

Fauquier County
Water and Sanitation Authority
Warrenton, Virginia

**Comprehensive Annual
Financial Report**



**YEARS ENDED
JUNE 30, 2021 AND 2020**

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

WARRENTON, VIRGINIA

Comprehensive Annual Financial Report
Years Ended June 30, 2021 and 2020

Prepared by:

Deborah A. Whitley
Director of Finance

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Comprehensive Annual Financial Report Years Ended June 30, 2021 and 2020

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FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

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OFFICERS AND BOARD MEMBERS

Michael J. Focazio – Chairperson
William G. Downey – Vice-Chairperson/Treasurer
Richard Gerhardt
Ross W. D'Urso
A. William Chipman, III

AUDIT COMMITTEE

Ross W. D'Urso
A. William Chipman, III

SENIOR MANAGEMENT

Benjamin R. Shoemaker, Executive Director
Cheryl St. Amant, Associate Executive Director
Deborah A. Whitley, Director of Finance

FAUQUIER COUNTY
WATER & SANITATION AUTHORITY

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Warrenton, Virginia 20187-3907
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December 1, 2021

Board of Directors of the
Fauquier County Water and Sanitation Authority
Fauquier County, Virginia

Gentlemen:

The Comprehensive Annual Financial Report for the Fauquier County Water and Sanitation Authority (Authority) for the year ended June 30, 2021 is submitted herewith. Financial data, including all appropriate disclosures, have been prepared in accordance with the standards for financial reporting promulgated or permitted by the Governmental Accounting Standards Board.

Management is responsible, in all material respects, for the accuracy of this data and the completeness and fairness of these presentations, including all disclosures. We believe the data presents fairly the financial position and results of operations of the Authority for the year ended June 30, 2021.

Generally Accepted Accounting Principles require that management provide a narrative introduction, overview, and analysis to accompany the basic statements in the form of Management's Discussion and Analysis (MD&A). This transmittal letter is designed to complement the MD&A and should be read in conjunction with it. The Authority's MD&A is included in the Financial Section of this report, immediately following the report of the independent auditors.

The Authority

The Fauquier County Water and Sanitation Authority is an independent political subdivision of the Commonwealth empowered by the Virginia Water and Waste Authorities Act §15.2-5100 et seq. of the Code of Virginia, 1950 as amended, to provide water and sewer service in the County of Fauquier. The Authority was first chartered in 1964 and is governed by a five-member Board. Individual Board Members are appointed by the Fauquier County Board of Supervisors and serve four-year terms. The Authority Board appoints the Executive Director, who is responsible for the daily management of the Authority.

*Economic
Conditions and
Outlook*

The Authority is located in rural Fauquier County approximately 40 miles southwest of Washington, D.C., and 95 miles northwest of Richmond. The service area of the Authority is traversed by several highways providing access to the metropolitan area and surrounding jurisdictions. The Authority owns and operates fourteen public water systems and three wastewater (sewer) treatment plants; and operates an additional two water systems.

As the COVID-19 pandemic continues to rage on, the local economy in Fauquier County has improved as evident in the decreased unemployment rate. Estimated population in Fauquier County as of July 2021 is approximately 70,996. This is expected to exceed 78,259 by the year 2030 and 84,973 by the year 2040. Per the Virginia Employment Commission, as of July 2021, the total civilian labor force in Fauquier County was 36,977, of which 35,828 are employed, and 1,149 are unemployed. The unemployment rate dropped to 3.1% from 5.7 % in 2020; almost reaching the pre-pandemic figure of 2.6% from 2019.

The Authority provides water and/or wastewater services to single and multi-family housing developments, county schools, a federal complex, and various shopping centers. The Authority experienced an increase in customer base as water and wastewater connections grew by 218 and 195, respectively, in FY2021. However, Availability fee revenue decreased by \$65,210 and Developer Contributions flatlined in FY2021 as new development slowed down in the service areas.

*Internal Control
Structure and
Budgetary
Controls*

The Authority's management is responsible for establishing and maintaining internal controls. Estimates and judgments by management are required to assess the expected benefits and related costs of internal control policies and procedures. Internal controls are designed to provide reasonable, but not absolute, assurances regarding: (1) the safeguarding of assets against loss from unauthorized use or disposition; and (2) the reliability of financial records used to prepare financial statements that are free of any material misstatements. The concept of reasonable assurance recognizes that: (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the evaluation of costs and benefits require estimates and judgments made by management. Management reviews internal controls on a continuous basis.

The Authority Board annually adopts an Operating Budget and Capital Improvement Plan prepared by the Finance Department and approved by Management. Revenue and expenditure projections are based on historic performance, operational needs, current trends, events and developments in regulatory, local markets, building developments, and environmental activities.

The Authority controls current expenses at both the functional and operating division levels. Division managers are responsible for budgetary items that are controllable within their divisions. The Finance department is responsible for general Authority costs, as well as monitoring expenses by function for the Authority. Controlling all expenses at different levels strengthens the overall budgetary and management controls.

*Relevant
Financial
Policies*

The Authority is committed to fiscal integrity and financial leadership. It operates as an enterprise fund, has no taxing power, and receives no financial assistance from Fauquier County. In May 2021, the Authority adopted new financial policies intended to reinforce its commitment to provide high quality services as economically as possible and recognize the overarching priority of protecting the investment its customers have made in the system. Authority funds are invested with the following objectives in order of priority: (1) Legality – funds are only invested in those investments permitted by federal, state, and local law as it relates to public funds, (2) Safety – investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the portfolio, (3) Liquidity – the investment portfolio shall remain sufficiently liquid to meet all cash requirements that may be reasonably anticipated, and (4) Yield – the portfolio shall be designed to attain a fair rate of return consistent with the investment risk constraints and cash flow characteristics of the portfolio. Funds held for capital projects are invested in accordance with these objectives in addition to ensuring compliance with U.S. Treasury arbitrage regulations.

The state and federal governments enacted regulations dated December 31, 2010 on the nutrient quality of wastewater entering the Chesapeake Bay and its tributaries. The Authority implemented a two-phase plan to meet these regulatory requirements. The first-phase upgrades, completed in FY2012, allowed credit trading of nutrients between two of the plants, Remington WWTP and Marshall WWTP, to assist in meeting the regulatory requirements. In FY2020, the Authority completed a capacity evaluation for the Remington WWTP and Marshall WWTP. This evaluation included a review of regulatory requirements and funding options, development of flow and load projections for a 20-year planning horizon (2040), capacity evaluations for existing facilities, and a summary of recommendations for each plant. The RWWTP and MWWTP, in addition to other regulatory requirements, are subject to the Chesapeake Bay TMDL Program and associated nutrient discharge limitations. Watershed Implementation Plans (WIPs) have been instituted to require a phased approach for reducing nutrient discharge to the Bay. The next phase of the WIPs (Phase III) was first introduced in 2019. The WIP Phase III may require more stringent annual nutrient discharge limitations for all facilities discharging to the Chesapeake Bay. Given this development, the FCWSA initiated this evaluation to determine potential required upgrades at the RWWTP and MWWTP to meet regulatory requirements including WIP Phase III, flow and load projections, and repair/replacement of aging assets over the next 20 years (2040). As a result, the Authority will begin phase two of upgrades on the Remington and Marshall wastewater treatment plants at a potential cost of \$31 million and \$21 million, respectively, when required by regulatory permit in conjunction with growth affecting flows and load over the next 20 years (2040).

Debt service in FY2021 was \$1,838,578 and will reduce to \$736,707.86 in FY2031.

The Authority adopted an overall \$30.1 million, 5-year Capital Improvement Plan in its FY2022 budget. Of which, \$13.2 million is for its Capital Improvement Plan (CIP) projects for water exploration, sources, storage, and treatment facilities; and \$16.9 million is for its Replacement and Renewal Program (R&R) for repairs and upgrades to its existing water and wastewater systems.

*Independent
Audit*

The *Code of Virginia* requires that an external audit be performed annually. The Authority's financial statements for the year ended June 30, 2021 have been audited by Robinson, Farmer, Cox Associates, an independent firm of licensed certified public accountants. The fiscal year 2021 Independent Auditors' Report is in the financial section of this report.

Awards

The Governmental Finance Officers Association (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Fauquier County Water & Sanitation Authority for its Comprehensive Annual Financial Report for the fiscal year ended June 30, 2020. This is the fourteenth consecutive year the Authority has achieved this prestigious award recognizing conformance with the highest standards for preparation of state and local governmental financial reports. To be awarded a Certificate of Achievement, a government must publish an easily readable, and efficiently organized comprehensive annual financial report, whose contents conform to program standards. Said report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year. The Authority believes our current Comprehensive Annual Financial Report conforms to the Certificate of Achievement Program requirements, and we are submitting the Comprehensive Annual Finance Report to the GFOA to determine its eligibility for a Certificate for FY2021.

The GFOA awarded its Distinguished Budget Presentation Award to the Authority for fiscal year 2021 for the first time.

Acknowledgments

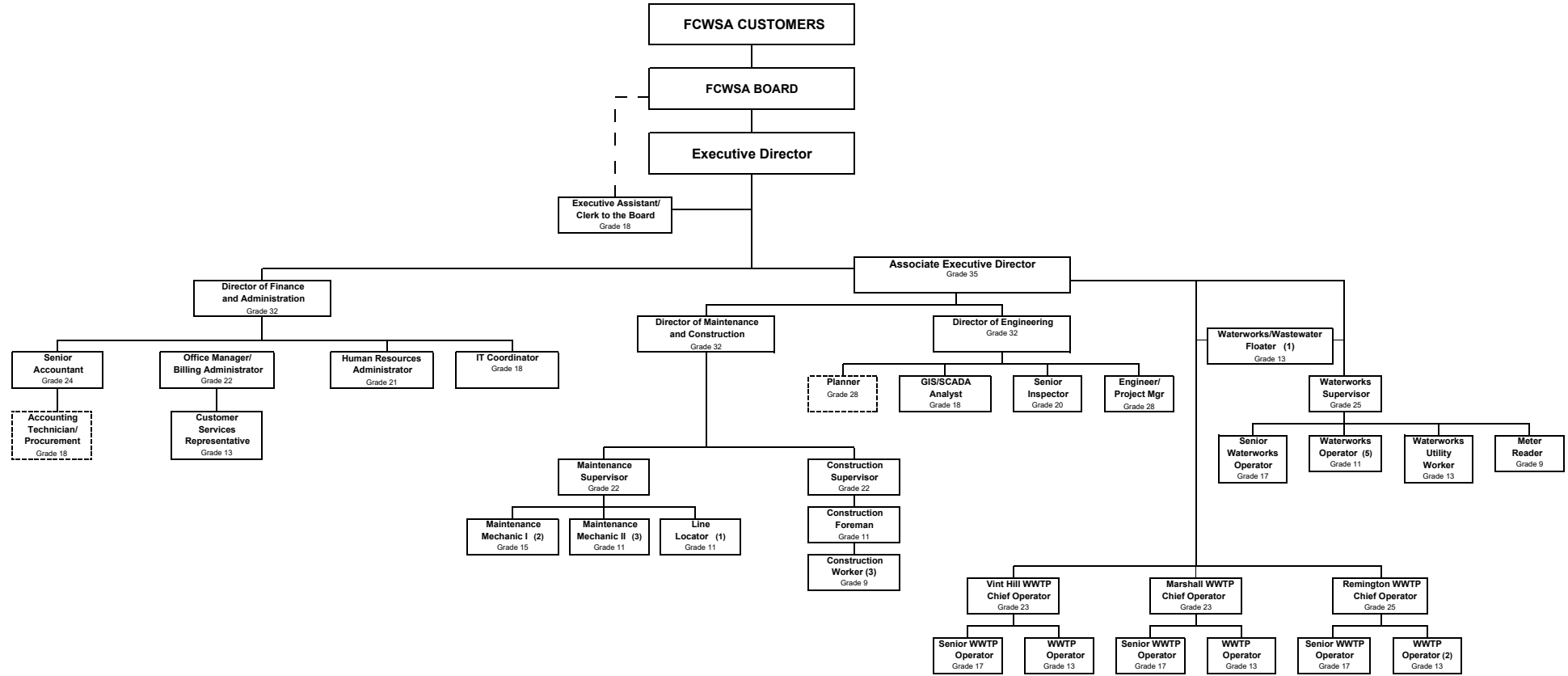
The preparation of this report could not have been accomplished without the efficient and dedicated services of the Finance and Administration staff of the Authority. All members of the division have my sincere appreciation for their contributions to the preparation of this report. I would also like to thank the Executive Director and Board of Directors for their interest and support in planning and conducting the financial operations of the Authority in a responsible and progressive manner.

Respectfully submitted,



Deborah A. Whitley
Director of Finance

FCWSA ORGANIZATION
FY2021





Government Finance Officers Association

**Certificate of
Achievement
for Excellence
in Financial
Reporting**

Presented to

**Fauquier County Water & Sanitation Authority
Virginia**

For its Comprehensive Annual
Financial Report
For the Fiscal Year Ended

June 30, 2020

Christopher P. Morill

Executive Director/CEO



ROBINSON, FARMER, COX ASSOCIATES, PLLC

Certified Public Accountants

Independent Auditors' Report

**To The Honorable Members of the Board of Directors
Fauquier County Water and Sanitation Authority
Warrenton, Virginia**

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities of Fauquier County Water and Sanitation Authority as of and for the years ended June 30, 2021 and 2020, 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 audits. We conducted our audits 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 entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities of the Fauquier County Water and Sanitation Authority, as of June 30, 2021 and 2020, and the changes in financial position, and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3-10, and schedules related to pension and OPEB funding on pages 52-58 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Fauquier County Water and Sanitation Authority's basic financial statements. The introductory section and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements.

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 1, 2021, on our consideration of the Fauquier County Water and Sanitation 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 solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Fauquier County Water and Sanitation Authority's 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 Fauquier County Water and Sanitation Authority's internal control over financial reporting and compliance.

Robinson, Farmer, Cox Associates

Charlottesville, Virginia

December 1, 2021

MANAGEMENT'S DISCUSSION AND ANALYSIS

The following discussion and analysis of the Fauquier County Water and Sanitation Authority's (the Authority) financial performance provides a narrative overview of the financial activities of the Authority for the Fiscal Year (FY) ending June 30, 2021. The Authority's mission is to provide quality, reliable water and wastewater services to its current and future customers in an environmentally responsible and sustainable manner. To accomplish this, the Authority set its FY2021 budget focus on customer service, water and wastewater system upgrades, supervisory control and data acquisition (SCADA) upgrades, wastewater inflow and infiltration (I&I) rehabilitation, equipment replacement, and master planning. We encourage readers to consider the information presented here in conjunction with the audited financial statements that follow this section.

FINANCIAL HIGHLIGHTS

- Net Capital Assets increased by \$1,068,171 as a result of the completion of the New Baltimore High Rock E1 Rehabilitation, the Well Lot Fencing Project, 17/66 PLC Upgrades, Anderson Avenue Line Replacement, and I&I projects in Remington and Marshall; as well as the purchase of land in Opal, Virginia and Machinery and Equipment;
- Construction in Progress projects increased by \$1,795,706 in FY2021;
- Net Position increased by \$651,238 from \$88,116,571 to \$88,767,674;
- Total Revenues were \$12,936,222; and Total Expenses were \$12,284,984;
- Net Operating Income was \$50,875 in FY2021 and \$55,906 in FY2020;
- The Authority has received unmodified audit opinions for over thirty years and has received the Government Finance Officers Association's (GFOA) Certificate of Achievement for Excellence in Financial Reporting for the past fourteen years. And for the first time, the Authority was awarded the Distinguished Budget Presentation Award from GFOA for FY2021.

OVERVIEW OF THE FINANCIAL STATEMENTS

This Comprehensive Annual Financial Report (CAFR) is presented in three main sections. The Introductory Section includes the Letter of Transmittal, the GFOA Certificate of Achievement, a list of Authority Board Members and Officers, and an Organizational Chart. The Financial Section includes the Independent Auditors' Report, Management's Discussion and Analysis, the Basic Financial Statements with related notes, and Required Supplementary Information. The Statistical Section includes selected financial and demographic information about the Authority and the surrounding area.

There are three financial statements included in the Financial Section of this report – Statement of Net Position; Statement of Revenues, Expenses and Changes in Net Position; and Statement of Cash Flows. The Statement of Net Position includes the Authority's assets and liabilities using the accrual basis of accounting. It provides the basis for evaluating the capital structure of the Authority, and its liquidity and flexibility. All current and prior years' revenues and expenses are accounted for in the Statement of Revenues, Expenses and Changes in Net Position. This statement measures the performance of the Authority's operations over the past year and can be used to determine whether the Authority has successfully recovered its costs through user fees and other charges. The Statement of Cash Flows reports the cash provided and used by operating activities, as well as other cash sources, such as investment income and cash payments for debt and capital additions. The notes to the financial statements provide additional information that is essential for a full understanding of the data provided in the statements.

FINANCIAL ANALYSIS

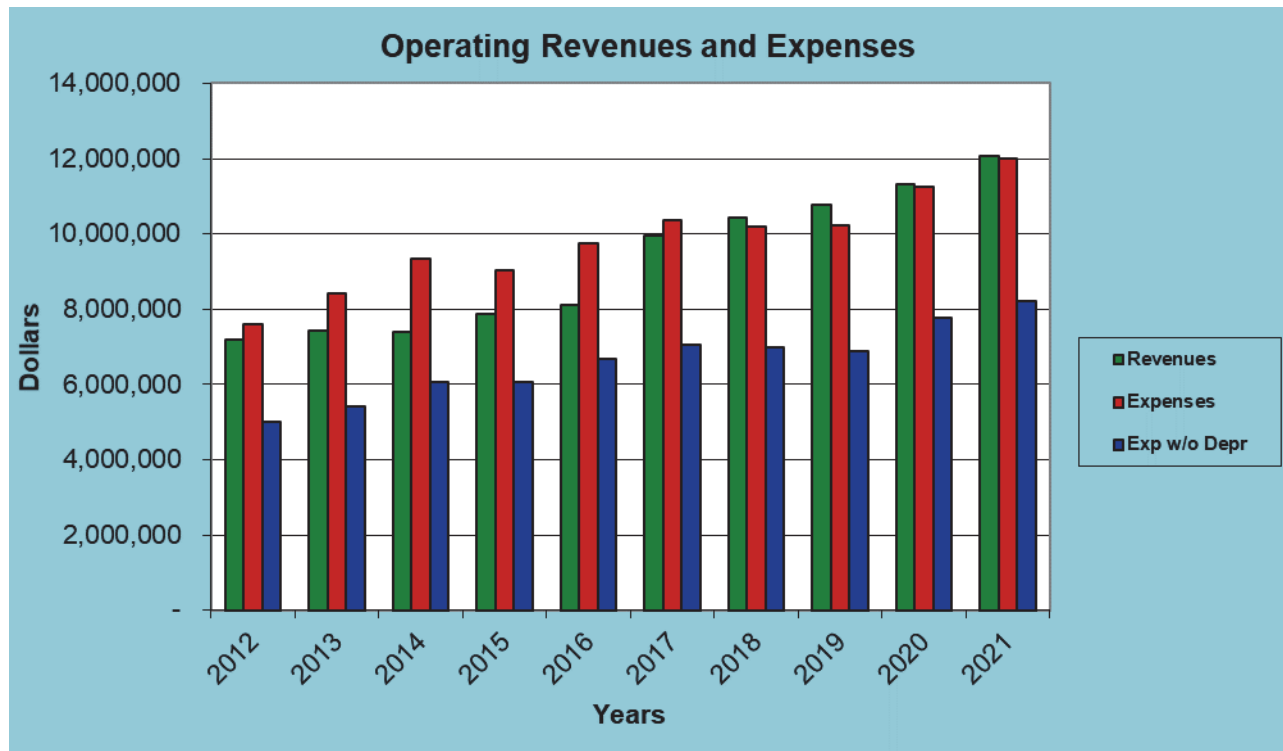
The Statement of Net Position and the Statement of Revenues, Expenses and Changes in Net Position report information about the Authority's activities that determine if the overall financial position has improved during the year. These two statements help determine the financial health of the organization, and whether its financial position is improving or deteriorating. Non-financial factors such as economic conditions, population growth, and changes in governmental legislation need to be considered as well. The Authority's financial strength has continued to improve during FY2021 as Operating Revenues are covering Operating Expenses as described in the following sections of this report.

Net Position and Liabilities - The Authority's **Total Net Position** increased in FY2021 by \$651,238, or 0.7%, as compared to Net Position as of June 30, 2020. Total Net Position in FY2020 increased by \$1.2 million, or 1.4%, as compared to Net Position as of June 30, 2019. Total Net Position increased in FY2019 by \$5.7 million, or 7.1%, as compared to Net Position as of June 30, 2018. A significant portion of the increase in FY2020 and FY2021 was due to Capital Contributions, however, no capital contributions were received in FY2021. Capital contributions were \$0, \$0.3 and \$3.5 million in FY2021, FY2020 and FY2019, respectively. Availabilities fees of \$0.8, \$0.8, and million in FY2021, FY2020, and FY2019, respectively, contributed to the increase in Net Position as well. In FY2021 the **Total Liabilities** decreased by \$0.4 million, or 2.8%, from FY2020. In FY2020, Total Liabilities increase by \$0.3 million, or 2%, from FY2019 as a new capital lease was obtained for heavy equipment and machinery. FY2019's Total Liabilities decreased by \$2 million, or 12.6% from FY2018. The following table depicts the Authority's assets and liabilities as of June 30, 2021, 2020, and 2019:

	Net Position		
	2021	2020	2019
Current and other assets	\$ 20,255,993	\$ 21,531,164	\$ 21,064,890
Capital assets	81,517,247	80,449,076	79,717,265
Deferred outflows of resources	1,054,416	600,159	284,324
Total assets and deferred outflows of resources	<u>\$ 102,827,656</u>	<u>\$ 102,580,399</u>	<u>\$ 101,066,479</u>
Noncurrent liabilities	\$ 11,062,169	\$ 11,788,414	\$ 11,560,963
Other liabilities	2,929,389	2,474,431	2,368,611
Deferred inflows of resources	68,424	200,983	257,468
Total liabilities	<u>\$ 14,059,982</u>	<u>\$ 14,463,828</u>	<u>\$ 14,187,042</u>
Net position:			
Net investment in capital assets	\$ 72,469,768	\$ 71,821,673	\$ 71,184,508
Restricted	369,386	369,386	369,386
Unrestricted	15,928,520	15,925,512	15,325,543
Total net position	<u>\$ 88,767,674</u>	<u>\$ 88,116,571</u>	<u>\$ 86,879,437</u>
Total liabilities, deferred inflows of resources and net position	<u>\$ 102,827,656</u>	<u>\$ 102,580,399</u>	<u>\$ 101,066,479</u>

FINANCIAL ANALYSIS: (Continued)

Operating Income – In FY2021, the **Operating Revenues** were \$12.0 million, a 6.5% increase over FY2020. The increase reflects the \$658,531 in County Contributions and \$72,000 in Grant Revenue received in FY2021. The Authority Board postponed the year five of the five-year rate increase plan voted in by the Authority Board in late FY2016 due to the pandemic. A 3% rate increase is included in the FY2022 budget. In FY2020 the Operating Revenues were \$11.3 million, a 4.9% increase over FY2019 reflective of the 3% rate increase to users in Year 4 of the five-year rate increase to users plan. Operating Revenues in FY2019 were \$10.7 million, a 3.5% increase over FY2018. The increase reflects a 3% rate increase to users in Year 3 of the five-year rate increase plan. In FY2021, the **Operating Expenses** increased by \$744,713, a 6.6% increase over FY2020. The increase is contributable to the rise of health care costs during the pandemic as well as increases to Operations, Maintenance, and Depreciation expense. In FY2020, the Operating Expenses increased by \$1 million, a 10.3% increase over FY2019. The increase reflects a one-time salary adjustment in Salaries and Benefits as a result of a salary and benefits compensation study performed by Gallagher Benefits Services in FY2019 as well as increases in Administrative, Operations, Maintenance and Depreciation Expenses. As in FY2020, FY2021's Operating Revenues completely covered Operating Expenses. In FY2019, the Operating Expenses increased to \$10.2 million, or 0.2%, from FY2018. FY2019 saw a reduction in Salaries and Fringe Benefits from position vacancies; and increases in Operations, Maintenance, and Depreciation Expenses. Depreciation Expense represents 31.6%, 31.1%, and 32.5%, of Operating Expense in FY2021, FY2020, and FY2019, respectively. The following chart depicts **Operating Revenues** as compared to **Operating Expenses**, with Depreciation and **Operating Expenses without Depreciation Expense** during the last ten years.



As a not-for-profit governmental entity, the Authority's goal is to match revenues with expenses and not to generate a profit. Consequently, the Authority will generally experience a small loss or profit, neither of which significantly affects the financial condition of the organization.

FINANCIAL ANALYSIS: (Continued)

The Authority had a rate study performed by Municipal & Financial Services Group in late FY2016, that determined rate increases were needed to cover CIP, R&R, rising operating costs, and debt service. As such, the Board voted in the five-year rate increase plan, with Year 1 – 9.5%, Year 2 – 7%, and Years 3-5 (FY2019-21) having planned user increases of 3% each. The additional rate adjustments would further strengthen the financial position of the organization and allow the budget focus to remain on customer service and quality, reliable water and wastewater services. However, due to economic uncertainty regarding the COVID-19 pandemic, the Board adopted a reduced FY2021 annual budget with negligible changes to operating expenses and continued FY2020 user rates. The Authority Board later amended the FY2021 budget to include longevity raises for its employees. The Authority Board also adopted a 3% rate increase (Year 5) in the FY2022 budget. The Authority also postponed the rate study planned in FY2021 to FY2022 due to the pandemic.

The following table is a comparison of Operating Revenues, Operating Expenses, Non-Operating Revenues and Expenses, Net Income (Loss), and Capital Contributions for the years ending June 30, 2021, 2020, and 2019.

Statements of Revenues, Expenses, and Changes in Net Position-- Years Ended June 30, 2021 and 2020 and 2019

	2021	2020	2019
Operating revenues:			
Water service	\$ 5,113,110	\$ 5,094,624	\$ 4,793,437
Sewer service	5,426,486	5,353,484	5,144,754
Septic service	439,608	439,891	388,808
Late charges	107,643	124,090	181,607
Other operating revenues	968,349	303,788	276,633
Total operating revenues	<u>\$ 12,055,196</u>	<u>\$ 11,315,877</u>	<u>\$ 10,785,239</u>
Operating expenses:			
Salaries	\$ 3,527,031	\$ 3,539,417	\$ 3,093,075
Fringe benefits	1,361,582	1,044,151	837,296
General and administrative	475,141	582,573	497,459
Operations and maintenance	2,844,547	2,589,780	2,463,265
Depreciation expense	3,796,020	3,504,050	3,321,632
Total operating expenses	<u>\$ 12,004,321</u>	<u>\$ 11,259,971</u>	<u>\$ 10,212,727</u>
Net operating income (loss)	<u>\$ 50,875</u>	<u>\$ 55,906</u>	<u>\$ 572,512</u>
Nonoperating revenue and expenses:			
Availability fees	\$ 828,590	\$ 893,800	\$ 1,670,737
Interest earned	47,841	232,502	299,055
Interest expense	(280,663)	(300,269)	(315,493)
Insurance Proceeds	4,595	-	-
Net nonoperating revenue	<u>\$ 600,363</u>	<u>\$ 826,033</u>	<u>\$ 1,654,299</u>
Net income (loss) before capital contributions	<u>\$ 651,238</u>	<u>\$ 881,939</u>	<u>\$ 2,226,811</u>
Capital Contributions	<u>-</u>	<u>355,060</u>	<u>3,540,852</u>
Change in net position	<u>\$ 651,238</u>	<u>\$ 1,236,999</u>	<u>\$ 5,767,663</u>
Net position, at beginning of year	<u>88,116,436</u>	<u>86,879,437</u>	<u>81,111,774</u>
Net position, at end of year	<u><u>\$ 88,767,674</u></u>	<u><u>\$ 88,116,436</u></u>	<u><u>\$ 86,879,437</u></u>

CAPITAL ASSETS AND LONG-TERM DEBT

Capital Assets - The increase in capital assets for FY2021 is the result of completed CIP and R&R projects, and the purchase of land, vehicles, equipment, and machinery. The detail of major additions to Capital Assets being depreciated is as follows:

Vehicles	\$ 31,890
Land	51,825
Equipment and Machinery	587,418
CIP and R&R Projects	2,177,915

The largest Construction in Progress projects as of June 30, 2021, were:

WWTP SCADA Design	\$ 211,436
Whitling Road Project	312,916
Marshall Salem Wells #3 and #4	2,422,797

The following table shows capital asset balances for the fiscal years ending June 30, 2021, 2020, and 2019:

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Land	\$ 702,885	\$ 651,060	\$ 651,060
Construction in progress	4,076,703	2,280,997	3,340,888
Structures and improvements	61,644,113	60,986,584	58,636,264
Infrastructure	62,111,128	60,307,393	58,913,661
Vehicles	1,800,227	1,872,862	1,335,008
Machinery and equipment	<u>14,758,499</u>	<u>14,750,883</u>	<u>13,844,913</u>
Total Property & Equipment	\$ 145,093,555	\$ 140,849,779	\$ 136,721,794
Less: Accumulated Depreciation	<u>63,576,308</u>	<u>60,400,703</u>	<u>57,004,529</u>
Net property & equipment	<u>\$ 81,517,247</u>	<u>\$ 80,449,076</u>	<u>\$ 79,717,265</u>

Additional information on the capital assets can be reviewed in Note 6.

CAPITAL ASSETS AND LONG-TERM DEBT: (Continued)

Cash Balances – In FY2016, the Authority’s Board and Management determined that a multi-year rate setting plan would provide the Authority a basis for budgeting Operating and Capital projects. Due to the economic uncertainty caused by the COVID-19 pandemic, the Board postponed the FY2021 rate increase. However, the Authority Board approved the 3% rate increase (Year 5) in the FY2022 budget and will perform a rate study in FY2022. The rate study scheduled for FY2021 was postponed due to the pandemic. The Board also determined a portion of the water and sewer availability fees would be set aside to cover future CIP and R&R projects. By analyzing rates on an annual basis, the five-year cash flow is used to indicate the probability of, or necessity for, future rate adjustments. The *Code of Virginia* requires the advertisement of new rates and a public rate hearing in the event additional rate adjustments are deemed necessary. The following are the projected ending cash balances for the next five years:

	Uncommitted Cash Balances	Voluntary Cash Reserves
FY2022	\$ 1,455,552	\$ 5,259,913
FY2023	1,435,020	5,333,857
FY2024	2,227,092	5,422,813
FY2025	3,439,183	5,422,813
FY2026	2,904,073	5,432,822

These projected cash flow balances presume economic recovery after the pandemic, 3% user rate increases in all years, and availability fee revenues in future years. In addition, the Authority may approve cash funding for some CIP & R&R projects which will affect the cash balances.

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Capital Projects -

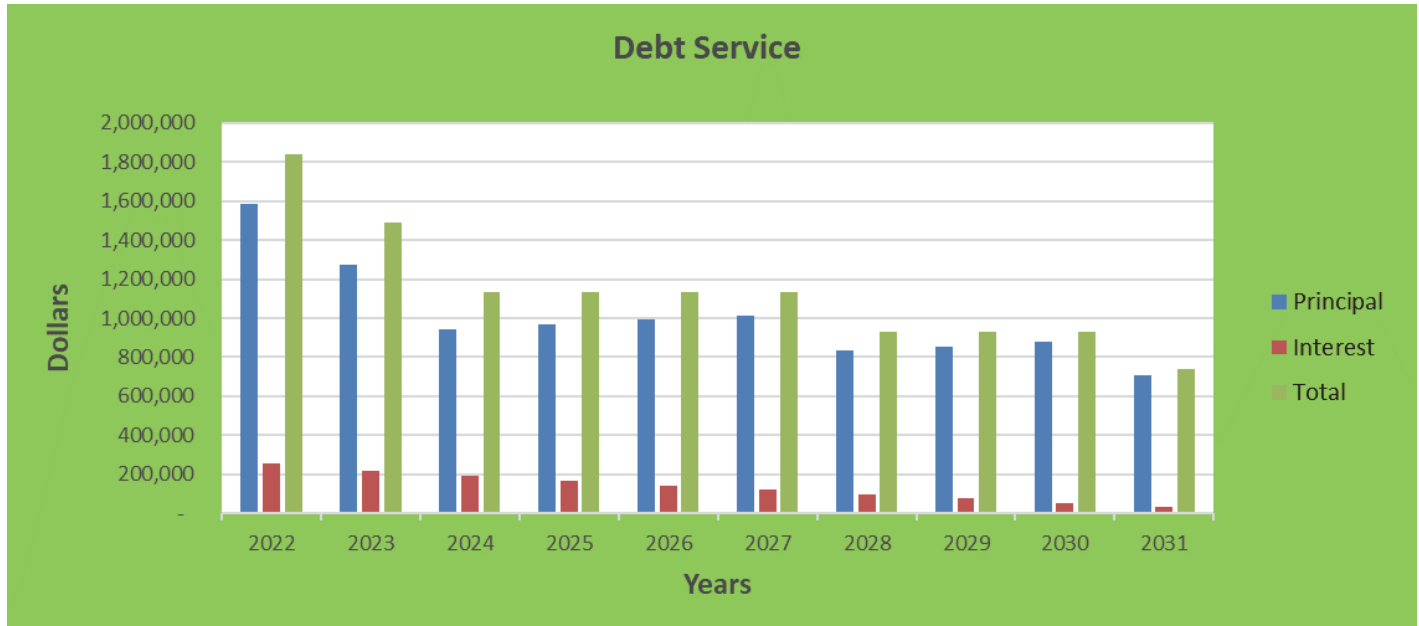
Below is a summary schedule of our planned Capital Improvement Projects (CIP) and Replacement and Renewal Projects (R&R) for the next five years:

FY2022 Capital Improvement Plan and Replacement and Renewal Program (FY 22 - 26)						
FY 2022 Approved Budget						
Project	CIP, R&R	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
17/66 Storage Tank R&R	R&R	\$ 100,000	\$	\$	\$	
Aeroductor Grit Chamber Assembly Replacement	R&R	25,000				
AMI - Utility Management	R&R	50,000				
Arc Flash Analysis	R&R	50,000	50,000	50,000	50,000	50,000
Baldwin Ridge Booster Pumping Station	CIP			150,000	1,500,000	
Bealeton Additional Well	CIP					500,000
Bealeton WTP - Additional Treatment Unit	CIP	1,000,000				
Bethel Academy Line Replacement	R&R			200,000		
Bethel Academy Nitrate Treatment (Ion Exchange)	CIP				300,000	
Clarifier Rehab - internal parts both clarifiers over 2 fiscal years	R&R	150,000				
Control Building modification	R&R	300,000				
Craig Run and Tin Pot LS wetwell coating	R&R		200,000			
Digester Decant Pump and Check Valve Replacement (2)	R&R	30,000				
ENR for 2.5 MGD	CIP					250,000
ENR Phase 2 For 2.0 MGD	CIP		2,000,000			
Exploratory Well Work	CIP	100,000	100,000	100,000	100,000	100,000
Fire Hydrant Testing and Maintenance Program	R&R					200,000
Flow Monitoring I/I Evaluation	R&R				100,000	
Flow Monitoring I/I Evaluation	R&R			100,000		
Generator Replacement	R&R	100,000	100,000	100,000	100,000	100,000
High Rock/E Wells Treatment	CIP	500,000	3,000,000			
High Zone Booster Pumping Station	CIP			150,000	1,500,000	
I/I - Bealeton East of CR PS - Flow Area #5	R&R		600,000			
I/I - Bealeton East of CR PS - Flow Area #5 - SSES/CIP Development	R&R	250,000				
I/I - Marshall South Main Street	R&R		400,000	500,000		
I/I - Plains	R&R		600,000			
I/I - Town of Remington	R&R	370,000				
Influent Structure Project	R&R		200,000	2,000,000		
K Well	CIP			100,000		
Lakeside Raptor Microtrainer	R&R	70,000				
Leak Detection Services and Repairs	R&R	50,000	50,000	50,000	50,000	50,000
LS Automation - Craig Run and Tinpot	R&R	25,000				
LS Automation - Mill Run and Riley Road	R&R	25,000				
Lift Station Improvements	R&R	20,000	20,000	20,000	20,000	20,000
Lift Station - Replace East End Pumps	R&R	60,000				
M6-a Well	CIP		100,000			
Marshall Wastewater Master Plan	CIP	100,000				
Marshall Water Master Plan	CIP	100,000				
Marshall Well System Automation	R&R		25,000	25,000		
New Baltimore Phase 1 Flow Monitoring	R&R				100,000	
New Baltimore Water Systems Upgrade (Based on Water Modeling \$10-12 mil)	R&R				1,000,000	1,000,000
New Reactor Blower	R&R	11,000				
Nitrate Treatment (Ion Exchange)	CIP					300,000
Old Solids Building Rehab (Plug valve + Actuator, Overhead Door Replacement, Crane, Gutters & Downspout)	R&R	100,000				
Portable Dewatering Equipment	R&R	500,000				
Remington Generator Replacement	R&R		500,000			
Remington Ridge Well House	R&R	20,000				
Remington Well Automation - The Meadows and The Ridge	R&R	25,000				
Repair Well Houses	R&R	20,000	20,000	20,000	20,000	20,000
Replace belt press	R&R				500,000	
Replace Centrifuge	R&R					750,000
Replace FeCL3 chemical tanks (2 - 3,000 gallons tanks)	R&R	40,000				
Road maintenance - gravel, seal pave (MWWT road, High Rock Driveway, VH WWTP)	R&R	30,000	30,000	30,000	30,000	30,000
Salem Avenue Line Replacement	R&R	115,000				
SCADA Major Repair	R&R	25,000	25,000	25,000	25,000	25,000
SCADA Wastewater Upgrade and Replacement Project	R&R	1,500,000	1,000,000			
Systemwide Security Upgrades to Water, Wastewater, and Admin Facilities	R&R	50,000	50,000	50,000	50,000	50,000
The Plains Route 55 - Nitrate Treatment (Ion Exchange)	CIP			300,000		
TPL - 1A Well	CIP	800,000				
Treatment Plant Security Improvements	R&R	10,000	10,000	10,000	10,000	10,000
Treatment Plant Security Improvements	R&R	20,000	20,000	20,000	20,000	20,000
Treatment Plant Security Improvements	R&R	20,000	20,000	20,000	20,000	
Upgrade Water Meters with radio read	R&R	70,000				
Wastewater Systems Major Replacements	R&R	60,000	60,000	60,000	60,000	60,000
Water System - Hydrotank Automation (Repairs and Cleaning Services)	R&R	60,000	60,000			
Water System Major Replacements	R&R	60,000	60,000	60,000	60,000	60,000
Waterloo rehabilitation, redrill, tie in well #4	R&R			200,000	200,000	
Well G-4 Monitoring Service	R&R	30,000				
WWPS Automation - LS C and Mt Shade	R&R	25,000				
Project Totals		\$ 7,066,000	\$ 9,300,000	\$ 4,340,000	\$ 5,815,000	\$ 3,595,000

CAPITAL ASSETS AND LONG TERM DEBT: (Continued)

Long-Term Debt –

The Authority has five Revenue Bonds and one Capital Lease, totaling \$10,774,058, as of June 30, 2021. The following graph provides detail of principal and interest amounts due on the Revenue Bonds over the next ten years:



More detailed information on the Authority's long-term obligations is presented in Note 8.

ECONOMIC FACTORS

In FY2021, the Authority received no Developer Contributions in the form of infrastructure for the first time in many years. Availability Fee Revenue decreased by \$65,210 in FY2021 as building projects in the service districts are complete. In FY2021, FY2020, and FY2019 availability fee revenues were \$828,590, \$893,800, and \$1.6 million, respectively. The Authority will continue to forecast its revenues in a conservative manner. In addition, the Authority will continue to monitor its operational and capital requirements to ensure that quality, reliable water and wastewater services are provided to customers in an environmentally responsible and sustainable manner.

The Authority's rates, fees, and other charges are structured to produce enough revenue to service debt, and to meet all operational expenses. While user rates met these goals in FY2021, the effects of the pandemic, inflation, cost increases due to regulatory changes, and the need to establish set-aside funds to continue to cover the costs of capital replacement make increases to user rates necessary over the next several fiscal years.

REQUEST FOR INFORMATION

The financial report is intended to provide customers, note holders, and creditors with a general overview of the Authority's financial position, and to demonstrate its ability to provide services to its customers. Questions concerning information provided in this report, or request for additional financial information should be directed to the Director of Finance, Fauquier County Water and Sanitation Authority, by mail or in person at 7172 Kennedy Road, Warrenton, Virginia, 20187, by telephone at (540) 349-2092, or by visiting the Authority's website at www.fcwsa.org.

Basic Financial Statements

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Statements of Net Position
At June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 16,046,529	\$ 15,167,229
Accounts receivable (net of allowance for doubtful accounts)	1,684,080	1,681,008
Due from other governments	-	100,000
Other receivable	-	150,627
Prepaid items	122,539	117,723
Other current assets	<u>16,600</u>	<u>16,600</u>
Total current assets	<u>\$ 17,869,748</u>	<u>\$ 17,233,187</u>
Noncurrent Assets:		
Restricted Assets:		
Cash and cash equivalents:		
Security deposits and construction meter deposits	\$ 157,425	\$ 153,075
Performance bonds	8,985	13,231
Opal water system	369,386	369,386
Unexpended bond proceeds	<u>1,840,262</u>	<u>3,712,285</u>
Total restricted assets	<u>\$ 2,376,058</u>	<u>\$ 4,247,977</u>
Other noncurrent assets	<u>\$ 10,187</u>	<u>\$ 50,000</u>
Capital Assets:		
Capital assets not being depreciated:		
Land	\$ 702,885	\$ 651,060
Construction in progress	4,076,703	2,280,997
Capital assets being depreciated:		
Structures and improvements	61,644,113	60,986,584
Infrastructure	62,111,128	60,307,393
Vehicles	1,800,227	1,872,862
Machinery and equipment	14,758,499	14,750,883
Accumulated depreciation	<u>(63,576,308)</u>	<u>(60,400,703)</u>
Net capital assets	<u>\$ 81,517,247</u>	<u>\$ 80,449,076</u>
Total noncurrent assets	<u>\$ 83,903,492</u>	<u>\$ 84,747,053</u>
Total assets	<u>\$ 101,773,240</u>	<u>\$ 101,980,240</u>
DEFERRED OUTFLOWS OF RESOURCES		
Pension related items	\$ 982,360	\$ 540,353
OPEB related items	<u>72,056</u>	<u>59,671</u>
Total deferred outflows of resources	<u>\$ 1,054,416</u>	<u>\$ 600,024</u>
Total assets and deferred outflows of resources	<u><u>\$ 102,827,656</u></u>	<u><u>\$ 102,580,264</u></u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Statements of Net Position
At June 30, 2021 and 2020 (Continued)

	<u>2021</u>	<u>2020</u>
LIABILITIES		
Current Liabilities:		
Accounts payable	\$ 873,712	\$ 661,349
Accrued interest	32,124	37,098
Retainage payable	111,686	10,692
Revenue bonds - current portion	1,403,136	1,370,741
Capital lease - current portion	183,000	179,000
Compensated absences - current portion	58,212	49,245
Unearned revenue	101,109	-
Liabilities payable from Restricted Assets:		
Performance bonds	8,985	13,231
Security deposits and construction meter deposits	<u>157,425</u>	<u>153,075</u>
Total current liabilities	<u>\$ 2,929,389</u>	<u>\$ 2,474,431</u>
Noncurrent Liabilities:		
Revenue bonds - less current portion	\$ 8,215,922	\$ 9,619,059
Capital lease - less current portion	972,000	1,155,000
Compensated absences-less current portion	523,909	443,200
Net pension liability	1,077,149	313,884
Net OPEB liability	<u>273,189</u>	<u>257,271</u>
Total noncurrent liabilities	<u>\$ 11,062,169</u>	<u>\$ 11,788,414</u>
Total liabilities	<u>\$ 13,991,558</u>	<u>\$ 14,262,845</u>
DEFERRED INFLOWS OF RESOURCES		
Deferred amount on refunding	\$ 1,997	\$ 5,196
Pension related items	56,384	176,966
OPEB related items	<u>10,043</u>	<u>18,821</u>
Total deferred inflows of resources	<u>\$ 68,424</u>	<u>\$ 200,983</u>
NET POSITION		
Net investment in capital assets	\$ 72,469,768	\$ 71,821,673
Restricted:		
Opal water system	369,386	369,386
Unrestricted	<u>15,928,520</u>	<u>15,925,377</u>
Total net position	<u>\$ 88,767,674</u>	<u>\$ 88,116,436</u>
Total liabilities, deferred inflows of resources and net position	<u><u>\$ 102,827,656</u></u>	<u><u>\$ 102,580,264</u></u>

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

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Statements of Revenues, Expenses, and Changes in Net Position Years Ended June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
Operating revenues:		
Water service	\$ 5,113,110	\$ 5,094,624
Sewer service	5,426,486	5,353,484
Septic service	439,608	439,891
Late charges	107,643	124,090
Other operating revenues	968,349	303,788
Total operating revenues	\$ <u>12,055,196</u>	\$ <u>11,315,877</u>
Operating expenses:		
Salaries	\$ 3,527,031	\$ 3,539,417
Fringe benefits	1,361,582	1,044,151
General and administrative	475,141	582,573
Operations and maintenance	2,844,547	2,589,780
Depreciation expense	3,796,020	3,504,050
Total operating expenses	\$ <u>12,004,321</u>	\$ <u>11,259,971</u>
Net operating income (loss)	\$ <u>50,875</u>	\$ <u>55,906</u>
Nonoperating revenue (expenses):		
Availability fees	\$ 828,590	\$ 893,800
Interest income	47,841	232,502
Interest expense	(280,663)	(300,269)
Insurance proceeds	4,595	-
Net nonoperating revenue (expenses)	\$ <u>600,363</u>	\$ <u>826,033</u>
Net income (loss) before capital contributions	\$ 651,238	\$ 881,939
Capital Contributions	<u>-</u>	<u>355,060</u>
Change in net position	\$ 651,238	\$ 1,236,999
Net position, beginning of year	<u>88,116,436</u>	<u>86,879,437</u>
Net position, end of year	\$ <u><u>88,767,674</u></u>	\$ <u><u>88,116,436</u></u>

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

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Statements of Cash Flows

Years Ended June 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
Cash flows from operating activities:		
Receipts from customers and users	\$ 12,297,396	\$ 11,156,637
Payments to suppliers for goods and services	(3,213,553)	(3,218,317)
Payments to and on behalf of employees for services	(4,603,506)	(4,361,821)
Net cash provided by (used for) operating activities	<u>\$ 4,480,337</u>	<u>\$ 3,576,499</u>
Cash flows from capital and related financing activities:		
Purchases of property, equipment and construction in progress	\$ (4,690,158)	\$ (3,997,948)
Interest payments	(288,836)	(308,613)
Principal payments on long-term debt	(1,370,742)	(1,339,109)
Proceeds from long-term debt issued	-	1,334,000
Proceeds from availability fees	828,590	893,800
Insurance proceeds	4,595	-
Net cash (used for) capital and related financing activities	<u>\$ (5,516,551)</u>	<u>\$ (3,417,870)</u>
Cash flows from noncapital financing activities:		
Performance bond	\$ (4,246)	\$ (76,776)
Cash flows from investing activities:		
Interest income	\$ 47,841	\$ 232,502
Net increase (decrease) in cash and cash equivalents	\$ (992,619)	\$ 314,355
Cash and cash equivalents at beginning of year	<u>19,415,206</u>	<u>19,100,851</u>
Cash and cash equivalents at end of year	<u>\$ 18,422,587</u>	<u>\$ 19,415,206</u>
Reconciliation of operating (loss) to net cash provided by (used for) operating activities:		
Cash flows from operations:		
Income (loss) from operating activities	\$ 50,875	\$ 55,906
Reconciliation of operating income (loss) to net cash provided by (used for) operating activities:		
Depreciation expense	3,796,020	3,504,050
Changes in operating assets and liabilities:		
(Increase) decrease in accounts receivable	(3,072)	(165,372)
(Increase) decrease in due from other governments	100,000	-
(Increase) decrease in other receivable	150,627	(150,627)
(Increase) decrease in prepaid items	(4,816)	24,696
(Increase) decrease in other noncurrent assets	39,813	5,750
Increase (decrease) in compensated absences	89,676	124,486
(Increase) decrease in deferred outflows of resources - pension	(442,007)	(295,141)
Increase (decrease) in deferred inflows of resources - pension	(120,582)	(45,649)
(Increase) decrease in deferred outflows of resources - OPEB	(12,385)	(20,559)
Increase (decrease) in deferred inflows of resources - OPEB	(8,778)	(6,179)
(Increase) decrease in net pension liability/asset	763,265	447,518
Increase (decrease) in net OPEB liability	15,918	17,271
Increase (decrease) in operating accounts payable	(39,676)	79,967
Increase (decrease) in unearned revenue	101,109	-
Increase (decrease) in security deposits	4,350	382
Net cash provided by (used for) operating activities	<u>\$ 4,480,337</u>	<u>\$ 3,576,499</u>
Reconciliation of Cash:		
Cash and cash equivalents	\$ 16,046,529	\$ 15,167,229
Restricted cash and cash equivalents	2,376,058	4,247,977
Total	<u>\$ 18,422,587</u>	<u>\$ 19,415,206</u>
Noncash investing, capital and financing activities		
Contributions of capital assets	\$ -	\$ 355,060
(Increase) decrease in retainage payable for capital projects	(100,994)	63,896

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

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020

NOTE 1–BASIS OF PRESENTATION:

A. Organization and Purpose

The Fauquier County Water and Sanitation Authority was created by the Fauquier County Board of Supervisors, pursuant to the provisions of the Virginia Water and Sanitation Authorities Act, Section 15.2-5100 et. seq. of the Code of Virginia, 1950, as amended. The by-laws and rules for the transaction of the business of the Fauquier County Water and Sanitation Authority are made pursuant to authority vested in this Authority by the general provisions of the Virginia Water and Waste Authorities Act. The Authority is authorized to acquire, construct, operate, and maintain an integrated water and sewer system for Fauquier County, Virginia.

B. Financial Reporting Entity

The Fauquier County Water and Sanitation Authority has determined that it is a related organization to Fauquier County in accordance with Governmental Accounting Standards Board Statement 14. The Authority is a legally separate organization whose Board members are appointed by the Fauquier 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:

A. Basic Financial Statements

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
 - Statements of Net Position
 - Statements of Revenues, Expenses, and Changes in Net Position
 - Statements of Cash Flows
 - Notes to Financial Statements
- Schedule of Changes in Net Pension Liability (Asset) and Related Ratios
- Schedule of Employer Contributions – Pension Plan
- Notes to Required Supplementary Information – Pension Plan
- Schedule of Authority's Share of Net OPEB Liability – Group Life Insurance (GLI) Plan
- Schedule of Employer Contributions – Group Life Insurance (GLI) Plan
- Notes to Required Supplementary Information – Group Life Insurance (GLI) Plan

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 2—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (CONTINUED)

B. Basis of Accounting

The Authority operates as an enterprise fund 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. The Authority also recognizes as operating revenue the portion of availability charges intended to recover the cost of connecting new customers to the system. 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.

C. Cash and Cash Equivalents

The Authority's cash and cash equivalents consist of cash on hand, demand deposits, certificates of deposit and short-term investments with original maturities of three months or less from the date of acquisition.

D. Restricted Assets

The Authority records security deposit amounts received from customers as restricted assets on the statement of net position.

Also, certain proceeds of the Authority's revenue bonds are classified as restricted assets on the statement of net position because they are to be expended on various water and sewer capital projects and/or used for certain purposes.

E. Capital Assets

Capital assets include property, plant, and equipment and infrastructure. Capital assets are defined by the Authority as assets with an initial, individual cost of more than \$3,500, except for water meters for new construction, and an estimated useful life in excess of one year. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated acquisition value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend the asset's life are not capitalized.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 2—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (CONTINUED)

E. Capital Assets: (Continued)

Major outlays for capital assets are capitalized as projects are constructed. Interest incurred during the construction phase of capital assets of business-type activities is included as part of the capitalized value of the assets constructed. No interest was capitalized to construction projects during the current or prior fiscal year. Depreciation expense totaled \$3,796,020 for the year ended June 30, 2021 and \$3,504,050 for the year ended June 30, 2020.

Property and equipment is being depreciated using the straight line method over the following estimated useful lives:

<u>Assets</u>	<u>Years</u>
Treatment plant	28 years
Buildings and improvements	28 years
Water and sewer lines	50 years
Meters	10-15 years
Vehicles	6 years
Other furnishings and equipment	5-10 years

F. Other Significant Accounting Policies

- All trade receivables are shown net of an allowance for doubtful accounts. The Authority calculates its allowance for doubtful accounts using historical collection data and, in certain cases, specific account analysis. The allowance totaled \$195,307 at June 30, 2021 and \$116,945 for the year ended June 30, 2020.
- Investments - Money market investments, participating interest-earning investment contracts (repurchase agreements) that have a remaining maturity at time of purchase of one year or less, nonparticipating interest-earning investment contracts (nonnegotiable certificates of deposit (CDs)) and external investment pools are measured at amortized cost. All other investments are stated at fair value.

G. Use of Estimates

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 results could differ from those estimates.

H. Net Position

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.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 2—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (CONTINUED)

I. Net Position Flow Assumption

Sometimes the government 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 position to consider restricted - net position to have been depleted before unrestricted – net position is applied.

J. Compensated Absences

The Authority accrues compensated absences (annual and sick leave benefits) when vested. The current and noncurrent portions of the compensated absences liabilities are recorded as accrued liabilities.

K. Restatement / Reclassifications

Certain amounts in previously issued financial statements have been reclassified to conform to current year classifications.

L. Non-exchange Transactions

The Authority receives non-exchange transactions from developers of property, lines and improvements. These non-exchange transactions are considered capital contributions on the statements of revenues, expenses and changes in net position.

M. Deferred Outflows/Inflows of Resources

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 one item that qualifies for reporting in this category. It is comprised of certain items related to the measurement of the net pension liability and net OPEB liability and contributions to the pension and OPEB plans made during the current year and subsequent to the net pension liability and net OPEB liability measurement date. For more detailed information on these items, reference the related notes.

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 multiple items that qualify for reporting in this category. One item is the deferred amount on refunding debt. In addition, certain items related to the measurement of the net pension liability and net OPEB liability are reported as deferred inflows of resources. For more detailed information on these items, reference the related notes.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 2—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (CONTINUED)

N. Pensions

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

O. Other Postemployment Benefits (OPEB)

Group Life Insurance

For purposes of measuring the net GLI Program OPEB liability, deferred outflows of resources and deferred inflows of resources related to the GLI OPEB, and GLI OPEB expense, information about the fiduciary net position of the VRS GLI Program OPEB and the additions to/deductions from the VRS GLI OPEB's net fiduciary position have been determined on the same basis as they were reported by VRS. In addition, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

P. Upcoming Pronouncements

Statement No. 87, *Leases*, requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. The requirements of this Statement are effective for reporting periods beginning after June 15, 2021.

Statement No. 90, *Majority Equity Interests – An Amendment of GASB Statements No. 14 and No. 61*, provides guidance for reporting a government's majority equity interest in a legally separate organization and for reporting financial statement information for certain component units. The requirements of this Statement are effective for reporting periods beginning after December 15, 2019.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 2—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES: (CONTINUED)

P. Upcoming Pronouncements: (Continued)

Statement No. 91, *Conduit Debt Obligations*, provides a single method of reporting conduit debt obligations by issuers and eliminates diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. The requirements of this Statement are effective for reporting periods beginning after December 15, 2021.

Statement No. 92, *Omnibus 2020*, addresses practice issues that have been identified during implementation and application of certain GASB Statements. This Statement addresses a variety of topics such as leases, assets related to pension and postemployment benefits, and reference to nonrecurring fair value measurements of assets or liabilities in authoritative literature. The effective dates differ by topic, ranging from January 2020 to periods beginning after June 15, 2021.

Statement No. 93, *Replacement of Interbank Offered Rates*, establishes accounting and financial reporting requirements related to the replacement of Interbank Offered Rates (IBORs) in hedging derivative instruments and leases. It also identifies appropriate benchmark interest rates for hedging derivative instruments. The requirements of this Statement, except for removal of London Interbank Offered Rate (LIBOR) as an appropriate benchmark interest rate and the requirements related to lease modifications, are effective for reporting periods beginning after June 15, 2020. The removal of LIBOR as an appropriate benchmark interest rate is effective for reporting periods ending after December 31, 2021. All requirements related to lease modifications in this Statement are effective for reporting periods beginning after June 15, 2021.

Statement No. 94, *Public-Private and Public-Public Partnerships and Availability of Payment Arrangements*, addresses issues related to public-private and public-public partnership arrangements. This Statement also provides guidance for accounting and financial reporting for availability payment arrangements. The requirements of this Statement are effective for reporting periods beginning after June 15, 2022.

Statement No. 96, *Subscription-Based Information Technology Arrangements (SBITAs)*, (1) defines a SBITA; (2) establishes that a SBITA results in a right-to-use subscription asset—an intangible asset—and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. The requirements of this Statement are effective for reporting periods beginning after June 15, 2022.

Management is currently evaluating the impact these standards will have on the financial statements when adopted.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 3—DEPOSITS AND INVESTMENTS:

Deposits

Deposits with banks are covered by the Federal Deposit Insurance Corporation (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 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 amounts from 50% to 130% of excess deposits. Accordingly, all deposits are considered fully collateralized.

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).

Credit Risk of Debt Securities

State statutes require that commercial paper have a short-term debt rating of no less than “A-1” (or its equivalent) from at least two of the following: Moody’s Investors Service, Standard & Poor’s and Fitch Investor’s Service. Corporate notes, negotiable Certificates of Deposit and bank deposit notes maturing in less than one year must have a short-term debt rating of at least “A-1” by Standard & Poor’s and “P-1” by Moody’s Investor Service. Notes having a maturity of greater than one year must be rated “AA” by Standard & Poor’s and “Aa” by Moody’s Investor Service. The Authority’s rated debt investments as of June 30, 2021 were rated by Standard & Poor’s and/or an equivalent national rating organization and the ratings are presented below using the Standard & Poor’s rating scale.

Authority's Rated Debt Investments' Values	
Rated Debt Investments	Fair Quality Ratings AAAm
Local Government Investment Pool	\$ 7,513,696
Virginia State Non-Arbitrage Program	2,045,087
Total	<u>\$ 9,558,783</u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 3—DEPOSITS AND INVESTMENTS: (CONTINUED)

External Investment Pools:

The value of the positions in the external investment pools (Local Government Investment Pool and State Non-Arbitrage Pool) is the same as the value of the pool shares. As LGIP and SNAP are not SEC registered, regulatory oversight of the pool rests with the Virginia State Treasury. LGIP and SNAP are amortized cost basis portfolios. There are no withdrawal limitations or restrictions imposed on participants.

Interest Rate Risk

Interest rate risk is defined as the risk that changes in interest rates will adversely affect the fair value of an investment.

Investment Maturities (in years)		
Investment type	Fair Value	Less than 1 yr
Local Government Investment Pool	\$ 7,513,696	\$ 7,513,696
Virginia State Non-Arbitrage Program	2,045,087	2,045,087
Total	<u>\$ 9,558,783</u>	<u>\$ 9,558,783</u>

NOTE 4—RESTRICTED ASSETS:

Restricted assets and net position at June 30, 2021 and 2020 consist of the following:

	Balance June 30, 2021	Balance June 30, 2020
Restricted Assets:		
Security deposits and construction meter deposits	\$ 157,425	\$ 153,075
Performance bonds	8,985	13,231
Opal water system	369,386	369,386
Unexpended bond proceeds	<u>1,840,262</u>	<u>3,712,285</u>
Total restricted assets	\$ 2,376,058	\$ 4,247,977
Restricted net position:		
Less:		
Security deposits and construction meter deposits	(157,425)	(153,075)
Performance bonds	(8,985)	(13,231)
Unexpended bond proceeds	<u>(1,840,262)</u>	<u>(3,712,285)</u>
Total restricted net position	<u>\$ 369,386</u>	<u>\$ 369,386</u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 5—DUE TO/FROM OTHER GOVERNMENTS:

At June 30, 2021 and 2020, respectively, the Authority has receivables from other governments as follows:

	Balance June 30, 2021	Balance June 30, 2020
Fauquier County	\$ -	\$ 100,000
Total	\$ -	\$ 100,000

NOTE 6—CAPITAL ASSETS:

Property and Equipment

The following is a summary of changes to property and equipment for the year ending June 30, 2021:

	Balance July 1, 2020	Additions	Deletions	Balance June 30, 2021
Capital assets, not being depreciated:				
Land	\$ 651,060	\$ 51,825	\$ -	\$ 702,885
Construction in progress	2,280,997	2,949,543	1,153,837	4,076,703
Total capital assets not being depreciated	\$ 2,932,057	\$ 3,001,368	\$ 1,153,837	\$ 4,779,588
Capital assets being depreciated:				
Structures and improvements	\$ 60,986,584	\$ 844,616	\$ 187,087	\$ 61,644,113
Infrastructure	60,307,393	1,803,735	-	62,111,128
Vehicles	1,872,862	31,891	104,526	1,800,227
Machinery and equipment	14,750,883	336,418	328,802	14,758,499
Total capital assets being depreciated	\$ 137,917,722	\$ 3,016,660	\$ 620,415	\$ 140,313,967
Accumulated depreciation:				
Structures and improvements	\$ 28,309,398	\$ 2,110,365	\$ 187,087	\$ 30,232,676
Infrastructure	18,321,684	1,227,289	-	19,548,973
Vehicles	1,001,126	183,875	104,526	1,080,475
Machinery and equipment	12,768,495	274,491	328,802	12,714,184
Total accumulated depreciation	\$ 60,400,703	\$ 3,796,020	\$ 620,415	\$ 63,576,308
Total capital assets being depreciated, net	\$ 77,517,019	\$ (779,360)	\$ -	\$ 76,737,659
Business-type activities capital assets, net	\$ 80,449,076	\$ 2,222,008	\$ 1,153,837	\$ 81,517,247

Depreciation expense for the year ended June 30, 2021 totaled \$3,796,020.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 6—CAPITAL ASSETS: (CONTINUED)

Property and Equipment: (Continued)

The following is a summary of changes to property and equipment for the year ending June 30, 2020:

	Balance July 1, 2019	Additions	Deletions	Balance June 30, 2020
Capital assets, not being depreciated:				
Land	\$ 651,060	\$ -	\$ -	\$ 651,060
Construction in progress	<u>3,340,888</u>	<u>1,903,911</u>	<u>2,963,802</u>	<u>2,280,997</u>
Total capital assets not being depreciated	\$ <u>3,991,948</u>	\$ <u>1,903,911</u>	\$ <u>2,963,802</u>	\$ <u>2,932,057</u>
Capital assets being depreciated:				
Structures and improvements	\$ 58,636,264	\$ 2,350,320	\$ -	\$ 60,986,584
Infrastructure	58,913,661	1,393,732	-	60,307,393
Vehicles	1,335,008	537,854	-	1,872,862
Machinery and equipment	<u>13,844,913</u>	<u>1,013,846</u>	<u>107,876</u>	<u>14,750,883</u>
Total capital assets being depreciated	\$ <u>132,729,846</u>	\$ <u>5,295,752</u>	\$ <u>107,876</u>	\$ <u>137,917,722</u>
Accumulated depreciation:				
Structures and improvements	\$ 26,299,046	\$ 2,010,352	\$ -	\$ 28,309,398
Infrastructure	17,122,269	1,199,415	-	18,321,684
Vehicles	905,760	95,366	-	1,001,126
Machinery and equipment	<u>12,677,454</u>	<u>198,917</u>	<u>107,876</u>	<u>12,768,495</u>
Total accumulated depreciation	\$ <u>57,004,529</u>	\$ <u>3,504,050</u>	\$ <u>107,876</u>	\$ <u>60,400,703</u>
Total capital assets being depreciated, net	\$ <u>75,725,317</u>	\$ <u>1,791,702</u>	\$ -	\$ <u>77,517,019</u>
Business-type activities capital assets, net	<u>\$ 79,717,265</u>	<u>\$ 3,695,613</u>	<u>\$ 2,963,802</u>	<u>\$ 80,449,076</u>

Depreciation expense for the year ended June 30, 2020 totaled \$3,504,050.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 6—CAPITAL ASSETS: (CONTINUED)

Property and Equipment: (Continued)

Computation of net investment in capital assets:

	Balance June 30, 2021	Balance June 30, 2020
Net capital assets	\$ 81,517,247	\$ 80,449,076
Revenue bonds	(9,619,058)	(10,989,800)
Capital leases	(1,155,000)	(1,334,000)
Debt proceeds received but unexpended on capital assets	1,840,262	3,712,285
Retainage payable	(111,686)	(10,692)
Deferred amount on refunding	(1,997)	(5,196)
Net investment in capital assets	<u>\$ 72,469,768</u>	<u>\$ 71,821,673</u>

The following is a summary of capital project activity for the fiscal year ending June 30, 2021 and 2020:

	Balance July 1, 2020	Additions	Deletions	Balance June 30, 2021
I & I Remington and Marshall	\$ 950,523	\$ -	\$ 950,523	\$ -
Whiting Road Project	825	312,091	-	312,916
Marshall Salem Wells	491,931	1,930,868	-	2,422,799
Miscellaneous projects	837,718	706,584	203,314	1,340,988
Total construction in progress	<u>\$ 2,280,997</u>	<u>\$ 2,949,543</u>	<u>\$ 1,153,837</u>	<u>\$ 4,076,703</u>

	Balance July 1, 2019	Additions	Deletions	Balance June 30, 2020
New Baltimore G-4 Well	\$ 635,780	\$ 98,085	\$ 733,865	\$ -
I & I Remington and Marshall	752,099	950,523	752,099	950,523
Remington Sludge Bay Extension	407,276	144,966	552,242	-
Marshall Salem Wells	477,598	14,333	-	491,931
Miscellaneous projects	1,068,135	696,004	925,596	838,543
Total construction in progress	<u>\$ 3,340,888</u>	<u>\$ 1,903,911</u>	<u>\$ 2,963,802</u>	<u>\$ 2,280,997</u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 7—LONG-TERM OBLIGATIONS:

The following is a summary of changes in long-term obligation transactions for the year ended June 30, 2021 and 2020:

Description	Beginning Balance July 1, 2020	Issuances/ Additions	Retirements/ Deletions	Ending Balance June 30, 2021	Due Within One Year
Direct borrowings and placements:					
Revenue bonds	\$ 10,989,800	\$ -	\$ 1,370,742	\$ 9,619,058	\$ 1,403,136
Total direct borrowings and placements	\$ 10,989,800	\$ -	\$ 1,370,742	\$ 9,619,058	\$ 1,403,136
Capital lease	1,334,000	-	179,000	1,155,000	183,000
Net pension liability	313,884	1,182,963	419,698	1,077,149	-
Net OPEB liability	257,271	85,665	69,747	273,189	-
Compensated absences	492,445	243,480	153,804	582,121	58,212
Total	\$ 13,387,400	\$ 1,512,108	\$ 2,192,991	\$ 12,706,517	\$ 1,644,348

Description	Beginning Balance July 1, 2019	Issuances/ Additions	Retirements/ Deletions	Ending Balance June 30, 2020	Due Within One Year
Direct borrowings and placements:					
Revenue bonds	\$ 12,328,909	\$ -	\$ 1,339,109	\$ 10,989,800	\$ 1,370,741
Total direct borrowings and placements	\$ 12,328,909	\$ -	\$ 1,339,109	\$ 10,989,800	\$ 1,370,741
Capital lease	-	1,334,000	-	1,334,000	179,000
Net pension liability	-	1,069,873	755,989	313,884	-
Net OPEB liability	240,000	75,069	57,798	257,271	-
Compensated absences	367,959	225,368	100,882	492,445	49,245
Total	\$ 12,936,868	\$ 2,704,310	\$ 2,253,778	\$ 13,387,400	\$ 1,598,986

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 7—LONG-TERM OBLIGATIONS: (CONTINUED)

Annual requirements to amortize long-term obligations are as follows:

Year Ending June 30,	Direct Borrowings and Placements			
	Revenue Bonds		Capital Lease	
	Principal	Interest	Principal	Interest
2022	\$ 1,403,136	\$ 231,377	\$ 183,000	\$ 21,419
2023	1,083,787	199,134	187,000	17,693
2024	753,936	177,396	191,000	13,887
2025	773,383	157,948	194,000	10,010
2026	793,333	137,998	198,000	6,062
2027	813,798	117,534	202,000	2,034
2028	834,791	96,540	-	-
2029	856,327	75,005	-	-
2030	878,418	52,913	-	-
2031	705,133	31,575	-	-
2032	723,016	12,930	-	-
Total	\$ 9,619,058	\$ 1,290,350	\$ 1,155,000	\$ 71,105

Revenue bonds totaling \$9,619,058 contain a provision that in the event of default, the bond owner may declare all amounts payable under the bond to be immediately due and payable.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 7—LONG-TERM OBLIGATIONS: (CONTINUED)

Details of long-term obligations as of June 30, 2021 and 2020 are as follows:

	<u>2021</u>	<u>2020</u>
Direct Borrowings and Placements:		
Revenue Bonds:		
\$5,870,600 revenue refunding bonds, issued November 16, 2012, payable in quarterly installments of \$162,320, including principal and interest, beginning February 1, 2013 through November 1, 2022, interest payable at 2.02% .	\$ 956,935	\$ 1,579,011
\$456,400 revenue refunding bonds, issued November 16, 2012, payable in quarterly installments of \$13,476, including principal and interest, beginning February 1, 2013 through November 1, 2022, interest payable at 3.38%.	78,515	128,698
\$2,350,262 revenue refunding bonds Series 2017A, issued May 25, 2017, payable in semi-annual installments of \$94,612, including principal and interest, beginning December 1, 2017 through May 1, 2032, interest payable at 2.52%.	1,808,023	1,949,016
\$6,800,000 revenue bonds Series 2017 B, issued May 25, 2017, payable in semi-annual installments of \$273,742, including principal and interest, beginning December 1, 2017 through May 1, 2032, interest payable at 2.52%.	5,231,144	5,639,076
Revenue bonds, issued July 9, 2009 payable in 35 semiannual installments of \$103,810 through September 1, 2029, final payment of \$83,981 due March 1, 2030, interest at 3.55%. On October 23, 2014 the Authority received notification of a Cost of Funds reduction from 3.55% to 2.72%. Beginning March 1, 2015, each semi-annual payment decreased to \$97,312 with a final installment of \$97,312 due March 1, 2030.	<u>1,544,441</u>	<u>1,693,999</u>
Total Direct Borrowings and Placements	\$ 9,619,058	\$ 10,989,800
Capital Lease:		
\$1,334,000 capital lease for financing the acquisition of equipment, due in varying annual maturities, including interest at 2.014%, which is due in semi-annually.	1,155,000	1,334,000
Net Pension liability	1,077,149	313,884
Net OPEB liability	273,189	257,271
Compensated absences	<u>582,121</u>	<u>492,445</u>
Total long-term obligations	<u>\$ 12,706,517</u>	<u>\$ 13,387,400</u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 8—COMPENSATED ABSENCES:

In accordance with GASB statement 16 “Accounting for Compensated Absences,” the Authority has accrued the liability arising from outstanding compensated absences.

Authority employees accrue vacation and sick leave at various rates. The Authority has outstanding accrued vacation and sick pay at June 30 in the amount of \$582,121 for fiscal year ended June 30, 2021 and \$492,445 for fiscal year ended June 30, 2020.

NOTE 9—LITIGATION:

At June 30, 2021, 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 10—CONSTRUCTION COMMITMENT:

At June 30, 2021 the Authority had the following construction commitments outstanding:

<u>Projects</u>	<u>Contract Amount</u>	<u>Expenses to Date</u>	<u>Balance</u>
Salem Wells EX3 & EX4	\$ 1,988,675	\$ 1,707,794	\$ 280,881
Whiting Road	<u>576,700</u>	<u>312,091</u>	<u>264,609</u>
Total	<u>\$ 2,565,375</u>	<u>\$ 2,019,885</u>	<u>\$ 545,490</u>

NOTE 11—PENSION PLAN:

Plan Description

All full-time, salaried permanent employees of the Authority are automatically covered by a VRS Retirement Plan upon employment. This is an agent multiple-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 Code of Virginia, as amended. Eligible prior service that may be purchased includes prior public service, active military service, certain periods of leave, and previously refunded service.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—PENSION PLAN: (CONTINUED)

Benefit Structures

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, as detailed below.

- a. Employees with a membership date before July 1, 2010, vested as of January 1, 2013, and have not taken a refund, are covered under Plan 1, a defined benefit plan. Non-hazardous duty employees are eligible for an unreduced retirement benefit beginning at age 65 with at least 5 years of creditable service or age 50 with at least 30 years of creditable service. Non-hazardous duty employees may retire with a reduced benefit as early as age 55 with at least 5 years of creditable service or age 50 with at least 10 years of creditable service.
- b. Employees with a membership date from July 1, 2010 to December 31, 2013, that have not taken a refund or employees with a membership date prior to July 1, 2010 and not vested before January 1, 2013, are covered under Plan 2, a defined benefit plan. Non-hazardous duty employees are eligible for an unreduced benefit beginning at their normal social security retirement age with at least 5 years of creditable service or when the sum of their age and service equals 90. Non-hazardous duty employees may retire with a reduced benefit as early as age 60 with at least 5 years of creditable service.
- c. Non-hazardous duty employees with a membership date on or after January 1, 2014 are covered by the Hybrid Plan combining the features of a defined benefit plan and a defined contribution plan. Plan 1 and Plan 2 members also had the option of opting into this plan during the election window held January 1 – April 30, 2014 with an effective date of July 1, 2014. Employees covered by this plan are eligible for an unreduced benefit beginning at their normal social security retirement age with at least 5 years of creditable service, or when the sum of their age and service equal 90. Employees may retire with a reduced benefit as early as age 60 with at least 5 years of creditable service. For the defined contribution component, members are eligible to receive distributions upon leaving employment, subject to restrictions.

Average Final Compensation and Service Retirement Multiplier

The VRS defined benefit is a lifetime monthly benefit based on a retirement multiplier as a percentage of the employee's average final compensation multiplied by the employee's total creditable service. Under Plan 1, average final compensation is the average of the employee's 36 consecutive months of highest compensation and the multiplier is 1.70% for non-hazardous duty employees, 1.85% for sheriffs and regional jail superintendents. Under Plan 2, average final compensation is the average of the employee's 60 consecutive months of highest compensation and the retirement multiplier is 1.65% for non-hazardous duty employees, 1.85% for sheriffs and regional jail superintendents. Under the Hybrid Plan, average final compensation is the average of the employee's 60 consecutive months of highest compensation and the multiplier 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.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—PENSION PLAN: (CONTINUED)

Cost-of-Living Adjustment (COLA) in Retirement and Death and Disability Benefits

Retirees with an unreduced benefit or with a reduced benefit with at least 20 years of creditable service are eligible for an annual COLA beginning July 1 after one full calendar year from the retirement date. Retirees with a reduced benefit and who have less than 20 years of creditable service are eligible for an annual COLA beginning on July 1 after one calendar year following the unreduced retirement eligibility date. Under Plan 1, the COLA cannot exceed 5.00%. Under Plan 2 and the Hybrid Plan, the COLA cannot exceed 3.00%. The VRS also provides death and disability benefits. Title 51.1 of the Code of Virginia, as amended, assigns the authority to establish and amend benefit provisions to the General Assembly of Virginia.

Employees Covered by Benefit Terms

As of the June 30, 2019 and June 30, 2018 actuarial valuations, the following employees were covered by the benefit terms of the pension plan:

	June 30, 2019 Number	June 30, 2018 Number
Inactive members or their beneficiaries currently receiving benefits	16	15
Inactive members:		
Vested inactive members	6	3
Non-vested inactive members	12	10
Inactive members active elsewhere in VRS	10	10
Total inactive members	28	23
Active members	45	45
Total covered employees	89	83

Contributions

The contribution requirement for active employees is governed by §51.1-145 of the Code of Virginia, 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.

The Authority's contractually required employer contribution rate for the years ended June 30, 2021 and June 30, 2020 was 5.68% and 3.93%, respectively, of covered employee compensation. These rates were based on actuarially determined rates from actuarial valuations as of June 30, 2019 and June 30, 2018, respectively.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11–PENSION PLAN: (CONTINUED)

Contributions: (Continued)

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 \$171,609 and \$108,553 for the years ended June 30, 2021 and June 30, 2020, respectively.

Net Pension Liability (Asset)

The net pension liability (asset) is calculated separately for each employer and represents that particular employer’s total pension liability determined in accordance with GASB Statement No. 68, less that employer’s fiduciary net position. The Authority’s net pension liability (asset) was measured as of June 30, 2020. The total pension liability used to calculate the net pension liability (asset) was determined by an actuarial valuation performed as of June 30, 2019 and rolled forward to the measurement date of June 30, 2020.

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, 2019, 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, 2020.

Inflation	2.50%
Salary increases, including inflation	3.50% – 5.35%
Investment rate of return	6.75%, net of pension plan investment expense, including inflation*

* Administrative expenses as a percent of the fair 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 6.75%. However, since the difference was minimal, and a more conservative 6.75% 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 6.75% to simplify preparation of pension liabilities.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—PENSION PLAN: (CONTINUED)

Actuarial Assumptions—General Employees: (Continued)

Mortality rates:

All Others (Non 10 Largest) – Non-Hazardous Duty: 15% of deaths are assumed to be service related Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates at ages 81 and older projected with scale BB to 2020; males 95% of rates; females 105% of rates.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with scale BB to 2020; males set forward 3 years; females 1.0% increase compounded from ages 70 to 90.

Post-Disablement:

RP-2014 Disability Mortality Rates projected with scale BB to 2020; males set forward 2 years, 110% of rates; females 125% of rates.

The actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study for the period from July 1, 2012 through June 30, 2016, except the changes in the discount rate, which was based on the VRS Board actions effective as of July 1, 2019. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

All Others (Non 10 Largest)—Non-Hazardous Duty:

Mortality Rates (pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table - RP-2014 projected to 2020
Retirement Rates	Lowered rates at older ages and changed final retirement from 70 to 75
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Lowered rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 14.00% to 15.00%
Discount Rate	Decreased rate from 7.00% to 6.75%

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—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)	Long-Term Target Asset Allocation	Arithmetic Long-term Expected Rate of Return	Weighted Average Long-term Expected Rate of Return
Public Equity	34.00%	4.65%	1.58%
Fixed Income	15.00%	0.46%	0.07%
Credit Strategies	14.00%	5.38%	0.75%
Real Assets	14.00%	5.01%	0.70%
Private Equity	14.00%	8.34%	1.17%
MAPS - Multi-Asset Public Strategies	6.00%	3.04%	0.18%
PIP - Private Investment Partnership	3.00%	6.49%	0.19%
Total	<u>100.00%</u>		<u>4.64%</u>
		Inflation	<u>2.50%</u>
		*Expected arithmetic nominal return	<u>7.14%</u>

*The above allocation provides a one-year return of 7.14%. However, one-year returns do not take into account the volatility present in each of the asset classes. In setting the long-term expected return for the system, stochastic projections are employed to model future returns under various economic conditions. The results provide a range of returns over various time periods that ultimately provide a median return of 7.11%, including expected inflation of 2.50%. On October 10, 2019, the VRS Board elected a long-term rate of 6.75% which is roughly at the 40th percentile of expected long-term results of the VRS fund asset allocation. More recent capital market assumptions compiled for the FY2020 actuarial valuations provide a median return of 6.81%.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—PENSION PLAN: (CONTINUED)

Discount Rate (Continued)

The discount rate used to measure the total pension liability was 6.75%. 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. Consistent with the phased-in funding provided by the General Assembly for state and teacher employer contributions; the Authority was also provided with an opportunity to use an alternative employer contribution rate. For the year ended June 30, 2020, the alternate rate was the employer contribution rate used in FY 2012 or 100% of the actuarially determined employer contribution rate from the June 30, 2017 actuarial valuations, whichever was greater. From July 1, 2020 on, participating employers are assumed to continue 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 (Asset)

	Increase (Decrease)		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (Asset) (a) - (b)
Balances at June 30, 2019	\$ 8,288,470	\$ 7,974,586	\$ 313,884
Changes for the year:			
Service cost	\$ 267,968	\$ -	\$ 267,968
Interest	551,698	-	551,698
Differences between expected and actual experience	358,025	-	358,025
Contributions - employer	-	108,419	(108,419)
Contributions - employee	-	157,724	(157,724)
Net investment income	-	153,552	(153,552)
Benefit payments, including refunds of employee contributions	(230,318)	(230,318)	-
Administrative expenses	-	(5,085)	5,085
Other changes	-	(184)	184
Net changes	\$ 947,373	\$ 184,108	\$ 763,265
Balances at June 30, 2020	\$ 9,235,843	\$ 8,158,694	\$ 1,077,149

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—PENSION PLAN: (CONTINUED)

Changes in Net Pension Liability (Asset): (Continued)

	Increase (Decrease)		
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability (Asset)
	(a)	(b)	(a) - (b)
Balances at June 30, 2018	\$ 7,315,078	\$ 7,448,712	\$ (133,634)
Changes for the year:			
Service cost	\$ 246,411	\$ -	\$ 246,411
Interest	504,181	-	504,181
Changes of assumptions	281,227	-	281,227
Differences between expected and actual experience	166,548	-	166,548
Contributions - employer	-	105,933	(105,933)
Contributions - employee	-	146,362	(146,362)
Net investment income	-	503,694	(503,694)
Benefit payments, including refunds of employee contributions	(224,975)	(224,975)	-
Administrative expenses	-	(4,822)	4,822
Other changes	-	(318)	318
Net changes	\$ 973,392	\$ 525,874	\$ 447,518
Balances at June 30, 2019	\$ 8,288,470	\$ 7,974,586	\$ 313,884

Sensitivity of the Net Pension Liability (Asset) to Changes in the Discount Rate as of June 30, 2021 and June 30, 2020

The following presents the net pension asset of the Authority using the discount rate of 6.75%, as well as what the Authority's net pension liability (asset) would be if it were calculated using a discount rate that is one percentage point lower (5.75%) or one percentage point higher (7.75%) than the current rate:

Authority's Net Pension Liability (Asset)	Rate		
	(5.75%)	(6.75%)	(7.75%)
June 30, 2021	\$ 2,446,236	\$ 1,077,149	\$ (32,905)
June 30, 2020	\$ 1,563,766	\$ 313,884	\$ (664,221)

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—PENSION PLAN: (CONTINUED)

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

For the year ended June 30, 2021, the Authority recognized pension expense of \$372,176. At June 30, 2021, 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	\$ 400,263	\$ 13,645
Change in assumptions	168,285	42,739
Net difference between projected and actual earnings on pension plan investments	242,203	-
Employer contributions subsequent to the measurement date	<u>171,609</u>	<u>-</u>
Total	<u>\$ 982,360</u>	<u>\$ 56,384</u>

For the year ended June 30, 2020, the Authority recognized pension expense of \$215,298. At June 30, 2020, 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	\$ 207,069	\$ 25,614
Change in assumptions	224,756	80,231
Net difference between projected and actual earnings on pension plan investments	-	71,121
Employer contributions subsequent to the measurement date	<u>108,533</u>	<u>-</u>
Total	<u>\$ 540,358</u>	<u>\$ 176,966</u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 11—PENSION PLAN: (CONTINUED)

Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions: (Continued)

\$171,609 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 (increase) of the Net Pension Asset in the fiscal year ending June 30, 2022. 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

2022	\$	145,848
2023		240,096
2024		247,994
2025		120,429
2026		-
Thereafter		-

\$108,533 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 (increase) of the Net Pension Asset in the fiscal year ending June 30, 2021. 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

2021	\$	88,441
2022		(9,992)
2023		84,256
2024		92,154
2025		-
Thereafter		-

Pension Plan Data

Information about the VRS Political Subdivision Retirement Plan is also available in the separately issued VRS 2020 Comprehensive Annual Financial Report (Annual Report). A copy of the 2020 VRS Annual Report may be downloaded from the VRS website at <http://www.varetire.org/Pdf/Publications/2020-annual-report.pdf>, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA 23218-2500.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) Plan (OPEB PLAN):

Plan Description

The Group Life Insurance (GLI) Plan was established pursuant to §51.1-500 et seq. of the Code of Virginia, as amended, and which provides the authority under which benefit terms are established or may be amended. All full-time, salaried permanent employees of the state agencies, teachers, and employees of participating political subdivisions are automatically covered by the VRS GLI Plan upon employment. This is a cost-sharing multiple-employer plan administered by the Virginia Retirement System (the System), along with pensions and other OPEB plans, for public employer groups in the Commonwealth of Virginia.

In addition to the Basic GLI benefit, members are also eligible to elect additional coverage for themselves as well as a spouse or dependent children through the Optional GLI Plan. For members who elect the optional group life insurance coverage, the insurer bills employers directly for the premiums. Employers deduct these premiums from members' paychecks and pay the premiums to the insurer. Since this is a separate and fully insured program, it is not included as part of the GLI Plan OPEB.

The specific information for GLI OPEB, including eligibility, coverage and benefits is described below:

Eligible Employees

The GLI Plan was established July 1, 1960, for state employees, teachers, and employees of political subdivisions that elect the program. Basic GLI coverage is automatic upon employment. Coverage ends for employees who leave their position before retirement eligibility or who take a refund of their accumulated retirement member contributions and accrued interest.

Benefit Amounts

The GLI Plan is a defined benefit plan with several components. The natural death benefit is equal to the employee's covered compensation rounded to the next highest thousand and then doubled. The accidental death benefit is double the natural death benefit. In addition to basic natural and accidental death benefits, the Plan provides additional benefits provided under specific circumstances that include the following: accidental dismemberment benefit, safety belt benefit, repatriation benefit, felonious assault benefit, and accelerated death benefit option. The benefit amounts are subject to a reduction factor. The benefit amount reduces by 25% on January 1 following one calendar year of separation. The benefit amount reduces by an additional 25% on each subsequent January 1 until it reaches 25% of its original value. For covered members with at least 30 years of creditable service, the minimum benefit payable was set at \$8,000 by statute in 2015. This amount is increased annually based on the VRS Plan 2 cost-of-living adjustment. The minimum benefit adjusted for the COLA was \$8,616 as of June 30, 2021.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) Plan (OPEB PLAN):

Contributions

The contribution requirements for the Group Life Insurance Plan are governed by §51.1-506 and §51.1-508 of the Code of Virginia, as amended, but may be impacted as a result of funding provided to state agencies and school divisions by the Virginia General Assembly. The total rate for the Group Life Insurance Plan was 1.34% of covered employee compensation. This was allocated into an employee and an employer component using a 60/40 split. The employee component was 0.80% (1.34% x 60%) and the employer component was 0.54% (1.34% x 40%). Employers may elect to pay all or part of the employee contribution; however, the employer must pay all of the employer contribution. Each employer's contractually required employer contribution rate for the year ended June 30, 2021 was 0.54% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2019. The actuarially determined rate, when combined with employee contributions, was expected to finance the costs of benefits payable during the year, with an additional amount to finance any unfunded accrued liability. Contributions to the Group Life Insurance Plan from the entity were \$19,245 and \$17,523 for the years ended June 30, 2021 and June 30, 2020, respectively.

GLI OPEB Liabilities, GLI OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to the Group Life Insurance Plan OPEB

At June 30, 2021, the entity reported a liability of \$273,189 for its proportionate share of the Net GLI OPEB Liability. The Net GLI OPEB Liability was measured as of June 30, 2020 and the total GLI OPEB liability used to calculate the Net GLI OPEB Liability was determined by an actuarial valuation performed as of June 30, 2019 and rolled forward to the measurement date of June 30, 2020. The covered employer's proportion of the Net GLI OPEB Liability was based on the covered employer's actuarially determined employer contributions to the Group Life Insurance Plan for the year ended June 30, 2020 relative to the total of the actuarially determined employer contributions for all participating employers. At June 30, 2020, the participating employer's proportion was 0.01640% as compared to 0.01581% at June 30, 2019.

For the year ended June 30, 2021, the participating employer recognized GLI OPEB expense of \$14,033. Since there was a change in proportionate share between measurement dates, a portion of the GLI OPEB expense was related to deferred amounts from changes in proportion.

For the year ended June 30, 2020, the participating employer recognized GLI OPEB expense of \$7,921. Since there was a change in proportionate share between measurement dates, a portion of the GLI OPEB expense was related to deferred amounts from changes in proportion.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) Plan (OPEB PLAN):

GLI OPEB Liabilities, GLI OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to the Group Life Insurance Plan OPEB: (Continued)

At June 30, 2021, the employer reported deferred outflows of resources and deferred inflows of resources related to the GLI OPEB from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 17,523	\$ 2,455
Net difference between projected and actual earnings on GLI OPEB program investments	8,206	-
Change in assumptions	13,663	5,704
Changes in proportion	13,419	1,884
Employer contributions subsequent to the measurement date	<u>19,245</u>	<u>-</u>
Total	<u><u>\$ 72,056</u></u>	<u><u>\$ 10,043</u></u>

At June 30, 2020, the employer reported deferred outflows of resources and deferred inflows of resources related to the GLI OPEB from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 17,110	\$ 3,336
Net difference between projected and actual earnings on GLI OPEB program investments	-	5,285
Change in assumptions	16,243	7,758
Changes in proportion	8,795	2,442
Employer contributions subsequent to the measurement date	<u>17,523</u>	<u>-</u>
Total	<u><u>\$ 59,671</u></u>	<u><u>\$ 18,821</u></u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) PLAN (OPEB PLAN): (CONTINUED)

GLI OPEB Liabilities, GLI OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to the Group Life Insurance Plan OPEB: (Continued)

\$19,017 reported as deferred outflows of resources related to the GLI OPEB resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the Net GLI OPEB Liability in the fiscal year ending June 30, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the GLI OPEB will be recognized in the GLI OPEB expense in future reporting periods as follows:

<u>Year Ended June 30</u>		
2022	\$	7,730
2023		10,048
2024		10,803
2025		10,133
2026		3,584
Thereafter		470

\$17,523 reported as deferred outflows of resources related to the GLI OPEB resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the Net GLI OPEB Liability in the fiscal year ending June 30, 2021. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the GLI OPEB will be recognized in the GLI OPEB expense in future reporting periods as follows:

<u>Year Ended June 30</u>		
2021	\$	2,886
2022		2,886
2023		5,124
2024		5,807
2025		5,134
Thereafter		1,490

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) PLAN (OPEB PLAN): (CONTINUED)

Actuarial Assumptions

The total GLI OPEB liability was based on an actuarial valuation as of June 30, 2019, 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, 2020. The assumptions include several employer groups. Mortality rates included herein are for relevant employer groups. Information for other groups can be referenced in the VRS CAFR.

Inflation	2.50%
Salary increases, including inflation: Locality - General employees	3.50%-5.35%
Investment rate of return	6.75%, net of investment expenses, including inflation*

*Administrative expenses as a percent of the fair 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 6.75%. However, since the difference was minimal, and a more conservative 6.75% 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 6.75% to simplify preparation of OPEB liabilities.

Mortality Rates—Non-Largest Ten Locality Employers—General Employees

Pre-Retirement:

RP-2014 Employee Rates to age 80, Healthy Annuitant Rates to 81 and older projected with scale BB to 2020; males 95% of rates; females 105% of rates.

Post-Retirement:

RP-2014 Employee Rates to age 49, Healthy Annuitant Rates at ages 50 and older projected with scale BB to 2020; males set forward 3 years; females 1.0% increase compounded from ages 70 to 90.

Post-Disablement:

RP-2014 Disability Mortality Rates projected with scale BB to 2020; males set forward 2 years, 110% of rates; females 125% of rates.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) PLAN (OPEB PLAN): (CONTINUED)

Actuarial Assumptions: (Continued)

Mortality Rates—Non-Largest Ten Locality Employers—General Employees: (Continued)

The actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study for the period from July 1, 2012 through June 30, 2016, except the changes in the discount rate, which was based on VRS Board action effective as of July 1, 2019. Changes to the actuarial assumptions as a result of the experience study are as follows:

Mortality Rates (pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table - RP-2014 projected to 2020
Retirement Rates	Lowered retirement rates at older ages and extended final retirement age from 70 to 75
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Lowered disability rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 14.00% to 15.00%
Discount Rate	Decreased rate from 7.00% to 6.75%

NET GLI OPEB Liability

The net OPEB liability (NOL) for the Group Life Insurance Plan represents the Plan's total OPEB liability determined in accordance with GASB Statement No. 74, less the associated fiduciary net position. As of the measurement date of June 30, 2020 and 2019, NOL amounts for the Group Life Insurance Plan is as follows (amounts expressed in thousands):

	Group Life Insurance OPEB Plan	
	2020	2019
Total GLI OPEB Liability	\$ 3,523,937	\$ 3,390,238
Plan Fiduciary Net Position	1,855,102	1,762,972
Employers' Net GLI OPEB Liability (Asset)	<u>\$ 1,668,835</u>	<u>\$ 1,627,266</u>
Plan Fiduciary Net Position as a Percentage of the Total GLI OPEB Liability	52.64%	52.00%

The total GLI OPEB liability is calculated by the System's actuary, and each plan's fiduciary net position is reported in the System's financial statements. The net GLI OPEB liability is disclosed in accordance with the requirements of GASB Statement No. 74 in the System's notes to the financial statements and required supplementary information.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) PLAN (OPEB PLAN): (CONTINUED)

NET GLI OPEB LIABILITY: (CONTINUED)

Long-Term Expected Rate of Return

The long-term expected rate of return on the System's 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 System's 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:

<u>Asset Class (Strategy)</u>	<u>Long-Term Target Asset Allocation</u>	<u>Arithmetic Long-term Expected Rate of Return</u>	<u>Weighted Average Long-term Expected Rate of Return</u>
Public Equity	34.00%	4.65%	1.58%
Fixed Income	15.00%	0.46%	0.07%
Credit Strategies	14.00%	5.38%	0.75%
Real Assets	14.00%	5.01%	0.70%
Private Equity	14.00%	8.34%	1.17%
MAPS - Multi-Asset Public Strategies	6.00%	3.04%	0.18%
PIP - Private Investment Partnership	3.00%	6.49%	0.19%
Total	<u>100.00%</u>		<u>4.64%</u>
		Inflation	<u>2.50%</u>
		Expected arithmetic nominal return*	<u>7.14%</u>

*The above allocation provides a one-year return of 7.14%. However, one-year returns do not take into account the volatility present in each of the asset classes. In setting the long-term expected return for the system, stochastic projections are employed to model future returns under various economic conditions. The results provide a range of returns over various time periods that ultimately provide a median return of 7.11%, including expected inflation of 2.50%. On October 10, 2019, the VRS Board elected a long-term rate of 6.75% which is roughly in the 40th percentile of expected long-term results of the VRS fund asset allocation. More recent capital market assumptions compiled for the FY2020 actuarial valuations provide a median return of 6.81%.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 12—GROUP LIFE INSURANCE (GLI) PLAN (OPEB PLAN): (CONTINUED)

Discount Rate

The discount rate used to measure the total GLI OPEB liability was 6.75%. The projection of cash flows used to determine the discount rate assumed that member contributions will be made per the VRS guidance 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 ended June 30, 2020, the rate contributed by the entity for the GLI OPEB will be subject to the portion of the VRS Board-certified rates that are funded by the Virginia General Assembly which was 100% of the actuarially determined contribution rate. From July 1, 2019 on, employers are assumed to continue to contribute 100% of the actuarially determined contribution rates. Based on those assumptions, the GLI OPEB's fiduciary net position was projected to be available to make all projected future benefit payments of eligible employees. Therefore, the long-term expected rate of return was applied to all periods of projected benefit payments to determine the total GLI OPEB liability.

Sensitivity of the Employer's Proportionate Share of the Net GLI OPEB Liability to Changes in the Discount Rate as of June 30, 2020 and June 30, 2021

The follow presents the employer's proportionate share of the net GLI OPEB liability using the discount rate of 6.75%, as well as what the employer's proportionate share of the net GLI OPEB liability would be if it were calculated using a discount rate that is one percentage point lower (5.75%) or one percentage point higher (7.75%) than the current rate:

	Rate		
	1% Decrease (5.75%)	Current Discount (6.75%)	1% Increase (7.75%)
Authority's proportionate share of the Group Life Insurance Program Net OPEB Liability			
June 30, 2021	\$ 359,127	\$ 273,189	\$ 203,398
June 30, 2020	\$ 337,982	\$ 257,271	\$ 191,816

Group Life Insurance Plan Fiduciary Net Position

Detailed information about the GLI Plan's Fiduciary Net Position is available in the separately issued VRS 2020 Comprehensive Annual Financial Report (Annual Report). A copy of the 2020 VRS Annual Report may be downloaded from the VRS website at <http://www.varetire.org/Pdf/Publications/2020-annual-report.pdf>, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA, 23218-2500.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Financial Statements
As of June 30, 2021 and 2020 (Continued)

NOTE 13—RISK MANAGEMENT:

A. The Authority

The Authority is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees and natural disasters.

The Authority is a member of the Virginia Risk Sharing Association (VRSA) for its property, automobile, liability, public officials, and workers' compensation coverage. Each association member jointly and severally agrees to assume, pay and discharge any liability. The Authority pays VRSA contributions and assessments based upon classifications and rates into a designated cash reserve fund out of which expenses of the Association and claims and awards are to be paid. In the event of a loss deficit and depletion of all available excess insurance, the Association may assess all members in the proportion which the premium of each bears to the total premiums of all members in the year in which such deficit occurs.

The Authority carries commercial insurance for all risks of loss. During the last three fiscal years, settled claims from these risks have not exceeded commercial coverage.

B. Health and Dental

Anthem Blue Cross and Blue Shield administers the group health insurance and prescription programs and Delta Dental administers the group dental insurance for employees and their dependents. The plans are self-insured by the Authority under Fauquier County. The Authority collects employee contributions bi-monthly. Anthem processes claims from the hospitals, doctors, and other health care providers. Fauquier County is then billed for these paid claims and must reimburse Anthem for these costs. Fauquier County then bills the Authority their portion of the claims and administration fees. The program is a minimum premium design subject to an aggregate attachment point and a specific stop loss of \$50,000. The stop loss coverage was carved out of the Anthem policy and is administered by Symetra. Symetra insures both medical and prescription claims that are in excess of \$50,000. Symetra reimburses the Authority for the amount. The premiums the Authority pays Symetra are based on covered employees.

The dental plans are fully insured by Delta Dental and administered by Fauquier County. Delta Dental processes claims, from dentists and other dental providers, and pays these claims. The Authority is only responsible for the premiums set by Delta Dental.

The Authority has a Health Insurance Reserve of \$50,000 held by Fauquier County for claims run out in case of termination of the self-insured plan. In addition, the Authority Board restricted \$40,000 in a fund for health insurance.

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Required Supplementary Information

Schedule of Changes in Net Pension Liability (Asset) and Related Ratios
Pension Plan
For the Measurement Dates of June 30, 2014 through June 30, 2020

	2020	2019	2018	2017
Total pension liability				
Service cost	\$ 267,968	\$ 246,411	\$ 244,681	\$ 235,183
Interest	551,698	504,181	469,509	454,867
Changes in assumptions	-	281,227	-	(192,707)
Difference between expected and actual experience	358,025	166,548	19,035	(61,521)
Benefit payments, including refunds of employee contributions	(230,318)	(224,975)	(250,832)	(202,483)
Net change in total pension liability	\$ 947,373	\$ 973,392	\$ 482,393	\$ 233,339
Total pension liability - beginning	8,288,470	7,315,078	6,832,685	6,599,346
Total pension liability - ending (a)	\$ 9,235,843	\$ 8,288,470	\$ 7,315,078	\$ 6,832,685
Plan fiduciary net position				
Contributions - employer	\$ 108,419	\$ 105,933	\$ 119,358	\$ 120,399
Contributions - employee	157,724	146,362	143,020	141,283
Net investment income	153,552	503,694	515,935	755,805
Benefit payments, including refunds of employee contributions	(230,318)	(224,975)	(250,832)	(202,483)
Administrative expense	(5,085)	(4,822)	(4,358)	(4,233)
Other	(184)	(318)	(544)	(754)
Net change in plan fiduciary net position	\$ 184,108	\$ 525,874	\$ 522,579	\$ 810,017
Plan fiduciary net position - beginning	7,974,586	7,448,712	6,926,133	6,116,116
Plan fiduciary net position - ending (b)	\$ 8,158,694	\$ 7,974,586	\$ 7,448,712	\$ 6,926,133
Authority's net pension liability (asset) - ending (a) - (b)	\$ 1,077,149	\$ 313,884	\$ (133,634)	\$ (93,448)
Plan fiduciary net position as a percentage of the total pension liability	88.34%	96.21%	101.83%	101.37%
Covered payroll	\$ 3,369,779	\$ 3,098,487	\$ 3,002,308	\$ 2,959,345
Authority's net pension (asset) liability as a percentage of covered payroll	31.96%	10.13%	-4.45%	-3.16%

Schedule is intended to show information for 10 years. Information prior to the 2014 valuation is not available. However, additional years will be included as they become available.

Schedule of Changes in Net Pension Liability (Asset) and Related Ratios
Pension Plan
For the Measurement Dates of June 30, 2014 through June 30, 2020

	2016	2015	2014
Total pension liability			
Service cost	\$ 210,790	\$ 210,819	\$ 233,185
Interest	411,798	381,354	351,577
Changes in assumptions	-	-	-
Difference between expected and actual experience	245,293	78,832	-
Benefit payments, including refunds of employee contributions	(302,722)	(169,477)	(149,264)
Net change in total pension liability	\$ 565,159	\$ 501,528	\$ 435,498
Total pension liability - beginning	6,034,187	5,532,659	5,097,161
Total pension liability - ending (a)	\$ 6,599,346	\$ 6,034,187	\$ 5,532,659
Plan fiduciary net position			
Contributions - employer	\$ 141,775	\$ 131,280	\$ 166,227
Contributions - employee	162,447	128,938	121,744
Net investment income	106,166	264,236	766,252
Benefit payments, including refunds of employee contributions	(302,722)	(169,477)	(149,264)
Administrative expense	(3,680)	(3,477)	(3,968)
Other	(45)	(56)	41
Net change in plan fiduciary net position	\$ 103,941	\$ 351,444	\$ 901,032
Plan fiduciary net position - beginning	6,012,175	5,660,731	4,759,699
Plan fiduciary net position - ending (b)	\$ 6,116,116	\$ 6,012,175	\$ 5,660,731
Authority's net pension liability (asset) - ending (a) - (b)	\$ 483,230	\$ 22,012	\$ (128,072)
Plan fiduciary net position as a percentage of the total pension liability	92.68%	99.64%	102.31%
Covered payroll	\$ 2,728,127	\$ 2,495,933	\$ 2,386,659
Authority's net pension (asset) liability as a percentage of covered payroll	17.71%	0.88%	-5.37%

Schedule is intended to show information for 10 years. Information prior to the 2014 valuation is not available. However, additional years will be included as they become available.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Schedule of Employer Contributions

Pension Plan

Years Ended June 30, 2012 through June 30, 2021

Date	Contributions in Relation to			Employer's Covered Payroll (4)	Contributions as a % of Covered Payroll (5)
	Contractually Required Contribution (1)	Contractually Required Contribution (2)	Contribution Deficiency (Excess) (3)		
2021	\$ 171,609	\$ 171,609	\$ -	\$ 3,563,832	4.82%
2020	108,533	108,533	-	3,369,779	3.22%
2019	105,891	105,891	-	3,098,487	3.42%
2018	124,405	124,405	-	3,002,308	4.14%
2017	129,619	129,619	-	2,959,345	4.38%
2016	145,955	145,955	-	2,728,127	5.35%
2015	133,532	131,280	-	2,495,933	5.26%
2014	166,589	166,589	-	2,386,659	6.98%
2013	163,810	163,810	-	2,346,852	6.98%
2012	102,513	102,513	-	2,238,283	4.58%

Current year contributions are from Authority records and prior year contributions are from the VRS actuarial valuation performed each year.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Required Supplementary Information

Pension Plan

Year Ended June 30, 2021

Changes of benefit terms – There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation.

Changes of assumptions – The actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study for the period from July 1, 2012 through June 30, 2016, except the change in the discount rate, which was based on VRS Board action effective as of July 1, 2019. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

Largest 10 – Non-Hazardous Duty:

Mortality Rates (pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table - RP-2014 projected to 2020
Retirement Rates	Lowered rates at older ages and changed final retirement from 70 to 75
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Lowered rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 14.00% to 15.00%
Discount Rate	Decreased rate from 7.00% to 6.75%

All Others (Non 10 Largest) – Non-Hazardous Duty:

Mortality Rates (pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table - RP-2014 projected to 2020
Retirement Rates	Lowered rates at older ages and changed final retirement from 70 to 75
Withdrawal Rates	Adjusted rates to better fit experience at each year age and service through 9 years of service
Disability Rates	Lowered rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 60.00% to 45.00%
Discount Rate	Decreased rate from 7.00% to 6.75%

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Schedule of Authority's Share of Net OPEB Liability

Group Life Insurance (GLI) Plan

For the Measurement Dates of June 30, 2017 through June 30, 2020

Date (1)	Employer's Proportion of the Net GLI OPEB Liability (Asset) (2)	Employer's Proportionate Share of the Net GLI OPEB Liability (Asset) (3)	Employer's Covered Payroll (4)	Employer's Proportionate Share of the Net GLI OPEB Liability (Asset) as a Percentage of Covered Payroll (3)/(4) (5)	Plan Fiduciary Net Position as a Percentage of Total GLI OPEB Liability (6)
2020	0.01640% \$	273,189 \$	3,569,779	7.65%	52.64%
2019	0.01581%	257,271	3,098,487	8.30%	52.00%
2018	0.01579%	240,000	3,002,308	7.99%	51.22%
2017	0.01604%	241,000	2,959,345	8.14%	48.86%

Schedule is intended to show information for 10 years. Information prior to the 2017 valuation is not available. However, additional years will be included as they become available.

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Schedule of Employer Contributions

Group Life Insurance (GLI) Plan

For the Years Ended June 30, 2012 through June 30, 2021

Date	Contractually Required Contribution (1)	Contributions in Relation to Contractually Required Contribution (2)	Contribution Deficiency (Excess) (3)	Employer's Covered Payroll (4)	Contributions as a % of Covered Payroll (5)
2021	\$ 19,245	\$ 19,245	\$ -	\$ 3,563,832	0.54%
2020	17,523	17,523	-	3,369,779	0.52%
2019	16,112	16,112	-	3,098,487	0.52%
2018	15,732	15,732	-	3,002,308	0.52%
2017	15,389	15,389	-	2,959,345	0.52%
2016	13,095	13,095	-	2,728,127	0.48%
2015	11,994	11,994	-	2,498,762	0.48%
2014	11,456	11,456	-	2,386,659	0.48%
2013	11,265	11,265	-	2,346,852	0.48%
2012	6,267	6,267	-	2,238,283	0.28%

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Notes to Required Supplementary Information
Group Life Insurance (GLI) Plan
Year Ended June 30, 2021

Changes of benefit terms – There have been no actuarially material changes to the System benefit provisions since the prior actuarial valuation.

Changes of assumptions – The actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study for the period from July 1, 2012 through June 30, 2016, except the change in the discount rate, which was based on VRS Board action effective as of July 1, 2019. Changes to the actuarial assumptions as a result of the experience study and VRS Board action are as follows:

Largest Ten Locality Employers - General Employees

Mortality Rates (pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table - RP-2014 projected to 2020
Retirement Rates	Lowered retirement rates at older ages and extended final retirement age from 70 to 75
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Lowered disability rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 14.00% to 15.00%
Discount Rate	Decreased rate from 7.00% to 6.75%

Non-Largest Ten Locality Employers - General Employees

Mortality Rates (pre-retirement, post-retirement healthy, and disabled)	Updated to a more current mortality table - RP-2014 projected to 2020
Retirement Rates	Lowered retirement rates at older ages and extended final retirement age from 70 to 75
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Lowered disability rates
Salary Scale	No change
Line of Duty Disability	Increased rate from 60.00% to 45.00%
Discount Rate	Decreased rate from 7.00% to 6.75%

Statistical Section

Contents

Tables

Financial Trends

These tables contain trend information to help the reader understand how the the Authority's financial performance has changed over time.

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Revenue, Rates and Usage Information

These tables contain information to help the reader assess the factors affecting the Authority's change in revenues and its ability to generate revenues.

3-6

Expenses

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 relate to the activities it performs.

12

Other Information

These tables contain miscellaneous data

13

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

Net Position by Component
Last Ten years

	Fiscal Years				
	2021	2020	2019	2018	2017
Net position:					
Net Investment in capital assets	\$ 72,469,768	\$ 71,821,673	\$ 71,184,508	\$ 67,421,966	\$ 64,987,481
Restricted	369,386	369,386	369,386	369,386	468,724
Unrestricted	<u>15,928,292</u>	<u>15,925,377</u>	<u>15,325,543</u>	<u>13,320,422</u>	<u>10,881,809</u>
Total net position	<u>\$ 88,767,446</u>	<u>\$ 88,116,436</u>	<u>\$ 86,879,437</u>	<u>\$ 81,111,774</u>	<u>\$ 76,338,014</u>

	Fiscal Years				
	2016	2015	2014	2013	2012
Net position:					
Net Investment in capital assets	\$ 65,074,202	\$ 60,030,622	\$ 58,184,968	\$ 54,323,804	\$ 53,333,168
Restricted	-	-	111,972	-	31,915
Unrestricted	<u>7,996,376</u>	<u>8,011,147</u>	<u>7,413,933</u>	<u>5,110,621</u>	<u>4,339,839</u>
Total net position	<u>\$ 73,070,578</u>	<u>\$ 68,041,769</u>	<u>\$ 65,710,873</u>	<u>\$ 59,434,425</u>	<u>\$ 57,704,922</u>

Source: Fauquier County Water and Sanitation Authority

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Changes in Net Position Last Ten Years

	2021	2020	2019
Operating revenues:			
Water service	\$ 5,113,110	\$ 5,094,624	\$ 4,793,437
Sewer service	5,426,486	5,353,484	5,144,754
Septic service	439,608	439,891	388,808
Late charges	107,643	124,090	181,607
Other operating revenues	968,349	303,788	276,633
Total operating revenues	<u>\$ 12,055,196</u>	<u>\$ 11,315,877</u>	<u>\$ 10,785,239</u>
Operating expenses:			
Salaries	\$ 3,527,031	\$ 3,539,417	\$ 3,093,075
Fringe benefits	1,361,809	1,044,151	837,296
General and administrative	475,141	582,573	497,459
Operations and maintenance	2,844,547	2,589,780	2,463,265
Depreciation expense	3,796,021	3,504,050	3,321,632
Total operating expenses	<u>\$ 12,004,549</u>	<u>\$ 11,259,971</u>	<u>\$ 10,212,727</u>
Net operating income (loss)	<u>\$ 50,647</u>	<u>\$ 55,906</u>	<u>\$ 572,512</u>
Nonoperating revenue (expenses):			
Availability fees	\$ 828,590	\$ 893,800	\$ 1,670,737
Interest earned	47,841	232,502	299,055
Interest expense	(280,663)	(300,269)	(315,493)
Insurance proceeds	4,595	-	-
Net nonoperating revenue (expenses)	<u>\$ 600,363</u>	<u>\$ 826,033</u>	<u>\$ 1,654,299</u>
Net income (loss) before capital contributions	<u>\$ 651,010</u>	<u>\$ 881,939</u>	<u>\$ 2,226,811</u>
Capital Contributions	<u>-</u>	<u>355,060</u>	<u>3,540,852</u>
Change in net position	<u>\$ 651,010</u>	<u>\$ 1,236,999</u>	<u>\$ 5,767,663</u>
Net position, at beginning of year	<u>88,116,436</u>	<u>86,879,437</u>	<u>81,111,774</u>
Net position, at end of year	<u><u>\$ 88,767,446</u></u>	<u><u>\$ 88,116,436</u></u>	<u><u>\$ 86,879,437</u></u>

Source: Fauquier County Water and Sanitation Authority.

* During FY2018, the Authority prospectively implemented GASB Statement No. 75, which resulted in a restatement of beginning net position. In the year of implementation, comparative information for the net OPEB liability and related items was unavailable. Therefore, the FY2017 amounts related to OPEB have not be restated to reflect the requirements of GASB Statement No. 75.

Table 2

2018	2017	2016	2015	2014	2013	2012
\$ 4,630,031	\$ 4,351,789	\$ 3,438,450	\$ 3,519,398	\$ 3,290,504	\$ 3,278,523	\$ 3,110,188
4,867,411	4,515,284	3,874,505	3,524,999	3,390,211	3,202,582	3,178,717
364,114	387,223	337,780	295,896	222,908	490,042	468,705
194,015	163,712	129,880	151,975	161,898	147,231	171,640
368,109	420,630	334,378	383,291	328,601	294,476	267,671
<u>\$ 10,423,680</u>	<u>\$ 9,838,638</u>	<u>\$ 8,114,993</u>	<u>\$ 7,875,559</u>	<u>\$ 7,394,122</u>	<u>\$ 7,412,854</u>	<u>\$ 7,196,921</u>
\$ 3,167,950	\$ 3,135,875	\$ 2,848,966	\$ 2,622,093	\$ 2,515,181	\$ 2,338,834	\$ 2,308,237
872,536	984,579	1,138,118	882,093	829,358	926,274	847,748
639,812	584,324	556,190	477,316	537,264	388,643	428,523
2,311,448	2,359,475	2,128,639	2,082,445	2,192,251	1,768,958	1,419,252
3,198,751	3,304,507	3,063,090	2,982,641	3,276,736	3,002,676	2,599,488
<u>\$ 10,190,497</u>	<u>\$ 10,368,760</u>	<u>\$ 9,735,003</u>	<u>\$ 9,046,588</u>	<u>\$ 9,350,790</u>	<u>\$ 8,425,385</u>	<u>\$ 7,603,248</u>
<u>\$ 233,183</u>	<u>\$ (530,122)</u>	<u>\$ (1,620,010)</u>	<u>\$ (1,171,029)</u>	<u>\$ (1,956,668)</u>	<u>\$ (1,012,531)</u>	<u>\$ (406,327)</u>
\$ 3,043,318	\$ 2,295,031	\$ 2,095,670	\$ 1,952,908	\$ 3,687,466	\$ 1,168,821	\$ 603,542
221,570	81,424	31,869	40,078	32,504	26,253	32,346
(349,662)	(250,894)	(168,652)	(188,494)	(219,958)	(495,053)	(331,064)
-	-	-	-	-	-	-
<u>\$ 2,915,226</u>	<u>\$ 2,125,561</u>	<u>\$ 1,958,887</u>	<u>\$ 1,804,492</u>	<u>\$ 3,500,012</u>	<u>\$ 700,021</u>	<u>\$ 304,824</u>
\$ 3,148,409	\$ 1,595,439	\$ 338,877	\$ 633,463	\$ 1,543,344	\$ (312,510)	\$ (101,503)
1,875,351	1,671,997	4,689,932	1,868,668	4,733,104	2,042,013	1,422,189
\$ 5,023,760	\$ 3,267,436	\$ 5,028,809	\$ 2,502,131	\$ 6,276,448	\$ 1,729,503	\$ 1,320,686
* 76,088,014	73,070,578	68,041,769	65,539,638	57,606,592	55,877,089	54,556,403
<u>\$ 81,111,774</u>	<u>\$ 76,338,014</u>	<u>\$ 73,070,578</u>	<u>\$ 68,041,769</u>	<u>\$ 63,883,040</u>	<u>\$ 57,606,592</u>	<u>\$ 55,877,089</u>

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY
Table 3

 Schedule of Revenues
 Last Ten Fiscal Years

Fiscal Years		Water Service		Sewer Service		Availability Fees		Other Revenues		Total
2012	\$	3,110,188	\$	3,178,717	\$	603,542	\$	940,362	\$	7,832,809
2013		3,278,523		3,202,582		1,168,821		958,002		8,607,928
2014		3,290,504		3,390,211		3,687,466		745,911		11,114,092
2015		3,519,398		3,524,999		1,952,908		871,240		9,868,545
2016		3,438,450		3,874,505		2,095,670		833,907		10,242,532
2017		4,351,789		4,515,284		2,295,031		1,052,989		12,215,093
2018		4,630,031		4,867,411		3,043,318		1,147,808		13,688,568
2019		4,793,437		5,144,754		1,670,737		1,146,103		12,755,031
2020		5,094,624		5,353,484		893,800		1,100,271		12,442,179
2021		5,113,110		5,426,486		828,590		1,568,036		12,936,222

Source: Fauquier County Water and Sanitation Authority

Schedule of Rates
Last Ten Years

Fiscal Year	Water Usage Fee (1)	Water Base Service Fees	Sewer Usage Fee (2)	Sewer Base Service Fees
2012	\$ 3.36	\$ 18.04	\$ 6.63	\$ 18.26
2013	3.47	18.59	6.83	18.81
2014	3.47	18.59	6.83	18.81
2015	3.70	19.80	7.27	20.03
2016	3.94	21.09	7.74	21.33
2017	4.06	25.59	8.48	25.86
2018	4.35	27.39	9.07	27.67
2019	4.48	28.21	9.34	28.50
2020	4.61	29.05	9.62	29.35
2021	4.61	29.05	9.62	29.35

(1) This is the first step of several steps in the Water Usage Fee schedule.

(2) There is only one rate for the Sewer Usage Fee.

Source: Fauquier County Water and Sanitation Authority

Schedule of New Connections
Last Ten Fiscal Years

Fiscal Year	WATER			SEWER		
	New Connections	Cumulative Connections	% of Growth	New Connections	Cumulative Connections	% of Growth
2012	107	5,170	2.11%	114	3,502	3.36%
2013	109	5,279	2.11%	84	3,586	2.40%
2014	187	5,466	3.54%	111	3,697	3.10%
2015	110	5,579	2.01%	115	3,812	3.11%
2016	141	5,717	2.53%	115	3,927	3.02%
2017	171	5,888	2.99%	135	4,062	3.44%
2018	133	6,021	2.26%	134	4,196	3.30%
2019	159	6,180	2.64%	143	4,339	3.41%
2020	56	6,236	0.91%	65	4,404	1.50%
2021	218	6,454	3.50%	195	4,599	4.43%

Source: Fauquier County Water and Sanitation Authority connection records

Schedule of Water Processed and Wastewater Treated (in gallons)
Last Ten Calendar Years

Calendar Year	Water Processed	Wastewater Treated
2012	536,037,859	469,519,300
2013	534,209,766	480,046,100
2014	537,318,945	558,264,400
2015	546,562,030	461,156,400
2016	545,205,211	546,088,100
2017	596,703,569	461,951,400
2018	573,800,866	512,976,900
2019	553,532,301	749,957,300
2020	523,397,812	569,722,300
2021	522,518,917	543,819,900

Source: Fauquier County Water and Sanitation Authority

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY
Table 7

 Schedule of Operating Expenses
 Last Ten Fiscal Years

Fiscal Years	Salaries	Fringe Benefits	General & Administrative	Operations & Maintenance	Depreciation Expense	Total
2012	\$ 2,308,237	\$ 847,748	\$ 428,523	\$ 1,419,252	\$ 2,599,488	\$ 7,603,248
2013	2,338,834	926,274	388,643	1,768,958	3,002,676	8,425,385
2014	2,515,181	829,358	537,264	2,192,251	3,276,736	9,350,790
2015	2,622,093	882,093	477,316	2,082,445	2,982,641	9,046,588
2016	2,848,966	1,138,118	556,190	2,128,639	3,113,765	9,785,678
2017	3,135,875	984,579	584,324	2,359,475	3,393,628	10,457,881
2018	3,167,950	872,536	639,812	2,311,448	3,198,751	10,190,497
2019	3,093,075	837,296	497,459	2,463,265	3,321,632	10,212,727
2020	3,539,417	1,044,151	582,573	2,589,780	3,504,050	11,259,971
2021	3,527,031	1,361,809	475,141	2,844,547	3,796,021	12,004,549

Source: Fauquier County Water and Sanitation Authority

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY
Table 8

Outstanding Debt by Type
Last Ten Fiscal Years

	Fiscal Year				
	2021	2020	2019	2018	2017
Revenue Refunding Bond 2017	\$ 1,808,023	\$ 1,949,016	\$ 2,086,521	\$ 2,220,626	\$ 2,350,262
Revenue Refunding Bond 2017	5,231,144	5,639,076	6,036,920	6,424,924	6,800,000
Revenue Bond 7-9-2009	1,544,441	1,693,999	1,839,568	1,981,259	2,119,172
Revenue Bond 9-20-10	-	-	-	125,240	270,038
Revenue Bond 11-16-2012	-	-	-	-	-
Revenue Refunding Bond 2012	956,935	1,579,011	2,188,678	2,786,184	3,371,772
Revenue Refunding Bond 2012	78,515	128,698	177,222	224,138	269,502
Capital lease	1,155,000	1,334,000	-	-	-
Total outstanding debt	<u>\$ 10,774,058</u>	<u>\$ 12,323,800</u>	<u>\$ 12,328,909</u>	<u>\$ 13,762,371</u>	<u>\$ 15,180,746</u>
Outstanding debt to personal income (1)	<u>2.15%</u>	<u>2.46%</u>	<u>2.46%</u>	<u>2.97%</u>	<u>3.44%</u>
Debt per capita (1)	<u>\$ 151</u>	<u>\$ 401</u>	<u>\$ 442</u>	<u>\$ 281</u>	<u>\$ 280</u>
	Fiscal Year				
	2016	2015	2014	2013	2012
Notes Payable VHEDA	\$ -	\$ -	\$ -	\$ -	\$ -
Note Payable - Brookside	-	-	-	516,150	516,150
Notes Payable Opal system	-	-	-	-	-
VRA Water Revenue Bond	-	-	-	-	455,811
VRA Water Revenue Bond	-	-	-	-	1,575,992
VRA Water Revenue Bond	-	-	-	-	1,246,396
Revenue Bond 7-9-2009	2,253,410	2,384,070	2,507,394	2,622,917	2,735,447
Revenue Bond 2011	-	-	-	-	3,113,956
Revenue Bond 9-20-10	410,421	546,525	678,480	806,412	1,127,971
Revenue Bond 11-16-2012	1,949,592	273,176	80,341	80,341	-
Revenue Refunding Bond 2012	3,945,678	4,508,136	5,059,374	5,599,617	-
Revenue Refunding Bond 2012	313,364	355,775	396,782	436,432	-
Virginia Water Facility Bond	-	-	-	-	180,000
Total outstanding debt	<u>\$ 8,872,465</u>	<u>\$ 8,067,682</u>	<u>\$ 8,722,371</u>	<u>\$ 10,061,869</u>	<u>\$ 10,951,723</u>
Outstanding debt to personal income (1)	<u>2.06%</u>	<u>1.98%</u>	<u>2.18%</u>	<u>2.46%</u>	<u>2.86%</u>
Debt per capita	<u>\$ 289</u>	<u>\$ 345</u>	<u>\$ 382</u>	<u>\$ 476</u>	<u>\$ 476</u>

Source: Fauquier County Water and Sanitation Authority

(1) Personal income and population data can be found in the table of demographic and economic statistics,

Revenue Bond Coverage (Water and Sewer Bonds)
Last Ten Fiscal Years

Fiscal Year	Gross Revenue	Direct Operating Expenses	Net Revenue Available for Debt Service	Debt Service Requirements			
				Principal	Interest	Total	Coverage
2012	7,832,809	5,003,760	2,829,049	999,729	454,370	1,454,099	1.95
2013	8,607,928	5,422,709	3,185,219	1,105,769	437,768	1,543,537	2.06
2014	11,114,092	6,074,054	5,040,038	1,339,498	200,278	1,539,776	3.27
2015	9,868,545	6,063,947	3,804,598	847,524	164,159	1,011,683	3.76
2016	10,242,532	6,671,913	3,570,619	871,465	156,916	1,028,381	3.47
2017	12,215,093	7,064,253	5,150,840	892,390	260,741	1,153,131	4.47
2018	13,688,568	6,991,746	6,696,822	1,418,375	367,544	1,785,919	3.75
2019	12,755,031	6,891,095	5,863,936	1,339,109	295,404	1,634,513	3.59
2020	12,442,179	6,891,095	5,551,084	1,370,741	263,772	1,634,513	3.40
2021	12,936,222	8,208,528	4,727,694	1,403,136	231,377	1,634,513	2.89

Note: Details regarding the Authority's outstanding debt can be found in the notes to the financial statements. Gross revenues includes investment earnings and availability fees. Operating expenses do not include interest or depreciation.

Revenue means:

- i All rates, fees, rentals, charges, income and money property allocable to the System in accordance with general accepted accounting principles or resulting from the Borrower's ownership or operation of the System, excluding customer and other deposits subject to refund until such deposits have become the Borrower's property,
- ii The proceeds of any insurance covering business interruption loss relating to the System,
- iii Interest on any money or securities related to the System held by or on behalf of the Borrower,
- iv Any other money from other sources pledged by the Borrower to the payment of its Local Bond.

Source: Fauquier County Water and Sanitation Authority

Demographic and Economic Statistics
Last Ten Fiscal Years

Year	Estimated Population (1)	Personal Income (expressed in thousands) (2)	Per Capita Personal Income (2)	Unemployment Rate (3)	County Civilian Labor Force (3)	At-Place Employment Annual Average (3)	School Enrollment (4)
2012	65,780	\$ 4,096,730	\$ 61,441	5.4%	36,761	21,381	11,201
2013	66,131	3,992,753	59,326	5.2%	36,742	21,212	11,032
2014	66,573	4,081,897	59,695	4.8%	36,696	21,070	11,084
2015	67,512	4,316,279	62,832	4.2%	36,618	21,517	11,055
2016	67,898	4,410,308	63,854	3.7%	36,294	22,043	11,042
2017	68,168	4,637,197	66,756	3.4%	36,989	22,093	11,007
2018	69,098	5,002,860	70,787	2.8%	37,613	22,021	11,104
2019	70,150	5,169,053	72,577	2.6%	37,765	36,157	11,153
2020	71,395	*	*	5.7%	36,513	34,228	11,039
2021	70,996	*	*	3.1%	36,977	*	11,058

Sources: (1) Weldon Cooper Center for Public Service final population estimates as of July 1st for FY2012-FY2020, and provisional estimate for FY2021, as of July 1, 2020.
 (2) Bureau of Economic Analysis, calendar year data.
 (3) Bureau of Labor Statistics
 (4) Fauquier County Schools Adopted Budgets

* Unavailable

Principal Employers
Current Year and Nine Years Ago

Employer	2021		2012	
	Rank	Number of Employees	Employer	Rank
Fauquier County School Board	1	1,000 and over	Fauquier County School Board	1
Fauquier Health System	2	500 to 999	Fauquier Hospital	2
County of Fauquier	3	500 to 999	County of Fauquier	3
US Department of Transportation	4	250 to 499	US Department of Transportation	4
Walmart	5	250 to 499	Walmart	5
			Warrenton Overlook Health & Rehabilitation Center	6
Buccaneer Computer System	6	100 to 249	Pearson Government Solutions, Inc.	7
Town of Warrenton	7	100 to 249	Food Lion	8
Food Lion	8	100 to 249	Town of Warrenton	9
Airlie Foundation	9	100 to 249	Oak Springs Nursing Home	10
Lord Fairfax Community College	10	100 to 249		

Source: Virginia Employment Commission Top 50 Employers

Operating and Capital Indicators
Last Ten Fiscal Years

	<u>FY 2021</u>	<u>FY2020</u>	<u>FY2019</u>	<u>FY2018</u>	<u>FY2017</u>	<u>FY2016</u>	<u>FY 2015</u>	<u>FY 2014</u>	<u>FY 2013</u>	<u>FY 2012</u>
Water System:										
Number of water systems	16	16	16	16	16	16	16	16	14	14
Number of service connections	6,454	6,236	6,034	6,021	5,888	5,717	5,576	5,466	5,279	5,170
Miles of water mains	143	143	143	143	142	142	141	127	100	100
Daily average consumption per MGD	1.43	1.43	1.89	1.42	1.63	1.49	1.38	1.365	1.34	1.323
Average daily water distributed per MGD	1.43	1.43	1.89	1.42	1.63	1.49	1.38	1.365	1.34	1.323
Storage capacity in million gallons	5.904	5.904	5.154	5.154	5.154	5.154	5.154	5.154	5.154	5.154
Sewerage System:										
Number of treatment plants	3	3	3	3	3	3	3	3	3	3
Number of pump stations	15	15	15	15	14	14	14	14	13	13
Number of service connections	4,599	4,404	4,339	4,196	4,062	3,927	3,812	3,697	3,586	3,502
Miles of sanitary sewer mains	96	96	96	96	91	91	91	91	82	82
Daily average treatment per MGD	1.561	1.561	0.857	1.28	1.328	1.492	1.254	1.365	1.319	1.289
Design capacity of treatment plants per MGD	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.236
Number of Full-Time Employees:	47	46	47	47	47	46	46	42	44	44

MGD - Million Gallon per Day

Source: Fauquier County Water and Sanitation Authority

FAUQUIER COUNTY WATER AND SANITATION AUTHORITY

Principal Water and Sewer Customers
Last Ten Fiscal Years

Principal Users of the Water System	Principal Business	FY 2021		FY 2020		FY 2019	
		000/gals	% of System	000/Gals	% of System	000/gals	% of System
MINTBROOK SENIOR APARTMENTS	Apartments	9,070	1.98%				
FAUQUIER COUNTY PUBLIC SCHOOLS	Public Schools	6,892	1.51%	8,281	1.83%	9,752	1.89%
SUFFIELD MEADOW CONDO	Condos	6,612	1.45%	1,750	0.39%	1,889	0.37%
CHUCK DAVIS	ODEC	6,120	1.34%	7,448	1.65%	6,090	1.18%
BROOKSIDE HOA	Homeowners Association	5,564	1.22%			977	0.19%
NORTH FORTY ASPEN PLUS	Apartments	4,633	1.01%	1,567	0.35%	1,330	0.26%
FEDERAL AVIATION ADM	Federal FFA buliding	3,758	0.82%	4,469	0.99%	6,846	1.33%
WAVERLY STATION	Apartments	3,147	0.69%	1,721	0.38%	1,901	0.37%
ASPEN SOUTH	Apartments	3,117	0.68%	3,178	0.70%	4,900	0.95%
BEALETON VILLAGE CENTER LLC	Shopping Center	2,121	0.46%	2,929	0.65%	985	0.19%
CEDAR LEE CONDO ASSOCIATES	Apartments	923	0.20%	2,650	0.59%	3,500	0.68%
VAN MANAGEMENT INC	Marshall McDonalds						
WAKEFIELD SCHOOL	Private School			5,632	1.25%		
ASPEN CLUB APTS/NORTH 40	Apartments						
R. B. DRUMHELLER INC.	Bealeton McDonalds						
Total		42,887	9.38%	39,625	8.78%	38,170	7.40%
Total Water System Annual Consumption		457,218		451,497		434,569	

Principal Users of the Sewer System	Principal Business	000/gals	System	000/gals	System	000/gals	System
FAUQUIER COUNTY PUBLIC SCHOOLS	Public Schools	6,578	1.39%	11,483	3.93%	12,189	3.89%
GOOSE POND GROVE	Apartments	3,998	0.84%				
FEDERAL AVIATION ADM	Federal FFA building	3,758	0.79%	4,469	1.53%	5,156	1.65%
CEDAR LEE CONDO ASSOCIATES	Condos	3,147	0.66%	8,509	2.91%	4,628	1.48%
ASPEN SOUTH	Apartments	3,117	0.66%	3,231	1.10%	3,528	1.13%
CHUCK DAVIS	ODEC	2,747	0.58%				
ASPEN CLUB APTS/NORTH 40	Apartments	2,473	0.52%	3,648	1.25%		
MINTBROOK SENIOR APARTMENTS	Apartments	2,121	0.45%				
DOUTY ENTERPRISES (CAR WASH)	Car Wash	1,696	0.36%				
NORTH FORTY ASPEN PLUS	Apartments	1,546	0.33%	1,567	0.54%	1,565	0.50%
SHEETZ # 221 UTILITIES	Convenience Store, Gas Station	1,273	0.27%	5,735	1.96%	1,581	0.51%
BEALETON VILLAGE CENTER LLC	Shopping Center	791	0.17%	8,531	2.92%	375	0.12%
WAVERLY STATION	Apartments			1,721	0.59%	1,884	0.60%
OPAL OIL, INC.	Quarles Q Stop					1,293	0.41%
BROOKSIDE HOA	Homeowners Association					1,007	0.32%
VAN MANAGEMENT INC	Marshall McDonalds						
BLUE RIDGE CHRISTIAN HOME	Nursing Home			8,932	3.05%		
R. B. DRUMHELLER INC.	Bealeton McDonalds						
WAKEFIELD SCHOOL	Private School						
Total		33,245	7.00%	57,826	19.78%	33,206	10.61%

Table 13

FY 2018		FY 2017		FY 2016		FY 2015		FY 2014		FY 2013		FY 2012	
000/gals	% of System	000/gals	% of System	000/gals	% of System	000/gals	% of System	000/gals	% of System	000/gals	% of System	000/gals	% of System
11,945	2.01%	11,667	1.96%	12,252	2.32%	9,946	1.96%	10,696	2.26%	9,684	2.05%	13,035	2.76%
1,142	0.19%	5,577	0.94%	12,605	2.38%	2,485	0.49%	3,480	0.74%	3,193	0.68%	773	0.16%
7,230	1.22%	6,683	1.12%	8,900	1.68%	3,765	0.74%	9,029	1.91%	299	0.06%	1,931	0.41%
1,029	0.17%	4,313	0.72%	1,047	0.20%								
1,628	0.27%	3,757	0.63%	1,754	0.33%	1,730	0.34%	1,520	0.32%	1,402	0.30%	4,900	1.04%
5,064	0.85%	13,657	2.30%	2,470	0.47%	3,646	0.72%	3,911	0.83%	3,661	0.77%	4,487	0.95%
1,611	0.27%	3,273	0.55%	1,422	0.27%	1,520	0.30%	1,507	0.32%	1,055	0.22%	717	0.15%
2,638	0.44%	5,826	0.98%	3,191	0.60%	3,165	0.62%	3,223	0.68%	3,168	0.67%	2,963	0.63%
						794	0.16%			6,667	1.41%	1,377	0.29%
2,654	0.45%	6,960	1.17%	2,880	0.54%	3,562	0.70%			1,840	0.39%	526	
1,028	0.17%	2,022	0.34%			1,030	0.20%	1,234	0.26%			1,280	0.27%
						772	0.15%			448	0.09%	586	0.12%
				1,080	0.20%	1,879	0.37%	2,347	0.50%	2,753	0.58%	2,084	0.44%
						790	0.16%	852	0.18%				
9,092	1.76%	63,735	10.71%	48,011	9.08%	35,000	6.90%	33,888	7.17%	32,349	6.83%	30,698	6.27%
432,214		439,931		402,214		385,873		337,318		334,209		336,037	
000/gals	System	000/gals	System	000/gals	System	000/gals	System	000/gals	System	000/gals	System	000/gals	System
10,985	2.26%	9,632	1.99%	12,835	2.50%	9,885	1.91%	10,025	1.99%	8,397	1.67%	12,837	2.55%
5,064	1.04%	13,657	2.82%	2,470	0.48%	3,646	0.71%	3,911	0.78%	3,660	0.73%	4,487	0.89%
2,654	0.55%	6,960	1.44%	2,880	0.56%	3,562	0.69%			1,840	0.37%	526	0.10%
2,638	0.54%	5,826	1.20%	3,191	0.62%	3,165	0.61%	3,223	0.64%	3,168	0.63%	2,963	0.59%
				8,900	1.73%	1,970	0.38%	9,029	1.79%	359	0.07%	3,880	0.77%
				1,080	0.21%	1,879	0.36%	2,347	0.47%	2,753	0.55%	2,084	0.41%
1,628	0.34%	3,757	0.77%	1,754	0.34%	1,730	0.33%	1,520	0.30%	1,402	0.28%	4,900	0.97%
2,128	0.44%	2,227	0.46%	2,285	0.45%	2,095	0.41%	2,190	0.43%	1,978	0.39%	1,875	0.37%
930	5.18%	1,981	0.41%			794	0.15%			6,667	1.41%	1,377	0.29%
1,611	0.33%	3,273	0.67%	1,422	0.28%	1,520	0.29%	1,507	0.30%	1,055	0.21%	717	0.14%
						1,474	0.29%	1,461	0.29%				
259	0.05%	4,313	0.89%	1,047	0.20%								
1,028	0.21%	2,022	0.42%			1,030	0.20%	1,234	0.24%	1,084	0.22%	1,280	0.25%
						1,271	0.25%			930	0.18%	1,026	0.20%
						790	0.15%	852	0.18%				
						772	0.15%			448	0.09%	586	0.12%
17,940	3.85%	53,648	11.06%	35,394	6.90%	31,937	6.18%	21,160	4.19%	27,074	5.37%	37,161	7.36%

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ROBINSON, FARMER, COX ASSOCIATES, PLLC

Certified Public Accountants

**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 Members of the Board of Directors
Fauquier County Water and Sanitation Authority
Warrenton, 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 Fauquier County Water and Sanitation Authority as of and for the year ended June 30, 2021, 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 1, 2021.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Fauquier County Water and Sanitation Authority's internal control over financial reporting (internal control) as a basis for designing 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 Fauquier County Water and Sanitation Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of Fauquier County Water and Sanitation 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 entity's financial statements will not be prevented or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Fauquier County Water and Sanitation 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 financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

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

Robinson, Farmer, Cox Associates

Charlottesville, Virginia
December 1, 2021