

CAMPBELL COUNTY UTILITIES AND SERVICE AUTHORITY LYNCHBURG, VIRGINIA

COMPREHENSIVE ANNUAL FINANCIAL REPORT FISCAL YEAR ENDED JUNE 30, 2016



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The Accounting Department

Comprehensive Annual Financial Report Fiscal Year Ended June 30, 2016

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### **AUTHORITY MEMBERS**

James R. Marstin - Chairman

Wilson L. Dickerson - Vice-Chairman

Calvin Adams

Carter S. Elliott, Jr.

Joseph Kirkland

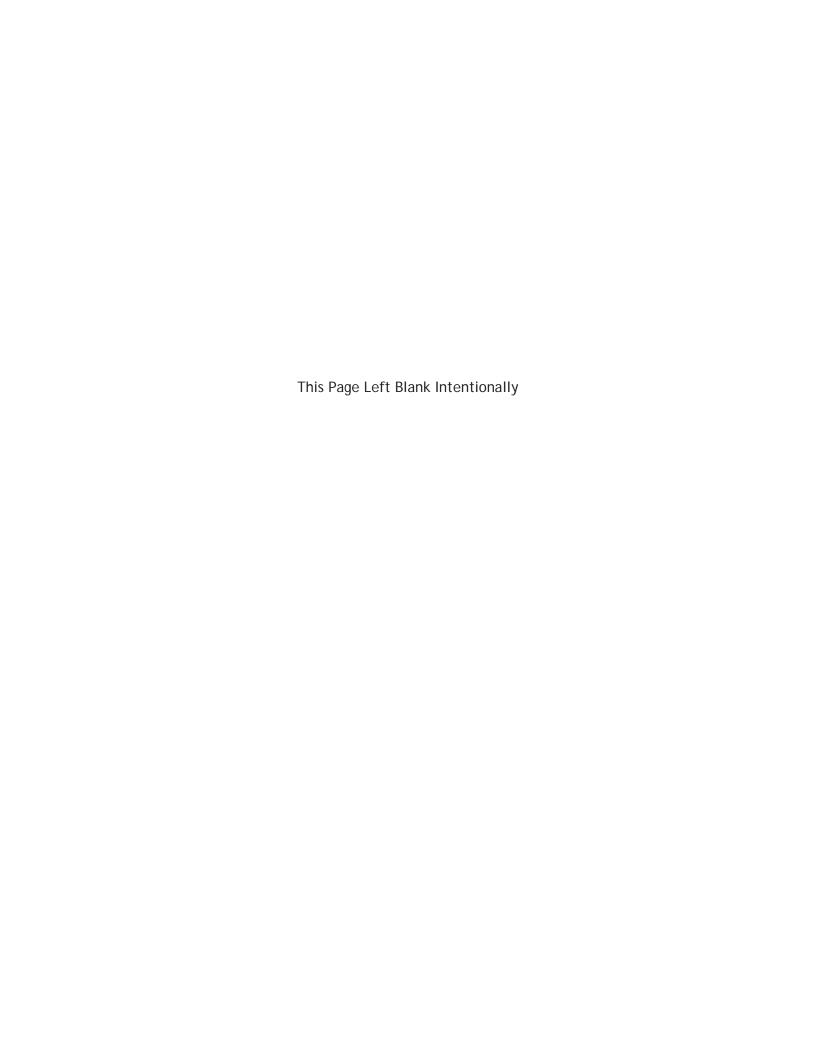
William R. Moore

Daniel L. Richardson

Frank L. Davis, Jr. - Administrator

April Farmer - Treasurer

Wendy Meese - Secretary



### **CAMPBELL COUNTY**

**ADMINISTRATOR**FRANK L. DAVIS, JR.
fdavis@ccusa-water.com



TELEPHONE (434) 239-8654

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### UTILITIES AND SERVICE AUTHORITY

20644 TIMBERLAKE ROAD, LYNCHBURG, VIRGINIA 24502

December 29, 2016

To the Members of the Authority Board, Customers and Interested Parties:

We are pleased to submit the Comprehensive Annual Financial Report (CAFR) of the Campbell County Utilities and Service Authority (Authority) for the fiscal year ended June 30, 2016. The CAFR was prepared by the Authority in conformity with U.S. Generally Accepted Accounting Principles (GAAP) with emphasis on disclosure of the financial activities of the Authority. Responsibility for both the completeness and reliability of the information, including all disclosures, rest with the Authority, and is based upon a comprehensive framework of internal control that has been established for this purpose. Because the cost of internal controls should not exceed anticipated benefits, the objective is to provide reasonable, rather than absolute, assurance that the financial statements are free of material misstatements. To the best our knowledge and belief, the enclosed financial data is accurate in all material respects and fairly presents the financial position, results of operations and cash flows of the Authority. All disclosures necessary to enable the reader to gain an understanding of the Authority's financial activities have been included.

The basic financial statements have been audited by our independent auditors, Robinson, Farmer, Cox Associates, who have issued an unmodified ("clean") opinion on the financial statements of the Authority as of and for the year ended June 30, 2016. The audit was conducted in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standard*, issued by the Comptroller General of the United States; and Specifications for audits of Authorities, Boards and Commissions, issued by the Auditor of Public Accounts for the Commonwealth of Virginia. The annual audit is planned and performed to obtain reasonable, rather than absolute, assurance that the basic financial statements of Campbell County Utilities and Service Authority are free of any material misstatement. The independent auditors' report is located at the front of the financial section of this report.

Management's Discussion and Analysis (MD&A) immediately follows the independent auditor's report and provides a narrative introduction, overview, and analysis of the basic financial statements. This letter of transmittal is designed to complement the MD&A and should be read with it.

**Profile** 

The Authority was created by a resolution of the Board of Supervisors of Campbell County, Virginia (the County) in 1964 according to the Virginia Water and Waste Authorities Act. The Articles of Incorporation were amended in 2012 to change the length of the term of service of the Authority Board members to coincide with the terms of the appointing Supervisor and to add the possibility of future stormwater management. The Authority was created for the purposes of acquisition, construction, operation and maintenance of a water system for the supply and distribution of water and of sewer and sewage disposal system. It is possible the Authority will also become responsible for stormwater management within Campbell County once directed by the Campbell County Board of Supervisors.

The Authority is separate from Campbell County and financial data included in the accompanying CAFR is not included in the financial information of Campbell County. It is commonly misinterpreted that the Authority receives tax revenue and other assistance from the County, but the Authority actually operates on its own revenue sources. In the past decade, there have been two projects that the County saw as beneficial to its overall Master Plan that were not financially conducive to the Authority, so the County agreed through moral obligation to fund the financing of these two projects.

The management of the Authority is vested in a board of seven members appointed by the Campbell County Board of Supervisors. The Authority Board hired an Administrator who is responsible for the daily functions of the Authority.

As of June 30, 2016, the Authority had 7,958 water connections and 2,379 sewer connections. A large portion of Campbell County remains rural so it is not economically feasible to extend water or sewer lines to all of the population of Campbell County. It is estimated that the Authority provides water to approximately 24,300 of the estimated 55,200 residents of Campbell County. Sewer main extensions are substantially more expensive and the Authority provided sewer treatment services to approximately 7,300 Campbell County residents. These figures do not include connections to commercial, industrial or governmental facilities.

Services Provided The Authority provides service through 184 miles of water line and 48.2 miles of sewer mains. Prior to 1986, the Authority purchased all water from the City of Lynchburg to distribute to its customers; however, in the early 80's, due to rising costs of purchasing water being out of the Authority's control, the Authority Board and staff determined it was time to construct a water plant for the Authority to have some separation and independence from the City of Lynchburg. The Authority continues to purchase water from the City of Lynchburg to serve a small portion of its residential customers and along the Mount Athos corridor to serve a large business. The Authority still has access to the City of Lynchburg supply in case of emergency

The Authority provides sewer treatment services to the Rustburg area within Campbell County, for approximately 190 customers. The treatment for the remaining customers in Campbell County is provided by purchasing these services from the City of Lynchburg. The Authority currently has access to 1 million gallons per day of capacity in the Lynchburg Sewer Treatment Plant and it is possible to purchase more capacity if it becomes necessary in the future. The Authority pays for the treatment services as well as a portion of the sewer capital expenses for the City.

The Authority has a contract to serve the County and Town of Appomattox on a wholesale basis with a minimum daily requirement of 30,000 gallons per day but current usage exceeds the minimum requirement. The Authority previously had a contract to serve the Town of Altavista on a wholesale basis, but the minimum amount was loosely enforced and the amount of water sold to Altavista has greatly decreased. Campbell County and the Authority are currently working to renegotiate a contract with the Town of Altavista.

Economic Conditions and Outlook Campbell County saw an explosion of growth in 2008, but growth has slowed significantly with the decline of the economy. The Authority still enjoys modest growth and has much opportunity for future growth. The Authority has benefited from growth of a local college and some multi-family housing developments.

Campbell County Board of Supervisors has a Master Plan for Campbell County that attempts to balance residential growth with commercial development. All proposed developments must first be approved by Campbell County to ensure it fits into Campbell County's Master Plan.

Internal Control Structure and Budgetary Controls While the Authority has seen the effects of the economic downturn throughout all of its operations, the largest impact has been on new connections through the lack of availability fee revenue. The Authority adjusted to this downturn by developing a base fee for sewer customers that provides a steady and reliable source of revenue. The Authority also slightly increased the water base fee for the same reason. The Authority's overall fees remain competitive with other Authorities surrounding Campbell County.

The Authority's management is responsible for establishing and maintaining a system of internal accounting controls. The objectives of internal controls are to provide management reasonable, but not absolute, assurance that assets are safeguarded against loss and from unauthorized use or disposition and that those financial records for preparing financial statements and preparing financial statements and maintaining asset accountability are reliable. Accounting functions are separated to the extent possible for a small-sized staff.

The Authority prepares an annual budget for current expenses and capital outlays, but also uses reasonable estimates of upcoming expenses to prepare a five-year plan which is used to assure that short and long-term financial objectives are being met. The Authority ensures that deficits and surpluses will be balanced during that five-year budget projection.

The proposed budget is presented to the Board for review and a Budget Committee of two Board members is assigned to evaluate each budgetary item.

Division managers participate in the budgeting process and are responsible for the budgetary items that are controllable within their division. The Accounting Manager is responsible for general Authority costs as well as monitoring expenses of the Authority as a whole. Budgetary control is exercised with the understanding that budget amounts (both revenue and expenses) are projections of anticipated service levels. Expenses are evaluated at year-end, whether they are under- or over-budget, to ensure they were made consistently with Authority policies.

Investments are made according to limitations outlined in the Authority's Agreement of Trust with its Bond Trustee. Investments are made to safeguard principal, meet liquidity objectives, and seek fair value rates of return within the parameters of the Code of Virginia.

Relevant Financial Policies The accompanying CAFR is the fourth to be submitted to the Government Finance Officers Association (GFOA) on behalf of the Authority. In order to be awarded, the Authority had to publish an easily readable and efficiently organized CAFR that satisfies both generally accepted accounting principles and applicable legal requirements. The Authority was awarded its first Certificate of Achievement for fiscal year 2012.

Awards

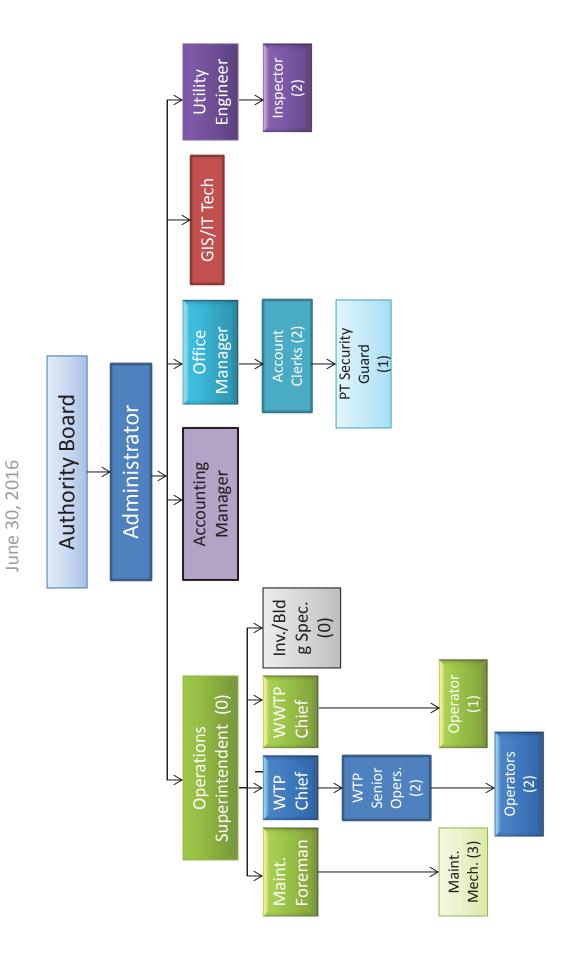
A Certificate of Achievement (if awarded) would be valid for a period of one year only. We believe that our CAFR will meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for the Authority.

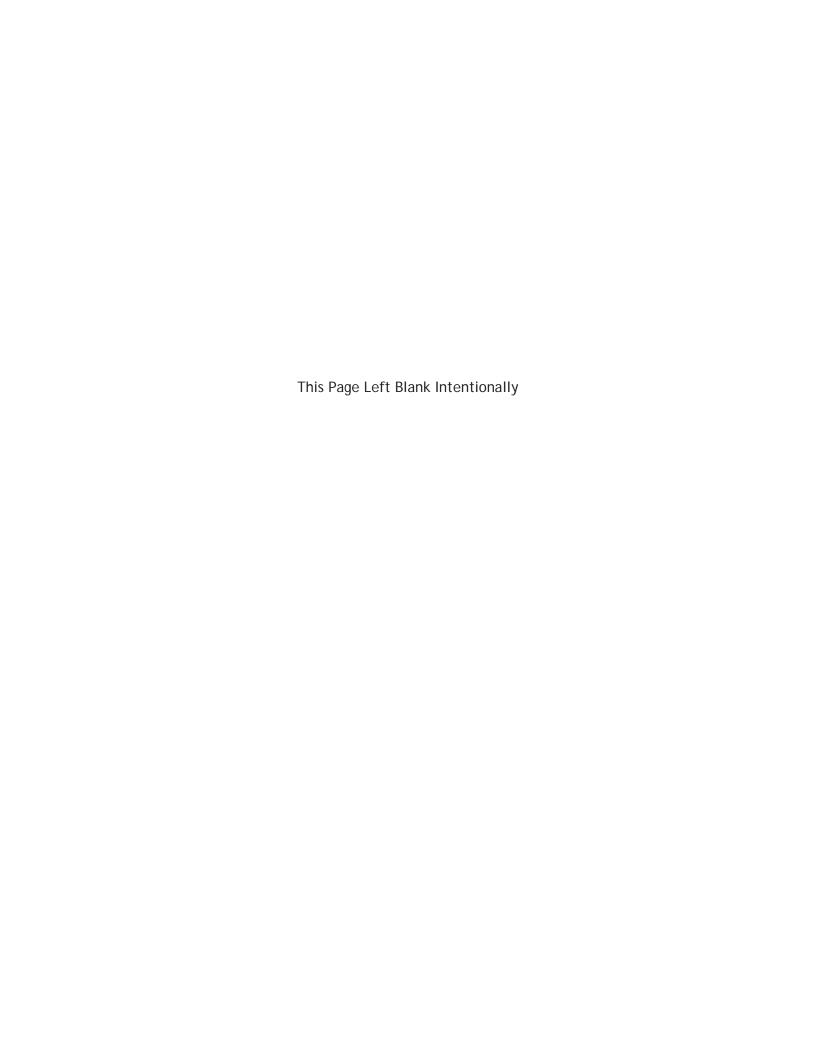
We would like to thank the Authority Board Members for their dedicated and conscientious management of the Authority's operations and being diligent stewards of funds on behalf of the customers of Campbell County Utilities and Service Authority. These efforts are reflected in the accompanying information.

Respectfully submitted,

Frank L. Davis, Jr. Administrator

# **CCUSA ORGANIZATIONAL CHART**







Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

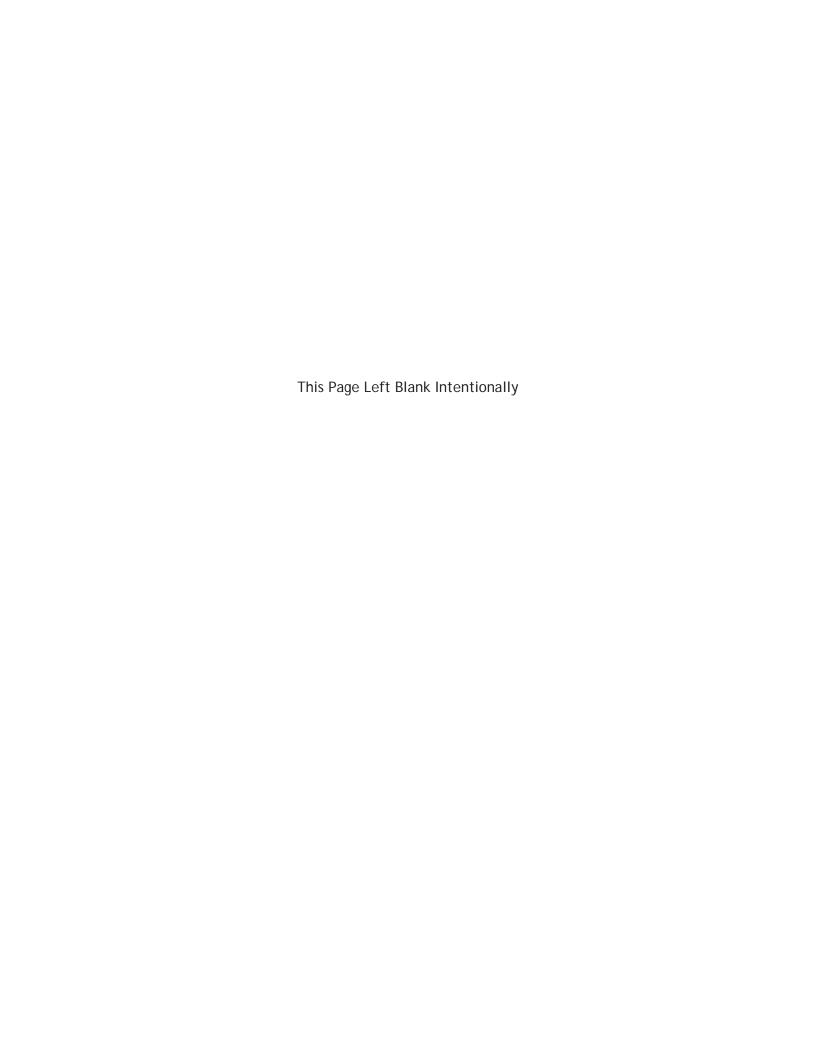
Presented to

# Campbell County Utilities and Service Authority Virginia

For its Comprehensive Annual Financial Report for the Fiscal Year Ended

June 30, 2015

Executive Director/CEO



### ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

### Independent Auditors' Report

To the Honorable Board Members Campbell County Utilities and Service Authority Lynchburg, Virginia

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the business-type activities of Campbell County Utilities and Service Authority, as of and for the year ended June 30, 2016, and the related notes to the financial statements, which collectively comprise the Authority'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.

### Auditors' 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; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the *Specifications for Audits of Authorities, Boards, and Commissions*, issued by the Auditor of Public Accounts of the Commonwealth of Virginia. 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 involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' 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 Authority'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 Authority's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities of Campbell County Utilities and Service Authority, as of June 30, 2016, and the changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

### Change in Accounting Principle

As described in Note 13 to the financial statements, in 2016 the Authority adopted new accounting guidance, GASB Statement Nos. 72 Fair Value Measurement and Application, 79 Certain External Investment Pools and Pool Participants, and 82 Pension Issues – an amendment of GASB Statements No. 67, No. 68, and No. 73. Our opinion is not modified with respect to this matter.

### Other Matters

### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and schedules related to pension funding on pages 15-20 and 59-61 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, which 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 that collectively comprise the Authority's basic financial statements. The introductory section, other supplementary information, and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements.

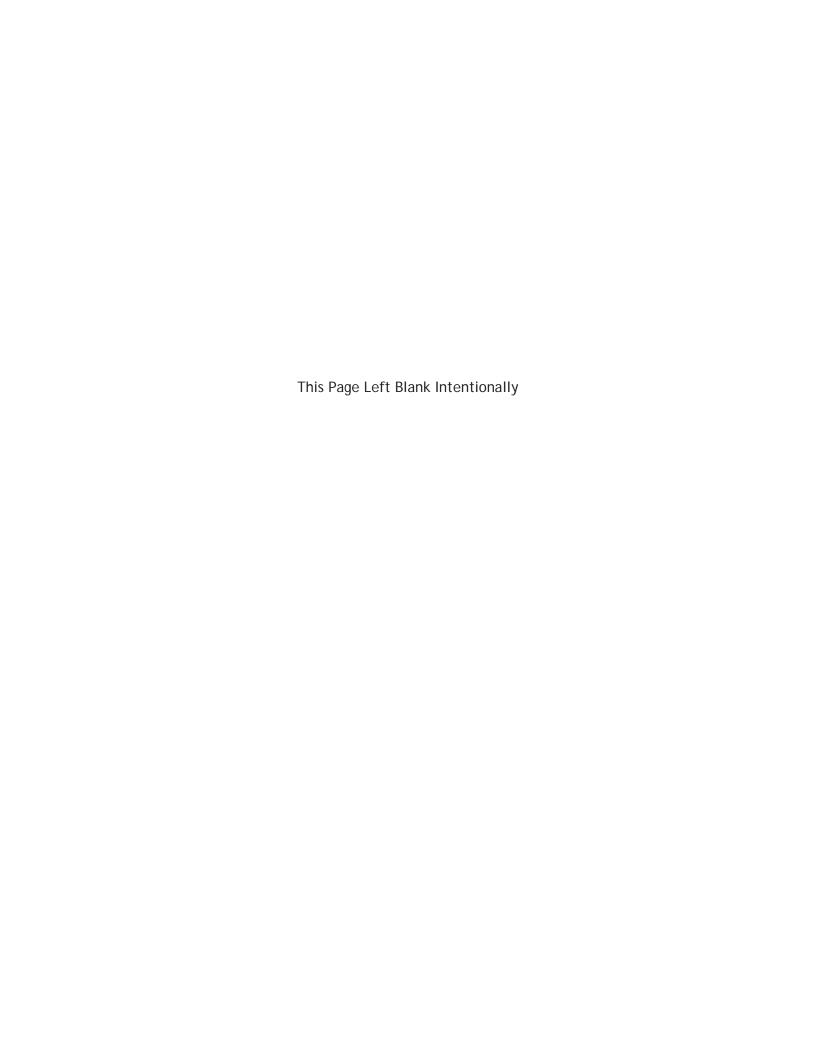
The other supplementary information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic 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 other supplementary information is fairly stated in all material respects in relation to the basic financial statements as a whole.

The introductory and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

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

In accordance with *Government Auditing Standards*, we have also issued our report dated December 29, 2016, on our consideration of Campbell County Utilities and Service Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Campbell County Utilities and Service Authority's internal control over financial reporting and compliance.

Arbinson, Famul, East Associats Charlottesville, Virginia December 29, 2016



To the Board Members of Campbell County Utilities and Service Authority Lynchburg, Virginia

As management of Campbell County Utilities and Service Authority, (the "Authority), we offer readers of our financial statements this narrative overview and analysis of the financial activities of the Authority for the fiscal year ended June 30, 2016.

### Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Authority's basic financial statements. The financial statements are comprised of only two components: 1) financial statements and 2) notes to the financial statements. This report also contains required and other supplementary information in addition to the basic financial statements themselves.

### Financial statements

The *statement of net position* presents information on the Authority's assets and deferred outflows of resources, and liabilities and deferred inflows of resources, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Authority is improving or declining.

The statement of revenues, expenses and changes in net position presents information showing how the Authority's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of the cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods. (e.g. earned but unused vacation leave).

The basic financial statements can be found on pages 22 through 25 of this report.

<u>Notes to financial statements</u> - The notes provide additional information that is essential to a full understanding of the data provided in the financial statements. The notes to the financial statements can be found on pages 27 through 55 of this report.

<u>Other information</u> - In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information concerning the Authority's progress in funding its obligation to provide pension benefits to its employees. Required supplementary information can be found in Exhibits 4-6 of the Required Supplementary Information (pages 59-61).

### Financial Highlights

• The assets and deferred outflows of the Authority exceeded its liabilities and deferred inflows at the close of fiscal year 2016 by \$59,911,270 (net position). Of this amount, \$8,378,671 (unrestricted net position) may be used to meet the Authority's ongoing obligations to customers and creditors compared to \$57,960,095 net position (as restated) with \$7,900,282 unrestricted net position at the close of fiscal year 2015 and \$55,100,032 net position (as restated) with \$7,543,198 unrestricted net position at the close of fiscal year 2014.

### Financial Highlights (Continued)

- The Authority's total net position increased by \$1,951,175; however, 57.1% of this increase was attributable to capital contributions from developers. The percentage of increase in total net position due to capital contributions was 42.5% in FY15 and 56.6% in FY14. This reflects that the portion of the growth of the Authority system from contributions from developers has increased significantly over the past two years as a result of new developments driving growth in the Authority's system. The Authority is currently investing in its own capital by upgrading aging lines; this capital outlay is not providing growth for the system, but is ensuring continued quality distribution is provided to Authority customers.
- The Authority's total liabilities decreased by \$1,212,283 this fiscal year from FY15 compared to a decrease of \$1,205,444 in FY15 from FY14 and a decrease of \$1,141,855 in FY14 from FY13.

### Statement of Net Position:

The following table reflects the condensed Statement of Net Position:

Table 1
Summary of Statement of Net Position
At of June 30, 2016 and June 30, 2015

	June 30, 2016	June 30, 2015
Current assets	\$ 8,544,589	\$ 8,163,434
Capital assets	60,035,949	59,857,095
Restricted assets	1,584,916	1,567,919
Total assets	\$ 70,165,454	\$ 69,588,448
Deferred outflows	\$ 550,694	499,316
Total assets and deferred outflows	\$ 70,716,148	\$ 70,087,764
Current liabilities	\$ 1,915,037	\$ 1,931,750
Long-term liabilities	8,806,009	10,001,579
Total liabilities	\$ 10,721,046	\$ 11,933,329
Deferred inflows	\$ 83,832	 194,340
Net investment in capital assets	\$ 51,032,599	\$ 49,559,813
Restricted	500,000	500,000
Unrestricted	8,378,671	7,900,282
Total net position	\$ 59,911,270	\$ 57,960,095
Total liabilities, deferred inflows,		
and net position	\$ 70,716,148	\$ 70,087,764

• The Authority's net position increased by \$1,951,175 during the year compared to an increase of \$2,860,063 in the previous fiscal year and \$2,660,635 in fiscal year 2014.

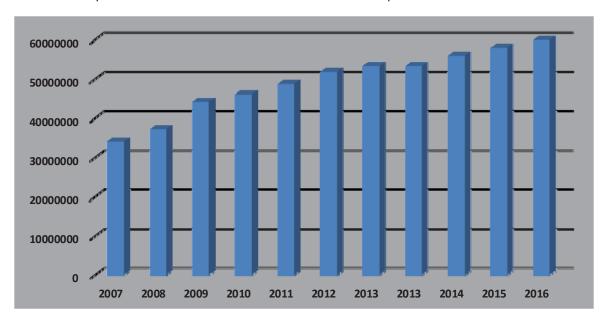
The following table shows the revenues and expenses of the Authority during the fiscal year:

Table 2
Changes in Net Position
For the Years Ended June 30, 2016 and 2015

	_	June 30, 2016		June 30, 2015
Operating revenues:				
Water sales, charges and sewer service charges	\$_	6,216,155	\$_	6,106,067
Total operating revenues	\$_	6,216,155	\$_	6,106,067
Operating expenses:				
Source of supply	\$	971,798	\$	945,314
Wastewater treatment		373,047		297,071
Maintenance and inspection		689,437		506,247
Personnel		1,604,052		1,541,147
Administrative and general		306,142		268,306
Depreciation	_	1,568,618		1,908,543
Total operating expenses	\$_	5,513,094	\$_	5,466,628
Net income from operations	\$_	703,061	\$_	639,439
Nonoperating revenues (expenses):				
Interest income	\$	4,289	\$	5,066
Interest expense		(323,607)		(362,239)
Capital recovery fees		239,100		878,725
Connection fees		63,225		60,270
System development fee		-		46,900
Sewer capacity fee		66,500		332,500
Grant from Campbell County		121,269		98,668
Other nonoperating expenses	_	(37,682)		(55,626)
Total nonoperating revenues (expenses)	\$_	133,094	\$_	1,004,264
Net income before capital contributions	\$	836,155	\$	1,643,703
Capital contributions	_	1,115,020		1,216,360
Change in net position	\$	1,951,175	\$	2,860,063
Net position - beginning of year	_	57,960,095		55,100,032
Net position - end of year	\$	59,911,270	\$	57,960,095

### **Financial Analysis**

As noted earlier, net position may serve over time as a useful indicator of an Authority's financial position. By far the largest portion of the Authority's net position (85.2%) reflects investment in capital assets, less any related debt used to acquire those assets that is still outstanding. The Authority uses these capital assets to provide services to its customers; consequently, these assets are *not* available for future spending. Although the Authority's investment in its capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.



At the end of FY16, the Authority was able to report positive balances all three categories of net position. The same situation held true for the prior fiscal year.

Operating revenues increased by \$110,088 and operating expenses including depreciation and amortization increased \$46,466 from FY 2015. Key elements of these changes are as follows:

- Capital Contributions from developers in the form of dedicated facilities were \$1,115,020. These included water transmission and distribution lines, sewer mains, service lines and laterals.
- There were no changes to water and sewer user rates in FY16. Retail water consumption and meter service charges fell short of budgeted projections by 0.9% (\$42,650) while sewer revenue exceeded forecasts by 4.1% (\$48,521).
- Water capital recovery fees exceeded budget by 1.5%, or \$2,305. Capital recovery fees for sewer fell short of budget by 17.1%, or \$16,956. Authority staff and the Budget Committee are conservative when preparing the budget for capital recovery fees and do not budget for proposed projects until such projects are certain.

### Capital Asset and Debt Administration

<u>Capital Assets</u> - The Authority's investment in capital assets as of June 30, 2016 net of accumulated depreciation was \$60,035,949. Investment in Capital Assets grew less than .30% during FY16. Investments in capital assets grew, .3% during FY15 and 4.3% in FY14.

The Authority Board encumbered \$957,100 for capital projects throughout the year.

Additional information on the Authority's capital assets can be found in Note 4 to the financial statements.

### Capital Asset and Debt Administration: (Continued)

<u>Long-Term Debt</u> - At the end of the fiscal year, the Authority had \$9,401,778 in bonds and notes outstanding and accrued leave versus \$10,750,813 at the end of FY15, a *decrease* of 12.5%. Campbell County pays a portion of the bond payments through a moral obligation agreement (\$121,269 in FY16). Accrued leave accounted for approximately .6% of long-term liabilities.

More detailed information on the Authority's long-term liabilities is presented in Note 6 of the Notes to the Financial Statements.

### **Review of Operations:**

<u>Operating Revenues</u> - Total Operating Revenue increased approximately 1.8% compared to an increase of 3.1% in FY15 from FY14. A comparison of the current fiscal year's actual and budgeted income is found on Schedule 2 under Supporting Schedules of the Financial Section. Operating Revenues fell short of the budget forecast by \$5,145.

<u>Operating Expenses</u> - Operating Expenses before depreciation and amortization came in approximately 2.0% below budget for FY16 (\$82,467). Operating Expenses before depreciation and amortization increased from FY15 Operating Expenses by approximately 10.8% (\$386,006).

Expenses in the **Personnel division** increased by approximately 4.1%. The Authority was allowed a 2% cost of living adjustment and step increases were given to 6 employees according to longevity. An increase in the cost of retirement benefits was another reason for the increase in this division.

Expenses in the Administrative and General division increased by 14.3% for fiscal year 2016. A majority of this increase was due to sewer televising and water modeling projects.

Expenses for the Source of Supply division (Expenses at the Water Treatment Plant) increased by approximately 0.9% from fiscal year 2015. A majority of the increase in this division is the result of increases in the charges from the City of Lynchburg for the purchase of water to serve 460 East customers. An increase in the "Equipment and Supplies" line item also contributed to the overall increase in expenses in this division.

Expenses for the RWWTP increased 25.6%. There was a significant increase in Purchase of services from the City of Lynchburg due to an increase of flows combined with an increase in expenses passed along from the City of Lynchburg.

Expenses in the Maintenance and Inspection division increased 36.2%, or \$183,190. The Maintenance line item increased \$82,978 from FY15. Leak repairs and other required labor in the system are charged to this line item. The Electric expenses, Equipment and supplies, and Vehicle (gas) line items also had notable increases in FY16.

The Naruna division continues to be a small portion of overall Authority expenses with a budget of \$12,020; however, repairs to the Naruna well caused this division to be over by \$13,498. Even with these repairs, the Naruna division is still a small portion of the overall Authority budget.

A summary of the current fiscal year's actual and budgeted expenses is found on Schedules 4 and 5 under Supporting Schedules of the Financial Section. A comparative summary of Authority financial data for FY16 and the previous nine years can be found in Table 2 in the Statistical Section.

<u>Nonoperating Income and Expenses</u> - Nonoperating items are items not directly related to Operations; they reflect more how the business is financed. They include such items as interest income and interest expense, availability fees, grants and contributions in aid to construction by various parties. Investments made by the Authority are tightly regulated as to the type of investments that can be made in the financial markets. Please see Note 3 in the Notes to Financial Statements for a discussion as to the statutes governing the investment of Authority funds.

### Review of Operations: (Continued)

Interest Expense decreased approximately 10.7% this fiscal year. Revenue from Capital Recovery Fees exceeded budget projections for water, but fell short for sewer as was previously explained in more detail under the heading "Financial Analysis". Capital Recovery fees are used to fund capital asset projects and to help pay interest expense on the long-term debt; however, in FY12, the Authority Board created a Base Fee for sewer customers so that Availability Fees would not be the sole source to fund capital asset projects. Both the Water Base Fee and the Sewer Base Fee were increased slightly in FY13, \$1 and \$2 respectively. These fees have not increased since FY13.

Contributions in Aid to Construction (CIAC) recognized in FY16 totaled \$1,115,020. Developers construct water and sewer infrastructure as they develop properties and then the infrastructure is "dedicated" to the Authority for future maintenance.

An agreement with Campbell County directs that the Authority is to forward any Aid to Construction Fees and Connection Fees that are collected in the Leesville Road Billing zone to the County until the bond to fund the project is paid in full or for 20 years from the bond date (2001), whichever is shorter. Twenty percent of usage fees from all customers served in this billing zone are also forwarded to the County for the same extent of time. This is in accordance with the agreement with the County to assist in the funding of the project.

### **Trends in Operations**

<u>Connection Growth</u> - A table containing new connections over the last 10 Fiscal Years is located in the Statistical section of this report. The annual growth of water customers was in the 3 to 6% range prior to FY09 but fell to the 1% range in fiscal years 2009 through FY12. New water connections were 1.2% in FY16. The average annual growth of sewer customers was in the 2-5% range and the Authority had even experienced as much as 9% in FY06 but that percentage of growth dropped to less than 2% in FY09 and has dropped to less than 1% in FY11 at only 20 new connections. The number of sewer customers grew 2.2% in FY15.

<u>User Rates</u> - The last increase in water or sewer usage rates was in FY12. Pages 82 and 83 in the Statistical Section lists the user rates for water and sewer as well as existing connection, availability and construction fees in place at fiscal year end.

Long-Term Debt - The Authority issued a new Bond in December 2011 to fund construction of the new Tanglewood Water Tank. During the bonding process, it was found that the Authority could save \$321,422 by also refinancing most of its existing outstanding bonds. The Authority now has three bonds: the 2011 Bond A (new financing); the 2011 Bond B (refinancing of existing bonds); and the 2003 Bond which was at a low enough interest rate that did not benefit the Authority to include in the refinancing. The Revenue Bond Compliance report can be found on pages 73 and 74. Bond covenants require the Authority to maintain Debt Service Coverage Ratio of 1.15. The actual debt coverage achieved in FY16 was 4.02. Approximately 25.9% of the Authority's operating revenue was used to fund bond payments in fiscal year 2016 as compared to 26.4% in fiscal year 2015 (including nonoperating revenue but not including Contributions in aid of construction, this calculation would have been 21.4% in FY16 and 21.4% in FY15).

<u>Summary</u> - The Authority had a successful financial year in its operations. Overall operating expenses were less than budgeted amounts. The Authority had adequate debt service coverage for the year. The Authority had a positive net income of \$836,155 before capital contributions this year.

### **Requests for Information**

This financial report is designed to provide a general overview of Campbell County Utilities and Service Authority's finances for all those with an interest in the Authority's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Office of the Administrator, 20644 Timberlake Road, Lynchburg, Virginia 24502.

- Basic Financial Statements -

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Statement of Net Position At June 30, 2016

<u>ASSETS</u>		
Current assets: Cash and cash equivalents Accounts receivable Due from Campbell County Prepaid expenses Inventory	\$	7,039,827 1,230,486 11,825 2,298 260,153
Total current assets	\$	8,544,589
Noncurrent assets: Restricted assets: Cash and cash equivalents - debt service Investments - debt service	\$	500,000 1,084,916
Total restricted assets	\$	1,584,916
Capital assets: Land and land rights Structures and improvements Water and sanitary sewer mains and improvements other than structures Machinery and equipment Other Lynchburg facilities capacity Construction in progress  Total capital assets  Less accumulated depreciation	\$	298,954 26,921,687 50,037,678 3,098,970 1,082,106 2,855,565 1,185,941 85,480,901 (25,444,952)
Net capital assets	\$	60,035,949
Total noncurrent assets  Total assets	\$	61,620,865 70,165,454
Total assets	Ψ	70,100,101
DEFERRED OUTFLOWS OF RESOURCES		
Deferred amounts on refunding Pension contributions subsequent to measurement date Items related to measurement of net pension liability	\$	335,092 105,167 110,435
Total deferred outflows of resources	\$	550,694

59,911,270

Total net position

LIABILITIES		
Current liabilities: Accounts payable and accrued expenses Accrued interest payable Advances for construction Compensated absences, current portion Notes payable, current portion Revenue bonds payable, current portion	\$	410,264 62,499 29,222 15,834 55,518 1,341,700
Total current liabilities	\$_	1,915,037
Noncurrent liabilities:  Net pension liability Compensated absences, noncurrent portion Notes payable, noncurrent portion Revenue bonds payable, noncurrent portion  Total noncurrent liabilities  Total liabilities	\$ - \$ - \$	817,284 47,501 769,624 7,171,600 8,806,009
Total Habilities	Φ =	10,721,040
DEFERRED INFLOWS OF RESOURCES		
Items related to measurement of net pension liability	\$ _	83,832
NET POSITION		
Net investment in capital assets Restricted:	\$	51,032,599
Debt service Unrestricted	_	500,000 8,378,671

The accompanying notes to financial statements are an integral part of this statement.

## Statement of Revenues, Expenses, and Changes in Net Position For the Year Ended June 30, 2016

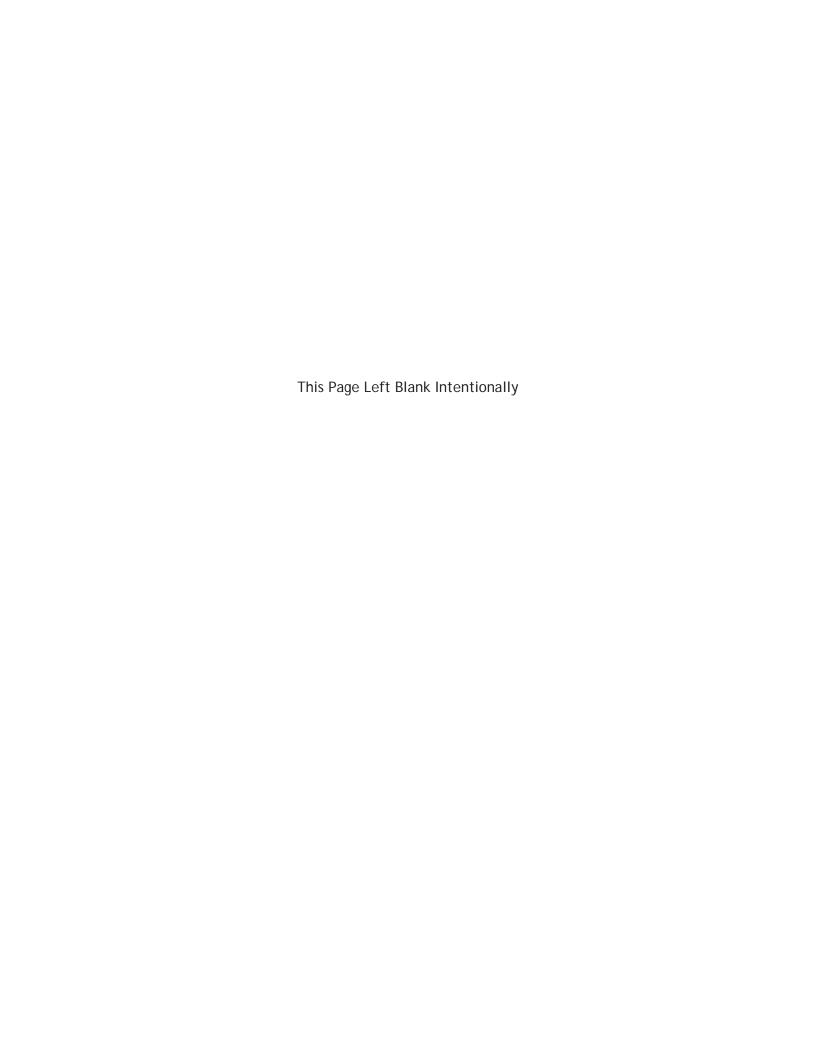
Operating revenues:		
Water sales, charges and sewer service charges	\$_	6,216,155
Operating expenses:		
Source of supply	\$	971,798
Wastewater treatment		373,047
Maintenance and inspection		689,437
Personnel		1,604,052
Administrative and general	_	306,142
Total operating expenses before depreciation	\$_	3,944,476
Depreciation	\$_	1,568,618
Operating income (loss)	\$_	703,061
Nonoperating revenues (expenses):		
Interest income	\$	4,289
Interest expense		(323,607)
Capital recovery fees		239,100
Connection fees		63,225
Sewer capacity fee		66,500
Grant from Campbell County		121,269
Other nonoperating expenses	_	(37,682)
Net nonoperating revenues (expenses)	\$_	133,094
Net income (loss) before capital contributions	\$_	836,155
Capital contributions	\$_	1,115,020
Change in net position	\$	1,951,175
Net position - beginning of year	_	57,960,095
Net position - end of year	\$	59,911,270

The accompanying notes to financial statements are an integral part of this statement.

Statement of Cash Flows

For the Year Ended June 30, 2016

Cash flows from operating activities:		
Receipts from customers and users	\$	6,146,837
Payments to/for employees		(1,624,930)
Payments to suppliers/others	_	(2,422,709)
Net cash provided by (used for) operating activities	\$_	2,099,198
Cash flows from capital and related financing activities:		
Acquisition of capital assets	\$	(1,747,472)
Contributions from developers and customers Contributions from governmental units		1,110,413 121,269
Capital recovery fees		239,100
Connection fees		63,225
Sewer capacity fee		66,500
Retirement of indebtedness Interest on long-term debt		(1,356,419) (270,860)
Net cash provided by (used for) capital and related financing activities	\$	(1,774,244)
	Ψ_	(1,117,277)
Cash flows from investing activities: Interest income	\$	4,289
Decrease in restricted assets	Ψ	(16,997)
Net cash provided by (used for) investing activities	\$	(12,708)
Net increase (decrease) in cash and cash equivalents	\$	312,246
Cash and cash equivalents at beginning of year (includes restricted cash)		7,227,581
Cash and cash equivalents at end of year (includes restricted cash)	<b>-</b> \$	7,539,827
	~=	7,007,027
Reconciliation of operating income to net cash provided by (used for) operating activities:		
Net income from operations	\$	703,061
Adjustment to reconcile operating income to net cash provided by (used for) operations:		
Depreciation		1,568,618
Other nonoperating expenses		(37,682)
Changes in operating assets, deferred outflows, liabilities, and deferred inflows: (Increase) decrease in:		
Accounts receivable		(69,318)
Prepaid items		(2,298)
Inventory  Paging contributions subsequent to massurement data		2,707
Pension contributions subsequent to measurement date Items related to measurement of net pension liability		(3,430) (110,435)
Increase (decrease) in:		(1.07.00)
Accounts payable and accrued expenses		(45,012)
Net pension liability		196,112
Compensated absences		7,383
Items related to measurement of net pension liability	_	(110,508)
Net cash provided by (used for) operating activities	\$ <b>=</b>	2,099,198
Supplemental Disclosure:		
Noncash investing, capital, and financing activities:	¢	1 115 000
Capital assets contributed	\$_	1,115,020



Notes to Financial Statements At June 30, 2016

### NOTE 1 - NATURE OF BUSINESS AND REPORTING ENTITY:

### A. Organization and Purpose:

The Campbell County Utilities and Service Authority (the "Authority") was established on November 24, 1964 by resolution of the Board of Supervisors of Campbell County, Virginia (the "County") and was chartered by the Commonwealth of Virginia State Corporation Commission in December 1964 to provide water and sewer services to County residents as permitted under the <u>Code Virginia</u> (1950) as amended (The "Enabling Act").

The Enabling Act provides that the Authority is authorized, subject to the restrictions of the Authority's articles of incorporation, among other things, (1) to acquire, construct, improve, operate and maintain any water system or sewage disposal system, (2) to issue revenue bonds of the Authority payable solely from revenues to pay all or any part of the cost of water system or sewage disposal system, (3) to fix, revise, charge and collect rates, fees and charges for the use of and for the services furnished by any system operated by the Authority and, (4) to enter into contracts with any unit, including counties and cities, and authorities, relating to the furnishing of services of any water system or sewage disposal system of the Authority. The Enabling Act also provides that the Authority is subject in all respects to the jurisdiction of the Virginia State Water Control Board pursuant to the provisions of the State Water Control Law.

### B. Financial Reporting Entity:

The Authority has determined that it is a related organization to Campbell County in accordance with the Governmental Accounting Standards Board's (GASB) Statement No. 14. The Authority is a legally separate organization whose Board members are appointed by the Campbell County Board of Supervisors. Since the Board of Supervisors cannot impose its will on the Authority and since there is no potential financial benefit (or burden) in the relationship, the Board of Supervisors is not financially accountable for the Authority. Accordingly, the Authority is not considered a component unit of the County.

### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

### <u>Financial Statement Presentation:</u>

Basic Financial Statements - The Authority's financial statements are presented in accordance GASB Statement No. 34, *Basic Financial Statements - and Management's Discussion and Analysis-For State and Local Governments*. Since the Authority is only engaged in business-type activities, it is required to present only the financial statements required for enterprise funds. For the Authority, the basic financial statements and required supplementary information consist of:

- Management's discussion and analysis
- Enterprise fund financial statements
  - Statement of Net Position
  - Statement of Revenues, Expenses, and Changes in Net Position
  - Statement of Cash Flows
  - Notes to Financial Statements
- Required Supplementary Information
  - Schedule of Component of and Changes in Net Pension Liability and Related Ratios
  - Schedule of Employer Contributions
  - Notes to Required Supplementary Information

Notes to Financial Statements At June 30, 2016 (Continued)

### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (Continued)

<u>Financial Statement Presentation: (Continued)</u>

<u>Basis of Accounting</u> - Campbell County Utilities and Service Authority operates as an enterprise fund, uses the flow of economic resources measurement focus, and its accounts are maintained on the accrual basis of accounting. Under this method, revenues are recognized when earned, and expenses are recorded as liabilities when incurred, without regard to receipt or payment of cash. The Authority accrues revenue for services rendered but not yet billed at the end of the fiscal year.

The Authority distinguishes *operating* revenues and expenses from *nonoperating* items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the Authority's principal ongoing operations. The principal operating revenues of the Authority are charges to customers for sales and services. Operating expenses include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

<u>Restricted Assets</u> - Certain proceeds of the Authority's revenue bonds, as well as certain resources set aside for their repayment, are classified as restricted assets on the balance sheet because they are maintained in separate bank accounts and their use is limited by applicable bond covenants.

<u>Cash and Cash Equivalents</u> - For purposes of the statement of cash flows, the Authority considers all highly liquid investments (including restricted assets) with a maturity of three months or less when purchased to be cash equivalents.

<u>Investments</u> - Money market investments are measured at amortized cost in accordance with GASB 79. All other investments are reported at fair value.

<u>Materials and Supplies Inventory</u> - Inventories are valued at the lower of cost or net realizable value, using the first-in, first-out method of valuation.

<u>Capital Assets and Depreciation</u> - Purchased and constructed capital assets in service are recorded at historical cost. Capital assets are defined by the Authority as assets with an initial, individual cost of more than \$5,000 (amount not rounded) and an estimated useful life in excess of one year. Capital assets acquired by the Authority through contributions, such as from developers, are capitalized and recorded in the accounts at acquisition value on the date accepted. The Authority provides for depreciation of capital assets in service on the straight-line method at amounts estimated to amortize the cost of assets over their estimated useful lives, as follows:

Structures and Improvements 20 to 66-2/3 years Equipment 5 to 10 years

When items of property or equipment are sold or retired, the related cost and accumulated depreciation are removed from the accounts and any gain or loss is included in results of operations. Depreciation expense for the year ended June 30, 2016 was \$1,568,618. Included in depreciation expense was \$66,194 charged to Lynchburg Facilities Capacity.

Major outlays for capital assets and improvements are capitalized as projects are constructed. Interest incurred during the construction phase of capital assets is included as part of the capitalized value of the assets constructed. As of June 30, 2016, this interest was immaterial.

Notes to Financial Statements At June 30, 2016 (Continued)

### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (Continued)

<u>Financial Statement Presentation: (Continued)</u>

<u>Allowance for Uncollectible Accounts</u> - The Authority calculates its allowance for specific accounts using historical collection data and, in certain cases, specific account analysis. Historical collection data indicates that any uncollectible amounts would be negligible. Management believes that any accounts that may be written off would not be significant. Accordingly, no allowance for uncollectible accounts has been established.

<u>Budgetary Comparison Schedules</u> - The "Schedule of Income - Budget and Actual" for the Central/Rustburg Division and the Naruna Division and the "Schedule of Expenses - Budget and Actual" for the Central/Rustburg Division and the Naruna Division, compare budget and actual data. Although a budget is not legally required to be adopted, a fiscal year budget is prepared for management and fiscal planning purposes and is required under the Agreement of Trust for the 1993 bond issue dated October 1, 1993 amended and supplemented by the First Supplemental Agreement of Trust dated March 15, 1997, the Second Supplemental Agreement of Trust dated September 1, 1999, the Third Supplemental Agreement of Trust dated June 1, 2001, the Fourth Supplemental Agreement of Trust dated August 15, 2003, the Fifth Supplemental Agreement of Trust dated June 15, 2005. Budgetary control is exercised at the departmental level. Any changes to the budget as adopted require Board approval. A review of budgetary comparisons presented herein will disclose how accurately the Authority was able to forecast its revenues and expenses. Budgets are not adopted for the Capital Division.

<u>Unbilled Revenue</u> - The Authority bills service charges to customers on a bi—monthly basis. Service charges earned but unbilled are accrued based on the last billing. These items are reported in the financial statements as a part of receivables and revenues. The amount of estimated unbilled revenue included in accounts receivable totaled \$368,078.

<u>Use of Estimates</u> - The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual amounts could differ from those amounts.

<u>Net Position</u> - Net position is the difference between a) assets and deferred outflows of resources and b) liabilities and deferred inflows of resources. Net investment in capital assets represents capital assets, less accumulated depreciation, less any outstanding debt related to the acquisition, construction or improvement of those assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt are also included in this component of net position.

<u>Net Position Flow Assumption</u> - Sometimes the Authority will fund outlays for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority's policy to consider restricted net position to have been depleted before unrestricted net position is applied.

Notes to Financial Statements At June 30, 2016 (Continued)

### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (Continued)

<u>Financial Statement Presentation: (Continued)</u>

<u>Deferred Outflows/Inflows of Resources</u> - In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense) until then. The Authority has three items that qualify for reporting in this category. One item is the deferred charge on refunding, which results from the difference in the carrying value of refunded debt and its reacquisition price. This amount is deferred and amortized over the shorter of the life of the refunded or refunding debt. The other item is comprised of contributions to the pension plan made during the current year and subsequent to the net pension liability measurement date, which will be recognized as a reduction of the net pension liability next fiscal year. The final item is the difference between expected and actual experience. For more detailed information on these items, reference the pension note.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Authority has one item that qualifies for reporting in this category. Certain items related to the measurement of the net pension liability are reported as deferred inflows of resources. These include changes in assumptions and the net difference between projected and actual earnings on pension plan investments. For more detailed information on these items, reference the pension note.

<u>Long-Term Obligations</u> - Bond premiums and discounts are amortized over the life of the bonds. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are expensed as incurred.

### NOTE 3 - DEPOSITS AND INVESTMENTS:

### Deposits:

Deposits with banks are covered by the Federal Deposit Insurance Corporation (the FDIC) and collateralized in accordance with the Virginia Security for Public Deposits Act (the "Act") Section 2.2-4400 et. seq. of the Code of Virginia. Under the Act, banks and savings institutions holding public deposits in excess of the amount insured by the FDIC must pledge collateral to the Commonwealth of Virginia Treasury Board. Financial Institutions may choose between two collateralization methodologies and depending upon that choice, will pledge collateral that ranges in the amounts from 50% to 130% of excess deposits. Accordingly, all deposits are considered fully collateralized.

Notes to Financial Statements At June 30, 2016 (Continued)

# NOTE 3 - DEPOSITS AND INVESTMENTS: (Continued)

#### Investments:

Statutes authorize the Authority to invest in obligations of the United States or agencies thereof, obligations of the Commonwealth of Virginia or political subdivisions thereof, obligations of the International Bank for Reconstruction and Development (World Bank), the Asian Development Bank, the African Development Bank, "prime quality" commercial paper and certain corporate notes, banker's acceptances, repurchase agreements and the State Treasurer's Local Government Investment Pool (LGIP).

The Authority does not have a formal investment policy that addresses credit risk or interest rate risk.

## Credit Risk of Debt Securities:

The Authority's rated debt investments as of June 30, 2016 were rated by Standard and Poor's and the ratings are presented below using the Standard and Poor's rating scale. The Authority's investment policy has an emphasis on high credit quality and known marketability. Holdings of commercial papers are required to be rated no lower than Standard and Poor's A-1 and Moody's Investors Service P-1.

Authority's Rated Debt Investments					
Investment	S&P Rating		Value		
U.S. Government Securities  Money Market Funds	AAAm	<b>-</b> \$	1,084,916		

#### Interest Rate Risk:

Investment Maturities (in years)							
Investment Type		Fair Value		Less Than 1 Year			
U.S. Government Securities Money Market Funds	\$	1,084,916	\$	1,084,916			

#### Funds held by US Bank as trustee for revenue bonds:

Revenue bond debt service	\$	294,046
2003 Revenue Bonds: Revenue bond debt service		790,870
Other funds: Minimum balance required by 1993 bond indenture	_	500,000
Total restricted assets	\$	1,584,916

Notes to Financial Statements At June 30, 2016 (Continued)

## **NOTE 4 - CAPITAL ASSETS:**

Details of changes in capital assets for the fiscal year ended June 30, 2016 are as follows:

	_	Balance July 1, 2015	Additions	•	Retirements and other reductions	_	Balance June 30, 2016
Capital assets not being depreciated:							
Land and land rights	\$	298,954 \$	-	\$	-	\$	298,954
Construction in progress	-	899,781	1,028,133		741,973	_	1,185,941
Total capital assets not being depreciated	\$_	1,198,735 \$	1,028,133	\$	741,973	\$_	1,484,895
Capital assets being depreciated:							
Structures and improvements	\$	26,921,687 \$	-	\$	-	\$	26,921,687
Water and sanitary sewer mains and							
improvements other than structures		48,902,558	1,135,120		-		50,037,678
Machinery and equipment		2,796,906	315,516		13,452		3,098,970
Other		1,082,106	-		-		1,082,106
Lynchburg Facilities Capacity	-	2,844,889	10,676			-	2,855,565
Total capital assets being depreciated	\$_	82,548,146 \$	1,461,312	\$	13,452	\$_	83,996,006
Less: Accumulated depreciation:							
Structures and improvements	\$	(9,509,978) \$	(575,636)	\$	-	\$	(10,085,614)
Water and sanitary sewer mains and							
improvements other than structures		(10,392,030)	(699,655)		-		(11,091,685)
Machinery and equipment		(1,652,386)	(200,842)		(13,452)		(1,839,776)
Other		(371,172)	(26,291)		-		(397,463)
Lynchburg Facilities Capacity	-	(1,964,220)	(66,194)			-	(2,030,414)
Total accumulated depreciation	\$_	(23,889,786) \$	(1,568,618)	\$	(13,452)	\$_	(25,444,952)
Capital assets being depreciated, net	\$_	58,658,360 \$	(107,306)	\$		\$_	58,551,054
Net capital assets	\$_	59,857,095 \$	920,827	\$	741,973	\$_	60,035,949

<u>Lynchburg Facilities Capacity</u> - The Authority entered into an agreement with the City of Lynchburg, Virginia to purchase capacity in its regional sewage treatment plant. The cost of this purchase is recorded in capital assets and is amortized over a period of 20 years. The amortization is based on the amount of principal payments made on notes payable to the City, as detailed in Note 6. Amortization of this cost is included in depreciation expense and totaled \$66,194 for FY16. The unamortized balance of this cost was \$825,151 at June 30, 2016.

# NOTE 5 - CONSTRUCTION WORK IN PROGRESS:

		Balance Beginning of Year	Cost of Construction	Adjustments/ Transfers to Utility Plant & Equipment		Balance End of Year
Dreaming Creek Sewer Reconstruction	\$	26,697	\$ 22,275	\$ -	\$	48,972
Leesville Estates		97,666	-	-		97,666
Leesville Estates - Phase 2		10,367	-	-		10,367
Courthouse Sewer Relocation		14,746	141,140	155,886		-
Daly Seven 1002 Unit Hotel		10,522	-	-		10,522
SCADA System		281,219	60,777	249,730		92,266
Campbell County Master Sewer Plan - Phase 2		62,300	-	-		62,300
Route 460 West Sewer Study		12,173	-	-		12,173
Liberty Mountain Drive Water		6	300,184	300,190		-
Citizens Services Building Meter Vault		2,319	-	2,319		-
Waterlick Road Low Pressure Sewer		17,857	-	-		17,857
Leesville Estates - Phase 2 (2010)		10,132	-	-		10,132
Russell Woods Sewer		181,868	-	-		181,868
Appomattox Water Line		7,408	-	7,408		-
Campbell County Landfill W & S Improvements		6,390	-	-		6,390
Liberty Ridge W & S Completion		27,257	-	-		27,257
Liberty Ridge Student Housing - Sect 1		3,750	22,690	26,440		-
Brookneal Water Line/Naruna		12,649	-	-		12,649
Simon's Run Water Line		1,342	-	-		1,342
Dennis Riddle Drive Sewer Extension		2,424	-	-		2,424
Woodhaven Service Replacement Project		11,583	-	-		11,583
Winston Lane Water Line		19,182	-	-		19,182
Terrace Hill/Silver Spring Water Line Replacemer	nt	21,301	207,377	-		228,678
Timberlake Drive Main Water Line Replacement		27,500	204,343	-		231,843
Equalization Blower Panel		21,277	30,667	-		51,944
Route 29 Sewer System Model		9,000	-	-		9,000
Clean WTP Holding Pond #1		62	8,500	-		8,562
Wendy's Restaurant - Wards Road - Hartless		-	8,890	-		8,890
Waterline Extension 1122 Wards Road		-	5,790	-		5,790
Sewer Flow Study		-	15,500	-		15,500
Other	_	784			_	784
Total	\$_	899,781	\$ <u>1,028,133</u>	\$ 741,973	\$	1,185,941

# NOTE 6 - LONG-TERM OBLIGATIONS:

A summary of long-term obligation activity for the year is as follows:

	Balance			Balance	<b>Due Within</b>
	July 1, 2015	Increases	Decreases	June 30, 2016	One Year
Net pension liability	\$ 621,172	\$ 501,856	\$ 305,744 \$	817,284	\$ -
Compensated absences	55,952	7,383	-	63,335	15,834
Notes payable	880,661	-	55,519	825,142	55,518
Revenue bonds payable	9,814,200		1,300,900	8,513,300	1,341,700
Totals	\$ <u>11,371,985</u>	\$ <u>509,239</u>	\$ <u>1,662,163</u> \$	10,219,061	\$ <u>1,413,052</u>

Amounts required to amortize long-term debt:

Fiscal Year					
Ending	Notes	Pa	ıyable	Revenue	e Bonds
June 30,	 Principal		Interest	 Principal	Interest
2017	\$ 55,518	\$	14	\$ 1,341,700 \$	231,328
2018	55,518		14	1,385,200	190,577
2019	55,518		13	1,307,400	150,301
2020	55,518		13	463,000	124,248
2021	55,518		12	495,000	110,967
2022	55,518		11	403,000	97,402
2023	55,518		11	413,000	85,776
2024	43,817		10	425,000	73,864
2025	43,817		10	436,000	61,594
2026	43,817		9	350,000	50,382
2027	43,817		9	367,000	40,147
2028	35,209		8	277,000	29,555
2029	29,830		7	203,000	22,455
2030	29,830		7	209,000	16,275
2031	29,829		6	216,000	9,900
2032	29,829		6	222,000	3,330
2033	29,829		5	-	-
2034	8,556		5	-	-
2035	8,556		4	-	-
2036	8,556		3	-	-
2037	8,556		3	-	-
2038	8,556		2	-	-
2039	8,555		2	-	-
2040	8,555		1	-	-
2041	8,555		1	-	-
2042	2,816		-	-	-
2043	2,816		-	-	-
2044	2,816			 	
Total	\$ 825,143	\$	186	\$ 8,513,300 \$	1,298,101

Notes to Financial Statements At June 30, 2016 (Continued)

# NOTE 6 - LONG-TERM OBLIGATIONS: (Continued)

Details of long-term obligations are as follows:

	Total	-	Amount Due Within One Year
Net pension liability	\$ 817,284	\$	
Compensated absences	\$ 63,335	\$	15,834
Notes payable:			
\$131,234 note payable to the City of Lynchburg, Virginia, due in annual principal installments of \$5,171 on June 1 through June 2015, thereafter \$1,284 through June 1, 2028, interest at 0%	\$ 15,408	\$	1,284
\$468,039 note payable to the City of Lynchburg, Virginia, due in annual principal installments of \$11,701 on June 1 through 2023, interest at 5.5%	81,903		11,701
\$295,122 note payable to the City of Lynchburg, Virginia due in annual principal installments of \$8,608 on June 1 through 2027, interest at 0.35%	94,682		8,608
\$136,530 note payable to the City of Lynchburg, Virginia, due in annual principal installments of \$4,096 on June 1 through 2028, interest at 0%	49,150		4,096
\$172,189 note payable to the City of Lynchburg, Virginia due in annual principal installments of \$5,740 on June 1, through 2041, interest at 0.59%	143,488		5,740
\$425,467 note payable to the City of Lynchburg, Virginia due in annual principal installments of \$21,273 on June 1, through 2033, interest at 0%	361,648		21,273
\$84,495 note payable to the City of Lynchburg, Virginia due in annual principal installments of \$2,816 on June 1, through 2044, interest at 0%	 78,863	-	2,816
Total notes payable	\$ 825,142	\$_	55,518

Notes to Financial Statements At June 30, 2016 (Continued)

# NOTE 6 - LONG-TERM OBLIGATIONS: (Continued)

Details of long-term obligations are as follows: (Continued)

	_	Total		Amount Due Within One Year
Revenue Bonds:				
\$3,377,000 Water and Sewer System Revenue Bond, Series 2011A dated December 20, 2011 principal payable in various installments beginning October 1, 2012 through October 1, 2031, interest payable semi-annually at				
3.00%	\$	2,874,000	\$	143,000
\$4,268,000 Water and Sewer System Refunding Revenue Bond, Series 2011B dated December 20, 2011, principal payable semi-annually in various incremental amounts beginning April 1, 2012 through October 1, 2027, interest payable semi-annually at 2,75%		0.004.000		000 000
interest payable semi-annually at 2.75%		2,924,000		283,000
\$9,738,200 Water and Sewer System Refunding Revenue bond dated August 15, 2003, principal payable annually in various incremental amounts due on				
October 15, 2018, interest payable semi-annually at 3.07%	_	2,715,300	-	915,700
Total revenue bonds	\$_	8,513,300	\$	1,341,700
Total long-term obligations	\$_	10,219,061	\$	1,413,052

County of Campbell, Virginia has entered into a Support Agreement with the Authority whereby the County has undertaken a nonbinding obligation to appropriate to the Authority funds as necessary to pay the debt service required by certain water and sewer system revenue bonds. The Authority received \$121,269 from the County in FY16.

#### NOTE 7 - PENSION PLAN:

## Plan Description

All full-time, salaried permanent employees of the Authority are automatically covered by VRS Retirement Plan upon employment. This is an agent multi-employer plan administered by the Virginia Retirement System (the System) along with plans for other employer groups in the Commonwealth of Virginia. Members earn one month of service credit for each month they are employed and for which they and their employer pay contributions to VRS. Members are eligible to purchase prior service, based on specific criteria as defined in the <u>Code of Virginia</u>, as amended. Eligible prior service that may be purchased includes prior public service, active military service, certain periods of leave, and previously refunded service.

Notes to Financial Statements At June 30, 2016 (Continued)

# NOTE 7 - PENSION PLAN: (Continued)

# Plan Description (Continued)

The System administers three different benefit structures for covered employees - Plan 1, Plan 2, and, Hybrid. Each of these benefit structures has different eligibility criteria. The specific information for each plan and the eligibility for covered groups within each plan are set out in the table below:

RETIREMENT PLAN PROVISIONS								
PLAN 1	PLAN 1 PLAN 2							
About Plan 1 Plan 1 is a defined benefit plan. The retirement benefit is based on a member's age, creditable service and average final compensation at retirement using a formula. Employees are eligible for Plan 1 if their membership date is before July 1, 2010, and they were vested as of January 1, 2013.	About Plan 2 Plan 2 is a defined benefit plan. The retirement benefit is based on a member's age, creditable service and average final compensation at retirement using a formula. Employees are eligible for Plan 2 if their membership date is on or after July 1, 2010, or their membership date is before July 1, 2010, and they were not vested as of January 1, 2013.	About the Hybrid Retirement Plan The Hybrid Retirement Plan combines the features of a defined benefit plan and a defined contribution plan. Most members hired on or after January 1, 2014 are in this plan, as well as Plan 1 and Plan 2 members who were eligible and opted into the plan during a special election window. (see "Eligible Members")  • The defined benefit is based on a member's age, creditable service and average final compensation at retirement using a formula.  • The benefit from the defined contribution component of the plan depends on the member and employer contributions made to the plan and the investment performance of those contributions.						

# NOTE 7 - PENSION PLAN: (Continued)

	REMENT PLAN PROVISIONS (CONTIN	
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN
About Plan 1 (Cont.)	About Plan 2 (Cont.)	About the Hybrid Retirement Plan (Cont.)  • In addition to the monthly benefit payment payable from the defined benefit plan at retirement, a member may start receiving distributions from the balance in the defined contribution account, reflecting the contributions, investment gains or losses, and any required fees.
Eligible Members Employees are in Plan 1 if their membership date is before July 1, 2010, and they were vested as of January 1, 2013.  Hybrid Opt-In Election VRS non-hazardous duty covered Plan 1 members were allowed to make an irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014.  The Hybrid Retirement Plan's effective date for eligible Plan 1 members who opted in was July 1, 2014.  If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan.	Eligible Members Employees are in Plan 2 if their membership date is on or after July 1, 2010, or their membership date is before July 1, 2010, and they were not vested as of January 1, 2013.  Hybrid Opt-In Election Eligible Plan 2 members were allowed to make an irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014.  The Hybrid Retirement Plan's effective date for eligible Plan 2 members who opted in was July 1, 2014.  If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan.	Eligible Members Employees are in the Hybrid Retirement Plan if their membership date is on or after January 1, 2014. This includes: • Political subdivision employees* • Members in Plan 1 or Plan 2 who elected to opt into the plan during the election window held January 1-April 30, 2014; the plan's effective date for opt-in members was July 1, 2014.  *Non-Eligible Members Some employees are not eligible to participate in the Hybrid Retirement Plan. They include: • Political subdivision employees who are covered by enhanced benefits for hazardous duty employees.

# NOTE 7 - PENSION PLAN: (Continued)

RETIREMENT PLAN PROVISIONS (CONTINUED)								
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN						
Hybrid Opt-In Election (Cont.) Members who were eligible for an optional retirement plan (ORP) and had prior service under Plan 1 were not eligible to elect the Hybrid Retirement Plan and remain as Plan 1 or ORP.	Hybrid Opt-In Election (Cont.) Members who were eligible for an optional retirement plan (ORP) and have prior service under Plan 2 were not eligible to elect the Hybrid Retirement Plan and remain as Plan 2 or ORP.	*Non-Eligible Members (Cont.) Those employees eligible for an optional retirement plan (ORP) must elect the ORP plan or the Hybrid Retirement Plan. If these members have prior service under Plan 1 or Plan 2, they are not eligible to elect the Hybrid Retirement Plan and must select Plan 1 or Plan 2 (as applicable) or ORP.						
Retirement Contributions Employees contribute 5% of their compensation each month to their member contribution account through a pre-tax salary reduction. Some political subdivisions elected to phase in the required 5% member contribution but all employees will be paying the full 5% by July 1, 2016. Member contributions are tax-deferred until they are withdrawn as part of a retirement benefit or as a refund. The employer makes a separate actuarially determined contribution to VRS for all covered employees. VRS invests both member and employer contributions to provide funding for the future benefit payment.	Retirement Contributions Employees contribute 5% of their compensation each month to their member contribution account through a pre-tax salary reduction. Some political subdivisions elected to phase in the required 5% member contribution but all employees will be paying the full 5% by July 1, 2016.	Retirement Contributions A member's retirement benefit is funded through mandatory and voluntary contributions made by the member and the employer to both the defined benefit and the defined contribution components of the plan. Mandatory contributions are based on a percentage of the employee's creditable compensation and are required from both the member and the employer. Additionally, members may choose to make voluntary contributions to the defined contribution component of the plan, and the employer is required to match those voluntary contributions according to specified percentages.						

Notes to Financial Statements At June 30, 2016 (Continued)

# NOTE 7 - PENSION PLAN: (Continued)

RETIREMENT PLAN PROVISIONS (CONTINUED)					
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN			
Creditable Service Creditable service includes active service. Members earn creditable service for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional creditable service the member was granted. A member's total creditable service is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit.	Creditable Service Same as Plan 1.	Creditable Service  Defined Benefit Component: Under the defined benefit component of the plan, creditable service includes active service. Members earn creditable service for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional creditable service the member was granted. A member's total creditable service is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit.  Defined Contributions Component: Under the defined contribution component, creditable service is used to determine vesting for the employer contribution portion of the plan.			

Notes to Financial Statements At June 30, 2016 (Continued)

# NOTE 7 - PENSION PLAN: (Continued)

RETIREMENT PLAN PROVISIONS (CONTINUED)					
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN			
Vesting Vesting is the minimum length of service a member needs to qualify for a future retirement benefit. Members become vested when they have at least five years (60 months) of creditable service. Vesting means members are eligible to qualify for retirement if they meet the age and service requirements for their plan. Members also must be vested to receive a full refund of their member contribution account balance if they leave employment and request a refund.  Members are always 100% vested in the contributions that they make.	Vesting Same as Plan 1.	Vesting  Defined Benefit Component:  Defined benefit vesting is the minimum length of service a member needs to qualify for a future retirement benefit.  Members are vested under the defined benefit component of the Hybrid Retirement Plan when they reach five years (60 months) of creditable service.  Plan 1 or Plan 2 members with at least five years (60 months) of creditable service who opted into the Hybrid Retirement Plan remain vested in the defined benefit component.  Defined Contributions  Component:  Defined contribution vesting refers to the minimum length of service a member needs to be eligible to withdraw the employer contributions from the defined contribution component of the plan.  Members are always 100% vested in the contributions that they make.			

# NOTE 7 - PENSION PLAN: (Continued)

RETI	RETIREMENT PLAN PROVISIONS (CONTINUED)				
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN			
Vesting (Cont.)	Vesting (Cont.)	Vesting (Cont.)  Defined Contributions Component: (Cont.) Upon retirement or leaving covered employment, a member is eligible to withdraw a percentage of employer contributions to the defined contribution component of the plan, based on service.  • After two years, a member is 50% vested and may withdraw 50% of employer contributions.  • After three years, a member is 75% vested and may withdraw 75% of employer contributions.  • After four or more years, a member is 100% vested and may withdraw 100% of employer contributions.  Distribution is not required by law until age 70½.			
Calculating the Benefit The Basic Benefit is calculated based on a formula using the member's average final compensation, a retirement multiplier and total service credit at retirement. It is one of the benefit payout options available to a member at retirement.	Calculating the Benefit See definition under Plan 1.	Calculating the Benefit  Defined Benefit Component: See definition under Plan 1			

# NOTE 7 - PENSION PLAN: (Continued)

RETIREMENT PLAN PROVISIONS (CONTINUED)					
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN			
Calculating the Benefit (Cont.) An early retirement reduction factor is applied to the Basic Benefit if the member retires with a reduced retirement benefit or selects a benefit payout option other than the Basic Benefit.	Calculating the Benefit (Cont.)	Calculating the Benefit (Cont.)  Defined Contribution Component: The benefit is based on contributions made by the member and any matching contributions made by the employer, plus net investment earnings on those contributions.			
Average Final Compensation A member's average final compensation is the average of the 36 consecutive months of highest compensation as a covered employee.	Average Final Compensation A member's average final compensation is the average of their 60 consecutive months of highest compensation as a covered employee.	Average Final Compensation Same as Plan 2. It is used in the retirement formula for the defined benefit component of the plan.			
Service Retirement Multiplier VRS: The retirement multiplier is a factor used in the formula to determine a final retirement benefit. The retirement multiplier for non-hazardous duty members is 1.70%.  Sheriffs and regional jail superintendents: The retirement multiplier for sheriffs and regional jail superintendents is 1.85%.  Political subdivision hazardous duty employees: The retirement multiplier of eligible political subdivision hazardous duty employees other than sheriffs and regional jail superintendents is 1.70% or 1.85% as elected by the employer.	Service Retirement Multiplier VRS: Same as Plan 1 for service earned, purchased or granted prior to January 1, 2013. For non-hazardous duty members the retirement multiplier is 1.65% for creditable service earned, purchased or granted on or after January 1, 2013.  Sheriffs and regional jail superintendents: Same as Plan 1.  Political subdivision hazardous duty employees: Same as Plan 1.	Service Retirement Multiplier Defined Benefit Component: VRS: The retirement multiplier for the defined benefit component is 1.00%.  For members who opted into the Hybrid Retirement Plan from Plan 1 or Plan 2, the applicable multipliers for those plans will be used to calculate the retirement benefit for service credited in those plans.  Sheriffs and regional jail superintendents: Not applicable.  Political subdivision hazardous duty employees: Not applicable.  Defined Contribution Component: Not applicable.			

# NOTE 7 - PENSION PLAN: (Continued)

RETIREMENT PLAN PROVISIONS (CONTINUED)					
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN			
Normal Retirement Age VRS: Age 65.  Political subdivisions hazardous duty employees: Age 60.	Normal Retirement Age VRS: Normal Social Security retirement age.  Political subdivisions hazardous duty employees: Same as Plan 1.	Normal Retirement Age Defined Benefit Component: VRS: Same as Plan 2.  Political subdivisions hazardous duty employees: Not applicable.  Defined Contribution Component: Members are eligible to receive distributions upon leaving employment, subject to restrictions.			
Earliest Unreduced Retirement Eligibility VRS: Age 65 with at least five years (60 months) of creditable service or at age 50 with at least 30 years of creditable service.  Political subdivisions hazardous duty employees: Age 60 with at least five years of creditable service or age 50 with at least 25 years of creditable service.	Earliest Unreduced Retirement Eligibility VRS: Normal Social Security retirement age with at least five years (60 months) of creditable service or when their age and service equal 90.  Political subdivisions hazardous duty employees: Same as Plan 1.	Earliest Unreduced Retirement Eligibility Defined Benefit Component: VRS: Normal Social Security retirement age and have at least five years (60 months) of creditable service or when their age and service equal 90.  Political subdivisions hazardous duty employees: Not applicable.  Defined Contribution Component: Members are eligible to receive distributions upon leaving employment, subject to restrictions.			
Earliest Reduced Retirement Eligibility VRS: Age 55 with at least five years (60 months) of creditable service or age 50 with at least 10 years of creditable service.	Earliest Reduced Retirement Eligibility VRS: Age 60 with at least five years (60 months) of creditable service.	Earliest Reduced Retirement Eligibility Defined Benefit Component: VRS: Members may retire with a reduced benefit as early as age 60 with at least five years (60 months) of creditable service.			

# NOTE 7 - PENSION PLAN: (Continued)

RETIREMENT PLAN PROVISIONS (CONTINUED)					
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN			
Earliest Reduced Retirement Eligibility (Cont.)	Earliest Reduced Retirement Eligibility (Cont.)	Earliest Reduced Retirement Eligibility (Cont.)			
Political subdivisions hazardous duty employees: 50 with at least five years of creditable service.	Political subdivisions hazardous duty employees: Same as Plan 1.	Political subdivisions hazardous duty employees: Not applicable.			
		Defined Contribution Component: Members are eligible to receive distributions upon leaving employment, subject to restrictions.			
Cost-of-Living Adjustment (COLA) in Retirement The Cost-of-Living Adjustment (COLA) matches the first 3% increase in the Consumer Price Index for all Urban Consumers (CPI-U) and half of any additional increase (up to 4%) up to a maximum COLA of 5%.  Eligibility: For members who retire with an unreduced benefit or with a reduced benefit with at least 20 years of creditable service, the COLA will go into effect on July 1 after one full calendar year from the retirement date.  For members who retire with a reduced benefit and who have less than 20 years of creditable service, the COLA will go into effect on July 1 after one calendar year following the unreduced retirement eligibility date.	Cost-of-Living Adjustment (COLA) in Retirement The Cost-of-Living Adjustment (COLA) matches the first 2% increase in the CPI-U and half of any additional increase (up to 2%), for a maximum COLA of 3%.  Eligibility: Same as Plan 1.	Cost-of-Living Adjustment (COLA) in Retirement Defined Benefit Component: Same as Plan 2.  Defined Contribution Component: Not applicable.  Eligibility: Same as Plan 1 and Plan 2.			

# NOTE 7 - PENSION PLAN: (Continued)

(COLA) in Retirement (Cont.) (COLA) in Retirement (Cont.) (  Exceptions to COLA Effective Exceptions to COLA Effective	HYBRID RETIREMENT PLAN  Cost-of-Living Adjustment (COLA) in Retirement (Cont.)  Exceptions to COLA Effective Dates:  Same as Plan 1 and Plan 2.
(COLA) in Retirement (Cont.) (COLA) in Retirement (Cont.) (  Exceptions to COLA Effective Exceptions to COLA Effective	(COLA) in Retirement (Cont.)  Exceptions to COLA Effective  Dates:
The COLA is effective July 1 Same as Plan 1.	
(January 1 to December 31) under any of the following circumstances:  • The member is within five years of qualifying for an unreduced retirement benefit as of January 1, 2013.  • The member retires on disability.  • The member retires directly from short-term or longterm disability under the Virginia Sickness and Disability Program (VSDP).  • The member is involuntarily separated from employment for causes other than job performance or misconduct and is eligible to retire under the Workforce Transition Act or the Transitional Benefits Program.  • The member dies in service and the member's survivor or beneficiary is eligible for a monthly death-in-service benefit. The COLA will go into effect on July 1 following one full calendar year (January 1 to December 31) from the date the monthly benefit begins.	

# NOTE 7 - PENSION PLAN: (Continued)

RETI	REMENT PLAN PROVISIONS (CONTIN	UED)		
PLAN 1	PLAN 2	HYBRID RETIREMENT PLAN		
Disability Coverage Members who are eligible to be considered for disability retirement and retire on disability, the retirement multiplier is 1.7% on all service, regardless of when it was earned, purchased or granted.  VSDP members are subject to a	Disability Coverage Members who are eligible to be considered for disability retirement and retire on disability, the retirement multiplier is 1.65% on all service, regardless of when it was earned, purchased or granted.  VSDP members are subject to a	Disability Coverage Employees of political subdivisions (including Plan 1 and Plan2 opt-ins) participate in the Virginia Local Disability Program (VLDP) unless their local governing body provides an employer-paid comparable program for its members.		
one-year waiting period before becoming eligible for non-work-related disability benefits.	one-year waiting period before becoming eligible for non-work related disability benefits.	Hybrid members (including Plan 1 and Plan 2 opt-ins) covered under VLDP are subject to a one-year waiting period before becoming eligible for non-work-related disability benefits.		
Purchase of Prior Service Members may be eligible to purchase service from previous public employment, active duty military service, an eligible period of leave or VRS refunded service as creditable service in their plan. Prior creditable service counts toward vesting, eligibility for retirement and the health insurance credit. Only active members are eligible to purchase prior service. When buying service, members must purchase their most recent period of service first. Members also may be eligible to purchase periods of leave without pay.	Purchase of Prior Service Same as Plan 1.	Purchase of Prior Service  Defined Benefit Component:  Same as Plan 1, with the following exceptions:  • Hybrid Retirement Plan members are ineligible for ported service.  • The cost for purchasing refunded service is the higher of 4% of creditable compensation or average final compensation.  • Plan members have one year from their date of hire or return from leave to purchase all but refunded prior service at approximate normal cost. After that one-year period, the rate for most categories of service will change to actuarial cost.  Defined Contribution Component: Not applicable.		

Notes to Financial Statements At June 30, 2016 (Continued)

## NOTE 7 - PENSION PLAN: (Continued)

## Plan Description (Continued)

The System issues a publicly available comprehensive annual financial report that includes financial statements and required supplementary information for VRS. A copy of the most recent report may be obtained from the VRS website at <a href="http://www.varetire.org/Pdf/Publications/2015-annual-report.pdf">http://www.varetire.org/Pdf/Publications/2015-annual-report.pdf</a> or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

## Employees Covered by Benefit Terms

As of the June 30, 2014 actuarial valuation, the following employees were covered by the benefit terms of the pension plan:

	Number
Inactive members or their beneficiaries currently receiving benefits	10
Inactive members:  Vested inactive members	1
Non-vested inactive members	1
Inactive members active elsewhere in VRS	3
Total inactive members	5
Active members	20
Total covered employees	35

#### Contributions

The contribution requirement for active employees is governed by §51.1-145 of the <u>Code of Virginia</u>, as amended, but may be impacted as a result of funding options provided to political subdivisions by the Virginia General Assembly. Employees are required to contribute 5.00% of their compensation toward their retirement. Prior to July 1, 2012, all or part of the 5.00% member contribution may have been assumed by the employer. Beginning July 1, 2012 new employees were required to pay the 5.00% member contribution. In addition, for existing employees, employers were required to begin making the employee pay the 5.00% member contribution. This could be phased in over a period of up to 5 years and the employer is required to provide a salary increase equal to the amount of the increase in the employee-paid member contribution.

The Authority's contractually required contribution rate for the year ended June 30, 2016 was 9.08% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2013.

This rate, when combined with employee contributions, was expected to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Contributions to the pension plan from the Authority were \$105,167 and \$101,737 for the years ended June 30, 2016 and June 30, 2015, respectively.

Notes to Financial Statements At June 30, 2016 (Continued)

# NOTE 7 - PENSION PLAN: (Continued)

## Net Pension Liability

The Authority's net pension liability was measured as of June 30, 2015. The total pension liability used to calculate the net pension liability was determined by an actuarial valuation performed as of June 30, 2014, using updated actuarial assumptions, applied to all periods included in the measurement and rolled forward to the measurement date of June 30, 2015.

## Actuarial Assumptions - General Employees

The total pension liability for General Employees in the Authority's Retirement Plan was based on an actuarial valuation as of June 30, 2014, using the Entry Age Normal actuarial cost method and the following assumptions, applied to all periods included in the measurement and rolled forward to the measurement date of June 30, 2015.

Inflation 2.5%

Salary increases, including inflation 3.5% - 5.35%

Investment rate of return 7.0%, net of pension plan investment

expense, including inflation\*

Mortality rates: 14% of deaths are assumed to be service related

#### Largest 10 - Non-LEOS:

#### Pre-Retirement:

RP-2000 Employee Mortality Table Projected with Scale AA to 2020 with males set forward 4 years and females set back 2 years

#### Post-Retirement:

RP-2000 Combined Mortality Table Projected with Scale AA to 2020 with males set forward 1 year

#### Post-Disablement:

RP-2000 Disability Life Mortality Table Projected to 2020 with males set back 3 years and no provision for future mortality improvement

<sup>\*</sup> Administrative expenses as a percent of the market value of assets for the last experience study were found to be approximately 0.06% of the market assets for all of the VRS plans. This would provide an assumed investment return rate for GASB purposes of slightly more than the assumed 7.0%. However, since the difference was minimal, and a more conservative 7.0% investment return assumption provided a projected plan net position that exceeded the projected benefit payments, the long-term expected rate of return on investments was assumed to be 7.0% to simplify preparation of pension liabilities.

Notes to Financial Statements At June 30, 2016 (Continued)

## NOTE 7 - PENSION PLAN: (Continued)

## Actuarial Assumptions - General Employees (Continued)

All Others (Non 10 Largest) - Non-LEOS:

#### Pre-Retirement:

RP-2000 Employee Mortality Table Projected with Scale AA to 2020 with males set forward 4 years and females set back 2 years

#### Post-Retirement:

RP-2000 Combined Mortality Table Projected with Scale AA to 2020 with males set forward 1 year

#### Post-Disablement:

RP-2000 Disability Life Mortality Table Projected to 2020 with males set back 3 years and no provision for future mortality improvement

The actuarial assumptions used in the June 30, 2014 valuation were based on the results of an actuarial experience study for the period from July 1, 2008 through June 30, 2012. Changes to the actuarial assumptions as a result of the experience study are as follows:

## Largest 10 - Non-LEOS:

- Update mortality table
- Decrease in rates of service retirement
- Decrease in rates of disability retirement
- Reduce rates of salary increase by 0.25% per year

#### All Others (Non 10 Largest) - Non-LEOS:

- Update mortality table
- Decrease in rates of service retirement
- Decrease in rates of disability retirement
- Reduce rates of salary increase by 0.25% per year

Notes to Financial Statements At June 30, 2016 (Continued)

## NOTE 7 - PENSION PLAN: (Continued)

## Long-Term Expected Rate of Return

The long-term expected rate of return on pension System investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of pension System investment expense and inflation) are developed for each major asset class. These ranges are 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 by adding expected inflation. The target asset allocation and best estimate of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class (Strategy)	Target Allocation	Arithmetic Long-Term Expected Rate of Return	Weighted Average Long-Term Expected Rate of Return
U.S. Equity	19.50%	6.46%	1.26%
Developed Non U.S. Equity	16.50%	6.28%	1.04%
Emerging Market Equity	6.00%	10.00%	0.60%
Fixed Income	15.00%	0.09%	0.01%
Emerging Debt	3.00%	3.51%	0.11%
Rate Sensitive Credit	4.50%	3.51%	0.16%
Non Rate Sensitive Credit	4.50%	5.00%	0.23%
Convertibles	3.00%	4.81%	0.14%
Public Real Estate	2.25%	6.12%	0.14%
Private Real Estate	12.75%	7.10%	0.91%
Private Equity	12.00%	10.41%	1.25%
Cash	1.00%	-1.50%	-0.02%
Total	100.00%		5.83%
		Inflation	2.50%
	*Expected arithme	tic nominal return	8.33%

<sup>\*</sup> Using stochastic projection results provides an expected range of real rates of return over various time horizons. Looking at one year results produces an expected real return of 8.33% but also has a high standard deviation, which means there is high volatility. Over larger time horizons the volatility declines significantly and provides a median return of 7.44%, including expected inflation of 2.50%.

Notes to Financial Statements At June 30, 2016 (Continued)

## NOTE 7 - PENSION PLAN: (Continued)

#### Discount Rate

The discount rate used to measure the total pension liability was 7.00%. The projection of cash flows used to determine the discount rate assumed that System member contributions will be made per the VRS Statutes and the employer contributions will be made in accordance with the VRS funding policy at rates equal to the difference between actuarially determined contribution rates adopted by the VRS Board of Trustees and the member rate. Through the fiscal year ending June 30, 2018, the rate contributed by the employer for the Authority Retirement Plan will be subject to the portion of the VRS Board-certified rates that are funded by the Virginia General Assembly. From July 1, 2018 on, participating employers are assumed to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total pension liability.

# Changes in Net Pension Liability

	Increase (Decrease)					
		Total Pension Liability (a)		Plan Fiduciary Net Position (b)		Net Pension Liability (a) - (b)
Balances at June 30, 2014	\$	3,843,836	\$_	3,222,664	\$	621,172
Changes for the year:						
Service cost	\$	101,893	\$	-	\$	101,893
Interest		265,416		-		265,416
Differences between expected						
and actual experience		134,547		-		134,547
Contributions - employer		-		101,737		(101,737)
Contributions - employee		-		56,022		(56,022)
Net investment income		-		149,981		(149,981)
Benefit payments, including refunds						
of employee contributions		(104,354)		(104,354)		-
Administrative expenses		-		(1,966)		1,966
Other changes		-		(30)		30
Net changes	\$	397,502	\$	201,390	\$	196,112
Balances at June 30, 2015	\$	4,241,338	\$_	3,424,054	\$	817,284

Notes to Financial Statements At June 30, 2016 (Continued)

## NOTE 7 - PENSION PLAN: (Continued)

## Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability of the Authority using the discount rate of 7.00%, as well as what the Authority's net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.00%) or one percentage point higher (8.00%) than the current rate:

	Rate						
		(6.00%)	(7.00%)	(8.00%)			
		_					
Net Pension Liability	\$	1,456,040 \$	817,284 \$	294,163			

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

For the year ended June 30, 2016, the Authority recognized pension expense of \$76,906. At June 30, 2016, the Authority 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 experience	\$	110,435	\$ -
Net difference between projected and actual earnings on pension plan investments		-	83,832
Employer contributions subsequent to the measurement date	_	105,167	 
Total	\$	215,602	\$ 83,832

\$105,167 reported as deferred outflows of resources related to pensions resulting from the Authority's contributions subsequent to the measurement date will be recognized as a reduction of the Net Pension Liability in the year ended June 30, 2017. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in future reporting periods as follows:

Year ended June 30	_	
2017	\$	(8,992)
2018		(8,992)
2019		(8,992)
2020		39,592
2021		13,987

Notes to Financial Statements At June 30, 2016 (Continued)

## NOTE 8 - LITIGATION:

At June 30, 2016, there were no matters of litigation involving the Authority which would materially affect the Authority's financial position should any court decisions on pending matters not be favorable to the Authority.

#### NOTE 9 - COMPENSATED ABSENCES:

In accordance with GASB Statement No. 16, *Accounting for Compensated Absences*, the Authority has accrued the liability arising from outstanding compensated absences.

Authority employees earn vacation and sick leave at a variable rate based on length of service. No benefits or pay is received for unused sick leave upon termination. Vacation accumulates on a calendar year basis and terminates annually if not taken. The Authority has outstanding accrued vacation pay and related benefits totaling \$63,335 at June 30, 2016.

## NOTE 10 - RISK MANAGEMENT:

The Authority insures against the risk of loss for workers' compensation, theft, property damage, and liability through contracts with commercial insurance carriers. A summary of coverage is detailed below:

Property damage	\$ 11,825,200	100% value
Flood damage	2,500,000	
Earthquake	2,500,000	
Local Government liability	1,000,000	each occurrence
Automobile liability	1,000,000	combined single limit
Umbrella liability	5,000,000	
Worker's compensation	1,000,000	employer's liability each occurrence
Boiler and machinery	1,000,000	

There have been no insurance settlements exceeding insurance coverage during the past three years.

Notes to Financial Statements At June 30, 2016 (Continued)

## **NOTE 11 - CONSTRUCTION COMMITMENTS:**

At June 30, 2016 the Authority had the following major projects under construction:

Project		Contract Amounts	 Expenditures as of June 30, 2016	Contract Balance
Terrace Hill/Silver Spring Water Line Replacement Timberlake Drive Main Water Line Replacement	\$	380,600 1,199,200	\$ 202,357 \$ 162,823	178,243 1,036,377
Total	\$_	1,579,800	\$ 365,180 \$	1,214,620

#### NOTE 12 - ADOPTION OF ACCOUNTING PRINCIPLES:

Governmental Accounting Standards Board Statement No. 72, Fair Value Measurement and Application

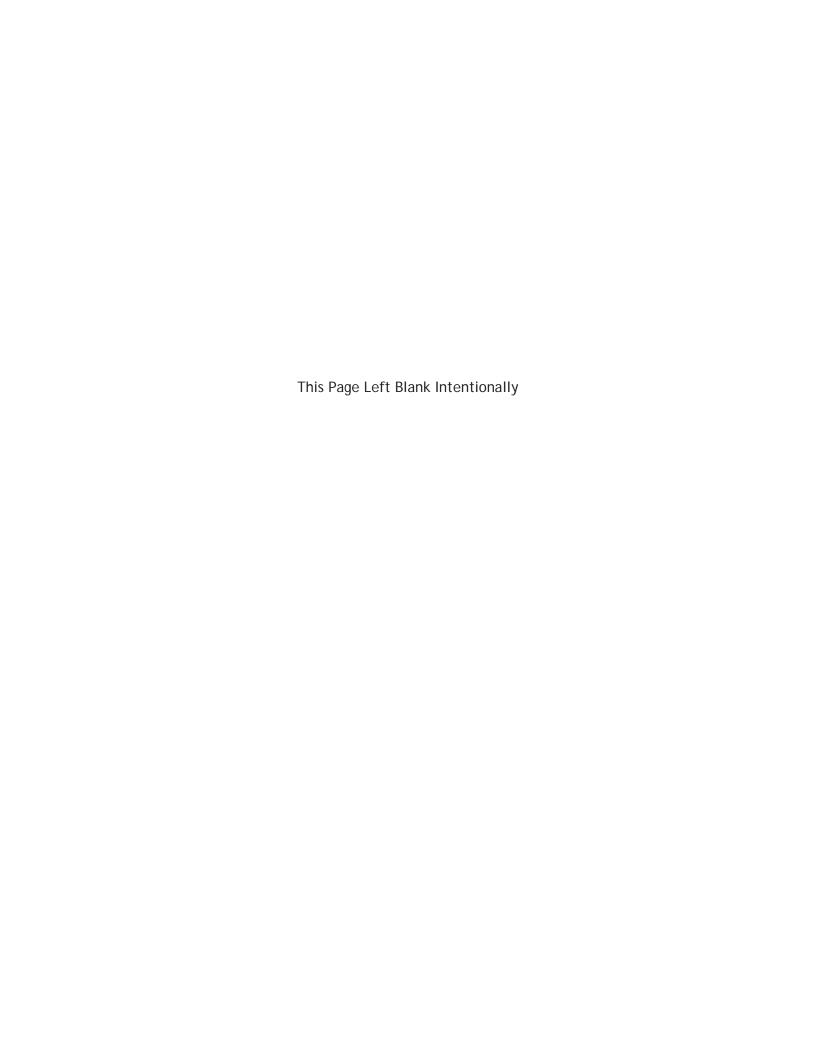
The Authority implemented the provisions of the above Statement during the fiscal year ended June 30, 2016. The Statement generally requires investments to be measured at fair value. The Statement requires the Authority to use valuation techniques which are appropriate under the circumstances and are either a market approach, a cost approach or an income approach. The Statement establishes a hierarchy of inputs used to measure fair value. There was no material impact on the Authority's financial statement as a result of the implementation of Statement No. 72. All required disclosures are located in Note 3.

# Governmental Accounting Standards Board Statement No. 79, Certain External Investment Pools and Pool Participants

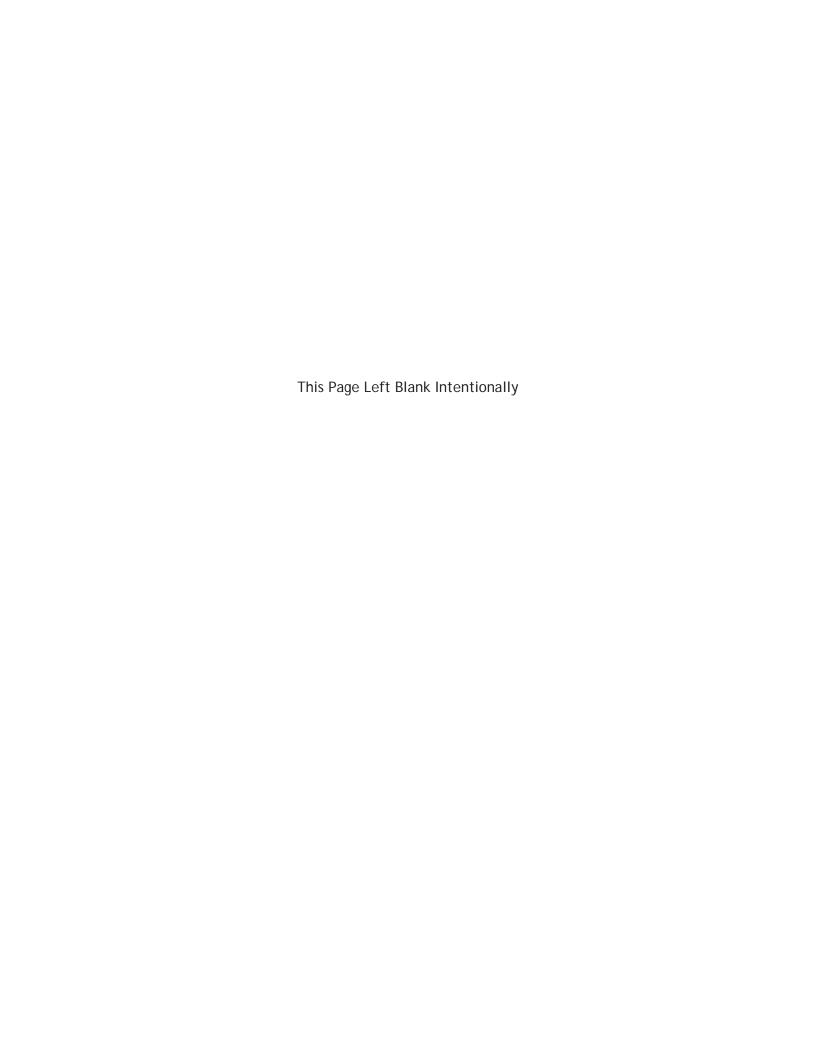
The Authority implemented the provisions of the above Statement during the fiscal year ended June 30, 2016. This Statement addresses accounting and financial reporting for certain external investment pools and pool participants. Specifically, it establishes criteria for an external investment pool to qualify for making the election to measure all of its investments at amortized cost for financial reporting purposes. An external investment pool qualifies for that reporting if it meets all of the applicable criteria established in this Statement. There was no material impact on the Authority's financial statement as a result of the implementation of Statement No. 79. All required disclosures are located in Note 2.

Governmental Accounting Standards Board Statement No. 82, *Pension Issues - an amendment of GASB Statements No. 67, No. 68, and No. 73* 

The Authority early implemented provisions of the above Statement during the fiscal year ended June 30, 2016. The objective of this Statement is to address certain issues that have been raised with respect to Statements No. 67, Financial Reporting for Pension Plans, No. 68, Accounting and Financial Reporting for Pensions, and No. 73, Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68. Specifically, this Statement addresses issues regarding (1) the presentation of payroll-related measures in required supplementary information, (2) the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard of Practice for financial reporting purposes, and (3) the classification of payments made by employers to satisfy employee (plan member) contribution requirements. No restatement was required as a result of this implementation.



- Required Supplementary Information -



Schedule of Components of and Changes in Net Pension Liability and Related Ratios For the Year Ended June 30, 2016

	_	2015	2014
Total pension liability			
Service cost	\$	101,893 \$	94,235
Interest		265,416	248,500
Differences between expected and actual experience		134,547	-
Benefit payments, including refunds of employee contributions	_	(104,354)	(97,794)
Net change in total pension liability	\$	397,502 \$	244,941
Total pension liability - beginning	_	3,843,836	3,598,895
Total pension liability - ending (a)	\$	4,241,338 \$	3,843,836
Plan fiduciary net position			
Contributions - employer	\$	101,737 \$	98,188
Contributions - employee		56,022	53,477
Net investment income		149,981	436,173
Benefit payments, including refunds of employee contributions		(104,354)	(97,794)
Administrative expense		(1,966)	(2,287)
Other		(30)	23
Net change in plan fiduciary net position	\$	201,390 \$	487,780
Plan fiduciary net position - beginning		3,222,664	2,734,884
Plan fiduciary net position - ending (b)	\$	3,424,054 \$	3,222,664
	_		
Authority's net pension liability - ending (a) - (b)	\$	817,284 \$	621,172
Plan fiduciary net position as a percentage of			
the total pension liability		80.73%	83.84%
Covered payroll	\$	1,120,448 \$	1,069,535
Authority's net pension liability as a			
percentage of covered payroll		72.94%	58.08%

This schedule is intended to show information for 10 years. Since 2014 was the first year for this presentation, only two years are available. Additional years will be included as they become available.

Schedule of Employer Contributions For the Year Ended June 30, 2016

		Contributions in Relation to			Contributions
Data	Contractually Required	Contractually Required Contribution	Contribution Deficiency (Excess)	Employer's Covered	as a % of Covered
Date	 Contribution	 Contribution	 (EXCESS)	 Payroll	Payroll
2016	\$ 105,167	\$ 105,167	\$ -	\$ 1,158,231	9.08%
2015	101,737	101,737	-	1,120,448	9.08%
2014	95,509	95,509	-	1,069,535	8.93%
2013	99,403	99,403	-	1,113,137	8.93%
2012	51,121	51,121	-	1,071,725	4.77%
2011	49,893	49,893	-	1,045,984	4.77%
2010	37,397	37,397	-	1,035,927	3.61%
2009	36,796	36,796	-	1,019,289	3.61%
2008	44,683	44,683	-	913,753	4.89%
2007	39,039	39,039	-	798,337	4.89%

Notes to Required Supplementary Information For the Year Ended June 30, 2016

In 2015, Covered Employee Payroll (as defined by GASB 68) included the total payroll for employees covered under the pension plan whether that payroll was subject to pension coverage or not. This definition was modified in GASB Statement No. 82, and now Covered Payroll is the payroll on which contributions to a pension plan are based. The ratios presented use the same measure.

Changes of benefit terms - There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation. The 2014 valuation includes Hybrid Retirement Plan members for the first time. The hybrid plan applies to most new employees hired on or after January 1, 2014 and not covered by enhanced hazardous duty benefits. Because this was a new benefit and the number of participants was relatively small, the impact on liabilities as of the measurement date of June 30, 2015 is not material.

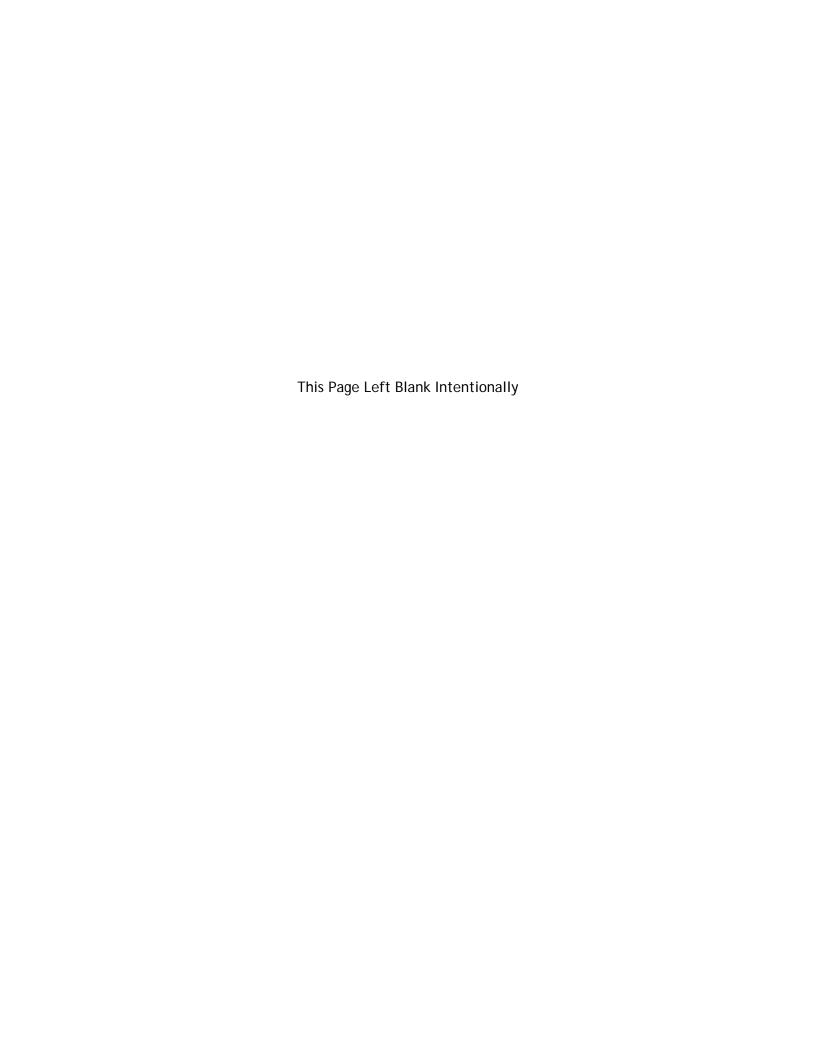
Changes of assumptions - The following changes in actuarial assumptions were made effective June 30, 2013 based on the most recent experience study of the System for the four-year period ending June 30, 2012:

Largest 10 - Non-LEOS:

- Update mortality table
- Decrease in rates of service retirement
- Decrease in rates of disability retirement
- Reduce rates of salary increase by 0.25% per year

All Others (Non 10 Largest) - Non-LEOS:

- Update mortality table
- Decrease in rates of service retirement
- Decrease in rates of disability retirement
- Reduce rates of salary increase by 0.25% per year



- Other Supplementary Information - Supporting Schedules

Schedule of Revenues and Expenses For the Year Ended June 30, 2016

Operating revenues: Water fees Sewer fees Account establishment fees Reconnection fees	\$	1,218,521 24,825 34,498	\$	Central/ Rustburg 4,667,350 1,218,521 24,825 34,498	\$	Naruna 83,501 - - -
Fire protection fee Meter tamper fee Miscellaneous	_	30,607 400 156,453	_	30,607 400 156,453		- - -
Total operating revenues	\$_	6,216,155	\$_	6,132,654	\$_	83,501
Operating expenses: Source of supply: Purchase of water Water charges (460 East) Chemicals Electrical services Maintenance Equipment and supplies Safety Uniforms Landfill fees Vehicle expense Telephone Fees and charges Office supplies	\$	13,125 517,872 160,039 186,745 26,924 42,531 1,890 2,080 909 3,335 2,594 13,261 493		13,125 517,872 159,727 183,345 17,664 32,607 1,890 2,080 909 2,933 2,594 13,261 493	\$	- 312 3,400 9,260 9,924 - - - 402 - -
Total source of supply	\$	971,798	\$_	948,500	\$_	23,298
Wastewater treatment: Purchase of services - Lynchburg Chemicals Electrical services Maintenance Equipment and supplies Safety Uniforms Vehicle expense Landfill disposal Fees and charges Office supplies Telephone	\$	2,518 22,910 14,247 14,920 1,226 682 1,602 4,963 4,969 42 3,601	\$	301,367 2,518 22,910 14,247 14,920 1,226 682 1,602 4,963 4,969 42 3,601		- - - - - - - - -
Total wastewater treatment	\$_	373,047	\$_	373,047	\$_	

Schedule of Revenues and Expenses For the Year Ended June 30, 2016 (Continued)

	_	Total		Central/ Rustburg		Naruna
Operating expenses: (Continued)						
Maintenance and inspection:						
Electrical services	\$	153,758	\$	153,758	\$	-
Maintenance		342,939		342,939		-
Russell Woods pump station		385		385		-
Rustburg Elementary School pump station		702		702		-
Miss Utility fees		3,836		3,836		-
Equipment and supplies		56,864		56,864		_
Fire hydrants		106,312		106,312		-
Safety		2,465		2,465		_
Uniforms		2,385		2,385		_
Fuel		120		120		_
Vehicle expense		13,984		13,984		_
Fees and charges		3,646		3,646		-
Telephone		2,041		2,041		_
·	_				_	
Total maintenance and inspection	\$_	689,437	_\$_	689,437	_\$_	-
Personnel:						
Salaries	\$	1,244,026	\$	1,244,026	\$	-
Unemployment insurance		16		16		-
Health insurance		157,667		157,667		-
Disability insurance		5,619		5,619		-
Retirement benefits		91,368		91,368		-
FICA		91,783		91,783		-
Workmen's compensation	_	13,573		13,573		-
Total personnel	\$_	1,604,052	\$_	1,604,052	\$_	
Administrative and general:						
Legal fees	\$	2,076	\$	2,076	\$	-
Engineering fees		45,754		45,754		-
Auditing fees		23,240		23,240		-
Recording fees		237		237		-
Insurance general		39,715		37,628		2,087
Postage		35,162		35,162		-
Office and billing supplies		20,051		20,051		-
Service charge (over and short)		(113)		(113)		-
Bank fees		11		11		-
Office equipment contracts		73,359		73,359		-
Safety		417		417		-
Telephone		17,264		17,264		-
Electrical services		10,128		10,128		-

Schedule of Revenues and Expenses For the Year Ended June 30, 2016 (Continued)

	_	Total	Central/ Rustburg	_	Naruna
Operating expenses: (Continued)					
Administrative and general: (Continued)					
Advertising	\$	2,283 \$	2,283	\$	-
Travel, mileage, and education		8,273	8,273		-
Dues, subscriptions, and donations		10,045	10,045		-
Janitorial supplies		1,117	1,117		-
Landfill fees		1,475	1,475		-
Maintenance office		9,796	9,796		-
Trustee fees		7,343	7,343		-
Miscellaneous		(24,826)	(24,826)		-
Fees and charges		23,335	23,202	_	133
Total administrative and general	\$_	306,142 \$	303,922	\$_	2,220
Operating expenses before depreciation	\$_	3,944,476 \$	3,918,958	\$_	25,518
Depreciation	\$_	1,568,618 \$	1,557,398	\$_	11,220
Total operating expenses	\$_	5,513,094 \$	5,476,356	\$_	36,738
Net income from operations	\$_	703,061 \$	656,298	\$_	46,763
Nonoperating revenues (expenses):					
Capital recovery fees water	\$	157,700 \$	157,700	\$	_
Capital recover fees wastewater	Ψ	81,400	81,400	Ψ	_
Connection fees water		54,175	54,175		_
Connection fees wastewater		9,050	9,050		_
Sewer capacity fee		66,500	66,500		_
Interest income		4,289	4,289		_
Grant from Campbell County		121,269	121,269		_
Capital contributions		1,115,020	1,115,020		_
Interest expense		(323,607)	(323,607)		_
Other nonoperating expenses		(37,682)	(37,682)	_	
Total nonoperating revenues (expenses)	\$_	1,248,114 \$	1,248,114	. \$_	
Net income	\$	1,951,175 \$	1,904,412	\$_	46,763

Central/Rustburg Division

Schedule of Revenues - Budget and Actual For the Year Ended June 30, 2016

		Budget		Actual	Variance Favorable (Unfavorable)
Operating revenues:					_
Water fees	\$	4,710,000	\$	4,667,350	\$ (42,650)
Sewer fees		1,170,000		1,218,521	48,521
Account establishment fees		24,000		24,825	825
Reconnection fees		34,000		34,498	498
Fire protection fee		45,000		30,607	(14,393)
Meter tamper fee		300		400	100
Miscellaneous	_	158,000	_	156,453	 (1,547)
Total operating revenues	\$_	6,141,300	\$_	6,132,654	\$ (8,646)
Nonoperating revenues:					
Capital recovery fees water	\$	157,700	\$	157,700	\$ -
Capital recovery fees wastewater		99,000		81,400	(17,600)
Connection fees water		-		54,175	54,175
Connection fees wastewater		-		9,050	9,050
Sewer capacity fee		-		66,500	66,500
System development fee		-		-	-
Interest income		4,000		4,289	289
Grant from Campbell County		98,200		121,269	23,069
Capital contributions	_	-		1,115,020	 1,115,020
Total nonoperating revenues	\$_	358,900	\$	1,609,403	\$ 1,250,503
Total revenues	\$	6,500,200	\$	7,742,057	\$ 1,241,857

Naruna Division

Schedule of Revenues - Budget and Actual For the Year Ended June 30, 2016

	_	Budget		Actual		Variance Favorable (Unfavorable)	
Operating revenues: Water fees	\$	80,000	\$	83,501	\$_	3,501	
Total operating revenues	\$	80,000	\$	83,501	\$	3,501	

Central/Rustburg Division

Schedule of Operating Expenses - Budget and Actual For the Year Ended June 30, 2016

Tor the real Lilidea Julie 30, 2010						Variance Favorable
		Budget		Actual		(Unfavorable)
Operating expenses:					-	
Source of supply:						
Purchase of water	\$	45,300	\$	13,125	\$	32,175
Water charges (460 East)		525,000		517,872		7,128
Chemicals		161,900		159,727		2,173
Electrical services		197,000		183,345		13,655
Maintenance		30,300		17,664		12,636
Equipment and supplies		28,000		32,607		(4,607)
Safety Uniforms		2,000 2,350		1,890		110 270
Fuel		2,350		2,080		2,500
Landfill fees		830		909		(79)
Vehicle expense		6,850		2,933		3,917
Telephone		2,850		2,594		256
Fees and charges		14,600		13,261		1,339
Office supplies		1,300		493		807
Total source of supply	\$	1,020,780	\$	948,500	\$	72,280
Wastewater treatment:						
Purchase of services - Lynchburg	\$	238,000	\$	301,367	\$	(63,367)
Chemicals		4,300		2,518		1,782
Electrical services		25,700		22,910		2,790
Maintenance		14,100		14,247		(147)
Equipment and supplies		15,300		14,920		380
Safety		1,000		1,226		(226)
Uniforms		800		682		118
Fuel		1,400		-		1,400
Vehicle expense		2,100		1,602		498
Landfill disposal		5,900		4,963		937
Fees and charges		7,900		4,969		2,931
Telephone		4,000		3,601		399
Office Supplies Concord WWTP		600		42		558
	_	700	_	-		700
Total wastewater treatment	\$	321,800	\$ <u> </u>	373,047	\$.	(51,247)
Maintenance and inspection: Electrical services	\$	193,700	\$	153,758	\$	39,942
Electrical repairs	ф	8,500	Φ	100,700	φ	8,500
Maintenance		226,100		342,939		(116,839)
Russell Woods pump station		-		385		(385)
Rustburg Elementary School pump station		3,900		702		3,198
Miss Utility fees		3,700		3,836		(136)
Equipment and supplies		65,200		56,864		8,336
Fire hydrants		109,300		106,312		2,988
Safety		2,300		2,465		(165)
Uniforms		3,200		2,385		815
Fuel		3,250		120		3,130
Vehicle Expense		26,500		13,984		12,516
Fees and charges		2,950		3,646		(696)
Telephone		2,500		2,041		459
Total maintenance and inspection	\$	651,100	\$	689,437	\$	(38,337)

Central/Rustburg Division

Schedule of Operating Expenses - Budget and Actual For the Year Ended June 30, 2016 (Continued)

		Budget		Actual	Variance Favorable (Unfavorable)
Operating expenses: (Continued)	_				_
Personnel:					
Salaries	\$	1,250,472	\$	1,244,026	\$ 6,446
Unemployment insurance		875		16	859
Health insurance		177,300		157,667	19,633
Disability insurance		6,200		5,619	581
Retirement benefits		120,200		91,368	28,832
FICA		95,661		91,783	3,878
Workmen's compensation		19,000		13,573	 5,427
Total personnel	\$	1,669,708	\$_	1,604,052	\$ 65,656
Administrative and general:					
Legal fees	\$	16,000	\$	2,076	\$ 13,924
Engineering fees		20,000		45,754	(25,754)
Auditing fees		27,000		23,240	3,760
Recording fees		100		237	(137)
Insurance general		40,100		37,628	2,472
Postage		40,000		35,162	4,838
Office and billing supplies		24,300		20,051	4,249
Service charge (over and short)		-		(113)	113
Bank fees		600		11	589
Office equipment contracts		74,800		73,359	1,441
Safety		-		417	(417)
Telephone		16,500		17,264	(764)
Electrical services		14,500		10,128	4,372
Advertising		2,250		2,283	(33)
Travel, mileage, and education		14,800		8,273	6,527
Dues, subscriptions, and donations		9,000		10,045	(1,045)
Janitorial supplies		1,500		1,117	383
Landfill fees		1,500		1,475	25
Maintenance office		15,000		9,796	5,204
Trustee fees		7,600		7,343	257
Fees and charges		25,600		23,202	2,398
Miscellaneous		-		(24,826)	 24,826
Total administrative and general	\$	351,150	\$_	303,922	\$ 47,228
Total operating expenses before					
depreciation	\$ <u> </u>	4,014,538	\$	3,918,958	\$ 95,580
Depreciation	\$		\$	1,557,398	\$ (1,557,398)
Total operating expenses	\$	4,014,538	\$	5,476,356	\$ (1,461,818)

Naruna Division

Schedule of Operating Expenses - Budget and Actual For the Year Ended June 30, 2016

	_	Budget	 Actual	 Variance Favorable (Unfavorable)
Operating expenses:				
Source of supply:				
Chemicals	\$	1,385	\$ 312	\$ 1,073
Electrical services		3,900	3,400	500
Maintenance		1,820	9,260	(7,440)
Equipment and supplies		1,200	9,924	(8,724)
Vehicle expense	_	515	 402	 113
Total source of supply	\$_	8,820	\$ 23,298	\$ (14,478)
Administrative and general:				
Insurance general	\$	2,600	\$ 2,087	\$ 513
Fees and charges	_	600	 133	 467
Total administrative and general	\$_	3,200	\$ 2,220	\$ 980
Total operating expenses before depreciation	\$_	12,020	\$ 25,518	\$ (13,498)
Depreciation	\$_	-	\$ 11,220	\$ (11,220)
Total operating expenses	\$ _	12,020	\$ 36,738	\$ (24,718)

Schedule 6

Capital Improvement Division Central/Rustburg Division

Schedule of Expenses For the Year Ended June 30, 2016

Other nonoperating expenses:	
New water services	\$ 21,327
Replacement radio read	12,583
New service laterals - Central/Rustburg Wastewater	 3,772
Total other nonoperating expenses	\$ 37,682

Revenue Bond Compliance Section 602 of Agreement of Trust At June 30, 2016

Computations supporting compliance with this section of the agreement are as follows:

### REVENUES BY "REVENUES" DEFINITION (SECTION 101 OF TRUST AGREEMENT)

Central and Rustburg Operating Income (Schedule 2) Availability Fees - Water	\$	6,132,654 157,700
Availability Fees - Sewage		81,400
Interest'		
Water and Wastewater Loans (Central & Rustburg)		841
Revenue Fund		-
Principal Account (Bonds)		-
Interest Account (Bonds)		-
Debt Service Reserve Account	<sub>e</sub> –	- 272 FOF
LESS Revenues (Net) transferred to Improvement Fund	\$	6,372,595
SUB-TOTAL	<sub>e</sub> –	(887,947)
30D-101AL	\$	5,464,046
ADD FOR COVENANT CALCULATION PER SECTION 602		
Equity Account Interest	\$	-
Operating Account Interest'		3,448
Improvement Fund @ June 30 in excess of \$500,000	_	6,371,453
SUB-TOTAL	\$	6,374,901
TOTAL SOURCES AVAILABLE	\$	11,859,549
REVENUE COVENANT REQUIREMENT:		
Operating expenses (Schedule 4)	\$	5,476,356
Amount required to be paid in Improvement Fund	·	-
115% of amount required to be paid into Bond Fund <sup>2</sup>		1,827,042
115% of amount of all other debt service scheduled for FY		-
Amount to be paid into the Debt Service Reserve Fund		_
Amount to be paid into the Best Service Reserve Fund	_	
TOTAL REVENUE COVENANT REQUIREMENTS	\$	7,303,398
EXCESS OF SOURCES AVAILABLE OVER REVENUE COVENANT REQUIREMENT	\$	4,556,151
LAGESS OF SOURCES AVAILABLE OVER REVENUE COVENANT REQUIREMENT	φ	4,550,151

Revenue Bond Compliance Section 602 of Agreement of Trust At June 30, 2016 (Continued)

<ul> <li>Reconcile Interest to Audit         Interest shown on worksheet         Improvement Fund Interest (In Fund B         General Construction Fund Interest         Restricted Interest (5400-70)         Unrealized gain/(loss) on investments     </li> </ul>		\$ -	4,289 - - - - - 4,289
<ul> <li>July through September, 2014         October, 2014         November, 2014 through March, 2015         April through June, 2015     </li> <li>15% Coverage Factor</li> </ul>		\$ - \$	416,213 126,313 629,767 416,440 1,588,733 1.15 1,827,043
Percent Debt Coverage Achieved			
Revenue by Covenant Expenses Payment to Debt Service Reserve Actual Debt Payments Made  EXCESS		\$ _	11,859,549 (5,476,356) - (1,588,733) 4,794,460
15% Required Debt Coverage (Excess)		\$	1,588,733 15% 238,310
Actual Debt Coverage Achieved - Excess/Act	ual Debt Payment EXCESS ACTUAL DEBT PAYMENT COVERAGE	\$ \$	4,794,460 1,588,733 302%

## - Statistical Section -

<u>Contents</u>	Tables
Financial Trends	
These tables contain trend information to help the reader understand how the Authority's financial performance has changed over time.	1-2
Revenue, Rates and Usage Information	
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This table contains comparative information about the Authority's expenses.	7
Debt Capacity	
These tables present information to help the reader assess the affordability of the Authority's current levels of outstanding debt and the Authority's ability to issue debt in the future.	8-9
Demographic and Economic Information	
These tables offer demographic and economic indicators to help the reader understand the environment within which the Authority's financial activities take place and to help make comparisons over time.	10-11
Operating Information	
These tables contain information about the Authority's operations and resources to help the reader understand how the Authority's financial information relates to the activities it performs.	12-14
Sources	

Unless otherwise noted, the information in these tables is derived from the comprehensive annual financial report for the relevant year.

Net Position by Component Last Ten Fiscal Years

		Fiscal Years Ended June 30,					
	2016		2015	2014	2013		
Net investment in capital assets	\$	51,032,599 \$	49,559,813 \$	47,822,657 \$	45,751,532		
Restricted		500,000	500,000	500,000	500,000		
Unrestricted	_	8,378,671	7,900,282	7,543,198	6,953,688		
Total net position	\$	59,911,270 \$	57,960,095 \$	55,865,855 \$	53,205,220		

_	2012	2011	2010	2009	2008	2007
\$	45,190,445 \$	43,134,844 \$	39,835,523 \$	37,731,391 \$	30,148,035 \$	28,765,780
	500,000	500,000	503,842	503,842	573,690	582,635
_	6,155,652	5,070,599	5,678,259	5,953,572	6,510,356	4,604,002
\$	51,846,097 \$	48,705,443 \$	46,017,624 \$	44,188,805 \$	37,232,081 \$	33,952,417

Changes in Net Position Last Ten Fiscal Years

	_	2016	Fiscal Years End 2015	2014	2013
Operating revenues: Water sales, charges and sewer charges	\$_	6,216,155 \$	6,106,067 \$	5,923,311 \$	5,708,387
Operating expenses: Source of supply Wastewater treatment Maintenance and inspection Personnel Administrative and general Depreciation and amortization	\$	971,798 \$ 373,047 689,437 1,604,052 306,142 1,568,618	945,314 \$ 297,071 506,247 1,541,147 268,306 1,908,543	927,580 \$ 291,115 400,525 1,495,566 317,424 1,491,463	942,914 267,650 426,625 1,595,327 316,351 1,505,456
Total operating expenses	\$_	5,513,094 \$	5,466,628 \$	4,923,673 \$	5,054,323
Operating income	\$_	703,061 \$	639,439 \$	999,638 \$	654,064
Nonoperating revenues (expenses): Interest income Interest expense Capital recovery fees Connection fees Sewer capacity fee System development fee Grant from Campbell County Payment to Campbell County Reimbursement of prior year availability fee Other nonoperating expenses	\$	4,289 \$ (323,607) 239,100 63,225 66,500 - 121,269 - (37,682)	5,066 \$ (362,239) 878,725 60,270 332,500 46,900 98,668 - (55,626)	14,354 \$ (421,280) 305,150 54,650 99,750 14,700 212,417 (123,689)	17,979 (469,778) 419,075 87,030 129,450 30,100 260,070
Total nonoperating revenues (expenses)  Income before capital grants and	\$ <u></u>	133,094 \$	1,004,264 \$	156,052 \$	292,730
contributions	\$	836,155 \$	1,643,703 \$	1,155,690 \$	946,794
Capital contributions	-	1,115,020	1,216,360	1,504,945	412,329
Change in net position	\$_	1,951,175 \$	2,860,063 \$	2,660,635 \$	1,359,123

_	2012	2011	2010	2009	2008	2007
\$_	5,537,066 \$	5,053,381 \$	4,629,864 \$	4,552,307 \$	4,490,797 \$	4,230,308
\$	928,754 \$ 299,838 394,358 1,498,082 284,210 1,240,752	967,096 \$ 229,077 335,035 1,469,652 273,194 1,324,268	868,653 \$ 227,986 340,886 1,442,454 244,330 1,184,683	937,394 \$ 206,374 433,396 1,420,630 287,245 1,140,359	895,666 \$ 167,008 316,599 1,421,334 317,711 1,058,257	856,959 168,341 325,968 1,251,501 313,716 1,002,347
\$	4,645,994 \$	4,598,322 \$	4,308,992 \$	4,425,398 \$	4,176,575 \$	3,918,832
\$_	891,072 \$	455,059 \$	320,872 \$	126,909 \$	314,222 \$	311,476
\$	19,939 \$ (489,059) 779,200 93,150 310,237 700 283,052 - (147,427)	21,982 \$ (510,503) 141,125 34,070 26,250 (52,859) 282,503 (114,292)	25,303 \$ (551,613) 340,509 102,163 31,500 62,300 280,997 - (127,775) (163,499)	34,625 \$ (584,472) 185,620 99,777 99,400 27,300 281,820 (1,478) - (227,114)	193,968 \$ (623,081) 1,478,111 110,974 73,250 121,800 285,843 - (327,345)	221,192 (568,854) 412,820 132,392 - 65,100 280,768 - (192,397)
\$_	849,792 \$	(171,724) \$	(115) \$	(84,522) \$	1,313,520 \$	351,021
\$	1,740,864 \$ 1,399,790	283,335 \$ 2,404,484	320,757 \$ 1,508,062	42,387 \$ 6,914,337	1,627,742 \$ 1,651,922	662,497 2,272,431
\$_	3,140,654 \$	2,687,819 \$	1,828,819 \$	6,956,724 \$	3,279,664 \$	2,934,928

Revenues by Source Last Ten Fiscal Years

	_	Operating Revenues	_			Nonopera	atir	ng Revenues		
Fiscal Years Ended June 30,		Water Sales Charges and Sewer Charges		Capital Interest Recovery Connection Income Fees Fees						Sewer Capacity Fee
2007	\$	4,230,308	\$	221,192	\$	412,820	\$	132,392	\$	-
2008		4,490,797		193,968		1,478,111		110,974		73,250
2009		4,552,307		34,625		185,620		99,777		99,400
2010		4,629,864		25,303		340,509		102,163		31,500
2011		5,053,381		21,982		141,125		34,070		26,250
2012		5,537,066		19,939		779,200		93,150		310,237
2013		5,708,387		17,979		419,075		87,030		129,450
2014		5,923,311		14,354		305,150		54,650		99,750
2015		6,106,067		5,066		878,725		60,270		332,500
2016		6,216,155		4,289		239,100		63,225		66,500

						Other		
	System Development Fee		Grant from Campbell County	Total Nonoperating Revenues		Capital Grants and Contributions		Total Revenues
_	(5.400	_	200 7/2	4 440 070	_	0.070.404	_	- /
\$	65,100	\$	280,768	\$ 1,112,272	\$	2,272,431	\$	7,615,011
	121,800		285,843	2,263,946		1,651,922		8,406,665
	27,300		281,820	728,542		6,914,337		12,195,186
	62,300		280,997	842,772		1,508,062		6,980,698
	(52,859)		282,503	453,071		2,404,484		7,910,936
	700		283,052	1,486,278		1,399,790		8,423,134
	30,100		260,070	943,704		412,329		7,064,420
	14,700		212,417	701,021		1,504,945		8,129,277
	46,900		98,668	1,422,129		1,216,360		8,744,556
	-		121,269	494,383		1,115,020		7,825,558

Schedule of Water and Sewer Rates Last Ten Fiscal Years

		_		Fi	iscal Years E	nded Ju	ıne 30,		
			2016		2015		2014		2013
Rates									
Base Fee									
	Meter Size		1/ 00	¢.	1/ 00	ф	1/ 00	ф	1/ 00
	3/4 x 5/8" 1"	\$	16.00	\$	16.00	\$	16.00	\$	16.00
	1 1 1/2"	\$	22.00 35.00	\$ \$	22.00 35.00	\$ \$	22.00 35.00	\$	22.00 35.00
	2"	\$ \$	53.00	\$	53.00	\$ \$	53.00	\$ \$	53.00
	3"	\$	104.00	\$	104.00	\$ \$	104.00	\$ \$	104.00
	3 4"	\$	154.00	\$	154.00	\$ \$	154.00		154.00
	4 6"	\$	254.00	\$	254.00	\$	254.00	\$ \$	254.00
	8"	\$	379.00	\$	379.00	\$	379.00	\$ \$	379.00
	Sewer Service	ф	379.00	φ	377.00	Ф	377.00	ф	3/7.00
	4"	<del></del>	12.00	\$	12.00	\$	12.00	\$	12.00
	6"	\$	28.00	\$	28.00	\$	28.00	\$	28.00
	8"	\$	47.00	\$	47.00	\$	47.00	\$ \$	47.00
	10"	\$	54.00	\$	54.00	\$	54.00	\$	54.00
	12"	\$	77.00	\$	77.00	\$ \$	77.00	\$ \$	77.00
	12	Ф	77.00	Ф	77.00	Ф	77.00	Ф	77.00
Commodity	and Disposal Charges								
	100 cubic feet)	\$	4.65	\$	4.65	\$	4.65	\$	4.65
	100 cubic feet)	\$	4.90	\$	4.90	\$	4.90	\$	4.90
Q.	,								
Service Con	nection Charges								
Water									
	Meter Size								
	3/4 x 5/8"	\$	1,500	\$	1,500	\$	1,500	\$	1,500
	1"	\$	2,100	\$	2,100	\$	2,100	\$	2,100
		•	_,,,,,	Ť	_,	*	_,	Ť	_,
	Over 1"		l cost plus minimum )		l cost plus minimum )	15%, ı	Actual cost plus 15%, minimum \$2,100		l cost plus minimum )
Sewage									
_	Meter Size								
·	4" service lateral	\$	1,900	\$	1,900	\$	1,900	\$	1,900
	Others		l cost plus minimum		l cost plus minimum		l cost plus minimum )		l cost plus minimum )
Sewer Cap	acity Fee	\$	1,750	\$	1,750	\$	1,750	\$	1,750
Capital Rec		Ψ	1,700	•	1,700	Ψ	1,700	Ψ	1,700
	Single Family Dwelling	\$	1,900	\$	1,900	\$	1,900	\$	1,900
	Multi-Family, per unit	\$	1,425	\$	1,425	\$	1,425	\$	1,425
	Motels, per unit	\$	475	\$	475	\$	475	\$	475
Sewage		*	5	*	5	+	5	7	.70
20ayo	Single Family Dwelling	\$	2,200	\$	2,200	\$	2,200	\$	2,200
	Multi-Family, per unit	\$	1,650	\$	1,650	\$	1,650	\$	1,650
	Motels, per unit	\$	550	\$	550	\$	550	\$	550
	motors, per unit	Ψ	550	Ψ	550	Ψ	550	Ψ	550
	n Fee (per acre)								
	ill billing district	\$	1,500	\$	1,500	\$	1,500	\$	1,500
Leesville Ro	ad Aid-to-Construction								
Fee (per a		\$	2,825	\$	2,750	\$	2,675	\$	2,600

	2012	2011		2010	2009	2008	2007
\$	15.00	\$ 13.00	\$	13.00	\$ 13.00	\$ 13.00	\$ 13.0
\$	21.00	\$ 18.00	\$	18.00	\$ 18.00	\$ 18.00	\$ 18.0
\$	33.00	\$ 28.00	\$	28.00	\$ 28.00	\$ 28.00	\$ 28.0
\$	50.00	\$ 43.00	\$	43.00	\$ 43.00	\$ 43.00	\$ 43.0
\$ \$	97.00	\$ 83.00	\$	83.00	\$ 83.00	\$ 83.00	\$ 83.0
	144.00	\$ 123.00	\$	123.00	\$ 123.00	\$ 123.00	\$ 123.0
\$	237.00	\$ 203.00	\$	203.00	\$ 203.00	\$ 203.00	\$ 203.0
\$	354.00	\$ 303.00	\$	303.00	\$ 303.00	\$ 303.00	\$ 303.0
\$	10.00	n/a		n/a	n/a	n/a	n/
\$	23.00	n/a		n/a	n/a	n/a	n/
\$	39.00	n/a		n/a	n/a	n/a	n/
\$ \$	45.00	n/a		n/a	n/a	n/a	n/
<b>\$</b>	64.00	n/a		n/a	n/a	n/a	n,
\$	4.50	\$ 4.20	\$	3.80	\$ 3.80	\$ 3.70	\$ 3.5
\$	4.75	\$ 4.75	\$	4.45	\$ 4.45	\$ 4.15	\$ 3.8
\$	1,500	\$ 1,500		/ \$1,500	\$ 950	\$ 950	\$ 9!
\$	2,100	\$ 2,100	\$1,1	00 / \$2,100	\$ 1,100	\$ 1,100	\$ 1,10
	cost plus minimum )	I cost plus minimum )	15%,	cost plus minimum 0/\$2,100	cost plus minimum	cost plus minimum )	cost plu: minimum )
\$	1,900	\$ 1,900	\$750	) / \$1,900	\$ 750	\$ 750	\$ 75
	cost plus minimum )	l cost plus minimum	15%,	cost plus minimum \$1,900	cost plus minimum	cost plus minimum	cost plus
\$	1,750	\$ 1,750	\$	1,750	\$ 1,750	n/a	n/
\$	1,900	\$ 1,900	\$1,500	0/\$1,900	\$ 1,500	\$ 1,500	\$ 1,50
\$	1,425	\$ 1,425	\$1,12	5/\$1,425	\$ 1,125	\$ 1,125	\$ 1,1:
\$	475	\$ 475	\$560/	\$475	\$ 560	\$ 560	\$ 5
\$	2,200	\$ 2,200		0/\$2,200	\$ 1,900	\$ 1,900	\$ 1,9
\$	1,650	\$ 1,650		5/\$1,650	\$ 1,425	\$ 1,425	\$ 1,4
Ф	550	\$ 550	\$725/	\$550	\$ 725	\$ 725	\$ 7.
\$							
\$ \$	1,500	\$ 1,500	\$	1,500	\$ 1,500	\$ 1,500	\$ 1,50

Water and Wastewater Flows Gallons In Thousands Last Ten Fiscal Years

Fiscal		
Year	Water	Wastewater
2007	590,106	116,167
2008	632,967	117,517
2009	560,901	121,105
2010	646,863	132,886
2011	664,578	132,294
2012	679,010	133,881
2013	769,007	136,104
2014	781,705	146,265
2015	773,239	179,367
2016	761,614	182,708

Principal Water and Wastewater System Customers Current Year and Nine Years Ago

		Water			
2016		2007			
Customer Name	Units	Amount Billed	Customer Name	Units	Amount Billed
Clayton Estate (Mobile Home Park)	18,676 \$	88,409	Clayton Estate (Mobile Home Park)	14,385 \$	52,320
Willow Brook Apartments	16,500	81,813	Willow Brook Apartments	9,309	34,853
Locust Gardens (Mobile Home Park)	6,748	31,696	Whitestone Village	6,668	24,859
Timken	6,473	31,431	Locust Gardens (Mobile Home Park)	6,264	22,496
37 West	6,251	30,066	Woodside Associates	5,734	20,614
Whitestone Village	5,200	25,632	Blue Ridge Regional Jail	3,847	14,769
Buffalo Creek (Mobile Home Park)	4,590	21,554	Gene R. Falwell (Mobile Home Park)	3,660	13,209
Blue Ridge Regional Jail	4,280	21,156	Buffalo Creek (Mobile Home Park)	3,362	12,103
Hampton Inn & Suites	4,273	20,949	Lynchburg Partners (Shopping Center)	2,674	9,859
Spring Hill Suites	3,960	19,494	LCS Trust (Apartments)	2,382	8,888

Volume and billing data are for period from July 1, 2015 through June 30, 2016. The ten largest customers together account for approximately 7.97% of total consumption and billings for retail water service.

Wastewater											
2016		2007									
Customer Name	Units	Amount Billed	Customer Name	Units	Amount Billed						
Willow Brook Apartments	16,500 \$	82,002	Willow Brook Apartments	9,309 \$	35,840						
37 West	6,251	30,702	Whitestone Village	6,668	25,672						
Whitestone Village	5,200	26,272	Blue Ridge Regional Jail	3,847	14,811						
Blue Ridge Regional Jail	4,280	21,044	Lynchburg Partners (Shopping Center)	2,674	10,295						
Hampton Inn & Suites	4,273	21,010	LCS Trust (Apartments)	2,382	9,171						
Spring Hill Suites	3,960	19,476	Runk & Pratt	2,382	9,171						
LCS Trust (Apartments)	2,937	14,679	Five Flags Car Wash	1,904	7,330						
Lynchburg Partners (Shopping Center)	2,661	13,183	Progress Printing	1,646	6,337						
Wards Crossing West	2,579	12,853	Maytag	1,138	4,381						
TCS Enterprises (Car Wash)	2,256	11,126	Brookville High School	1,048	4,035						

Volume and billing data are for period from July 1, 2015 through June 30, 2016. The ten largest customers together account for approximately 20.71% of total consumption and billings for sewage service.

Expenses by Type Last Ten Fiscal Years

Fiscal Years Ended	Source of		Wastewater		Maintenance and		Administrative and
June 30,	Supply	_	Treatment	_	Inspection	 Personnel	 General
2007	\$ 856,959	\$	168,341	\$	325,968	\$ 1,251,501	\$ 313,716
2008	895,666		167,008		316,599	1,421,334	317,711
2009	937,394		206,374		433,396	1,420,630	287,245
2010	868,653		227,986		340,886	1,442,454	244,330
2011	967,096		229,077		335,035	1,469,652	273,194
2012	928,754		299,838		394,358	1,498,082	284,210
2013	942,914		267,650		426,625	1,595,327	316,351
2014	927,580		291,115		400,525	1,495,566	317,424
2015	945,314		297,071		506,247	1,541,147	268,306
2016	971,798		373,047		689,437	1,604,052	306,142

Table 7

-	Depreciation and Amortization		erest ense	Other Nonoperatin Expenses	g 	Total
\$	1,002,347	\$ 50	68,854 \$	192,39	7 \$	4,680,083
	1,058,257	62	23,081	327,34	.5	5,127,001
	1,140,359	58	84,472	228,59	2	5,238,462
	1,184,683	5!	51,613	291,27	4	5,151,879
	1,324,268	5	10,503	114,29	2	5,223,117
	1,240,752	48	89,059	147,42	.7	5,282,480
	1,505,456	40	69,778	181,19	6	5,705,297
	1,491,463	42	21,280	123,68	9	5,468,642
	1,908,543	30	62,239	55,62	.6	5,884,493
	1,568,618	32	23,607	37,68	2	5,874,383

Outstanding Debt by Type Last Ten Fiscal Years

	Fiscal Ye	ears Ended June	30,
	2016	2015	2014
Revenue bonds payable Notes payable	\$ 8,513,300 \$ 825,142	9,814,200 \$ 880,661	11,198,400 1,304,456
Total outstanding debt	\$ 9,338,442 \$	10,694,861 \$	12,502,856
Debt per capita	\$ 166.26 \$	190.19 \$	226.36
Debt as a percentage of personal income	0.19%	0.23%	0.28%

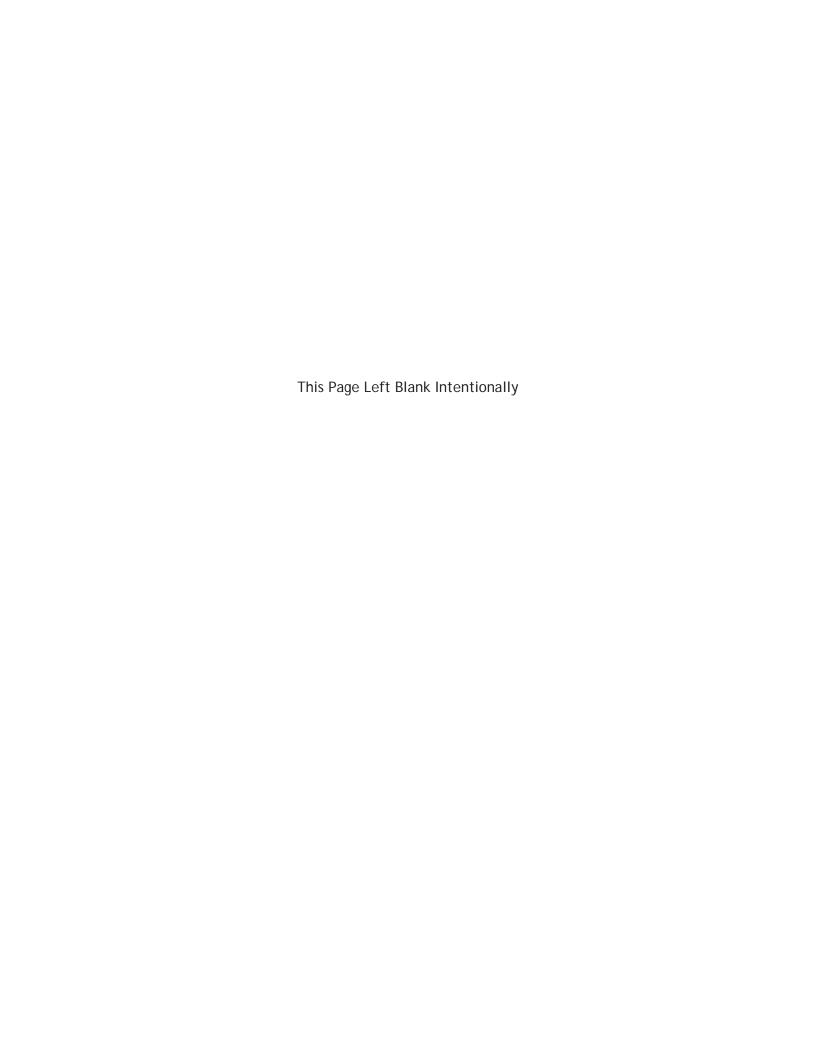
#### Notes:

Debt per capita was calculated based on population figures for the calendar year (CY) ending within the fiscal year (FY) obtained from U.S. Department of Commerce - Bureau of Economic Analysis for the County of Campbell. See Table 10.

Debt as a percentage of personal income was calculated based on personal income for the CY ending within the FY obtained from U.S. Department of Commerce - Bureau of Economic Analysis for the County of Campbell.

Commencing 2008, data for Campbell County is combined with Lynchburg City. Separate data is no longer available. See Table 10.

	2013	2012	2011	2010	2009	2008	2007
\$	12,492,500 \$	13,216,261 \$	11,319,406 \$	12,372,525 \$	13,387,934 \$	14,366,581 \$	15,123,958
	989,080	1,077,443	993,182	1,022,550	970,342	1,052,113	1,120,321
\$	13,481,580 \$	14,293,704 \$	12,312,588 \$	13,395,075 \$	14,358,276 \$	15,418,694 \$	16,244,279
-							
\$	244.99 \$	261.03 \$	224.51 \$	256.43 \$	273.00 \$	295.88 \$	312.29
	0.31%	0.34%	0.30%	0.34%	0.36%	0.40%	1.15%



Revenue Bond Debt Service Coverage Last Ten Fiscal Years

Fiscal Years Ended June 30,	 Gross Revenue (1)	_	Direct Operating Expense (1)	_	Net Available	 Required Debt Service Payments (2)	Coverage
2007	\$ 6,107,295	\$	4,138,055	\$	1,969,240	\$ 1,235,603	1.59
2008	7,762,054		4,679,775		3,082,279	1,575,686	1.96
2009	7,985,927		4,846,140		3,139,787	1,573,895	1.99
2010	7,556,768		4,692,514		2,864,254	1,574,809	1.82
2011	7,007,511		4,709,479		2,298,032	1,443,668	1.59
2012	11,247,408		6,209,457		5,037,951	1,582,990	3.18
2013	8,865,387		6,378,807		2,486,580	1,344,059	1.85
2014	9,306,738		6,509,351		2,797,387	1,622,923	1.72
2015	10,622,437		7,039,327		3,583,110	1,591,616	2.25
2016	11,859,549		7,065,088		4,794,461	1,588,732	3.02

- (1) Amounts per Schedule 7 Revenue Bond Compliance
- (2) Including payments on revenue bonds and contracts payable
  Fiscal year 2012 Required Debt Service Payments amount excludes refunding
  and early payoff since the payments were not required to be made in that year

Demographic Data for the Service Area Campbell County, Virginia Last Ten Calendar Years

Calendar Year	Population (1)	Personal Income (thousands of \$) (3)	Per Capita Personal Income (\$) (3)	Unemployment Rate (2)
2015	56,167	4,796,786	35,559	4.80%
2014	56,232	4,613,912	34,450	5.30%
2013	55,235	4,468,968	33,538	5.47%
2012	55,030	4,371,387	33,053	6.00%
2011	54,759	4,227,599	32,161	6.70%
2010	54,842	4,063,813	33,046	6.20%
2009	52,237	3,962,812	32,698	7.20%
2008	52,595	4,022,605	33,297	4.00%
2007	52,112	1,488,006	29,445	3.40%
2006	52,016	1,408,808	27,084	3.20%

<sup>(1)</sup> Weldon Cooper Center, University of Virginia

<sup>(2)</sup> U.S. Department of Commerce - Bureau of Economic Analysis, for Campbell + Lynchburg

<sup>(3)</sup> U.S. Department of Commerce - Bureau of Economic Analysis, Commencing 2008, data for Campbell County is combined with Lynchburg City. Separate data is no longer available.

2007

Principal Employers in the Campbell Area Current Year and Nine Years Ago

				% of Total
Employer	Industry	Employees	Rank	Employment
BWX	Nuclear	1,000 +	1	4% +
Campbell County Schools	Public Education	1,000 +	2	4% +
BGF Industries	Fiberglass fabric	500-999	3	2%-4%
Abbott Industries	Pharmaceuticals	250-499	4	1%-2%
Campbell County Govt	Local Government	250-499	5	1%-2%
Moore's Electric & Mech.	Contractor/Electrical	250-499	6	1%-2%
Wal Mart	General Merchandise Stores	250-499	7	1%-2%
Food Lion	Food and Beverage Stores	250-499	8	1%-2%
Timken Company	Automative Parts	250-499	9	1%-2%
Schrader International	Transportation Equipment Manufacturing	250-499	10	1%-2%
Totals		4,250 +		17% +

Total employed 25,223

				% of Total
Employer	Industry	Employees	Rank	Employment
BWX	Nuclear	1,000 +	1	4% +
Campbell County Schools	Public Education	1,000 +	2	4% +
BGF Industries	Fiberglass fabric	500-999	3	2%-4%
Abbott Industries	Pharmaceuticals	500-999	4	2%-4%
Schrader International	Transportation Equipment Manufacturing	250-499	5	1%-2%
Intermet		250-499	6	1%-2%
Campbell County Govt	Local Government	250-499	7	1%-2%
Timken Company	Automative Parts	250-499	8	1%-2%
Progress Printing		250-499	9	1%-2%
Moore's Electric & Mech.	Contractor/Electrical	250-499	10	1%-2%
Totals		4,500 +		19% +

Total employed 27,811

Source: Employer data; Virginia Employment Commission - as of 4th Quarter, 2015 and 2006

Number of Employees by Identifiable Activity Last Ten Fiscal Years

	Fiscal Years Ended June 30,			
	2016	2015	2014	2013
Number of budgeted full-time equivalent positions:				
Administration (1)	4.0	4.0	4.0	4.0
Water Treatment (2)	5.0	5.0	5.0	5.0
Wastewater Treatment (3)	2.0	2.0	2.0	2.0
Maintenance/Inspection/Inventory (4)	7.0	7.0	7.0	7.0
Customer Service FT	2.0	2.0	2.0	2.0
Customer Service PT	1.0	1.0	0.0	0.0
Part Time or Temp	0.0	0.0	0.0	0.0
Total	21.0	21.0	20.0	20.0

- (1) Administration staff includes the Administrator and Operations Superintendent (currently these positions are combined), Utilities Engineer, Office Manager and GIS/IT Technician. These positions have water and wastewater functions that vary per year and per position.
- (2) Water Treatment employees work approximately 93% for the Central System and 7% for Naruna.
- (3) As of FY11, a small wastewater treatment facility was constructed to serve Concord Elementary School. Wastewater employees work approximately 4% for the new Concord Wastewater Treatment Facility.
- (4) Maintenance/Inspection/Inventory employees have water and wastewater functions.

Table 12

2012	2011	2010	2000	2000	2007
2012	2011	2010	2009	2008	2007
5.0	5.0	5.0	6.0	6.0	5.0
5.0	5.0	5.0	5.0	5.0	5.0
2.0	2.0	2.0	2.0	2.0	2.0
8.0	7.0	7.0	7.0	7.0	7.0
2.0	2.0	2.0	2.0	1.0	1.0
0.0	0.0	0.0	0.0	1.0	1.0
0.0	0.0	0.0	0.0	0.0	1.0
22.0	22.0	22.0	22.0	21.0	21.0
22.0	22.0	22.0		21.0	21.0

Operating and Capital Indicators Last Ten Fiscal Years

	Fiscal Years Ended June 30,			
	2016	2015	2014	2013
Water				
Size of watershed (square miles)	315	315	315	315
Raw water safe yield (mgd)				
Urban system	13.82	13.82	13.82	13.82
Miles of pipelines	184.00	184.00	180.00	179.00
Number of treatment plants	1	1	1	1
Number of pumping stations	3	3	3	3
Number of reservoirs	1	1	1	1
Number of finished water storage tanks	10	10	10	9
Maximum treatment capacity (mgd)	4.100	4.100	4.000	4.000
Water treated (mgd)	2.200	2.200	2.100	2.100
Unused capacity (mgd)	1.900	1.900	1.900	1.900
Percentage of capacity utilized	53.00%	53.00%	52.50%	52.50%
Wastewater				
Miles of pipelines	48.20	48.20	48.20	48.20
Number of treatment plants	1	1	1	1
Number of pumping stations	15	15	15	15
Maximum treatment capacity (mgd)	0.200	0.200	0.200	0.200
Wastewater treated (mgd)	0.073	0.073	0.073	0.073
Unused capacity (mgd)	0.127	0.127	0.127	0.127
Percentage of capacity utilized	36.50%	36.50%	36.50%	36.50%

Notes: mgd = millions of gallons per day

Safe yield is a measure of raw water resources during a drought of record.

Table 13

2012	2011	2010	2009	2008	2007
315	315	315	315	315	315
13.82	13.82	13.82	13.82	13.82	13.82
179.00	179.00	179.00	179.00	179.00	179.00
1	1	1	1	1	1
3	3	3	3	3	3
1	1	1	1	1	1
9	9	9	9	9	9
4.120	4.120	4.120	4.120	4.120	4.120
1.862	1.823	1.762	1.604	1.860	1.700
2.258	2.297	2.358	2.516	2.260	2.420
45.19%	44.25%	42.77%	38.93%	45.15%	41.26%
48.20	48.20	48.20	48.20	48.20	48.20
1	1	1	1	1	1
15	14	14	14	13	13
0.200	0.200	0.200	0.200	0.200	0.200
0.073	0.074	0.088	0.086	0.087	0.083
0.127	0.126	0.112	0.114	0.113	0.117
36.50%	37.00%	44.00%	43.00%	43.50%	41.50%

Water and Wastewater System Connections Last Ten Fiscal Years

Fiscal Year	Water	Wastewater	
2007	6,990	1,890	
2008	7,234	1,997	
2009	7,313	2,033	
2010	7,399	2,066	
2011	7,464	2,086	
2012	7,558	2,155	
2013	7,669	2,216	
2014	7,780	2,285	
2015	7,866	2,327	
2016	7,958	2,379	

# ROBINSON, FARMER, COX ASSOCIATES

CERTIFIED PUBLIC ACCOUNTANTS

A PROFESSIONAL LIMITED LIABILITY COMPANY

Independent Auditors' Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements

Performed in Accordance with Government Auditing Standards

To the Honorable Board Members Campbell County Utilities and Service Authority Lynchburg, Virginia

We have audited, in accordance with the 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 *Specifications for Audits of Authorities, Boards, and Commissions*, issued by the Auditor of Public Accounts of the Commonwealth of Virginia, the financial statements of the business-type activities of Campbell County Utilities and Service Authority as of and for the year ended June 30, 2016, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements and have issued our report thereon dated December 29, 2016.

#### Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority'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 opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

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

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

#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether Campbell County Utilities and Service Authority's financial statements are free from 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 Authority'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 Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Hobinson, Famul, Cox Associats Charlottesville, Virginia December 29, 2016