engineers
Dollar threshold used to distinguish between type A and t	
Auditee qualified as a low-risk auditee?	yes _ X _no