SOUTHEASTERN PUBLIC SERVICE AUTHORITY OF VIRGINIA

FINANCIAL REPORT

As of and for the Year Ended June 30, 2020
(With Comparative Totals for 2019)

And Report of Independent Auditor

SOUTHEASTERN PUBLIC SERVICE AUTHORITY
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Cherry Bekaert LLP
CPAs & Advisors

Report of Independent Auditor

To the Board of Directors
Southeastern Public Service Authority of Virginia
Chesapeake, Virginia

Report on the Financial Statements

We have audited the accompanying financial statements of the Southeastern Public Service Authority of Virginia (the "Authority"), as of and for the year ended June 30, 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 audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to the 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 and specifications 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 Authority, as of June 30, 2020, and the changes in its financial position and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Prior Period Financial Statements
The financial statements of the Authority, as of and for the year ended June 30, 2019, were audited by other auditors whose report dated November 13, 2019, expressed an unmodified opinion on those statements. In our opinion, the summarized comparative information presented herein, as of and for the year ended June 30, 2019, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Other Matters

Required Supplementary Information
Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis information on pages 3 through 8, and the Pension and OPEB information on pages 48 - 54 be presented to supplement the basic financial statements. Such information, although not part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by *Government Auditing Standards*
In accordance with *Government Auditing Standards*, we have also issued our report dated September 29, 2020, on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the 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 the Authority's internal control over financial reporting and compliance.

Cherry Bekaert LLP

Virginia Beach, Virginia
September 29, 2020

This discussion and analysis of Southeastern Public Service Authority of Virginia (the "Authority" or "SPSA") provides an overview and analysis of the financial activities for the fiscal year ended June 30, 2020. This discussion and analysis should be read in conjunction with the basic financial statements.

Financial and Operating Highlights

- The net position of the Authority at the close of fiscal year 2020 was $55,740,595 representing an increase of $8.5 million from fiscal year 2019.
- The municipal tipping fee was reduced from $62 per ton to $57 per ton effective July 1, 2019.
- The Authority experienced an increase in the municipal waste stream of approximately 24,780 tons or 5.5%.

Overview of the Financial Report

The Southeastern Public Service Authority is a single enterprise fund and presents its financial statements using the economic resources measurement focus and accrual basis of accounting, which is the same measurement focus, and basis of accounting employed by private-sector business enterprises. This discussion and analysis is intended to serve as an introduction to the Authority's basic financial statements, which include comparative Statements of Net Position, Statements of Revenues, Expenses, and Changes in Net Position, Statements of Cash Flows, and notes to the financial statements.

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

The Statements of Revenues, Expenses, and Changes in Net Position present information showing how the Authority's net position changed during the fiscal year. These statements measure the success of the Authority's operations and can be used to determine the Authority's profitability, credit worthiness, and whether it has successfully recovered all of its costs through user fees and other charges.

The Statements of Cash Flows present the change in the Authority's cash and cash equivalents during each fiscal year. This information can assist the user of the report in determining how the Authority financed its activities and how it met its cash requirements.

The notes to the financial statements provide additional information that is essential to a full understanding of the data in the financial statements. The notes present information about the Authority's accounting policies, significant account balances and activities, material risks, obligations, commitments, contingencies, and subsequent events, if any.

Summary of Net Position

As described earlier, the net position may serve over time as a useful indicator of the Authority's financial position. At the close of the fiscal year, the Authority's assets and deferred outflows of resources exceeded its liabilities and deferred inflows of resources by $55,740,595 as compared to the previous year's net position of $47,185,773. Capital assets shown below represent the acquisition cost less accumulated depreciation, not fair value.

The Authority's unrestricted cash and investments increased by approximately $8.8 million as compared to fiscal year 2019. Approximately $4.3 million of the $8.8 million is a result of budgeting funds to be set aside for future landfill expansion, closure and post closure costs. The balance of approximately $4.5 million is due to the variance in budgeted expenses versus actual expenses and an increase in the waste stream.

The following table presents a condensed summary of net position as of June 30, 2020 and 2019.

	2020	2019
Assets and deferred outflows of resources:		
Current and other assets	$ 51,874,141	$ 43,678,367
Capital assets - net	29,633,224	29,188,129
Deferred outflows of resources	535,652	73,955
Total assets and deferred outflows of resources	$ 82,043,017	$ 72,940,451
Liabilities and deferred inflows of resources:		
Current liabilities	$ 5,545,613	$ 6,354,529
Long-term liabilities	19,833,879	18,618,523
Deferred inflows of resources	922,930	781,626
Total liabilities and deferred inflows of resources	26,302,422	25,754,678
Net position:		
Net investment in capital assets	29,633,224	29,188,129
Restricted - environmental trust fund	936,731	920,401
Restricted for pension	5,414,247	5,803,444
Unrestricted	19,756,393	11,277,050
Total net position	55,740,595	47,185,773
Total liabilities and deferred inflows of resources and net position	$ 82,043,017	$ 72,940,451

Net investment in capital assets is approximately $29.6 million as compared to $29.2 million in the prior fiscal year.

The unrestricted portion of net position increased to $19,756,393 as compared to $11,277,050 in the prior year. This increase is due to an increase in the waste stream and budgeting funds to set aside for future expenses.

Summary of Revenues, Expenses and Changes in Net Position

The Authority's net position increased in fiscal year 2020 by approximately $8.5 million of which approximately $4 million increase applies to the purchase of various capital assets and construction projects, $3 million represents excess revenues over expenses and $1.5 million is from nonoperating revenues. The nonoperating revenues include $1 million investment income.

Operating revenues decreased approximately $396,000 as compared to the previous year. The municipal tipping fees declined approximately $791,000 due to the decrease in the municipal tip fee from $62 per ton to $57 per ton effective July 1, 2019.

The changes in the Authority's net position can be determined by reviewing the following condensed statements of revenues, expenses, and changes in net position:

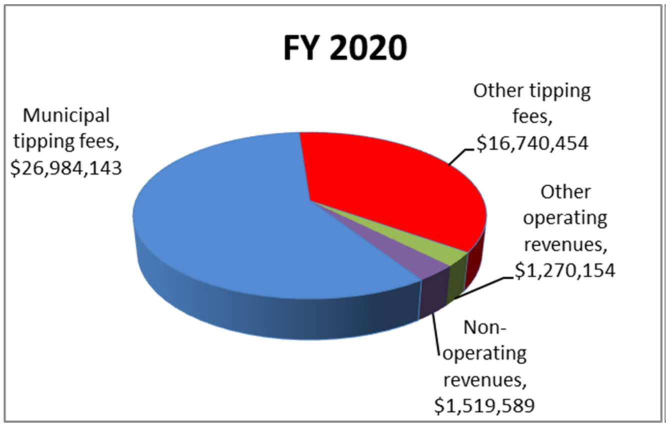
	2020	2019
Operating revenues:		
Municipal tipping fees	$ 26,984,143	$ 27,774,997
Other tipping fees	16,740,454	16,402,852
Other operating revenue	1,270,154	1,212,600
Total operating revenues	44,994,751	45,390,449
Operating expenses:		
Personnel	9,137,718	8,521,266
Depreciation and depletion	3,200,209	3,588,027
Routine maintenance operations	3,024,287	2,894,287
Wheelabrator service contract	18,950,473	19,548,312
Other operating expenses	3,646,831	4,345,831
Total operating expenses	37,959,518	38,897,723
Operating income	7,035,233	6,492,726
Nonoperating revenues (expenses):		
Gain on the sale of assets	225,547	107,213
Investment income	1,005,128	766,541
Other income, net	288,914	1,400,525
Total nonoperating revenues (expenses)	1,519,589	2,274,279
Change in net position	8,554,822	8,767,005
Net Position:		
Beginning of year	47,185,773	38,418,768
End of year	$ 55,740,595	$ 47,185,773

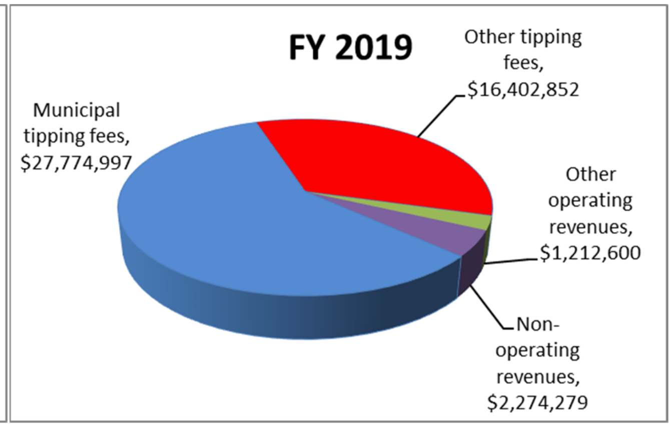
Other tipping fees consist of construction, demolition and debris, solid waste received from the United States Navy, sludge, other waste accepted directly at the Regional Landfill and contract and non-contract waste received at the transfer stations. Other tipping fees increased by approximately $338,000.

Other operating revenue represents approximately 3% of total operating revenues during 2020 and includes charges for services to dispose of household hazardous waste, tires, white goods, sale of methane gas generated at the regional landfill, and other miscellaneous fees.

Nonoperating revenues decreased in fiscal year 2020 by approximately $755,000 due to a decrease in net pension income.

The following graph illustrates the major revenues by source for the fiscal years ended June 30, 2020 and 2019:





The Authority's operating expenses decreased approximately 2.4% or $938,000 in comparison to the prior fiscal year. The decrease is primarily attributed to a decrease in the landfill closure and postclosure cost accrual and a decrease in nonroutine maintenance and repairs.

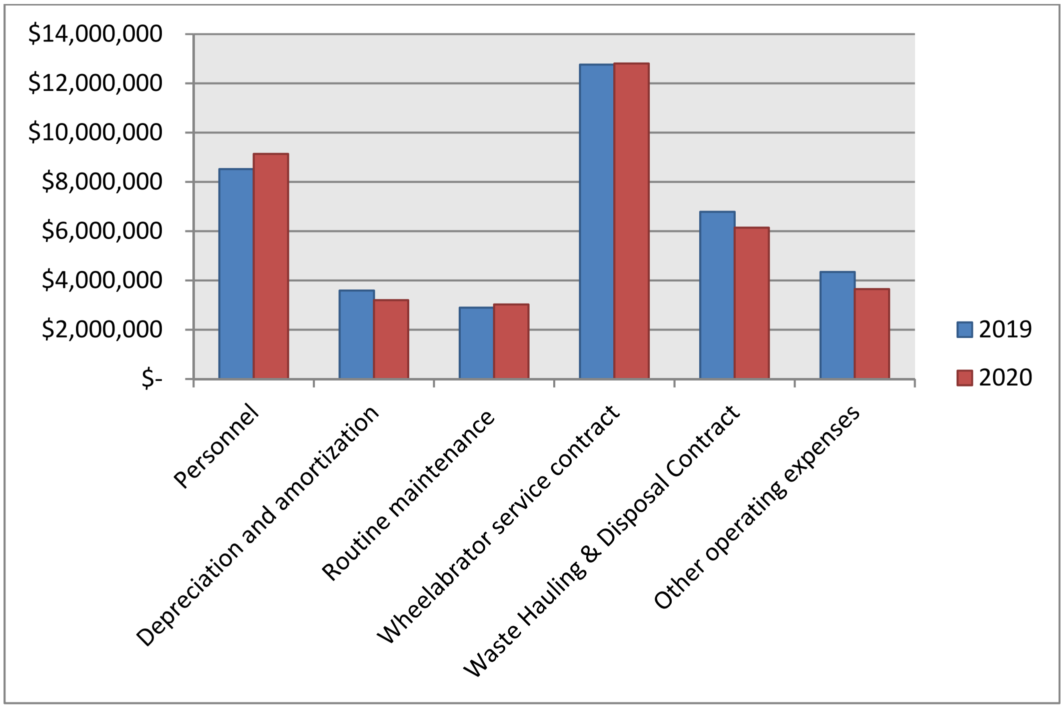
Personnel costs increased by $616,000 primarily due to an update to the Authority's Pay Plan resulting in an increase in employee salaries effective July 1, 2019. Depreciation expense decreased $388,000 in fiscal year 2020 due to several assets fully depreciated in fiscal year 2019.

The costs associated with the Wheelabrator Service Contracts reflect a net increase in costs of approximately $49,000 as compared to the prior year. The Authority pays Wheelabrator to dispose of municipal solid waste and it pays Wheelabrator to haul and dispose certain contract waste. In fiscal year 2020, the Authority paid Wheelabrator approximately $12.8 million to dispose of municipal waste the Authority hauled to Wheelabrator's RDF Plant as compared to $12.8 million in the prior fiscal year. The increase was due to an increase in tonnages. The Authority paid Wheelabrator approximately $6.1 million to haul and dispose of contract waste versus $6.7 million in the previous year. This decrease is due to a reduction in commercial waste in response to COVID-19.

Other operating expenses decreased by approximately $699,000 through a combination of expenses, but most notably with a decrease in the annual landfill closure accrual due to an adjustment based on the 2020 Air Space Report.

On April 2, 2020, the fleet maintenance shop at the Regional Landfill caught on fire. The landfill administration building is attached to the maintenance shop. It was determined later that the fire started in the electrical system of a Caterpillar off-road dump truck that was in the shop for a hydraulic repair. The entire building and contents received substantial damage as a result of the fire. Due to the damage sustained from the fire it was determined that SPSA staff could not occupy the structure and were relocated to other locations on the property. The total estimated damage resulting from the fire is in excess of $1.8 million. As of June 30, 2020, neither demolition nor reconstruction had begun. Approximately $436,000 in expenses related to the fire are included in Other Operating Expenses. SPSA expects to recover these expenses in the upcoming fiscal year.

The following graph illustrates the expenses by category for the fiscal years ended June 30, 2020 and 2019:



Capital Assets

At the end of 2020, the Authority had $29.6 million (net of accumulated depreciation and depletion) invested in a broad range of capital assets, including the regional landfill, transfer stations, heavy equipment, and rolling stock. This amount represents a net increase (net of additions and deductions) of approximately $445,000, or approximately 1.5% more than last year primarily due to the acquisition of new tractors and heavy equipment. Eleven assets with a net book value of $398,000 were disposed during fiscal year 2020 due to the fire at the Landfill. The assets under construction include expenses associated with landfill expansion and permitting cells 8/9 . The details of capital asset values for the various categories are included in Note 5 of the basic financial statements.

A summary of capital assets for fiscal years 2020 and 2019 is presented below:

	Balance July 1, 2019	Increases	Decreases	Balance June 30, 2020
Land	$ 2,646,251	$ -	$ -	$ 2,646,251
Assets under construction	302,853	527,710	(128,168)	702,395
Improvements (regional landfill)	64,415,852	-	-	64,415,852
Other land improvements	495,511	-	-	495,511
Buildings	39,194,273	131,251	(702,539)	38,622,985
Vehicles and equipment	33,668,686	3,512,172	(1,532,434)	35,648,424
Total capital assets	140,723,426	4,171,133	(2,363,141)	142,531,418
Accumulated depreciation	111,535,297	3,200,209	(1,837,312)	112,898,194
Net capital assets	$ 29,188,129	$ 970,924	$ (525,829)	$ 29,633,224

Effects of COVID-19

The Authority has experienced a rise in the municipal waste stream as a result of COVID-19 and a decline in commercial waste. In March and April 2020, when residents were directed to stay home, it appeared most were spending their time cleaning out closets, garages, etc. As the months continued, we believe the increase in waste is largely due to residents ordering food "to go" instead of dining at restaurants and the ordering of household items were done on-line and delivered to the residents, both of which increase the municipal waste stream. The Authority's personnel have done an outstanding job responding to the increased waste stream. We continue to provide all essential personal protective equipment including masks, gloves, hand sanitizer and other disinfecting solutions to insure the safety of our staff.

Contacting the Authority's Financial Management

This financial report is designed to provide our customers and creditors with a general overview of the Authority's finances and to demonstrate the Authority's accountability for the money it receives. If you have questions about this report or need additional financial information regarding the Authority, contact the Executive Director and Chief Financial Officer at 723 Woodlake Drive, Chesapeake, Virginia 23320.

BASIC FINANCIAL STATEMENTS

SOUTHEASTERN PUBLIC SERVICE AUTHORITY
STATEMENT OF NET POSITION

JUNE 30, 2020 (WITH COMPARATIVE TOTALS FOR 2019)

	2020	2019
ASSETS		
Current Assets:		
Cash and cash equivalents (Note 2)	$ 1,899,129	$ 2,345,845
Investments (Note 3)	39,579,176	30,283,577
Accounts receivable:		
Authority members	2,617,100	2,445,012
Other customers	815,937	1,067,954
Insurance receivable	197,516	-
Allowance for doubtful accounts	(5,000)	(5,000)
Prepaid expenses	124,054	130,230
Inventory, maintenance parts	217,195	230,306
Accrued interest receivable (Note 3)	78,056	101,321
Total Current Assets	45,523,163	36,599,245
Noncurrent Assets:		
Restricted assets, investments (Note 3)	936,731	920,401
Capital assets, net of accumulated depreciation and depletion (Note 4)	29,633,224	29,188,129
Net pension asset (Note 10)	5,414,247	6,158,721
Total Noncurrent Assets	35,984,202	36,267,251
Total Assets	81,507,365	72,866,496
DEFERRED OUTFLOWS OF RESOURCES		
Deferred pension amounts (Note 10)	378,251	37,352
Deferred PMBP OPEB amounts (Note 12)	52,401	-
Deferred GLIP OPEB amounts (Note 12)	92,000	29,487
Deferred VLDP OPEB contributions (Note 12)	13,000	7,116
Total Deferred Outflows of Resources	535,652	73,955
Total Assets and Deferred Outflows of Resources	$ 82,043,017	$ 72,940,451

SOUTHEASTERN PUBLIC SERVICE AUTHORITY
STATEMENT OF NET POSITION (CONTINUED)

JUNE 30, 2020 (WITH COMPARATIVE TOTALS FOR 2019)

	2020	2019
LIABILITIES		
Current Liabilities:		
Accounts payable	$ 3,565,086	$ 3,870,058
Accrued expenses	1,360,253	1,323,701
Landfill closure and postclosure liability, current portion (Note 5)	620,274	1,160,770
Total Current Liabilities	5,545,613	6,354,529
Noncurrent Liabilities:		
Net OPEB liability, PMBP (Note 13)	1,343,701	1,295,116
Net OPEB liability, GLIP (Note 12)	471,000	468,000
Net OPEB liability, VLDP (Note 12)	6,000	3,000
Landfill closure and postclosure care liability, noncurrent (Note 5)	18,013,178	16,852,407
Total Noncurrent Liabilities	19,833,879	18,618,523
Total Liabilities	25,379,492	24,973,052
DEFERRED INFLOWS OF RESOURCES		
Deferred pension amounts (Note 10)	595,454	398,996
Deferred PMBP OPEB amounts (Note 13)	252,476	314,630
Deferred GLIP OPEB amounts (Note 12)	74,000	67,000
Deferred VLDP OPEB amounts (Note 12)	1,000	1,000
Total Deferred Inflows of Resources	922,930	781,626
Total Liabilities and Deferred Inflows of Resources	26,302,422	25,754,678
NET POSITION		
Net investment in capital assets	29,633,224	29,188,129
Restricted - environmental trust fund (Note 3)	936,731	920,401
Restricted - pension	5,414,247	6,158,721
Unrestricted	19,756,393	10,918,522
Total Net Position	55,740,595	47,185,773
Total Liabilities, Deferred Inflows of Resources, and Net Position	$ 82,043,017	$ 72,940,451

SOUTHEASTERN PUBLIC SERVICE AUTHORITY

STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION

YEAR ENDED JUNE 30, 2020 (WITH COMPARATIVE TOTALS FOR 2019)

	2020	2019
Operating Revenues:		
Municipal tipping fees	$ 26,984,143	$ 27,774,997
Other tipping fees	16,740,454	16,402,852
Charges for household waste and tire program	1,044,076	911,749
Sale of methane gas	219,399	294,167
Other revenues	6,679	6,684
Total Operating Revenues	44,994,751	45,390,449
Operating Expenses:		
Compensation and related payroll costs	9,137,718	8,521,266
Depreciation and depletion	3,200,209	3,588,027
Postage, printing and supplies	54,927	35,830
Rental and utilities	359,906	353,246
Equipment fuel	570,455	684,156
Routine maintenance and vehicle operations	3,024,287	2,894,287
Nonroutine maintenance and repairs	306,189	414,757
Insurance	190,928	185,859
Legal and professional services	516,222	571,484
Landfill closure and postclosure care cost accrual	620,275	1,160,769
Wheelabrator service contract (Note 7)	12,807,793	12,758,836
Waste Hauling & Disposal Contract (Note 8)	6,142,680	6,789,476
Host Community & Good Neighbor Agreement (Note 9)	755,006	707,008
Other	272,923	232,722
Total Operating Expenses	37,959,518	38,897,723
Operating Income	7,035,233	6,492,726
Nonoperating Revenues:		
Gain on sale of assets	225,547	107,213
Insurance recoveries	7,890	-
Investment income	1,005,128	766,541
Pension benefit	-	1,069,016
Other	281,024	331,509
Total Nonoperating Revenues	1,519,589	2,274,279
Change in net position	8,554,822	8,767,005
Net position, beginning of year	47,185,773	38,418,768
Net position, end of year	$ 55,740,595	$ 47,185,773

SOUTHEASTERN PUBLIC SERVICE AUTHORITY
STATEMENT OF CASH FLOWS

YEAR ENDED JUNE 30, 2020 (WITH COMPARATIVE TOTALS FOR 2019)

	2020	2019
Cash flows from operating activities:		
Receipts from customers	$ 44,877,164	$ 45,148,211
Payments to suppliers for operations	(25,287,001)	(25,746,772)
Payments to employees for compensation	(8,622,500)	(8,651,962)
Net cash flows provided by operating activities	10,967,663	10,749,477
Cash flows from capital and related financing activities:		
Purchase of capital assets	(4,042,965)	(4,895,335)
Proceeds from sale of capital assets	87,300	206,996
Proceeds from insurance recoveries	543,798	-
Net cash flows used in capital and related financing activities	(3,411,867)	(4,688,339)
Cash flows from noncapital financing activities:		
Other income	281,024	331,509
Net cash flows provided by non-capital financing activities	281,024	331,509
Cash flows from investing activities:		
Proceeds from maturity and sale of investments	24,212,269	15,907,360
Payments for investments purchased	(33,524,198)	(22,810,851)
Interest and dividends received from investments	1,028,393	717,058
Net cash flows used in investing activities:	(8,283,536)	(6,186,433)
Change in cash and cash equivalents	(446,716)	206,214
Cash and cash equivalents, beginning of year	2,345,845	2,139,631
Cash and cash equivalents, beginning of year	$ 1,899,129	$ 2,345,845
Reconciliation of operating income to net cash provided by operating activities:		
Operating income	$ 7,035,233	$ 6,492,726
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation, depletion, and amortization of intangibles	3,200,209	3,588,027
Landfill closure and postclosure care cost accrual	620,275	1,160,769
Changes in operating assets and liabilities:		
Accounts receivable	(117,587)	(242,238)
Prepaid expenses	6,176	101,377
Inventory, maintenance parts	13,111	(92,863)
Net pension asset	744,474	713,739
Deferred outflows of resources	(461,697)	36,248
Accounts payable	(304,972)	(127,625)
Accrued expenses	36,552	(119,164)
Net OPEB liabilities	54,585	(284,686)
Deferred inflows of resources	141,304	(476,833)
Net cash provided by operating activities	$ 10,967,663	$ 10,749,477

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

Note 1—Nature of business and significant accounting policies

Nature of Business – Southeastern Public Service Authority of Virginia ("Authority" or "SPSA") is a public body politic and corporation created pursuant to the Virginia Water and Waste Authorities Act. The Authority is a special purpose government entity engaged in business-type activities with no component units. The members of the Authority are the cities of Chesapeake, Franklin, Norfolk, Portsmouth, Suffolk, and Virginia Beach and the counties of Isle of Wight and Southampton (collectively, the "Members").

Prior to January 25, 2018, all eight of the Members had entered into Agreements for Use and Support of a Solid Waste Disposal System ("Solid Waste Disposal Agreements") with the Authority. These operations are referred to as the Disposal System. More specifically, each Member community has agreed to deliver or cause to be delivered to the Authority at least 95% of all disposable solid waste generated within, collected by, or otherwise under the control of the contracting community. Each of the Members is assessed a per ton tipping fee (with the exception of the City of Suffolk), as established under fee schedules imposed by the Authority in accordance with the Virginia Water and Waste Authorities Act, for the disposal of solid waste delivered to any of the Authority's specified delivery points.

For seven of the Members, the Solid Waste Disposal Agreements became effective on January 22, 1985, the date on which the Authority's landfill (Regional Landfill) began accepting solid waste. In the case of the City of Virginia Beach, the Solid Waste Disposal Agreement became effective on the date fixed under a contract with the U.S. Navy that began in 1984 (the Navy Contract) as the start-up date of a Refuse Derived Fuel ("RDF") plant. Under the Navy Contract, RDF produced at the RDF Plant was to be provided to the Navy to produce steam and electricity at the U.S. Navy's power plant (Power Plant). The RDF and Power Plants are collectively referred to as the waste to energy ("WTE") facilities. The Solid Waste Disposal Agreements remained in effect until January 24, 2018.

Effective July 1, 1999, in a modification of the Navy Contract, the Navy transferred to the Authority all of the assets of the Power Plant. These assets included $105.2 million of property and equipment, $3.6 million of materials and supplies, and $0.8 million of cash restricted for power plant improvements. In addition, unamortized costs related to the contract were eliminated and long-term obligations and payables were satisfied. These transactions resulted in $100.1 million of capital contributions to the Authority's net position.

On April 29, 2010, the Authority sold its WTE facilities and related equipment to Wheelabrator Portsmouth, Inc. ("Wheelabrator"), formerly an affiliate of Waste Management Inc. The Authority's recycling services were terminated in May 2010.

In 2009, legislation was enacted, commonly referred to as House Bill 1872, which established a new board of directors and imposed a series of actions required by the Authority. Effective January 1, 2010, the governing board of directors consists of 16 members of which eight (one representative of each member community) are appointed by the Governor and eight members are employed and appointed by the respective Member communities. Elected officials are no longer eligible to serve on the board of directors. Alternate board members may be selected in the same manner as board members. As of June 30, 2020, the Governor had not appointed any such alternates and each of the eight member communities had appointed alternate board members.

In 2016, the Members entered into new Use and Support Agreements with the Authority effective January 25, 2018. More specifically, each Member community agreed to deliver or cause to be delivered to the Authority 100% of its municipal solid waste, which is defined as all solid waste the collection of which is controlled by the Member community. Each of the Members is assessed a per ton tipping fee as established under fee schedules imposed by the Authority in accordance with the Virginia Water and Waste Authorities Act, for the disposal of solid waste delivered to any of the Authority's specified delivery points. The term of the contract is January 25, 2018 to June 30, 2027 and will automatically renew for successive additional terms of 10 years each.

Note 1—Nature of business and significant accounting policies (continued)

Nature of Business (continued) – The Authority continues to operate nine transfer stations, the Regional Landfill located in Suffolk, a fleet maintenance facility, a household hazardous waste program, a tire shredder processing facility and a white goods program serving its purpose of the management of the safe and environmentally sound disposal of regional waste.

Basis of Accounting – The accompanying financial statements have been prepared on the accrual basis of accounting. The Authority reports as a special purpose government entity engaged in business-type activities, as defined by the Governmental Accounting Standards Board ("GASB"). Business-type activities are those that are financed in whole or in part by fees charged to external parties for goods or services.

The Authority's activities are accounted for similar to those often found in the private sector using the flow of economic resources measurement focus and the accrual basis of accounting. Assets, deferred outflows, liabilities, deferred inflows, net position, revenues, and expenses are accounted for through an enterprise fund with revenues recorded when earned and expenses recorded at the time liabilities are incurred. Current assets include cash and amounts convertible to cash during the next normal operating cycle, or one year. Current liabilities include those obligations to be liquidated with current assets. All expenses related to operating the Disposal System are reported as operating expenses. Charges for services provided by the Authority are reported as operating revenues. Interest income, gain on disposal of capital assets, net increase in fair value of investments and nonrecurring items including insurance recoveries are reported as nonoperating revenues.

Net Position – Net position represents the residual interest in the Authority's assets and deferred outflows of resources after liabilities and deferred inflows of resources are deducted and consist of three sections: net investment in capital assets; restricted; and unrestricted. Net investment in capital assets includes capital assets, net of accumulated depreciation and depletion, reduced by outstanding debt attributable to capital expenses, net of unspent bond proceeds. Net position is reported as restricted when constraints are imposed by third parties or enabling legislation. The Authority's restricted net positions are expendable and relate to amounts restricted for environmental trust funds and the net pension asset. Unrestricted amounts may be designated for specific purposes by action of management or the board of directors.

Cash and Cash Equivalents – Cash and cash equivalents are defined as being cash and short-term, interest-bearing investments consisting of certificates of deposit and other income producing securities of less than or equal to three months maturity when purchased. These investments are readily convertible to cash, and are stated at cost, which approximates fair value.

Investments – The Authority reports its investment securities at fair value. Fair value is determined as of the statement of net position date, based on quoted market prices.

Restricted Assets – Restricted assets are principally restricted for the payment of obligations under the Authority's environmental trust funds (see Note 3) and the net pension asset (see Note 10) and are recorded as noncurrent assets in the accompanying financial statements. When both restricted and unrestricted resources are available for use, it is the Authority's policy to use restricted resources first.

Inventory, Maintenance Parts – Inventory, maintenance parts are valued at the lower of cost (determined on the average-cost basis) or market.

Note 1—Nature of business and significant accounting policies (continued)

Capital Assets – Capital assets are recorded at cost. No interest costs were capitalized in 2020. Assets are depreciated by using the straight-line method over the estimated useful lives of the various classes as follows:

Land improvements	15 years
Buildings	30 years
Equipment and motor vehicles	3 - 30 years

The Regional Landfill is recorded at cost and depleted based upon estimated usage of capacity.

Expenditures that extend the useful lives of capital assets beyond their initial estimated useful lives or improve their efficiency or capacity are capitalized, whereas expenditures for repairs and maintenance are expensed. When an asset is retired, replaced or otherwise disposed of, the related cost and accumulated depreciation are eliminated from the accounts and any resulting gain or loss is reflected as nonoperating income or expense.

Payables – The accounts payable balances in the accompanying basic financial statements are payable to vendors for operating expenses. The accrued expense balances in the accompanying basic financial statements are payable to employees or for employee-related expenses, including accrued annual leave. Employees accrue annual, paid time off, and sick leave on a bi-weekly basis in amounts which vary depending on years of service. A liability for unused annual leave, paid time off, and sick leave is recorded as accrued by each employee.

Landfill Closure and Postclosure Care Liability – The Authority records landfill closure and postclosure care costs as an operating expense based on the landfill capacity used as of the fiscal year-end date and the current estimated costs for closure and postclosure care. (See Note 5).

Accounts Receivable – Provisions for uncollectible accounts receivable are based on specifically identified accounts that management believes may not be collectible as well as a percentage of delinquent accounts in the year-end accounts receivable balance.

Use of Estimates – The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Revenue Recognition – Disposal revenues are based on quantity and weight of disposable solid waste delivered to the Authority and are recognized when billed. Unbilled revenues through June 30 of each fiscal year are accrued at year-end.

Pension and Other Postemployement Benefits ("OPEB") – For purposes of measuring all financial statement elements related to pension and OPEB plans, information about the fiduciary net position of the Authority's Plans and the additions to/deductions from the Authority's 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.

Note 1—Nature of business and significant accounting policies (continued)

Deferred Outflows and Inflows of Resources – Deferred outflows of resources represent a consumption of net position that applies to a future period, and so it will not be recognized as an expense until then. The Authority's deferred outflows of resources relate to pensions and OPEB, and consist of the difference between expected and actual experience, changes of assumptions, changes in proportion and differences between employer contributions and proportionate share of contributions, and employer contributions subsequent to the measurement date.

Deferred inflows of resources represent an acquisition of net position that applies to a future period and so it will not be recognized as revenue until then. Authority's deferred inflows of resources relate to pensions and OPEB, and consist of the difference between expected and actual experience, changes of assumptions, the net difference between projected and actual earnings on plan investments, and changes in proportion and differences between employer contributions and proportionate share of contributions.

Amounts reported as deferred outflows of resources related to pensions and OPEB resulting from the Authority's contributions subsequent to the measurement date will be recognized as a reduction of the liability in the following year. Other amounts reported as deferred inflows and deferred outflows of resources will be amortized according to the actuarial amortization calculation. See Note 10 and 12 for further details.

Note 2—Cash and cash equivalents

At June 30, 2020, the Authority's cash and cash equivalents balance was $1,899,129. The deposits were covered by federal depository insurance or collateralized in accordance with the Virginia Security for Public Deposits Act (the "Act"). Under the Act, banks and savings institutions holding public deposits in excess of the amount insured by the FDIC must pledge collateral to the Commonwealth of Virginia Treasury Board. Financial institutions may choose between two collateralization methodologies and, depending upon that choice, will pledge collateral that ranges in the amounts from 50% to 130% of excess deposits in the form of federal agency obligations with a third party trustee in the name of the Treasurer of the Commonwealth of Virginia. In the event that the banking institution fails, the Treasurer will take possession of the collateral, liquidate it and reimburse the Authority up to the value of its deposits. The State Treasury Board is responsible for monitoring compliance with the collateralization and reporting requirements of the Act and for notifying local governments of compliance by banks. Accordingly, all deposits are considered fully collateralized.

Note 3—Investments

Total investments, including restricted and designated assets, were $40,515,907 and at June 30, 2020 and were held for the purposes and in the respective accounts described below:

	Investments	Accrued Interest Receivable	Total
Unrestricted [a]	$ 12,160,521	$ 78,056	$ 12,238,577
Landfill expansion and closure fund (designated) [b]	27,418,655	-	27,418,655
Environmental trust fund accounts (restricted) [c]	936,731	-	936,731
	$ 40,515,907	$ 78,056	$ 40,593,963

[a] *Unrestricted Accounts*
These funds represent a combination of operating funds and the operating reserve account.

[b] *Landfill Expansion and Closure Fund (designated)*
This account holds funds designated for the expansion, closure and post closure costs for the Regional Landfill to be drawn down when funds are dispersed for expansion, closure or postclosure costs. See Note 5 for more information.

[c] *Environmental Trust Fund Accounts*
These accounts were established through agreements between the Authority and the Member cities of Suffolk and Virginia Beach. The Environmental Trust Fund Accounts include the Suffolk Environmental Trust Fund and the Virginia Beach Environmental Trust Fund. The purpose of these accounts is to provide for all costs relating to legal suits and other similar claims activity relating to environmental pollution that are made against the Regional Landfill and the Virginia Beach Landfill during a 30-year period after cessation of each landfill's operations. The Authority must contribute a minimum of $5,000 annually to the Suffolk Environmental Trust Fund. Annual contributions to the Virginia Beach Environmental Trust Fund ended simultaneously with the expiration of the Ash & Residue Agreement on December 31, 2015. Upon expiration of the 30-year period, all remaining amounts will be proportionately distributed to each of the members using the Disposal System during the terms of the Environmental Trust Funds, based upon the tipping fees generated by such Members. The Members' proportionate shares of the Environmental Trust Funds at June 30, 2020, are presented on the following page.

Note 3—Investments (continued)

	Suffolk Environmental Trust Fund	Virginia Beach Environmental Trust Fund
Cities:		
Chesapeake	$ 116,274	$ 117,136
Franklin	6,040	6,010
Norfolk	106,684	106,689
Portsmouth	47,403	47,551
Suffolk	4,625	4,692
Virginia Beach	152,622	154,835
Counties:		
Isle of Wight	20,756	21,022
Southampton	12,147	12,245
	$ 466,551	$ 470,180

Investment Policy – In accordance with the Code of Virginia and other applicable law, including regulations, SPSA's investment policy (the "Policy") permits investments in U.S. government obligations (including Government Sponsored Enterprise Obligations), obligations of the Commonwealth of Virginia or political subdivisions thereof, repurchase agreements, commercial paper, bankers' acceptances, corporate notes, negotiable certificates of deposit, bank deposit notes, mutual funds that invest exclusively in securities specifically permitted under the Policy, and the Commonwealth's Treasurer's Local Government Investment Pool (the State of Virginia LGIP, a 2a-7 like pool).

The Policy establishes limitations on the holdings of non-U.S. government obligations. The maximum percentage of the portfolio (book value at the date of acquisition) permitted in each security is as follows:

	Maximum Percentage
U.S. government obligations	100%
Federal agency or government sponsored enterprise obligations	50%
Registered money market mutual funds	100%
State of Virginia Local Government Investment Pool (LGIP)	75%
Repurchase agreements	50%
Bankers' acceptances	40%
Commercial paper	35%
Negotiable certificates of deposit/bank notes	20%
Bank deposits	25%
Corporate notes	15%

Further, the combined amount of bankers' acceptances, commercial paper, negotiable certificates of deposit/bank notes and corporate notes may not exceed fifty percent (50%) of the total book value of the portfolio at the date of acquisition.

Note 3—Investments (continued)

Credit Risk – As required by state statute, the Policy requires 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’s Investors 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 Investors Service. Notes having a maturity of greater than one year must be rated at least “AA” by Standard & Poor’s and “Aa” by Moody’s Investors Service.

Although state statutes do not impose credit standards on repurchase agreement counterparties, bankers’ acceptances or money market mutual funds, SPSA has established certain credit standards for these investments to minimize portfolio risk.

At June 30, 2020, the credit risk of the total investments were:

	Rating	Percentage
TowneBank Money Market	No rating	0.40%
Certificate of Deposit	No rating	37.37%
PFM Funds - Prime Series Money Market Fund includes Institutional Class	AAAm	2.29%
Raymond James & Associates, Commercial Paper	A-1+	4.92%
Raymond James & Associates, Federal Government Sponsored	AA+	17.29%
Raymond James & Associates, Corporate Bonds	AA-	13.94%
Raymond James & Associates, Money Market	No rating	0.01%
Federated Treasury Obligations Funds	AAAm	0.03%
Virginia Investment Pool Money Market Deposit Account	AAAm	23.75%

Concentration of Credit Risk – The Policy establishes limitations on portfolio composition by issuer in order to control concentration of credit risk. SPSA’s policy limits the amount that may be invested in the securities of a single issuer to 5% of the portfolio with the following exceptions:

U.S. Treasury	100% maximum
Each registered money market mutual fund	100% maximum
State of Virginia LGIP	75% maximum
Each federal agency or government sponsored enterprise obligation	50% maximum
Each repurchase agreement counterparty	25% maximum
Each bank depository	25% maximum

At June 30, 2020, SPSA’s total investments were diversified in accordance with its investment policy and fully collateralized in accordance with the Virginia Security for Public Deposits Act.

Interest Rate Risk – As a means of limiting exposure to fair value losses arising from rising interest rates, SPSA’s Policy limits the investment of operating funds to investments with a stated maturity of no more than five years from the date of purchase. The average maturity of the investment portfolio may not exceed 24 months.

Reserve funds and other funds with longer-term investment horizons may be invested in securities exceeding five years if the maturity of such investment is made to coincide as nearly as practicable with the expected use of funds.

Note 3—Investments (continued)

Proceeds from the sale of bonds must be invested in compliance with the specific requirements of the bond covenants and may be invested in securities with longer maturities.

At June 30, 2020, SPSA had the following investments and maturities (excluding accrued interest):

	Investment Maturity (in years)			
	Fair Value	Less 1 Year	1 to 3 Years	3 to 5 Years
Registered money market mutual fund - PFM Funds - Prime Series - Institutional	$ 926,550	$ 926,550	$ -	$ -
Federal Treasury Obligations Money Market	10,181	10,181	-	-
TowneBank Money Market	161,753	161,753	-	-
TowneBank Certificates of Deposit	15,140,878	10,732,062	1,396,330	3,012,486
Raymond James & Associates Commercial Paper	1,994,960	1,994,960	-	-
Raymond James & Associates Corporate Bonds	5,647,589	1,201,223	2,267,787	2,178,579
Raymond James & Associates Money Market	5,533	5,533	-	-
Raymond James & Associates Federal Gov't Sponsored	7,006,873	-	-	7,006,873
Virginia Investment Pool Money Market	9,621,590	9,621,590	-	-
	$ 40,515,907	$ 24,653,852	$ 3,664,117	$ 12,197,938

Custodial Credit Risk –The Policy requires that all investment securities purchased by SPSA or held as collateral on deposits or investments shall be held by SPSA or by a third party custodial agent who may not otherwise be counterparty to the investment transaction. At June 30, 2020, all of SPSA's restricted asset investments were held in a bank's trust department in SPSA's name.

Fair Value Measurement – SPSA categorizes its fair value measurements within the fair value hierarchy established by U.S. GAAP. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

SPSA has determined that all investments within its portfolio are valued using quoted market prices (Level 1 inputs).

Note 4—Capital assets

Capital assets of the Authority as a whole as of June 30, 2020 consist of the following:

	Balance, July 1, 2019	Increases	Decreases	Balance, June 30, 2020
Capital assets not being depreciated or depleted:				
Assets under construction	$ 302,853	$ 527,710	$ (128,168)	$ 702,395
Land	2,646,251	-	-	2,646,251
Total capital assets not being depreciated or depleted	2,949,104	527,710	(128,168)	3,348,646
Other capital assets:				
Improvements (regional landfill)	64,415,852	-	-	64,415,852
Other land improvements	495,511	-	-	495,511
Buildings	39,194,273	131,251	(702,539)	38,622,985
Equipment	22,017,152	1,935,135	(1,532,434)	22,419,853
Motor vehicles	11,651,534	1,577,037	-	13,228,571
Total other capital	137,774,322	3,643,423	(2,234,973)	139,182,772
Accumulated depreciation and depletion:				
Improvements (regional landfill)	52,962,993	918,461	-	53,881,454
Other land improvements	495,511	-	-	495,511
Buildings	33,578,467	454,515	(685,189)	33,347,793
Equipment	15,209,069	1,248,027	(1,152,123)	15,304,973
Motor vehicles	9,289,257	579,206	-	9,868,463
Total accumulated depreciation and depletion and amortization	111,535,297	3,200,209	(1,837,312)	112,898,194
Other capital assets, net	26,239,025	443,214	(397,661)	26,284,578
	$ 29,188,129	$ 970,924	$ (525,829)	$ 29,633,224

Construction in progress consists of the following:

	Incurred through June 30, 2020
Cell 8/9 permitting	$ 702,395

Note 5—Landfill closure and postclosure care costs

State and federal laws and regulations require a final cover to be placed on a landfill when it stops accepting waste and to perform certain maintenance and monitoring functions at the site for 30 years after closure. Although closure and postclosure care costs are paid only near or after the date that each discrete Section of the landfill stops accepting waste and closure activities commence, the Authority reports a portion of these closure and postclosure care costs as an operating expense in each period based on landfill capacity used as of each fiscal year-end date, in accordance with U.S. GAAP. The total landfill closure and postclosure care liabilities at June 30, 2020 are $18,633,452. The three components are described as follows:

The first component of the liability relates to Cells I-IV, which was $2,585,903 at June 30, 2020 and is based upon the use of all of the capacity of Cells I-IV of the Regional Landfill. The closure process of Cells I-IV was completed in 2009. The remaining amounts for Cells I-IV are based on estimates of what it would cost to perform postclosure care as of June 30, 2020.

The second and third components relate to Cells V and VI. The cumulative amount of liabilities reported to date based upon the use of approximately 100% of the estimated capacity of Cell V and approximately 60% of Cell VI of the Regional Landfill is $16,047,549 at June 30, 2020. Cell V of the Regional Landfill stopped accepting waste in 2007. The amounts for Cell V and Cell VI are based on what it would cost to perform all closure and postclosure care at June 30, 2020.

Actual closure and postclosure care costs for the Regional Landfill may differ from estimates due to inflation, changes in technology, or changes in regulations. The Authority currently plans to finance the landfill closure and postclosure care costs with operating revenues. In fiscal year 2020, the Authority demonstrated its closure and postclosure care financial assurance requirements through the corporate financial test defined in the waste regulations issued by the Commonwealth of Virginia.

The following presents the changes in the combined landfill closure and postclosure care liability for the year ended June 30, 2020:

Balances as of June 30, 2019	$ 18,013,177
Revision on estimate	753,983
Payments made	(133,708)
Balances as of June 30, 2020	18,633,452
Current portion	620,274
Noncurrent portion	$ 18,013,178

Note 6—Commitments

In the normal course of operations, the Authority enters into various contracts for the purchase of goods and/or services. At June 30, 2020, total commitments under these contracts were $631,358.

Note 7—Service fee paid to Wheelabrator

The Authority and Wheelabrator have been engaged in various disposal agreements since 2010 when the Authority sold the waste to energy facilities to Wheelabrator. Prior to February 1, 2019, the Authority paid a flat fee of $36 per ton for waste disposal and Wheelabrator paid $19 per ton to dispose of ash residue at the landfill.

During fiscal year 2019, following a competitive bid process, Wheelabrator was awarded a contract to dispose of municipal solid waste at a rate of $32 per ton. The term of the contract is February 1, 2019 to June 30, 2027 with the option to renew up to two five-year periods. Wheelabrator pays the Authority $25 per ton for the disposal of ash residue at the landfill. The contract includes an increase in both rates throughout the term.

Approximately 34% of the Authority's operating expenses were related to the Wheelabrator Service Fee for the fiscal year ended June 30, 2020. As of June 30, 2020, approximately 71% of the Authority's accounts payable balance was due from Wheelabrator.

Note 8—Waste Hauling and Disposal Services Agreement

Following a Request for Proposal process, the Authority entered into an agreement with Wheelabrator Portsmouth, Inc. to haul and dispose of non-municipal waste received at the Authority's transfer stations effective January 25, 2018. In fiscal year 2020, the Authority paid Wheelabrator Portsmouth $6,142,680 to haul and dispose of approximately 144,314 tons.

Note 9—Host Community and Good Neighbor Agreement

In order to ensure long term waste disposal capacity for the Members, a Good Neighbor and Host Agreement was executed with the City of Suffolk whereby certain rights and responsibilities are defined for both parties. In particular, the Authority applied for a new conditional use permit (CUP for Cell VII at the landfill as well as requesting the rezoning of the remaining parcel.) In turn, the Authority has agreed to pay the City of Suffolk a host fee of $4 per ton for waste disposed in the landfill beginning January 25, 2018. In August 2017, the City of Suffolk approved the CUP and rezoning of the remaining parcel. In fiscal year 2020, the Authority paid the City of Suffolk $755,006.

Note 10—Pension plans

Plan Description
All full-time, salaried permanent employees of the Political Subdivision are automatically covered by a VRS Retirement Plan upon employment. This plan is administered by the VRS 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.

Note 10—Pension plans (continued)

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

RETIREMENT PLAN PROVISIONS		
PLAN 1	**PLAN 2**	**HYBRID**
About Plan 1 Plan 1 is a defined benefit plan. The retirement benefit is based on a member's age, creditable service and average final compensation at retirement using a formula.	**About Plan 2** Plan 2 is a defined benefit plan. The retirement benefit is based on a member's age, creditable service and average final compensation at retirement using a formula.	**About the Hybrid Retirement Plan** The Hybrid Retirement Plan combines the features of a defined benefit plan and a defined contribution plan. • The defined benefit is based on a member's age, creditable service and average final compensation at retirement using a formula. • The benefit from the defined contribution component of the plan depends on the member and employer contributions made to the plan and the investment performance of those contributions. • In addition to the monthly benefit payment payable from the defined benefit plan at retirement, a member may start receiving distributions from the balance in the defined contribution account, reflecting the contributions, investment gains or losses, and any required fees.
Eligible Members Employees are in Plan 1 if their membership date is before July 1, 2010, and they were vested as of January 1, 2013, and they have not taken a refund.	**Eligible Members** Employees are in Plan 2 if their membership date is on or after July 1, 2010, or their membership date is before July 1, 2010, and they were not vested as of January 1, 2013.	**Eligible Members** Employees are in the Hybrid Retirement Plan if their membership date is on or after January 1, 2014. This includes: • Political subdivision employees* • Members in Plan 1 or Plan 2 who elected to opt into the plan during the election window held January 1-April 30, 2014; the plan's effective date for opt-in members was July 1, 2014.

PLAN 1	PLAN 2	HYBRID
Hybrid Opt-In Election VRS non-hazardous duty covered Plan 1 members were allowed to make an irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014. The Hybrid Retirement Plan's effective date for eligible Plan 1 members who opted in was July 1, 2014. If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan. Members who were eligible for an optional retirement plan (ORP) and had prior service under Plan 1 were not eligible to elect the Hybrid Retirement Plan and remain as Plan 1 or ORP.	**Hybrid Opt-In Election** Eligible Plan 2 members were allowed to make an irrevocable decision to opt into the Hybrid Retirement Plan during a special election window held January 1 through April 30, 2014. The Hybrid Retirement Plan's effective date for eligible Plan 2 members who opted in was July 1, 2014. If eligible deferred members returned to work during the election window, they were also eligible to opt into the Hybrid Retirement Plan. Members who were eligible for an optional retirement plan (ORP) and have prior service under Plan 2 were not eligible to elect the Hybrid Retirement Plan and remain as Plan 2 or ORP.	***Non-Eligible Members** Some employees are not eligible to participate in the Hybrid Retirement Plan. They include: • Political subdivision employees who are covered by enhanced benefits for hazardous duty employees Those employees eligible for an optional retirement plan (ORP) must elect the ORP plan or the Hybrid Retirement Plan. If these members have prior service under Plan 1 or Plan 2, they are not eligible to elect the Hybrid Retirement Plan and must select Plan 1 or Plan 2 (as applicable) or ORP.

PLAN 1	PLAN 2	HYBRID
Retirement Contributions Employees contribute 5% of their compensation each month to their member contribution account through a pre-tax salary reduction. Member contributions are tax-deferred until they are withdrawn as part of a retirement benefit or as a refund. The employer makes a separate actuarially determined contribution to VRS for all covered employees. VRS invests both member and employer contributions to provide funding for the future benefit payment.	**Retirement Contributions** Same as Plan 1.	**Retirement Contributions** A member's retirement benefit is funded through mandatory and voluntary contributions made by the member and the employer to both the defined benefit and the defined contribution components of the plan. Mandatory contributions are based on a percentage of the employee's creditable compensation and are required from both the member and the employer. Additionally, members may choose to make voluntary contributions to the defined contribution component of the plan, and the employer is required to match those voluntary contributions according to specified percentages
Service Credit Service credit includes active service. Members earn service credit for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional service credit the member was granted. A member's total service credit is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit.	**Service Credit** Same as Plan 1.	**Service Credit** **Defined Benefit Component:** Under the defined benefit component of the plan, service credit includes active service. Members earn service credit for each month they are employed in a covered position. It also may include credit for prior service the member has purchased or additional service credit the member was granted. A member's total service credit is one of the factors used to determine their eligibility for retirement and to calculate their retirement benefit. It also may count toward eligibility for the health insurance credit in retirement, if the employer offers the health insurance credit. **Defined Contributions Component:** Under the defined contribution component, service credit is used to determine vesting for the employer contribution portion of the plan.

PLAN 1	PLAN 2	HYBRID
Vesting Vesting is the minimum length of service a member needs to qualify for a future retirement benefit. Members become vested when they have at least five years (60 months) of service credit. Vesting means members are eligible to qualify for retirement if they meet the age and service requirements for their plan. Members also must be vested to receive a full refund of their member contribution account balance if they leave employment and request a refund. Members are always 100% vested in the contributions that they make.	**Vesting** Same as Plan 1.	**Vesting** **Defined Benefit Component:** Defined benefit vesting is the minimum length of service a member needs to qualify for a future retirement benefit. Members are vested under the defined benefit component of the Hybrid Retirement Plan when they reach five years (60 months) of service credit. Plan 1 or Plan 2 members with at least five years (60 months) of service credit who opted into the Hybrid Retirement Plan remain vested in the defined benefit component. **Defined Contributions Component:** Defined contribution vesting refers to the minimum length of service a member needs to be eligible to withdraw the employer contributions from the defined contribution component of the plan. Members are always 100% vested in the contributions that they make. Upon retirement or leaving covered employment, a member is eligible to withdraw a percentage of employer contributions to the defined contribution component of the plan, based on service. • After two years, a member is 50% vested and may withdraw 50% of employer contributions. • After three years, a member is 75% vested and may withdraw 75% of employer contributions. • After four or more years, a member is 100% vested and may withdraw 100% of employer contributions. Distributions not required, except as governed by law.

PLAN 1	PLAN 2	HYBRID
Calculating the Benefit The basic benefit is determined using the average final compensation, service credit and plan multiplier. An early retirement reduction is applied to this amount if the member is retiring with a reduced benefit. In cases where the member has elected an optional form of retirement payment, an option factor specific to the option chosen is then applied.	**Calculating the Benefit** See definition under Plan 1.	**Calculating the Benefit** **Defined Benefit Component:** See definition under Plan 1 **Defined Contribution Component:** The benefit is based on contributions made by the member and any matching contributions made by the employer, plus net investment earnings on those contributions
Average Final Compensation A member's average final compensation is the average of the 36 consecutive months of highest compensation as a covered employee.	**Average Final Compensation** A member's average final compensation is the average of their 60 consecutive months of highest compensation as a covered employee.	**Average Final Compensation** Same as Plan 2. It is used in the retirement formula for the defined benefit component of the plan.
Service Retirement Multiplier The retirement multiplier is a factor used in the formula to determine a final retirement benefit. The retirement multiplier for non-hazardous duty members is 1.70%.	**Service Retirement Multiplier** Same as Plan 1 for service earned, purchased or granted prior to January 1, 2013. For non-hazardous duty members the retirement multiplier is 1.65% for creditable service earned, purchased or granted on or after January 1, 2013. as Plan 1.	**Service Retirement Multiplier** **Defined Benefit Component:** The retirement multiplier for the defined benefit component is 1.00%. For members who opted into the Hybrid Retirement Plan from Plan 1 or Plan 2, the applicable multipliers for those plans will be used to calculate the retirement benefit for service credited in those plans. **Defined Contribution Component:** Not applicable.

PLAN 1	PLAN 2	HYBRID
Normal Retirement Age Age 65.	**Normal Retirement Age** Normal Social Security retirement age.	**Normal Retirement Age** **Defined Benefit Component:** Same as Plan 2. **Defined Contribution Component:** Members are eligible to receive distributions upon leaving employment, subject to restrictions.
Earliest Unreduced Retirement Eligibility Age 65 with at least five years (60 months) of service credit or at age 50 with at least 30 years of service credit.	**Earliest Unreduced Retirement Eligibility** Normal Social Security retirement age with at least five years (60 months) of service credit or when their age plus service credit equal 90.	**Earliest Unreduced Retirement Eligibility** **Defined Benefit Component:** Normal Social Security retirement age and have at least five years (60 months) of service credit or when their age plus service credit equal 90. **Defined Contribution Component:** Members are eligible to receive distributions upon leaving employment, subject to restrictions.
Earliest Reduced Retirement Eligibility Age 55 with at least five years (60 months) service credit or age 50 with at least 10 years of service credit.	**Earliest Reduced Retirement Eligibility** Age 60 with at least five years (60 months) of service credit.	**Earliest Reduced Retirement Eligibility** **Defined Benefit Component:** Age 60 with at least five years (60 months) of service credit. **Defined Contribution Component:** Members are eligible to receive distributions upon leaving employment, subject to restrictions.

PLAN 1	PLAN 2	HYBRID
Cost-of-Living Adjustment (COLA) in Retirement The Cost-of-Living Adjustment (COLA) matches the first 3% increase in the Consumer Price Index for all Urban Consumers (CPI-U) and half of any additional increase (up to 4%) up to a maximum COLA of 5%.	**Cost-of-Living Adjustment (COLA) in Retirement** The Cost-of-Living Adjustment (COLA) matches the first 2% increase in the CPI-U and half of any additional increase (up to 2%), for a maximum COLA of 3%.	**Cost-of-Living Adjustment (COLA) in Retirement** **Defined Benefit Component:** Same as Plan 2. **Defined Contribution Component:** Not applicable.
Eligibility: For members who retire with an unreduced benefit or with a reduced benefit with at least 20 years of creditable service, the COLA will go into effect on July 1 after one full calendar year from the retirement date. For members who retire with a reduced benefit and who have less than 20 years of service credit, the COLA will go into effect on July 1 after one calendar year following the unreduced retirement eligibility date.	**Eligibility:** Same as Plan 1	**Eligibility:** Same as Plan 1 and Plan 2.
Exceptions to COLA Effective Dates: The COLA is effective July 1 following one full calendar year (January 1 to December 31) under any of the following circumstances: • The member is within five years of qualifying for an unreduced retirement benefit as of January 1, 2013. • The member retires on disability. • The member retires directly from short-term or long-term disability. • The member is involuntarily separated from employment for causes other than job performance or misconduct and is eligible to retire under the Workforce Transition Act or the Transitional Benefits Program.	**Exceptions to COLA Effective Dates:** Same as Plan 1	**Exceptions to COLA Effective Dates:** Same as Plan 1 and Plan 2.

PLAN 1	PLAN 2	HYBRID
• The member dies in service and the member's survivor or beneficiary is eligible for a monthly death-in-service benefit. The COLA will go into effect on July 1 following one full calendar year (January 1 to December 31) from the date the monthly benefit begins. •		
Disability Coverage Members who are eligible to be considered for disability retirement and retire on disability, the retirement multiplier is 1.7% on all service, regardless of when it was earned, purchased or granted.	**Disability Coverage** Members who are eligible to be considered for disability retirement and retire on disability, the retirement multiplier is 1.65% on all service, regardless of when it was earned, purchased or granted.	**Disability Coverage** Employees of political subdivisions (including Plan 1 and Plan 2 opt-ins) participate in the Virginia Local Disability Program ("VLDP") unless their local governing body provides and employer-paid comparable program for its members. Hybrid members (including Plan 1 and Plan 2 opt-ins) covered under VLDP are subject to a one- year waiting period before becoming eligible for non-work-related disability benefits.
Purchase of Prior Service Members may be eligible to purchase service from previous public employment, active duty military service, an eligible period of leave or VRS refunded service as service credit in their plan. Prior service credit counts toward vesting, eligibility for retirement and the health insurance credit. Only active members are eligible to purchase prior service. Members also may be eligible to purchase periods of leave without pay.	**Purchase of Prior Service** Same as Plan 1.	**Purchase of Prior Service** **Defined Benefit Component:** Same as Plan 1, with the following exceptions: • Hybrid Retirement Plan members are ineligible for ported service. **Defined Contribution Component:** Not applicable.

Note 10—Pension plans (continued)

Employees Covered by Benefit Terms
As of the June 30, 2018, actuarial valuation, the following employees were covered by the benefit terms of the pension plan:

	Number
Inactive members or their beneficiaries currently receiving benefits	197
Inactive members:	
Vested	85
Nonvested	139
Active elsewhere in VRS	63
Total inactive members	287
Active members	125
Total	609

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.

SPSA's contractually required contribution rate for the year ended June 30, 2020, was 0.46% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2017.

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 $7,923 for the year ended June 30, 2020.

Net Pension Asset
The net pension asset ("NPA") is calculated separately for each employer and represents that particular employer's total pension liability determined in accordance with U.S. GAAP, less that employer's fiduciary net position. For SPSA, the net pension asset was measured as of June 30, 2019. The total pension liability used to calculate the net pension asset was determined by an actuarial valuation performed as of June 30, 2018, rolled forward to the measurement date of June 30, 2019.

Note 10—Pension plans (continued)

Actuarial Assumptions
The total pension liability for Employees in SPSA's Retirement Plan was based on an actuarial valuation as of June 30, 2018, 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, 2019.

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

* Administrative expenses as a percent of the market value of assets for the last experience study were found to be approximately 0.06% of assets for all of the VRS plans. This would provide an assumed investment return rate for U.S. GAAP 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 the liabilities.

Mortality Rates:

All Other (Non 10 Largest) – General Employees

Pre-Retirement:
RP-2014 Employee Rates to age 80, Health 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, Health 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, 2018 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 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 year
Disability Rates	Lowered rates
Salary Scale	No change
Line of Duty Disability	Increase rate from 14% to 15%
Discount Rate	Decrease rate from 7.00% to 6.75%

Note 10—Pension plans (continued)

Long-Term Expected Rate of Return
The long-term expected rate of return on pension 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 investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target asset allocation and best estimate of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class (Strategy)	Target Allocation	Arithmetic Long-Term Expected Rate of Return	Weighted Average Long-Term Expected Rate of Return
Public Equity	34.00%	5.61%	1.91%
Fixed Income	15.00%	0.88%	0.13%
Credit Strategies	14.00%	5.13%	0.72%
Real Assets	14.00%	5.27%	0.74%
Private Equity	14.00%	8.77%	1.23%
MAPS - Multi-Asset Public Strategies	6.00%	3.52%	0.21%
PIP - Private Investment Partnership	3.00%	6.29%	0.19%
Total	100.00%		5.13%
Inflation			2.50%
Expected arithmetic nominal return*			7.63%

* The above allocation provides a one-year return of 7.63%. 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%. 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.

Discount Rate
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; political subdivisions were also provided with an opportunity to use an alternate employer contribution rate. For the year ended June 30, 2019, 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, 2019, 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.

Note 10—Pension plans (continued)

Changes in Net Pension Liability (Asset)
The following table represents the changes in net pension asset through the plan's measurement date of June 30, 2019 for the Authority:

	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Asset (a) - (b)
Balance at June 30, 2018	$ 44,783,166	$ 50,941,887	$ (6,158,721)
Changes for the year:			
Service cost	537,854	-	537,854
Interest	3,038,587	-	3,038,587
Changes of assumptions	1,211,981	-	1,211,981
Difference between expected and actual experience	(485,076)	-	(485,076)
Contributions - employer	-	14,641	(14,641)
Contributions - employee	-	276,087	(276,087)
Net investment income	-	3,304,938	(3,304,938)
Benefit payments, including refunds of employee contributions	(2,749,562)	(2,749,562)	-
Administrative expense	-	(34,728)	34,728
Other changes	-	(2,066)	2,066
Net changes	1,553,784	809,310	744,474
Balance at June 30, 2019	$ 46,336,950	$ 51,751,197	$ (5,414,247)

Sensitivity of the Net Pension Liability (Asset) to Changes in the Discount Rate
The following represents the net pension liability (asset) of SPSA using the discount rate of 6.75%, as well as what SPSA net position 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 than the current rate (7.75%):

	1% Decrease 5.75%	Current Discount Rate 6.75%	1% Increase 7.75%
Authority's net pension asset	$ 13,373	$ (5,414,247)	$ (9,787,922)

Note 10—Pension plans (continued)

Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions
For the year ended June 30, 2020, SPSA recognized a pension expense of $608,773. At June 30, 2020, SPSA 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
Net difference between projected and actual earnings on plan investments	$ -	$ 447,236
Differences between expected and actual experience	-	148,218
Changes of assumptions	370,328	-
Employer contributions subsequent to the measurement date	7,923	-
	$ 378,251	$ 595,454

$7,923 reported as deferred outflows of resources related to pensions resulting from SPSA's contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the fiscal year ended 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:

Years Ending June 30,	
2021	$ 227,370
2022	(477,408)
2023	(9,819)
2024	34,731
	$ (225,126)

Pension Plan Data
Information about the VRS Political Subdivision Retirement Plan's is also available in the separately issued VRS 2019 Comprehensive Annual Financial Report ("CAFR"). A copy of the 2019 VRS CAFR may be downloaded from the VRS website at http://www.varetire.org/pdf/publications/2019-annual-report.pdf, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, VA 23218-2500.

Payables to the Pension Plan
The Authority had $10,968 as short-term payables to VRS for legally or contractually required contributions outstanding as of June 30, 2020 and included in accounts payable on the statements of net position.

Note 11—Employee contribution plan

During fiscal year 1993, SPSA established a deferred compensation plan through Hartford Life Insurance Company (the Company). In 2012, Massachusetts Mutual Life Insurance Company (MassMutual) acquired the Hartford's Retirement Plans Group. The plan was established under the guidelines of Section 457 of the Internal Revenue Code ("IRC"). The plan is a voluntary employee contribution plan in which employees elect a certain dollar amount to be withheld each pay period.

Note 11—Employee contribution plan (continued)

All of the Authority's full time employees are eligible to participate with a minimum contribution of $10 per pay period. Maximum contributions made by an employee are subject to IRC limitations.

The plan is funded by Authority's employees. All underlying funds charge an investment management fee that varies according to the funds selected by the employee.

Note 12—Other postemployment benefits – VRS plans

The Authority participates in two multiple employer, cost-sharing plans offered by VRS: Group Life Insurance Program ("GLIP") and Political Subdivision Employee VLDP.

Fiduciary Net Position
Detailed information about the GLIP and VLDP Fiduciary Net Position is available in the separately issued VRS 2019 CAFR. A copy of the 2019 VRS CAFR may be downloaded from the VRS website at varetire.org/pdf/publications/2019-annual-report.pdf, or by writing to the System's Chief Financial Officer at P.O. Box 2500, Richmond, Virginia 23218-2500.

The actuarial assumptions,long term expected rate of return, and discount rate are the same for the VRS OPEB programs. As such, the presentation of the actuarial assumptions and long-term expected rate of return are combined below. Specific information for the OPEB plans will be presented after this section.

Actuarial Assumptions
The VRS OPEB liability was based on an actuarial valuation as of June 30, 2018, 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, 2019.

Inflation	2.50%
Salary increases, including inflation	3.50% - 5.35%
Investment rate of return	6.75%, net of expenses, including inflation*

* Administrative expenses as a percent of the market value of assets for the last experience study were found to be approximately 0.06% of assets for all of the VRS plans. This would provide an assumed investment return rate for U.S. GAAP 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 the liabilities.

Mortality rates used for the VRS OPEB plans are the same as those used for the actuarial valuations of the VRS pension plans. The mortality rates are discussed in detail at Note 10.

Long-Term Expected Rate of Return
Long-term expected rate of return used for the VRS OPEB plans are the same as those used for the actuarial valuations of the VRS pension plans. The long-term expected rate of return are discussed in detail at Note 10.

Note 12—Other postemployment benefits – VRS plans (continued)

Discount Rate
The discount rate used to measure the VRS OPEB liabilities 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, 2019, the rate contributed by SPSA for the VRS 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 VRS 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 VRS OPEB liability.

Group Life Insurance Program

Plan Description
All full-time, salaried permanent employees of participating polictical subdivisions are automatically covered by the VRS GLIP upon employment.

In addition to the Basic Group Life Insurance benefit, members are also eligible to elect additional coverage for themselves as well as a spouse or dependent children through the Optional Group Life Insurance Program. 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 GLIP OPEB.

Specific information for GLIP OPEB, including eligibility, coverage and benefits is set out in the table below:

<table>
<tr><th>GLIP Plan Provisions</th></tr>
<tr><td>Eligible Employees
The GLIP was established July 1, 1960, for state employees, teachers and employees of political subdivisions that elect the program, including the following employers that do not participate in VRS for retirement:
• City of Richmond
• City of Portsmouth
• City of Roanoke
• City of Norfolk
• Roanoke City School Board

Basic group life insurance 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.</td></tr>
</table>

Note 12—Other postemployment benefits – VRS plans (continued)

GLIP Plan Provisions (continued)
Benefit Amounts The benefits payable under the GLIP have several components. • *Natural Death Benefit:* The natural death benefit is equal to the employee's covered compensation rounded to the next highest thousand and then doubled. • *Accidental Death Benefit:* The accidental death benefit is double the natural death benefit. • *Other Benefit Provisions:* In addition to the basic natural and accidental death benefits, the program provides additional benefits provided under specific circumstances. These include: o Accidental dismemberment benefit o Safety belt benefit o Repatriation benefit o Felonious assault benefit o Accelerated death benefit
Reduction in Benefit Amounts The benefit amounts provided to members covered under the GLIP 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.
Minimum Benefit Amount and COLA For covered members with at least 30 years of service credit, there is a minimum benefit payable under the GLIP. The minimum benefit was set at $8,000 by statute in 2015. This will be increased annually based on the VRS Plan 2 COLA calculation. The minimum benefit adjusted for the COLA was $8,463 as of June 30, 2020.

Contributions
The contribution requirements for the GLIP 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 GLIP was 1.31% of covered employee compensation. This was allocated into an employee and an employeer component using a 60/40 split. The employee component was 0.79% (1.31% X 60%) and the employer component was 0.52% (1.31% 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, 2020, was 0.52% of covered employee compensation. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2017. The acturarially determined rate, when combined with employee contribtions, 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 GLIP from SPSA were $31,000 and $29,487 for the years ended June 30, 2020 and 2019, respectively.

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB
At June 30, 2020, SPSA reported a liability of $471,000 for its proportionate share of the Net GLIP OPEB Liability. The Net GLIP OPEB Liability was measured as of June 30, 2019 and the total GLIP OPEB liability used to calculate the Net GLIP OPEB Liability was determined by an actuarial valuation performed as of June 30, 2018, and rolled forward to the measurement date of June 30, 2019. The covered employer's proportion of the Net GLIP OPEB Liability was based on the covered employer's actuarially determined employer contributions to the GLIP for the year ended June 30, 2019, relative to the total of the actuarially determined employer contributions for all participating employers. At June 30, 2019, SPSA's proportion was 0.02893% as compared to 0.03083% at June 30, 2018.

Note 12—Other postemployment benefits – VRS plans (continued)

For the year ended June 30, 2020, SPSA recognized GLIP OPEB expense of $1,256. Since there was a change in proportionate share between measurement dates, a portion of the GLIP OPEB expense was related to deferred amounts from changes in proportion.

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

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	$ 31,000	$ 6,000
Net difference between projected and actual earnings on OPEB plan investments	-	10,000
Changes in assumptions	30,000	14,000
Changes in proportion	-	44,000
Employer contributions subsequent to the measurement date	31,000	-
Total	$ 92,000	$ 74,000

$31,000 reported as deferred outflows of resources related to the GLIP OPEB resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the Net GLIP 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 GLIP OPEB will be recognized in the GLIP OPEB expense in future reporting periods as follows:

Years Ending June 30,	
2021	$ (8,000)
2022	(8,000)
2023	(4,000)
2024	2,000
2025	4,000
Thereafter	1,000
	$ (13,000)

Note 12—Other postemployment benefits – VRS plans (continued)

Net OPEB Liability:
The net OPEB liability ("NOL") for GLIP represents the program's total OPEB liability determined in accordance with U.S. GAAP, less the associated fiduciary net position. As of the measurement date of June 30, 2019, NOL amounts for the GLIP are as follows (amounts expressed in thousands):

	Group Life Insurance OPEB Program
Total GLI OPEB liability	$ 3,390,238
Plan Fiduciary Net Position	1,762,972
Employer's Net GLI OPEB Liability	$ 1,627,266
Plan Fiduciary Net Position as a Percentage of the Total GLI OPEB Liability	52.00%

The total GLIP 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 GLIP OPEB liability is disclosed in accordance with requirements of U.S. GAAP in the System's notes to the financial statements and required supplementary information.

Sensitivity of SPSA's Proportionate Share of the OPEB Liability to Changes in the Discount Rate
The following presents SPSA's proportionate share of the net GLIP OPEB liability using the discount rate of 6.75%, as well as what the employer's proportionate share of the net GLIP 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:

	1% Decrease 5.75%	Current Discount Rate 6.75%	1% Increase 7.75%
Authority's proportionate share of the GLI net OPEB liability	$ 618,000	$ 471,000	$ 351,000

Payables to the Plan
At June 30, 2020, $6,515 was payable to the VRS for the legally required contributions related to June 2019 payroll for the GLIP.

Note 12—Other postemployment benefits – VRS plans (continued)

Virginia Local Disability Program

Plan Description
All full-time, salaried general employees of political subdivisions who do not provide enhanced hazardous duty benefits; who are in the VRS Hybrid Retirement Plan benefit structure and whose employer has not elected to opt out of the VRS-sponsored program are automatically covered by the VLDP.

Specific information for VLDP OPEB, including eligibility, coverage and benefits is set out in the table below:

VLDP Plan Provisions
Eligible Employees The Political Subdivision Employee VLDP was implemented January 1, 2014, to provide short-term and long-term disability benefits for non-work related and work-related disabilities for employees with hybrid plan retirement benefits. Eligible employees are enrolled automatically upon employment, unless their employer has elected to provide comparable coverage. They include: • Full-time general employees; including local law enforcement officers, firefighters, or emergency medical technicians who do not have enhanced hazardous duty beneifts; of public political subdivisions covered under VRS.
Benefit Amounts The Political Subdivision Employee VLDP provides the following benefits for eligible employees: *Short-Term Disability:* • The program provides a short-term disability benefit beginning after a seven-calendar-day waiting period from the first day of disability. Employee become eligible for non-work related short-term disability coverage after one year of continuous participation in VLDP with their current employer. • During the first five years of continuous participation in VLDP with their current employer, employees are eligible for 60% of their pre-disability income if they go out on non-work related or work-related disability. • Once the eligibility period is satisified, employees are eligible for higher income replacement levels. *Long-Term Disability:* • The VLDP provides a long-term disability benefit beginning after 125 workdays of short-term disability. Members are eligible if they are unable to work at all or are working fewer than 20 hours per week. • Members approved for long-term disability will receive 60% of their pre-disability income. If approved for work-related long-term disability, the VLDP benefit will be offset by the workers' compensation benefit. Members will not receive a VLDP benefit if their workers' compensation benefit is greater than the VLDP benefit.
VLDP Notes • Members approved for short-term or long-term disability at age 60 or older will be eligible for a benefit, provided they remain medically eligible. • VLDP Long-Term Care Plan is a self-funded program that assists with the cost of covered long-term care services.

Note 12—Other postemployment benefits – VRS plans (continued)

Contributions
The contribution requirement for active hybrid plan employees is governed by §51.1-1178(C) of the Code of Virginia, as amended, but may be impacted as a result of funding provided to political subdivisions by the Virginia General Assembly. Each political subdivision's contractually required of covered employee compensation for employees in the VLDP. This rate was based on an actuarially determined rate from an actuarial valuation as of June 30, 2017. The acturarially determined rate 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 VLDP from SPSA were $10,000 and $7,116 for the years ended June 30, 2020 and 2019, respectively.

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB
At June 30, 2020, SPSA reported a liability of $6,000 for its proportionate share of the Net VLDP OPEB Liability. The Net VLDP OPEB Liability was measured as of June 30, 2019 and the total VLDP OPEB liability used to calculate the Net VLDP OPEB Liability was determined by an actuarial valuation performed as of June 30, 2018, and rolled forward to the measurement date of June 30, 2019. The covered employer's proportion of the Net VLDP OPEB Liability was based on the covered employer's actuarially determined employer contributions to the VLDP for the year ended June 30, 2019, relative to the total of the actuarially determined employer contributions for all participating employers. At June 30, 2019, SPSA's proportion was 0.31987% as compared to 0.39316% at June 30, 2018.

For the year ended June 30, 2020, SPSA recognized VLDP OPEB expense of $7,501. Since there was a change in proportionate share between measurement dates, a portion of the VLDP OPEB expense was related to deferred amounts from changes in proportion.

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

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	$ 3,000	$ -
Changes in proportion	-	1,000
Employer contributions subsequent to the measurement date	10,000	-
Total	$ 13,000	$ 1,000

Note 12—Other postemployment benefits – VRS plans (continued)

$10,000 reported as deferred outflows of resources related to the VLDP OPEB resulting from the employer's contributions subsequent to the measurement date will be recognized as a reduction of the Net VLDP 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 VLDP OPEB will be recognized in the VLDP OPEB expense in future reporting periods as follows:

Years Ending June 30,		
2021	$	500
2022		500
2023		500
2024		500
	$	2,000

Net OPEB Liability:
The NOL for VLDP represents the program's total OPEB liability determined in accordance with U.S. GAAP, less the associated fiduciary net position. As of the measurement date of June 30, 2019, NOL amounts for the VLDP are as follows (amounts expressed in thousands):

		Virginia Local Local Disability Program
Total VLDP OPEB Liability	$	3,989
Plan Fiduciary Net Position		1,963
Employer's Net VLDP OPEB Liability	$	2,026
Plan Fiduciary Net Position as a Percentage of the Total VLDP OPEB Liability		49.21%

The total VLDP 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 VLDP OPEB liability is disclosed in accordance with requirements of U.S. GAAP in the System's notes to the financial statements and required supplementary information.

Sensitivity of SPSA's Proportionate Share of the OPEB Liability to Changes in the Discount Rate
The following presents SPSA's proportionate share of the net VLDP OPEB liability using the discount rate of 6.75%, as well as what the employer's proportionate share of the net VLDP 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:

		1% Decrease 5.75%		**Current Discount Rate 6.75%**		**1% Increase 7.75%**
Authority's proportionate share of the net VLDP liability	$	7,000	$	6,000	$	6,000

Payables to the Plan
At June 30, 2020, $916 was payable to the VRS for the legally required contributions related to June 2019 payroll for the VLDP.

Note 13—SPSA postretirement medical benefit plan

Plan Description
At its sole discretion, SPSA offers a Postretirement Medical Benefit Plan ("PMBP") subject to eligibility. The plan is administered by the Authority. Under the plan, SPSA will pay part of the retiree's monthly health insurance premium up through age 65. Effective July 1, 2018, to be eligible for SPSA's contribution, the retiree must be approved for service or disability retirement through the VRS and must have been employed with SPSA at least 15 years.

Employees Covered by Plan
As of June 30, 2020 actuarial valuation, the following employees were covered by the PMBP:

Inactive members (and spouse if applicable) currently receiving benefits	7
Active participants	113
Total covered participants	120

Contributions
For employees that retired prior to July 1, 2011, SPSA contributes up to 50% of the amount it normally pays for active employees with the same level of coverage. The amount is calculated based on 5% per year of completed service with SPSA.

For employees that retired after July 1, 2011, SPSA contributes 50% of the amount it normally pays for active employees for the lowest tier of coverage on the least expensive plan.

Total OPEB Liability
The Authority's total PMBP OPEB liability of $1,343,701 was measured as of June 30, 2020. The total PMBP OPEB liability was determined by an actuarial valuation date as of July 1,2018, using updated actuarial assumptions, applied to all periods included in the measurement and rolled forward to the measurement date of June 30, 2020.

Actuarial Assumptions
The Authority does not pre-fund PMBP. Instead, it pays benefits directly from general assets on a pay-as-you-go basis. The PMBP OPEB liability was based on an actuarial valuation as of July 1, 2018, using the Entry Age Normal, level percentage of pay method and the following assumptions, applied to all periods included in the measurement and rolled forward to the measurement date as of June 30, 2020.

Inflation	2.5%
Salary Increases, including inflation	3.5% to 5.35%
Age-Related Claims Costs	Milliman's *Health Cost Guidelines* and actuarial judgment, consistent with the Getzen Trend Model
Healthcare Trend Rates	6.20% to 4.00% over 55 years
Retirement, Withdrawal, and Disability	Consistent with assumptions used in the June 30, 2015 valuation of the VRS.

Mortality Rates
Pre-Retirement
RP-2000 Employee Mortality Tables projected to 2020 using Scale AA with Males set forward two years and Females set back 3 years
Post-Retirement
RP-2000 Combined Healthy Mortality tables projected to 2020 using Scale AA with Females set back one year.
Post-Disablement
RP-2000 Disabled Life mortality tables with Males set back three years and no provision for future mortality improvement

Note 13—SPSA postretirement medical benefit plan (continued)

Discount Rate
The discount rate used to measure the total PMBP OPEB liability was 2.21%. The discount rates are based on the Bond Buyer 20-Year Bond GO Index as of their respective measurement dates.

Changes in Total OPEB Liability

	Increase (Decrease)
Balance as of June 30, 2019	$ 1,295,116
Changes during the year:	
Service costs	72,437
Interest on total OPEB liability	44,586
Effect of Plan Changes	(54,366)
Effect on assumptions changes or inputs	65,182
Benefit payments	(79,254)
Balance as of June 30, 2020	$ 1,343,701

Sensitivity of the Total OPEB Liability to Changes in the Discount Rate
The following presents the Authority's Total OPEB Liability, calculated using the discount rate of 2.21%. It also represents what the Authority's Total OPEB Liability would be if it were calculated using a discount rate one percentage point lower (1.21%) and one percentage point higher (3.21%) than the current rate.

	1% Decrease 1.21%	Current Discount Rate 2.21%	1% Increase 3.21%
Total PMBP OPEB Liability	$ 1,406,276	$ 1,343,701	$ 1,280,099

Sensitivity of the Total PMBP OPEB Liability to Changes in the Healthcare Cost Trend Rates
The following presents the total OPEB liability of the Authority, as well as what the Authority's total OPEB liability would be if it were calculated using healthcare cost trend rates that are one percentage point lower or one percentage point higher than the current healthcare cost trend rates:

	1% Decrease	Current Trend Rate	1% Increase
Total PMBP OPEB Liability	$ 1,204,315	$ 1,343,701	$ 1,504,211

Note 13—SPSA postretirement medical benefit plan (continued)

OPEB Expense, Deferred Outflows of Resources and Deferred Inflows of Resources Related to OBEB
For the year ended June 30, 2020, the Authority recognized an OPEB expense of $13,284. At June 30, 2020, the Authority reported deferred outflows of resources and deferred inflows of resources from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	$ -	$ 130,767
Changes in proportion	52,401	121,709
Total	$ 52,401	$ 252,476

Amounts currently reported as deferred outflows of resources and deferred inflows of resources related to the PMBP OPEB will be recognized in OPEB expense as follows:

Years Ending June 30,	
2021	$ (49,373)
2022	(49,373)
2023	(49,373)
2024	(47,490)
2025	(4,466)
	$ (200,075)

Note 14—Contingencies

SPSA is exposed to asserted and unasserted potential claims encountered in the normal course of business. The Authority intends to defend itself against these complaints and management believes the Authority will prevail and that the final resolution of these complaints will not have a material adverse effect on the Authority's financial position.

The Authority is also exposed to various risks of loss related to theft of, damage to, and destruction of assets and natural disasters for which it carries commercial insurance.

During 2020 an outbreak of a novel strain of coronavirus ("COVID-19") emerged globally. As a result of the spread of COVID-19, economic uncertainties have arisen that could negatively impact the Authority's revenue and operations for an indeterminable time period. Other financial impacts could occur that are unknown at this time.

REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)

SOUTHEASTERN PUBLIC SERVICE AUTHORITY

SCHEDULE OF CHANGES IN NET PENSION ASSET AND RELATED RATIOS

YEARS ENDED JUNE 30, 2014 THROUGH 2019

	2019	2018	2017	2016	2015	2014
Total Pension Liability						
Service cost	$ 537,854	$ 545,095	$ 569,856	$ 599,791	$ 617,774	$ 606,013
Interest	3,038,587	2,963,914	2,972,463	2,899,576	2,805,786	2,711,110
Difference between expected and actual experience	(485,076)	69,662	(1,334,317)	(363,513)	(59,513)	-
Changes in assumptions	1,211,981	-	(160,511)	-	-	-
Benefit payments, including refunds of employee contributions	(2,749,562)	(2,274,266)	(2,064,980)	(2,124,248)	(1,924,126)	(2,005,095)
Net change in total pension lability	1,553,784	1,304,405	(17,489)	1,011,606	1,439,921	1,312,028
Total pension liability, beginning	44,783,166	43,478,761	43,496,250	42,484,644	41,044,723	39,732,695
Total pension liability, ending[(a)]	$ 46,336,950	$ 44,783,166	$ 43,478,761	$ 43,496,250	$ 42,484,644	$ 41,044,723
Plan Fiduciary Net Position						
Contributions - employer	$ 14,641	$ 78,230	$ 81,855	$ 313,487	$ 325,830	$ 297,584
Contributions - employee	276,087	285,849	319,579	291,602	323,735	309,452
Net investment income	3,304,938	3,604,420	5,464,712	773,053	2,058,962	6,320,734
Benefit payments, including refunds of employee contributions	(2,749,562)	(2,274,266)	(2,064,980)	(2,124,248)	(1,924,126)	(2,005,095)
Administrative expense	(34,728)	(32,088)	(32,560)	(29,366)	(29,072)	(34,912)
Other	(2,066)	(2,463)	(4,816)	(334)	(430)	333
Net change in plan fiduciary net position	809,310	1,659,682	3,763,790	(775,806)	754,899	4,888,096
Plan fiduciary net position, beginning	50,941,887	49,282,205	45,518,415	46,294,221	45,539,322	40,651,226
Plan fiduciary net position, ending[(b)]	$ 51,751,197	$ 50,941,887	$ 49,282,205	$ 45,518,415	$ 46,294,221	$ 45,539,322
Authority's net pension asset, ending [(a) - (b)]	$ (5,414,247)	$ (6,158,721)	$ (5,803,444)	$ (2,022,165)	$ (3,809,577)	$ (4,494,599)

SOUTHEASTERN PUBLIC SERVICE AUTHORITY

SCHEDULE OF CHANGES IN NET PENSION ASSET AND RELATED RATIOS

YEARS ENDED JUNE 30, 2014 THROUGH 2019 (CONTINUED)

	2019	2018	2017	2016	2015	2014
Plan fiduciary net position as a percentage of the total pension liability	112%	114%	113%	105%	109%	111%
Covered payroll	$ 5,670,573	$ 5,047,097	$ 5,280,968	$ 5,783,893	$ 6,011,624	$ 6,085,562
Authority's net pension assets as a percentage of covered payroll	(95%)	(122%)	(110%)	(35%)	(63%)	(74%)

Schedule is intended to show information for 10 years. Since 2019 is the sixth year for this presentation, only five additional years of data are available. However, additional years will be included as they become available. Per U.S. GAAP, net pension liabilities (assets) are reported using the measurement date, which is one year prior to the reporting date.

SOUTHEASTERN PUBLIC SERVICE AUTHORITY

SCHEDULE OF EMPLOYER CONTRIBUTIONS - PENSION

YEARS ENDED JUNE 30, 2014 THROUGH 2020

Date	Contractually Required Contribution (1)	Contribution in Relation to Contractually Required Contribution (2)	Contribution Deficiency (Excess) (3)	Employer's Covered Payroll (4)	Contributions as a % of Covered Payroll (5)
2020	$ 7,923	$ 7,923	$ -	$ 5,932,541	0.13%
2019	$ 13,824	$ 13,824	$ -	$ 5,670,573	0.24%
2018	$ 78,230	$ 78,230	$ -	$ 5,047,097	1.55%
2017	$ 81,855	$ 81,855	$ -	$ 5,280,968	1.55%
2016	$ 313,487	$ 313,487	$ -	$ 5,783,893	5.42%
2015	$ 325,830	$ 325,830	$ -	$ 6,011,624	5.42%
2014	$ 297,584	$ 297,584	$ -	$ 6,085,562	4.89%

Schedule is intended to show information for 10 years. Since 2020 is the seventh year for this presentation, only six additional years of data are available. However, additional years will be included as they become available.

SOUTHEASTERN PUBLIC SERVICE AUTHORITY

SCHEDULE OF AUTHORITY'S SHARE OF NET OPEB LIABILITY AND RELATED RATIOS

YEARS ENDED JUNE 30, 2017 THROUGH 2019

	2019	2018	2017
Group Life Insurance (GLI) Program			
Employer's proportion of the net GLI OPEB liability	0.02893%	0.03083%	3.17300%
Employer's proportionate share of the Net GLI OPEB liability	$ 471,000	$ 468,000	$ 478,000
Employer's covered payroll	$ 5,670,573	$ 5,047,097	$ 5,280,968
Employer's proportionate share of the net GLI OPEB liability as a percentatage of its covered payroll	8.31%	9.27%	9.05%
Plan fiduciary net position as a percnetage of the total GLI OPEB Liability	52.00%	51.22%	48.86%
Virginia Local Disability Program (VLDP)			
Employer's proprtion of the net VLDP OPEB liability	0.31987%	0.39316%	40.37800%
Employer's proportionate share of the net VLDP OPEB liability	$ 6,000	$ 3,000	$ 3,000
Employer's covered payroll	$ 988,403	$ 954,634	$ 741,500
Employer's proportionate share of the net VLDP OPEB liability as a percentatage of its covered payroll	0.61%	0.31%	0.40%
Plan fiduciary net position as a percnetage of the total VLDP OPEB Liability	49.21%	51.39%	38.40%

Schedule is intended to show information for 10 years. Since 2019 is the third year for this presentation, only two additional years of data are available. However, additional years will be included as they become available. Per U.S. GAAP, net OPEB liabilities are reported using the measurement date, which is one year prior to the reporting date.

SOUTHEASTERN PUBLIC SERVICE AUTHORITY
SCHEDULE OF EMPLOYER CONTRIBUTIONS - OPEB

YEARS ENDED JUNE 30, 2017 THROUGH 2020

Date	Contractually Required Contribution (1)	Contribution in Relation to Contractually Required Contribution (2)	Contribution Deficiency (Excess) (3)	Employer's Covered Payroll (4)	Contributions as a % of Covered Payroll (5)
GROUP LIFE INSURANCE (GLI) PROGRAM					
2020	$ 31,000	$ 31,000	$ -	$ 5,932,541	0.52%
2019	$ 29,487	$ 29,487	$ -	$ 5,670,573	0.52%
2018	$ 26,245	$ 26,245	$ -	$ 5,047,097	0.52%
2017	$ 29,000	$ 29,000	$ -	$ 5,280,968	0.55%
VIRGINIA LOCAL DISABILITY PROGRAM (VLDP)					
2020	$ 10,000	$ 10,000	$ -	$ 1,379,054	0.73%
2019	$ 7,116	$ 7,116	$ -	$ 988,403	0.72%
2018	$ 5,728	$ 5,728	$ -	$ 954,634	0.60%
2017	$ 4,449	$ 4,449	$ -	$ 741,500	0.60%

Schedule is intended to show information for 10 years. Since 2020 is the fourth year for this presentation, only three additional years of data are available. However, additional years will be included as they become available.

SOUTHEASTERN PUBLIC SERVICE AUTHORITY

SCHEDULE OF CHANGES IN THE AUTHORITY'S TOTAL OPEB POST-RETIREMENT MEDICAL BENEFIT PLAN (PMPB) AND RELATED RATIOS

YEARS ENDED JUNE 30, 2018 THROUGH 2020

	2020	2019	2018
Total PMBP OPEB Liability			
Service cost	$ 72,437	$ 90,708	$ 104,151
Interest	44,586	55,384	55,321
Effect of plan changes	(54,366)	-	-
Effect on economic/demographic gains or losses	-	(194,557)	-
Changes in assumptions	65,182	(155,904)	(31,024)
Benefit payments, including refunds of employee contributions	(79,254)	(70,317)	(69,619)
Net change in total PMBP OPEB liability	48,585	(274,686)	58,829
Total PMBP liability, beginning	1,295,116	1,569,802	1,510,973
Total PMBP liability, ending (a)	$ 1,343,701	$ 1,295,116	$ 1,569,802
Covered-employee payroll (b)	$ 5,932,541	$ 5,299,702	$ 5,852,100
Authority's net PMBP OPEB liability as a percentage of covered-employee payroll (a)/(b)	22.65%	24.44%	26.82%

Note 1—Pension plan

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, 2018 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:

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 year
Disability Rates	Lowered rates
Salary Scale	No change
Line of Duty Disability	Increase rate from 14% to 15%
Discount Rate	Decrease rate from 7.00% to 6.75%

Note 2—VRS OPEB plans

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, 2018, 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:

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 age 50 rates and lowered rates at older ages
Withdrawal Rates	Adjusted termination rates to better fit experience at each age and service year
Disability Rates	Adjusted rates to better match expereience
Salary Scale	No change
Line of Duty Disability	Increase rate from 60% to 45%
Discount Rate	Decrease rate from 7.00% to 6.75%

COMPLIANCE SECTION

Cherry Bekaert LLP
CPAs & Advisors

Report of Independent Auditor on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

To the Board of Directors
Southeastern Public Service Authority of Virginia
Chesapeake, Virginia

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, and the *Specifications for Audits of Authorities, Boards, and Commissions* issued by the Auditor of Public Accounts of the Commonwealth of Virginia, the accompanying financial statements of Southeastern Public Service Authority of Virginia (the "Authority"), as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated September 29, 2020.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered Authority's internal control over financial reporting ("internal control") as the 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 Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of 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 the Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the 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 in accordance with *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 entitiy'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.

Cherry Bekaert LLP

Virginia Beach, Virginia
September 29, 2020