Yoakum, Lovell & Co., PLC

CERTIFIED PUBLIC ACCOUNTANTS

Benton Municipal Light and Water Works
City of Benton, State of Arkansas

Financial Statements and Supplementary Information

December 31, 2018 and 2017

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Management's Discussion and Analysis

The management's discussion and analysis of Benton Municipal Light and Water Works' (Utility System) financial performance provides an overview of the Utility System's financial activities for the year ended December 31, 2018. Please read it in conjunction with the Utility System's financial statements, which are presented on pages 7 through 18.

Required Financial Statements

The financial statements of the Utility System report information utilizing the full accrual basis of accounting. The financial statements conform to accounting principles generally accepted in the United States. The balance sheets include information of the Utility System's assets and liabilities and provide information about the nature and amounts of investments in resources (assets) and the obligations to Utility System's creditors (liabilities). The statements of revenues, expenses and changes in net position identify the Utility System's revenues and expenses for the years ended December 31, 2018 and 2017. This statement provides information on the Utility System's operations over the past two years and can be used to determine whether the Utility System has recovered all of its costs through user fees and other charges. The third financial statement is the statement of cash flows. This statement provides information on the Utility System's cash receipts, cash payments, and changes in cash resulting from operations, investments, and financing activities. From the statements of cash flows, the reader can obtain comparative information on the source and use of cash and the change in the cash balance for each of the last two years.

2018 Financial Highlights

- The Utility's total revenues increased by \$6,342,296 or 18.75% from \$33,829,655 at December 31, 2017, to \$40,171,951 at December 31, 2018. The increase in revenues is in great part due to an increase in electric rates.
- The Utility's total expenses increased by \$657,943 or 1.92% from \$34,186,836 at December 31, 2017, to \$34,844,779 at December 31, 2018. The increase in expenses is in great part due to an increase in repair projects.
- The Utility's total assets and deferred outflows of resources increased by \$11,516,815 or 11.85% from \$97,215,571 at December 31, 2017, to \$108,732,386 at December 31, 2018. The increase is due in great part to increases in board designated and restricted funds.

Financial Analysis of the Utility System

The statements of net position (condensed balance sheets) and condensed statements of revenues, expenses and changes in net position provide an indication of the Utility System's financial condition. The Utility System's net position reflects the difference between assets and liabilities. An increase in net position over time typically indicates an improvement in financial condition.

Investment income increased by 236.97% or \$77,668 due to an increase of restricted interest income on bond money for utility projects.

Condensed Statements of Net Position

	2018		2017	***********	2016
Current Assets	\$ 14,539,621	\$	7,607,460	\$	8,308,934
Restricted Assets	8,978,765		2,816,587		2,987,255
Capital Assets, Net	82,953,590		84,286,162		85,272,185
Deferred Outflows	2,260,410		2,505,362		2,625,592
Total Assets and Deferred Outflows	\$ 108,732,386	\$	97,215,571	\$	99,193,966
Current Liabilities	\$ 8,146,129	\$	6,437,808	\$	7,119,568
Long-Term Liabilities	 51,941,997		47,848,590		50,196,858
Total Liabilities	60,088,126		54,286,398		57,316,426
Deferred Inflows	979,254		656,834		290,717
Net Investment in Capital Assets	 36,471,478		38,894,605		38,172,254
Restricted	3,325,115		2,176,104		1,820,567
Unrestricted	7,868,413	***************************************	1,201,630		1,594,002
Total Net Position	47,665,006		42,272,339		41,586,823
Total Liabilities and Net Position	\$ 108,732,386	\$	97,215,571	\$	99,193,966

Total net position increased by \$5,392,667 from \$42,272,339 at December 31, 2017, to \$47,665,006 at December 31, 2018, an increase of 12.76%. Current liabilities increased by \$1,708,321, or 26.54%.

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

	2018	2017	2016
Operating Revenues:			
Services Fees and Penalties	\$ 39,884,463		\$ 34,085,612
Other Revenue	177,045		<u>250,341</u>
Total Operating Revenues	40,061,508		34,335,953
Investment Income	110,443		<u> 28,707</u>
Total Revenue	40,171,951	33,829,655	<u>34,364,660</u>
Operating Expenses:			
Power Costs	16,836,858	3 16,824,846	16,293,183
Plant Production Expenses	1,977,666	1,994,112	2,312,788
General and Distribution Expenses	4,925,936	4,624,827	5,115,675
Administrative Expenses	1,996,067	7 1,790,518	2,128,131
Depreciation Expense	5,078,686	5,346,165	5,314,678
Franchise Fees	2,214,230	1,847,463	1,876,566
Total Operating Expenses	33,029,443	32,427,931	33,041,021
Issuance Cost of Bonds	91,423	3	
Interest Expense	1,723,913	<u>1,758,905</u>	1,806,54 <u>9</u>
Total Expenses	34,844,779	<u>34,186,836</u>	34,847,570
Net Income (Loss) Before Contributions	5,327,172	2 (357,181)	(482,910)
Capital Contributions	65,49	1,042,697	<u>1,054,316</u>
Change in Net Position	5,392,667	7 685,516	571,406
Net Position at Beginning of Year	42,272,339	41,586,823	41,015,417
Net Position at End of Year	\$ 47,665,000	<u>\$ 42,272,339</u>	<u>\$ 41,586,823</u>

Total revenues from services, fees and penalties reflect an increase from 2017 to 2018. The increase amount was \$6,257,944, or 18.61%. The increase in revenues is in great part due to an increase in electric rates.

Net income of \$5,327,172 before capital contributions, transfers, and extraordinary items, less capital contributions of \$65,495 were the two items that resulted in an increase of \$5,392,667 in net position for the year ending December 31, 2018.

Capital Assets

At December 31, 2018, the Utility had \$36,471,478 net invested in capital assets. This investment in capital assets includes land, buildings, vehicles, equipment, utility infrastructure, construction materials and construction in progress. The total decrease in the Utility's investment in capital assets for the year of 2018 was \$2,423,127 or 6.23%, due to an increase in bonds payable. A scheduled summary showing the changes to the capital assets during the year of 2018 can be found in Note 4 on page 13 of this audit report. A scheduled summary showing the changes to the revenue bonds payable during the year of 2018 can be found in Note 6 on page 14 of this audit report.

Debt Administration

At December 31, 2018, the Utility had \$49,495,613 in outstanding revenue bonds payable compared to \$43,246,040 outstanding at December 31, 2017. This increase of \$6,249,573 is the difference in the amount of bonds retired (paid off) during the year and the issuance of the January 30, 2018 bonds in the amount of \$7,800,000. An accumulated compensable (accrued salary, vacation and sick leave) balance of \$420,146 at December 31, 2018, is an increase of \$17,846 over the \$402,300 accrued as of December 31, 2017. A scheduled summary showing changes to the debt administration can be found in Note 1G on page 11 of this audit report.

Economic Factors and Next Year's Budget and Rates

The largest area of impact in 2018 was the \$7.8MM Bond Issue. These funds allowed the Utility to begin the relocation of Electric and Water lines along Interstate 30. This project is expected to be completed in 2019. This will allow the widening of Interstate 30 to 6 lanes from Exit 117 (Highway 5) to Exit 111 (Highway 70). \$3.3MM was spent on this and other projects in 2018. Other projects to be funded by the Bond Issue that are now in progress are:

Critical Manhole Rehabilitation Saline River Circuit Crossing Clarifier & Yard Piping 16" Water Main – Downtown Phase 1

The second large area of impact was the 12% Electric rate increase approved by the City Council that became effective Jan. 1, 2018. This increase was necessary due to the 2014 reduction in rates that proved to be too aggressive with the necessary projects needed to fulfill the needs of our growing City. This increase was a sweeping across-the board increase affecting all rate classes and customer charges. After a few months passed it was determined that the 12% increase to Large Power Rates for Commercial customers was too aggressive and needed to be revised in order to balance the demand to the utility and the impact on the growth of our commercial industries. The City Council approved a 6% reduction to those rates effective May 1, 2018. There were also automatic Water rate increases of 2%, which went into effect Jan. 1, 2018 and Jan. 1, 2019. The automatic 3% increase for Wastewater went into effect on April 1, 2018 and will also continue through April 1, 2020 as approved by City Council. The goal of these rate increases is to make each Utility Department (Electric, Water & Wastewater) solvent with adequate revenues to cover its own expenses. With this goal in mind, Benton Utilities entered into a Cost of Service Study with Utility Financial Solutions, LLC (UFS) of Grand Haven, MI. The study was completed and presented to the Public Utility Commission and City Council in November 2018. It was concluded that the Electric Utility was financially stable but the Water and Wastewater Utilities had rate structures that could not sustain them. There will need to be substantial increases for these utilities phased in over a few years in order to meet our goal of independent solvency for each utility service. This

Study will continue over the next few years as we make adjustments to the rates of all 3 utilities so that each can effectively support itself.

The current Electric Wholesale Power Contract will end May 31st 2019. The new contract starting June 1, 2019 will provide a reduction in the "known" costs of our wholesale power through May 2022. This should generate needed funds for the long-range projects to sustain the growth and infrastructure needs of the City of Benton.

Contacting the City's Financial Management

This financial report is designed to provide our citizens, customers, investors and creditors with a general overview of the Utility's finances. If you have any questions about this report or need additional information, contact the Utility Comptroller, Attn: Cindy Hawkins, at 1827 Dale Avenue, Benton, AR 72015, call (501) 776-5931, or e-mail at cindy@bentonar.org

Cindy Hawkins

Comptroller Benton Utilities

Yoakum, Lovell & Co., PLC

CERTIFIED PUBLIC ACCOUNTANTS

Independent Auditors' Report

Honorable Mayor and Benton Public Utility Commission Benton Municipal Light and Water Works City of Benton, State of Arkansas

We have audited the accompanying financial statements of the Benton Municipal Light and Water Works of the City of Benton, State of Arkansas, as of and for the years ended December 31, 2018 and 2017, and the related notes to the 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 an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

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

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Benton Municipal Light and Water Works of the City of Benton, State of Arkansas as of December 31, 2018 and 2017, and the changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and schedule of changes in the net pension liability and related ratios and schedule of contributions for Benton Utilities employees' pension plan on pages 1 through 4 and pages 30 through 31 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The supplementary information on pages 19 through 29 is presented for purposes of additional analysis and is not a required part of the financial statements.

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

Emphasis of Matter

As discussed in Note 1, the financial statements present only the Benton Municipal Light and Water Works and do not purport to, and do not present fairly the financial position of the City of Benton, State of Arkansas, as of December 31, 2018 and 2017, the changes in its financial position or its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Goakum, Louell & Co., PSC Certified Public Accountants

Benton, Arkansas March 19, 2019

Benton Municipal Light and Water Works City of Benton, State of Arkansas Statements of Net Position December 31, 2018 and 2017

Assets and Deferred Outflows of Resources

	2018			2017		
Current Assets						
Cash and Cash Equivalents	\$.	4,433,514	\$	3,096,019		
Utility Billings, Net of Allowance						
for Uncollectibles		4,337,339		2,324,702		
Accounts Receivable		23,241		19,431		
Prepaid Expenses		136,294		103,806		
Supplies Inventory		20,316		18,165		
Board Designated Funds		5,588,917		2,045,337_		
Total Current Assets	***************************************	14,539,621		7,607,460		
Non-Current Assets						
Restricted Funds		8,978,765		2,816,587		
Capital Assets:						
Total Plant, Property and Equipment		183,123,333		179,377,219		
Less Accumulated Depreciation		(100,169,743)		(95,091,057)		
Total Non-Current Assets		91,932,355		87,102,749		
Deferred Outflows of Resources						
Deferred Pension Outflows		1,595,154		1,779,401		
Deferred Loss on Early Retirement of Debt		665,256		725,961		
Total Deferred Outflows of Resources	•	2,260,410		2,505,362		
Total Assets and Deferred Outflows of Resources	<u>\$</u>	108,732,386	\$	97,215,571		

Liabilities, Deferred Inflows of Resources and Net Position

Current Liabilities	 2018		2017
Accounts Payable			
Customer Overpayments	\$ 1,814,399	\$	1,585,164
Meter Deposits	6,186		4,765
Accrued Compensation	2,241,031		2,064,363
	420,146		402,300
Sales Tax Payable	89,989		60,806
Accrued Interest Payable	685,837		640,483
Due to City Funds	252,824		129,500
Bonds Payable - Current Maturities	 2,635,717		1,550,427
Total Current Liabilities	 8,146,129		6,437,808
Non-Current Liabilities			
Revenue Bonds Payable, Less			
Current Maturities	46,859,896		41 COE C12
Premium on Revenue Bonds	2,722,893		41,695,613
Discount on Revenue Bonds			2,986,939
Net Pension Liability	(103,325)		(115,461)
Total Non-Current Liabilities	 2,462,533		3,281,499
, etal Well Gallett Elabilities	 51,941,997	***************************************	47,848,590
Total Liabilities	60,088,126	***************************************	54,286,398
Deferred Inflows of Resources			
Deferred Pension Inflows	979,254		656,834
Net Position			
Net Investment in Capital Assets	36,471,478		38,894,605
Restricted for Debt Service	2,881,059		1,845,553
Restricted for Capital Assets Replacement	444,056		330,551
Unrestricted	7,868,413		1,201,630
Total Net Position	 47,665,006		
	 -1 ,000,000		42,272,339
Total Liabilities, Deferred Inflows of Resources and Net Position	\$ 108,732,386	\$	97,215,571

Benton Municipal Light and Water Works City of Benton, State of Arkansas Statements of Revenues, Expenses and Changes in Net Position For the Years Ended December 31, 2018 and 2017

Service Charges and Connection Fees Penalties Other Income Total Operating Revenues Operating Expenses Power Costs Plant Production Expenses General and Distribution Expenses Administrative Expenses Depreciation Franchise Fees Other Income 40, 40, 40, 50, 40, 40, 40, 40,	960,557 \$ 665,087 258,819	32,679,421 710,542
Service Charges and Connection Fees Penalties Other Income Total Operating Revenues Operating Expenses Power Costs Plant Production Expenses General and Distribution Expenses Administrative Expenses Depreciation Franchise Fees Other Income 40, 10, 10, 11, 12, 13, 14, 15, 16, 16, 17, 18, 19, 19, 10, 10, 10, 11, 11, 11, 11, 11, 11, 11	665,087	
Penalties Other Income Total Operating Revenues Operating Expenses Power Costs Plant Production Expenses General and Distribution Expenses Administrative Expenses Depreciation Franchise Fees Other Income 40, 16, 16, Plant Production Expenses 1, General and Distribution Expenses 5, Franchise Fees 2,		710,542
Other Income 40, Total Operating Revenues 40, Operating Expenses 16, Power Costs 15, Plant Production Expenses 1, General and Distribution Expenses 4, Administrative Expenses 1, Depreciation 5, Franchise Fees 2,	258.819	,
Total Operating Revenues 40, Operating Expenses 16, Power Costs 15, Plant Production Expenses 1, General and Distribution Expenses 4, Administrative Expenses 1, Depreciation 5, Franchise Fees 2,		236,556
Operating Expenses Power Costs Plant Production Expenses General and Distribution Expenses Administrative Expenses Depreciation Franchise Fees 16, 16, 16, 17, 18, 19, 19, 19, 19, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	177,045	170,361
Power Costs 16, Plant Production Expenses 1, General and Distribution Expenses 4, Administrative Expenses 1, Depreciation 5, Franchise Fees 2,	061,508	33,796,880
Power Costs 16, Plant Production Expenses 1, General and Distribution Expenses 4, Administrative Expenses 1, Depreciation 5, Franchise Fees 2,		
General and Distribution Expenses 4, Administrative Expenses 1, Depreciation 5, Franchise Fees 2,	836,858	16,824,846
Administrative Expenses 1, Depreciation 5, Franchise Fees 2,	977,666	1,994,112
Administrative Expenses 1, Depreciation 5, Franchise Fees 2,	925,936	4,624,827
Depreciation 5, Franchise Fees 2,	,996,067	1,790,518
Franchise Fees 2,	,078,686	5,346,165
Total Operating Expenses 33,	,214,230	1,847,463
	,029,443	32,427,931
Operating Income	,032,065	1,368,949
Non-Operating Revenues (Expenses)		
	110,443	32,775
Interest Expense (1,	,723,913)	(1,758,905)
Issuance Costs of Bonds	(91,423)	
Total Non-Operating Revenues (Expenses) (1,	,704,893)	(1,726,130)
Net Loss Before Contributions and Transfers 5,	,327,172	(357,181)
Capital Contributions	65,495	1,042,697
Changes in Net Position 5,	,392,667	685,516
Total Net Position - Beginning of Year 42	,332,007	
Total Net Position - End of Year \$ 47	,272,339	41,586,823

Benton Municipal Light and Water Works City of Benton, State of Arkansas Statements of Cash Flows

For the Years Ended December 31, 2018 and 2017

		2018		2017
Cash Flows from Operating Activities Receipts from Customers Payments to Suppliers Payments to Employees Payments to City for Franchise Fees	\$	37,902,430 (20,223,935) (5,999,756) (2,090,906)	\$	33,639,276 (20,558,675) (5,939,202) (1,846,098)
Other Receipts		173,235		183,353
Net Cash Provided by Operating Activities		9,761,068		5,478,654
Cash Flow from Non-Capital Financing Activities Transfers (to) from Board Designated Funds Net Cash Provided (Used) by Non-Capital Financing Activities		(3,543,580)		1,562,281 1,562,281
Cash Flows from Capital and Related Financing Purchases of Capital Assets Principal Paid On Capital Debt Interest Paid On Capital Debt Proceeds from Revenue Bonds Issued Bond Issuance Costs Contributions from Developers Transfers from Restricted Accounts Net Cash Used by Capital and Related Financing		(3,295,907) (1,550,427) (1,869,764) 7,800,000 (91,423) 2,595 (5,985,510) (4,990,436)		(3,587,653) (1,510,846) (1,971,112) 465,073 371,814 (6,232,724)
Cash Flows from Investing Activities Interest Received Net Cash Provided by Investing Activities	Angelosside suppression and	110,443 110,443		32,775 32,775
Net Change in Cash and Cash Equivalents		1,337,495	***********	840,986
Cash and Cash Equivalents - Beginning of Year		3,096,019		2,255,033
Cash and Cash Equivalents - End of Year	\$	4,433,514	\$	3,096,019
Reconciliation of Operating Income to Net Cash Provided by Operating Activities: Operating Income (Loss) Items Not Requiring Cash:	\$	7,032,065	\$	1,368,949
Depreciation Changes in Assets and Liabilities:		5,078,686		5,346,165
Receivables, Net Prepaids Inventories Accounts Payable Accrued Expenses Net Pension Liability		(2,015,026) (32,488) (2,151) (34,748) 47,029 (312,299)		(15,724) (8,588) 3,644 (1,024,251) (82,734) (108,807)
Net Cash Provided by Operating Activities	\$	9,761,068	\$	5,478,654

Non-Cash Capital Financing Activities:

Capital assets of \$62,900 and \$577,624 were acquired through noncash contributions from street projects and developers for the years ended December 31, 2018 and 2017, respectively.

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

Note 1: Summary of Significant Accounting Policies

The financial statements of the Benton Municipal Light and Water Works have been prepared in accordance with accounting principles generally accepted in the United States of America ("GAAP"). The Governmental Accounting Standards Board ("GASB") is responsible for establishing GAAP for state and local governments through its pronouncements (statements and interpretations). The more significant of the Benton Municipal Light and Water Works' accounting policies are described below:

- A. Reporting Entity The Benton Municipal Light and Water Works (the Utilities) is a part of the City of Benton, State of Arkansas (the City). The City is governed by the Mayor Council form of government which operated the utility system in prior years through January 1, 2006. Effective February 1, 2006, a Utility Commission was created and granted full power to manage, operate, control, supervise, improve, extend, maintain, and contract concerning the utility system, subject to the authorizing legislation and certain conditions set from time to time by the City Council. The statements reflect the results of operations or three departments: light, water and waste water. Material transactions between the departments have been eliminated.
- Basis of Accounting The Benton Municipal Light and Water Works is a proprietary enterprise type fund. The financial statements are prepared on the accrual basis of accounting using the economic resources measurement focus. Their revenues are recognized when they are earned, and their expenses are recognized when they are incurred.
- **C.** Cash and Cash Equivalents For purposes of the statements of cash flows, the Utilities considers all highly liquid investments with an initial maturity of three months or less to be cash equivalents.
- **D.** Cash Deposits All cash deposits were insured or collateralized with securities held by the pledging financial institution, trust department, or by its agent in the City's name as of the balance sheet date.
- **E. Inventories** Inventories are stated at the lower of cost or market on a first-in, first-out method.
- **F. Board Designated Funds** The Utilities Board has designated that certain funds are to be deposited into separate accounts and are to be used for certain designated purposes. The funds may only be spent with the approval of the Utilities Board.
- G. Accumulated Compensated Absences It is the Utilities' policy to permit employees to accumulate a limited amount of earned but unused vacation leave, which will be paid to employees upon separation from the Utilities' services. It is the Utilities' policy to pay up to a maximum of 90 accumulated sick days to employees who retire from the Utilities. The following is a schedule of accrued compensation at December 31, 2018 and 2017, respectively:

	2018		 2017
Accrued Salaries	\$	97,629	\$ 79,434
Accrued Vacation		128,325	124,282
Accrued Sick		194,192	198,584
	\$	420,146	\$ 402,300

Note 1: Summary of Significant Accounting Policies (Cont'd)

H. Capital Assets – Capital assets, which include plant, property, equipment, and infrastructure assets, are stated at historical cost. Donated assets are valued at their fair market value on the date donated. Maintenance and repairs are charged directly against income as incurred. Renewals and betterments, which extend the useful lives of the assets, are capitalized. Interest costs incurred for specific projects are capitalized. Assets capitalized, not including infrastructure assets, have an original cost of \$5,000 or more. Infrastructure assets capitalized have an original cost of \$250,000 or more. Depreciation has been provided for primarily on the straight-line method. Estimated useful lives are as follows:

Buildings	10 - 40 years
Vehicles	3 - 5 years
Furniture	3 - 10 years
Equipment and service	3 - 40 years

I. Net Position – The Utilities must report its net position as either restricted, unrestricted, or net investment in capital assets. These components of net position are defined below:

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

<u>Restricted</u> – This component of net position consists of constraints imposed by creditors, grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

<u>Unrestricted</u> – This component of net position consists of the remaining balance in net position that does not meet the definition of restricted or net investment in capital assets.

- J. Use of Estimates Management uses estimates and assumptions in preparing financial statements. Those estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities, and the reported amounts of revenues and expenses. Actual results could differ from those estimates.
- **K.** Capitalized Interest Interest costs are capitalized when incurred by the Utilities on debt where proceeds were used to finance the construction of assets.

Note 2: Board Designated Funds

The Benton Public Utilities Board has designated the following funds as of December 31, 2018 and 2017:

		2018	 2017	
Public Utility Reservoir Contingent Fund Public Utility Emergency Fund	\$	501,157 3,007,569	\$ 92,565 1,179,407	
Water System Capital Improvement Fund Electric Capital Improvement Fund		601,459 601,123	568,802 27,914	
Facilities Capital Improvement Fund Wastewater Capital Improvement Fund		25,049 601,230	3,815 171,120	
Alcoa Road Relocation and Improvement Fund Economic Development Fund	Accinocacione	671 <u>250,659</u>	 665 1,049	
	\$	<u>5,588,917</u>	\$ 2,045,337	

Note 2: Board Designated Funds (Cont'd)

Board designated funds consist of funds in depository accounts. The carrying value is the market value for these accounts.

Note 3: Restricted Funds

The restricted funds as of December 31, 2018 and 2017 are as follows:

	 2018		
Bond Funds	\$ 1,032,823	\$	680,834
Debt Service Funds	2,534,073		1,805,202
Depreciation Fund	444,056		330,551
Construction Fund	4,967,813		•
Total Restricted Funds	\$ 8,978,765	\$	2,816,587

Restricted funds consist of funds in depository accounts and Treasury and Government Obligations. It is management's intent to hold the obligations to maturity, therefore the notes are carried at cost which approximates fair value.

Note 4: Capital Assets

The following is a summary of capital assets as of December 31, 2018 and 2017:

		Balance 12/31/17	_Add	ditions_	Deletions		Transfers		Balance 12/31/18
Land Buildings - Administrative Vehicles	\$	1,048,248 2,052,673 3,307,723	\$	175,462	\$	\$		\$	1,048,248 2,052,673 3,783,185
Furniture and Office Equipment Service Facilities and		178,795		70,102					178,795
Equipment Construction Materials		170,688,864 1,114,420		248,075			2,219,504 (233,499)	1	73,156,443 880,921
Construction in Process		986,496	3,0	22,577	W-144		(1,986,005)		2,023,068
	\$	179,377,219	\$ 3,7	46,114	\$	\$		\$ 1	83,123,333
	-	Balance 12/31/16	_Add	litions	Deletions		Transfers		Balance 12/31/17
Land Buildings - Administrative Vehicles Furniture and Office	\$	1,000,642 1,000,466 3,307,723	\$	47,606	\$	\$	1,052,207	\$	1,048,248 2,052,673 3,307,723
Equipment Service Facilities and		175,781		3,014					178,795
Equipment Construction Materials		165,238,122 1,628,764	5	98,725			4,852,017 (514,344)	1	70,688,864 1,114,420
Construction in Process		2,665,575	3,7	10,801			(5,389,880)		986,496
			*************			********	,		

Note 5: Supplemental Cash Flow Disclosure

The interest paid in the years ended December 31, 2018 and 2017 was \$2,029,510 and \$1,968,164, respectively.

Note 6: Revenue Bonds Payable

The interest rates and maturity dates of the revenue bonds payable as of December 31, 2018 are as follows:

Issue of March 6, 2009 Issue of April 1, 2012	2.75% 1.00% to 5.00%	6/01/2034 9/01/2036
Issue of July 1, 2015	2.00% to 5.00%	9/01/2036
Issue of January 30, 2018	2.27%	9/01/2025

The following schedule details the changes in revenue bonds payable for the years ending December 31:

	2018	2017		2016
Beginning Balance	\$ 43,246,040	\$ 44,756,886	\$	46,212,312
Issued	7,800,000			
Retired	(1,550,427)	 (1,510,84 <u>6</u>)		(1,455,426)
Ending Balance	\$ 49,495,613	\$ 43,246,040	<u>\$</u>	44,756,886

Maturities of revenue bonds as of December 31, 2018 are as follows:

		Interest and	
	Principal	Service Fees	Total
2019	\$ 2,635,717	\$ 2,061,153	\$ 4,696,870
2020	2,706,013	1,989,699	4,695,712
2021	2,781,318	1,916,319	4,697,637
2022	2,871,631	1,824,062	4,695,693
2023	2,976,954	1,720,143	4,697,097
2024-2028	12,869,917	6,950,204	19,820,121
2029-2033	13,159,418	4,233,157	17,392,575
2034-2036	9,494,645	888,814	<u> 10,383,459</u>
	\$ 49,495,613	\$ 21,583, <u>551</u>	<u>\$ 71,079,164</u>

Bond Premium – The series 2012 and 2015 revenue bonds were issued at a premium. The interest method of amortization is used to amortize the premium, based on the effective interest rate of the issue. The amount amortized for the years ended December 31, 2018 and 2017 was \$264,044 and \$272,261, respectively. The amortization is included in interest expense on the statement of revenues and expenses.

Bond Discount – The series 2012 revenue bonds were issued at a discount. The interest method of amortization is used to amortize the discount, based on the effective interest rate of the issue. The amount amortized for the years ended December 31, 2018 and 2017 was \$12,135 and \$12,983, respectively. The amortization is included in interest expense on the statement of revenues and expenses.

Note 6: Revenue Bonds Payable (Cont'd)

Loss from Early Retirement of Debt — The Benton Utilities Commission on December 12, 2011 requested and received a resolution dated December 19, 2011 from the Benton City Council for the issuance of a 2012 Refunding and Improvement Bond Issue. The bonds were issued April 1, 2012. The proceeds of the \$24,600,000 issue refunded the 1995, 1997, 2001a, 2002, 2004a and 2004b bonds outstanding. The Benton Utilities Commission requested and received a resolution dated June 8, 2015 from the Benton City Council for the issuance of a 2015 Refunding Bond Issue. The bonds were issued July 1, 2015. The proceeds of the \$25,625,000 issue refunded the 2006 bonds outstanding. The difference between the book value of the refunded debt and the amount required to retire the debt created an economic loss of \$89,795 for the 2012 refunding and \$810,515 for the 2015 refunding. Each respective loss was deferred over the life of the refunded debt using the interest method of amortization, based on the effective interest rate. The amount amortized for the years ended December 31, 2018 and 2017 was \$60,705 and \$61,749, respectively. For the years ended December 31, 2018 and 2017, this amortization is included in interest expense on the statement of revenues and expenses.

Note 7: Retirement Plan

The employees of the Benton Municipal Light and Water Works are covered by a single-employer defined benefit plan which covers all full-time employees who have six months of service.

The plan is administered by Simmons First Trust Company. The financial statements and disclosures for the plan are included in a stand-alone financial report provided by the actuary. As of the date of this report, the stand-alone financial report for 2018 is not available.

For financial statement purposes, the Utilities has recorded net pension liability and net pension inflows and outflows for the year ending December 31, 2017 using December 31, 2016 actuarial information and recorded net pension liability and net pension inflows and outflows for the year ending December 31, 2018 using December 31, 2017 actuarial information.

Membership in the plan as of December 31, 2017, is as follows:

Retirees	and	beneficiaries	currently	receivina	
benefits	3		,	3	61
Vested te	rmina	ted employees			24
Current e					
Total	,	000			<u>83</u>
i Otal					<u>168</u>

The plan provides retirement benefits as well as disability benefits. Benefits begin vesting at five years of service and are 100 percent vested at fifteen years of service. All employees are entitled to a retirement benefit based on their period of service.

For services prior to October 31, 1968, benefits are based on .5% of monthly compensation and .5% of average monthly compensation in excess of \$400 multiplied by years of service from date of hire to October 31, 1968. For service between October 31, 1968 and December 31, 1989, benefits are based on 2% of average monthly compensation and .75% of average monthly compensation in excess of \$400 multiplied by years of service from the later of October 31, 1969 to December 31, 1989. For services after December 31, 1989, benefits are based on 2.75% of average monthly compensation multiplied by years of service (maximum 30 years) to normal retirement date.

Note 7: Retirement Plan (Cont'd)

Employees may take early retirement between 55 and 65. The employee must complete ten years of service and be at least 55 years of age to be eligible for benefits. The early retirement pension is the actuarial equivalent of the accrued benefits at normal retirement age.

Employees hired before December 31, 2011 make no contribution to the plan. For employees hired after December 31, 2011, 2% of compensation is contributed until January 1 following date of hire and 4% contribution thereafter. No employee contributes after thirty years of service. The Benton Municipal Light and Water Works' contribution is actuarially determined.

The following is a schedule of changes in the employers' net pension liability and related ratios for years ending December 31:

,		2017		2016		2015
Total Pension Liability	-		-			
Service Cost	\$	382,204	\$	390,180	\$	340,980
Service Transfer				4,256		(884,253)
Interest		1,136,662		1,114,521		1,144,187
Differences Between Actual and						
Expected Experience		71,899		(363,881)		(297,057)
Benefit Payments	<u></u>	(871,006)		(770,590)	_	(723,117)
Net Change in Total Pension Liability	\$	719,759	\$	374,486	\$	(419,260)
Total Pension Liability – Beginning	\$	16,291,333	æ	15,916,847	\$	16,336,107
Total Pension Liability – Ending	\$	17,011,092	<u>\$</u> \$	16,291,333		15,916,847
rotal rondon Elability Erraing	Ψ	17,011,002	Ψ_	10,201,000	Ψ_	10,010,047
Plan Fiduciary Net Position						
Contributions – Employee Mandatory	\$	64,199	\$	49,641	\$	38,301
Contributions – Employer		913,740		685,000		700,012
Service Transfer				4,256		(884,253)
Net Investment Income		1,431,792		939,583		(493,083)
Benefits Payments		(871,006)		(770,590)		(723,117)
Net Change in Plan Net Position	\$	1,538,725	\$	907,890	\$	(1,362,140)
· ·	•	<i>i</i> o one on <i>i</i>	•	10 10 10 11	_	
Net Position – Beginning	\$_	13,009,834	\$	12,101,944		13,464,084
Net Position – Ending	\$	14,548,559	\$	13,009,834	\$	12,101,944

The long-term expected rate of return on pension plan investments was determined using a building block method of best-estimate ranges of expected future real rates of return. The target allocation of the plan is shown below:

Asset Class	Target Allocation	Long Term Expected Rate of Return
Fixed Income	30%	2.25%
Domestic Equity	50%	4.75%
Foreign Equity	5%	6.25%
Alternatives	8%	4.50%
Cash	7%	0.25%
Total	100%	
Expected Inflation		3.00%

Note 7: Retirement Plan (Cont'd)

The annual required contribution for 2018 was determined as part of the January 1, 2018, actuarial valuation using the entry age normal cost method. The actuarial assumptions included 7.0% investment rate of return and a projected salary increase of 2.0% annually. The assumptions did not include postretirement benefits increases. The actuarial value of assets was based on the fair market value.

The 1983 Group Annuity Mortality Table was used for life expectancy. The unfunded actuarial accrued liability is being amortized as a level percentage of projected payroll on an open basis. A single discount rate of 7.0% was used to measure the total pension liability. This single discount rate was based on the expected rate of return on pension plan investments of 7.0%. Regarding the sensitivity of the net pension liability to changes in the single discount rate the following presents the plan's net pension liability, calculated using a single discount rate of 7.0% as well as what the plan's net pension liability would be if it were calculated using a single discount rate that is one percentage point lower or one percentage point higher:

	1%	Current	1%
	Decrease	Single Rate	Increase
	to 6.0%	Assumed	to 8.0%
Total Pension Liability	\$ 19,563,637	\$ 17,011,092	\$ 15,455,292
Net Pension Liability	\$ 5,015,078	\$ 2,462,533	\$ 906,733

Deferred outflows of resources and deferred inflows of resources related to pensions were from the following sources:

	Oi	Deferred utflows of esources	Deferred Inflows of Resources	
Difference between expected and actual experience Net difference between projected and actual earnings	\$	64,709	\$	509,142
on pension plan investments Contributions subsequent to measurement date		574,441 956,004		470,112
	\$	1,595,154	\$	979,254

Contributions made subsequent to the measurement date will be reversed in the year ending December 31, 2019. Amounts reported as deferred outflows of resources and deferred inflows of resources related to pension will be recognized in pension expense in the financial statements as follows:

Years ended December 31:	2019	\$ 1,055,473
	2020	99,470
	2021	(187,751)
	2022	(169,010)
	2023	(65,539)
	Thereafter	 (116,743)
		\$ 615,900

Note 8: Subsequent Events

Management has evaluated subsequent events through March 19, 2019, the date which the financial statements were available to be issued.

Note 9: Related Party Transactions

The Utilities pays a franchise fee to the City and reimburses and receives reimbursement from the City for certain shared costs. The Utilities owed the City \$252,824 and \$129,500 at December 31, 2018 and 2017, respectively. For the years ended December 31, 2018 and 2017, the Utilities had franchise fee expense to the City of \$2,214,230 and \$1,847,463, respectively.

Note 10: Reclassifications

Certain accounts in the prior year financial statements have been reclassified for comparative purposes to conform with the presentation in the current year financial statements.

Benton Municipal Light And Water Works City of Benton, State of Arkansas Schedule of Operating, Board Designated and Restricted Funds December 31, 2018 and 2017

Operating Funds	****	2018	-	2017
Cash on Hand	\$	2,500	\$	2.500
Demand Deposits - General Operating Accounts	φ	2,500	Ф	2,500
Bank of the Ozarks		1,537,478		1,673,268
First Security Bank		2,893,536		1,420,251
Total Operating Funds	***************************************	4,433,514	-	3,096,019
Board Designated			***************************************	0,000,010
Reservoir Contingent Fund - First Security Bank		501,157		00.505
Utility Emergency Fund - First Security Bank		3,007,569		92,565
Water System Capital Improvement Fund - Bank of the Ozarks		601,459		1,179,407 568,802
Electric Capital Improvement Fund - Bank of the Ozarks		601,123		27,914
Facilities Capital Improvement Fund - Bank of the Ozarks		25,049		3,815
Wastewater Capital Improvement Fund - Bank of the Ozarks		601,230		171,120
Alcoa Road Utilities Relocation Fund - Bank of the Ozarks		671		665
Economic Development Fund - Bank of the Ozarks		250,659		1,049
Total Board Designated	***************************************	5,588,917	*******	2,045,337
Restricted Funds Bond Funds 03/06/09 Issue - Regions Corporate Trust 04/01/12 Issue - US Bank Trust 01/30/18 Issue - Regions Corporate Trust Total Bond Funds		1,423 365,177 666,223 1,032,823		1,366 679,468 680,834
Depreciation Fund Public Utilities - First Security Bank		444,056		330,551
Debt Service Escrow Funds 04/01/12 Issue - US Bank Trust	***************************************	1,153,313	-	1,138,138
07/01/15 Issue - Simmons Trust		776,985		667,064
01/30/18 Issue - Regions Corporate Trust		603,775		400,100
Total Debt Service Escrow Funds	***************************************	2,534,073	w	1,805,202
Construction Fund 01/30/18 Issue - Regions Corporate Trust		4,967,813	Action to the second	.,
Total Restricted Funds		8,978,765	***************************************	2,816,587
Total Operating, Designated and Restricted Funds	\$	19,001,196	\$	7,957,943

Benton Municipal Light and Water Works City of Benton, State of Arkansas Departmental Statements of Revenues and Expenses For the Years Ended December 31, 2018 and 2017

	2018	2017	2018	2017	2018	2017	Eliminations	ations	2018	2017
:	Dept.	Ligni Dept.	water Dept.	water Dept.	Waste Water Dept.	Waste Water Dept.	2018	2017	Combined Total	Combined Total
Kevenue - Operations Fees Service Charges and	\$ 28,312,242	\$ 22,864,171	\$ 6,127,656	\$ 5,564,822	\$ 5,822,507	\$ 5,376,602	\$ (1,301,848)	\$ (1,126,174)	\$ 38,960,557	\$ 32,679,421
Connection Fees	324,776	270,710	161,126	194,099	179,185	245,733			665,087	710,542
Other Income	146,587	110,728	7,751	31,521	22,707	28,112			258,819 177,045	236,556
Total Revenue - Operations	28,956,777	23,397,157	6,332,008	5,825,205	6,074,571	5,700,692	(1,301,848)	(1,126,174)	40,061,508	33,796,880
Expenses - Operations Power Costs	16,836,858	16,824,846							16,836,858	16,824,846
Plant Production General and Distribution	2.426.381	2 507 892	1,367,241	1,337,906	1,768,369	1,640,208	(1,157,944)	(984,002)	1,977,666	1,994,112
Administrative	702,290	612,637	638,864	582.249	659.452	599,147	(4.539)	(3.515)	1 996 067	4,024,02/
Depreciation	1,127,716	1,084,487	1,647,712	1,668,173	2,303,258	2,593,505	(() ()	5.078,686	5.346.165
Franchise Fees	1,552,144	1,235,480	328,029	301,216	334,057	310,767			2.214,230	1.847.463
Total Expenses - Operations	22,645,389	22,265,342	5,218,641	5,016,777	6,467,261	6,271,986	(1,301,848)	(1,126,174)	33,029,443	32,427,931
Operating Income (Loss)	6,311,388	1,131,815	1,113,367	808,428	(392,690)	(571,294)			7,032,065	1,368,949
Non-Operating Revenues (Expenses) Interest Income	67,459	20.247	31.391	9.476	11 593	3 052	·		110 443	32 776
Interest Expense	(76,923)	(80,454)	(419,844)	(439,160)	(1,227,146)	(1,239,291)			(1,723,913)	(1,758,905)
(Expenses)	(9,464)	(60,207)	(388,453)	(429,684)	(1,215,553)	(1,236,239)			(1,613,470)	(1,726,130)
Net Income (Loss) Before Contributions and Transfers	\$ 6,301,924	\$ 1,071,608	\$ 724,914	\$ 378,744	\$ (1,608,243)	\$ (1,807,533)			5,418,595	(357,181)
Capital Contributions Bond Issuance Costs									65,495 (91,423)	1,042,697
Change in Net Position									\$ 5,392,667	\$ 685,516

Benton Municipal Light and Water Works City of Benton, State of Arkansas Schedule of Plant Production and Treatment Expenses For the Year Ended December 31, 2018

	 Water Dept.	***************************************	Waste Water Dept.	 Combined Total
Salaries	\$ 411,224	\$	427,615	\$ 838,839
Fringe Benefits	195,621		185,964	381,585
Vehicle Operations	9,862		20,779	30,641
Building Maintenance	28,974		22,867	51,841
Equipment Repairs	38,525		159,476	198,001
Office Supplies	896		1,804	2,700
Janitorial Supplies and Services	4,069		2,415	6,484
Computer Supplies	494		1,073	1,567
Chemicals	129,365		23,055	152,420
Laboratory	10,120		27,395	37,515
Electric, Water and Waste Water	426,164		731,910	1,158,074
Miscellaneous	8,721		69,397	78,118
Heat - Natural Gas	2,169		32,402	34,571
Telephone	2,932		4,322	7,254
Equipment Rental	1,323		376	1,699
Small Tool Expense	1,125		3,355	4,480
Professional and Consulting	52,770		1,355	54,125
Insurance	37,095		45,528	82,623
Small Equipment Expense	5,792		7,281	13,073
Total	\$ 1,367,241	\$	1,768,369	\$ 3,135,610

Benton Municipal Light and Water Works City of Benton, State of Arkansas Schedule of General, Distribution and Collection Expenses For the Year Ended December 31, 2018

			Waste	
	Light	Water	Water	Combined
	Dept.	Dept.	Dept.	Total
Calaria				
Salaries	\$ 1,181,951	\$ 593,205	\$ 471,259	\$ 2,246,415
Fringe Benefits	496,891	286,337	205,706	988,934
Vehicle Operations	95,070	70,136	55,652	220,858
Building Maintenance	8,572	637	4,917	14,126
Line Maintenance	116,670	148,689	59,611	324,970
Equipment Repairs	5,694	6,410	9,224	21,328
Street light Repairs	47,431			47,431
Lift Station Maintenance			328,485	328,485
Office Supplies	1,006	488	1,372	2,866
Janitorial Supplies and Services	9,458	3,401	1,217	14,076
Computer Supplies	1,747	153	797	2,697
Computer Services	16,286	334	814	17,434
Natural Gas	3,607	2,293	325	6,225
Electric, Water and Waste Water	11,462	10,751	143,899	166,112
Miscellaneous	29,796	9,385	14,027	53,208
Telephone	11,277	7,724	3,972	22,973
Equipment Rental	109	239	109	457
Small Tool Expense	15,808	3,838	1,968	21,614
Professional and Consulting	334,935	82,238	81,519	498,692
Insurance	25,784	6,600	12,178	44,562
Small Equipment Expense	12,827	3,937	5,074	
Total	\$ 2,426,381			21,838
i otal	Ψ 4,420,301	\$ 1,236,795	\$ 1,402,125 ————————————————————————————————————	\$ 5,065,301

Benton Municipal Light and Water Works City of Benton, State of Arkansas Schedule of Administrative Expenses For the Year Ended December 31, 2018

	Light Dept.	 Water Dept.		Waste Water Dept.	Combined Total	
Salaries Fringe Benefits Vehicle Operations Building Maintenance Equipment Repairs Office Supplies Postage Janitorial Supplies and Services Computer Supplies Computer and Billing Services Electricity, Water and Waste Water Miscellaneous Heat - Natural Gas Telephone Professional and Consulting Customer Collection Expense Insurance Small Equipment Expense	\$ 293,636 122,971 6,013 3,212 8,493 13,047 27,906 469 928 37,928 1,513 24,491 246 7,858 74,630 3,129 795 40	\$ 293,636 122,971 6,013 3,212 8,493 13,047 27,906 469 928 37,928 1,513 24,491 246 7,858 74,630 3,129 795 40	\$	293,637 122,972 6,012 3,212 8,492 13,048 27,906 469 929 37,928 1,513 24,498 247 7,858 74,630 3,130 796 40	\$	880,909 368,914 18,038 9,636 25,478 39,142 83,718 1,407 2,785 113,784 4,539 73,480 739 23,574 223,890 9,388 2,386 120
Bad Debt Expense Total	\$ 74,985 702,290	\$ 11,559 638,864	\$	32,135 659,452	\$	118,679 2,000,606
Total	 	 ,	<u> </u>			

Benton Municipal Light and Water Works City of Benton, State of Arkansas Supplemental Water and Sewer Disclosures

The following is a summary of water and sewer rates and usage information for the system at December 31, 2018:

Sewer Monthly Rates

- (a) 0-2 mg minimum average water usage \$13.10
- (b) All over 2 mg minimum average water usage \$13.10 minimum, plus \$5.25 per mg for all over 2 mg, out of city limits \$22.93 minimum and \$9.19 mg for all over 2 mg.
- (c) New residential customers charged \$30.00 per month until six (6) winter month's time frame established.
- (d) Commercial/industrial customers will be based on actual monthly water usage unless a levelized bill is approved by the utilities general manager.
- (e) Those sewer customers moving from one location to another on the city system, and having a previously established six (6) winter months usage time frame at the old location, shall have the sewer rate for their previous location continued at their new location.

Number of Sewer Users

	2018
Residential	13,880
Commercial	1,243
Industrial	18
	15,141

Annual Billable Water	2018 <u>Gallons (000s)</u>
Total annual billable water Less water billable to non-sewer customers Net billable to sewer customers	1,434,912 (369,324) 1,065,588
Residential Commercial Industrial Total water billable to sewer customers	775,234 211,226 79,128 1,065,588

Benton Municipal Light and Water Works City of Benton, State of Arkansas Revenue Bond Amortization Schedule Issue Dated March 6, 2009

Maturity			Principal
Date	Principal	Interest	Outstanding
	\$	\$	\$ 200,613
06/01/2019	5,322	2,758	195,291
12/01/2019	5,395	2,685	189,896
06/01/2020	5,469	2,611	184,427
12/01/2020	5,544	2,536	178,883
06/01/2021	5,620	2,460	173,263
12/01/2021	5,698	2,382	167,565
06/01/2022	5,776	2,304	161,789
12/01/2022	5,855	2,225	155,934
06/01/2023	5,936	2,144	149,998
12/01/2023	6,018	2,062	143,980
06/01/2024	6,100	1,980	137,880
12/01/2024	6,184	1,896	131,696
06/01/2025	6,269	1,811	125,427
12/01/2025	6,355	1,725	119,072
06/01/2026	6,443	1,637	112,629
12/01/2026	6,531	1,549	106,098
06/01/2027	6,621	1,459	99,477
12/01/2027	6,712	1,368	92,765
06/01/2028	6,804	1,276	85,961
12/01/2028	6,898	1,182	79,063
06/01/2029	6,993	1,087	72,070
12/01/2029	7,089	991	64,981
06/01/2030	7,187	893	57,794
12/01/2030	7,285	795	50,509
06/01/2031	7,386	694	43,123
12/01/2031	7,487	593	35,636
06/01/2032	7,590	490	28,046
12/01/2032	7,694	386	20,352
06/01/2033	7,800	280	12,552
12/01/2033	7,907	173	4,645
06/01/2034	4,645	64	.,•
00/01/2004	\$ 200,613	\$ 46,496	
	φ 200,013	Ψ 40,430	

Benton Municipal Light and Water Works City of Benton, State of Arkansas Revenue Bond Amortization Schedule Issue Dated April 1, 2012

Maturity			Principal
Date	Principal	Interest	Outstanding
	\$	\$	\$ 16,600,000
03/01/2019		363,725	16,600,000
09/01/2019	825,000	363,725	15,775,000
03/01/2020		351,350	15,775,000
09/01/2020	845,000	351,350	14,930,000
03/01/2021		338,675	14,930,000
09/01/2021	875,000	338,675	14,055,000
03/01/2022		321,175	14,055,000
09/01/2022	910,000	321,175	13,145,000
03/01/2023		302,975	13,145,000
09/01/2023	945,000	302,975	12,200,000
03/01/2024		284,075	12,200,000
09/01/2024	985,000	284,075	11,215,000
03/01/2025		259,450	11,215,000
09/01/2025	1,030,000	259,450	10,185,000
03/01/2026		233,700	10,185,000
09/01/2026	1,090,000	233,700	9,095,000
03/01/2027		206,450	9,095,000
09/01/2027	1,140,000	206,450	7,955,000
03/01/2028		177,950	7,955,000
09/01/2028	1,190,000	177,950	6,765,000
03/01/2029		154,894	6,765,000
09/01/2029	1,240,000	154,893	5,525,000
03/01/2030		130,869	5,525,000
09/01/2030	1,290,000	130,869	4,235,000
03/01/2031		105,875	4,235,000
09/01/2031	625,000	105,875	3,610,000
03/01/2032		90,250	3,610,000
09/01/2032	655,000	90,250	2,955,000
03/01/2033		73,875	2,955,000
09/01/2033	685,000	73,875	2,270,000
03/01/2034		56,750	2,270,000
09/01/2034	720,000	56,750	1,550,000
03/01/2035		38,750	1,550,000
09/01/2035	755,000	38,750	795,000
03/01/2036		19,875	795,000
09/01/2036	795,000	19,875	
	\$ 16,600,000	\$ 7,021,325	

Benton Municipal Light and Water Works City of Benton, State of Arkansas Revenue Bond Amortization Schedule Issue Dated July 1, 2015

Maturity			Principal
Date	Principal	Interest	Outstanding
	\$	\$	\$ 24,895,000
03/01/2019		575,600	24,895,000
09/01/2019	760,000	575,600	24,135,000
03/01/2020		564,200	24,135,000
09/01/2020	785,000	564,200	23,350,000
03/01/2021		552,425	23,350,000
09/01/2021	805,000	552,425	22,545,000
03/01/2022		536,325	22,545,000
09/01/2022	840,000	536,325	21,705,000
03/01/2023		515,325	21,705,000
09/01/2023	880,000	515,325	20,825,000
03/01/2024		493,325	20,825,000
09/01/2024	920,000	493,325	19,905,000
03/01/2025		470,325	19,905,000
09/01/2025	970,000	470,325	18,935,000
03/01/2026		455,775	18,935,000
09/01/2026	995,000	455,775	17,940,000
03/01/2027		435,875	17,940,000
09/01/2027	1,035,000	435,875	16,905,000
03/01/2028		410,000	16,905,000
09/01/2028	1,095,000	410,000	15,810,000
03/01/2029		382,625	15,810,000
09/01/2029	1,145,000	382,625	14,665,000
03/01/2030		354,000	14,665,000
09/01/2030	1,200,000	354,000	13,465,000
03/01/2031		324,000	13,465,000
09/01/2031	1,980,000	324,000	11,485,000
03/01/2032		274,500	11,485,000
09/01/2032	2,080,000	274,500	9,405,000
03/01/2033		222,500	9,405,000
09/01/2033	2,185,000	222,500	7,220,000
03/01/2034		167,875	7,220,000
09/01/2034	2,290,000	167,875	4,930,000
03/01/2035		110,625	4,930,000
09/01/2035	2,405,000	110,625	2,525,000
03/01/2036		50,500	2,525,000
09/01/2036	2,525,000	50,500	
	\$ 24,895,000	\$ 13,791,600	

Benton Municipal Light and Water Works City of Benton, State of Arkansas Revenue Bond Amortization Schedule Issue Dated January 30, 2018

Maturity			Principal
Date	Principal	Interest	Outstanding
	\$	\$	\$ 7,800,000
03/01/2019		88,530	7,800,000
09/01/2019	1,040,000	88,530	6,760,000
03/01/2020		76,726	6,760,000
09/01/2020	1,065,000	76,726	5,695,000
03/01/2021		64,638	5,695,000
09/01/2021	1,090,000	64,638	4,605,000
03/01/2022		52,267	4,605,000
09/01/2022	1,110,000	52,267	3,495,000
03/01/2023		39,668	3,495,000
09/01/2023	1,140,000	39,668	2,355,000
03/01/2024		26,729	2,355,000
09/01/2024	1,165,000	26,729	1,190,000
03/01/2025		13,507	1,190,000
09/01/2025	1,190,000	13,507	
	\$ 7,800,000	\$ 724,130	

Benton Municipal Light and Water Works City of Benton, State of Arkansas Estimated Debt Service Coverage

Year	ži-				
Ending	03/06/2009	4/1/2012	7/1/2015	1/30/2018	Total
12/31	 Bonds	Bonds	Bonds	Bonds	Bonds
2019	\$ 16,160	\$ 1,552,450	\$ 1,911,200	\$ 1,217,060	\$ 4,696,870
2020	16,160	1,547,700	1,913,400	1,218,452	4,695,712
2021	16,160	1,552,350	1,909,850	1,219,276	4,697,636
2022	16,160	1,552,350	1,912,650	1,214,534	4,695,694
2023	16,160	1,550,950	1,910,650	1,219,336	4,697,096
2024	16,160	1,553,150	1,906,650	1,218,458	4,694,418
2025	16,160	1,548,900	1,910,650	1,217,014	4,692,724
2026	16,160	1,557,400	1,906,550		3,480,110
2027	16,160	1,552,900	1,906,750		3,475,810
2028	16,160	1,545,900	1,915,000		3,477,060
2029	16,160	1,549,787	1,910,250		3,476,197
2030	16,160	1,551,738	1,908,000		3,475,898
2031	16,160	836,750	2,628,000		3,480,910
2032	16,160	835,500	2,629,000		3,480,660
2033	16,160	832,750	2,630,000		3,478,910
2034	4,709	833,500	2,625,750		3,463,959
2035		832,500	2,626,250		3,458,750
2036		 834,750	2,626,000		3,460,750
Totals	\$ 247,109	\$ 23,621,325	\$ 38,686,600	\$ 8,524,130	\$ 71,079,164

Benton Municipal Light and Water Works
City of Benton, State of Arkansas
Required Supplementary Information
Schedule of Changes in the Net Pension Liability and Related Ratios
Benton Utilities Employees' Pension Plan

		12/31/17		12/31/16		12/31/15		12/31/14		12/31/13		12/31/12
Total Pension Liability												
Service Cost Service Transfer	⇔	382,204	θ	390,180 4,256	↔	340,980 (884,253)	↔	335,144	↔	337,147	↔	307,809
Interest Difference Retween Actual and		1,136,662		1,114,521		1,144,187		1,074,426		1,038,990		959,291
Expected Experience Benefit Payments		71,899 (871,006)		(363,881)		(297,057)		116,426 (742.510)		(164,843)		498,699
Net Change in Total Pension Liability	ક	719,759	€ S	374,486	\$	(419,260)	€	783,486	8	545,657	69	1,147,634
Total Pension Liability - Beginning Total Pension Liability - Endina	क	16,291,333	↔ 6.	15,916,847	65 65	16,336,107	€ €	15,552,621	မာမ	15,006,964	€ 6	13,859,330
Plan Fiduciary Net Position			11		1				→	10,002,021	1	2,000,004
Contributions - Employee Mandatory Contributions - Employer	↔	64,199	↔	49,641	↔	38,301	↔	29,480	↔	14,000	↔	2,263
Service Transfer				4,256		(884,253)		200		000,000		7.53,000
Net Investment Income		1,431,792		939,583		(493,083)		620,952		1,554,607		918,794
benefits Payments		(871,006)		(770,590)		(723,117)		(742,510)		(665,637)		(618, 165)
Net Change in Plan Net Position	↔	1,538,725	↔	907,890	↔	(1,362,140)	↔	657,922	↔	1,602,970	↔	1,027,892
Plan Fiduciary Net Position - Beginning	8	13,009,834		12,101,944		13,464,084		12,806,162	↔	11,203,192	l	10,175,300
Plan Fiduciary Net Position - Ending		14,548,559	⇔ ∥	13,009,834	` 	12,101,944	↔	13,464,084	မှာ	12,806,162	\$	11,203,192
Net Pension Liability - Ending	6	2,462,533	8	3,281,499	မှ	3,814,903	↔	2,872,023	↔	2,746,459	છ	3,803,772
Plan Fiduciary Net Position as a Percentage of Total Pension Liability		85.52%		79.86%		76.03%		82.42%		82.34%		74.65%
Covered Payroll	₩	3,790,429	क	3,712,310	ь	3,758,978	↔	3,223,284	↔	3,236,306	↔	3,263,281
Net Pension Liability as a Percentage of Payroll		64.97%		88.40%		101.49%		89.10%		84.86%		116.56%

Benton Municipal Light and Water Works City of Benton, State of Arkansas Required Supplementary Information Schedule of Contributions Benton Utilities Employees' Pension Plan

Contribution as a % of Payroll (b/c)	23.17% 18.62% 18.45% 24.11%
Covered Payroll (c)	3,236,306 3,758,978 3,712,310 3,790,429
	() () () () () () () () () () () () () ()
Contribution Deficiency (Excess)	(52,776) 16,646 196,587 (123,261)
S □ □	\$\$ \$\$
Actual Contribution (b)	750,000 700,012 685,000 913,740
ပို	\$\$ \$\$ \$\$
Actuarially Determined Contribution (a)	697,224 716,658 881,587 790,479
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Acturial Valuation Date	12/31/14 12/31/15 12/31/16 12/31/17