

THE SOUTHEAST MORRIS COUNTY
MUNICIPAL UTILITIES AUTHORITY
COUNTY OF MORRIS
FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
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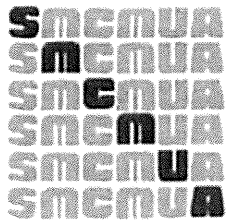
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PART I - INTRODUCTORY SECTION (UNAUDITED)



Southeast Morris County Municipal Utilities Authority

19 SADDLE ROAD • CEDAR KNOLLS, NEW JERSEY 07927 • TEL 973-326-6880 • FAX 973-326-6864

July 15, 2019

The Honorable Chairman and Members
of The Southeast Morris County
Municipal Utilities Authority
Cedar Knolls, NJ 07927

Dear Authority Members:

The annual financial report of The Southeast Morris County Municipal Utilities Authority (the “Authority”) for the year ended December 31, 2018 is hereby submitted. Responsibility for both the accuracy of the data and completeness and fairness of the presentation, including all disclosures, rests with the management of the Authority. To the best of our knowledge and belief, the data presented in this report is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the Authority. All disclosures necessary to enable the reader to gain an understanding of the Authority's financial activities have been included.

The annual financial report is presented in four sections: introductory, financial, *Government Auditing Standards* section and comments and recommendations. The introductory section includes this transmittal letter, the Authority's organizational chart, a list of principal officials and a list of consultants and advisors. The financial section includes the financial statements as well as the auditors' report thereon. Information related to *Government Auditing Standards* section, including the auditors' report on internal control and compliance with applicable laws and regulations and findings are included in the *Government Auditing Standards* section of this report.

REPORTING ENTITY AND ITS SERVICES:

The Southeast Morris County Municipal Utilities Authority is a public body corporate and politic of the State of New Jersey and was created by parallel ordinances adopted by the governing bodies, effective in December 1976, of the Township of Hanover, the Township of Morris, the Borough of Morris Plains and the Town of Morristown (“the creating municipalities”). Additionally, all municipal service contracts were signed in January 1977.

The Authority was created for the purpose of acquiring, constructing, maintaining, operating and improving the water supply and distribution system previously owned and operated by the Town of Morristown.

The ordinances creating the Authority provide that the Authority shall consist of eight members, two of whom shall be appointed by each of the governing bodies of the creating municipalities.

As a public body under existing statute, the Authority is exempt from both federal and state taxes.

REPORTING ENTITY AND ITS SERVICES: (Cont'd)

Governmental Accounting Standards Board Codification Section 2100, "Defining the Financial Reporting Entity" establishes standards to determine whether a governmental component unit should be included in the financial reporting entity. The basic criterion for inclusion or exclusion from the financial reporting entity is the exercise of oversight responsibility over agencies, boards and commissions by the primary government. The exercise of oversight responsibility includes financial interdependency and a resulting financial benefit or burden relationship, selection of governing authority, designation of management, ability to significantly influence operations, and accountability for fiscal matters.

CASH MANAGEMENT: The investment policy of the Authority is guided in large part by state statute as detailed in "Notes to Financial Statements", Note 5. The Authority has adopted a cash management plan which requires it to deposit public funds in public depositories protected from loss under the provisions of the Governmental Unit Deposit Protection Act ("GUDPA"). GUDPA was enacted in 1970 to protect Governmental Units from a loss of funds on deposit with a failed banking institution in New Jersey. The law requires governmental units to deposit public funds only in public depositories located in New Jersey, where the funds are secured in accordance with the Act.

RISK MANAGEMENT: The Authority carries various forms of insurance, including but not limited to general liability, excess liability, automobile liability, workers' compensation insurance, cyber security insurance and comprehensive/collision, hazard and theft insurance on property, contents, and fidelity bonds which are described in the "Notes to Financial Statements", Note 6.

OTHER INFORMATION:

Independent Audit - State statutes require an annual audit by independent certified public accountants or registered municipal accountants. The accounting firm of Nisivoccia, LLP, CPAs, was selected by the Authority. The auditors' report on the financial statements is included in the financial section of this report.

ACKNOWLEDGEMENTS:

We would like to express our appreciation to the members of The Southeast Morris County Municipal Utilities Authority for their concern in providing fiscal accountability to the citizens of the participating municipalities and thereby contributing their full support to the development and maintenance of our financial operation. The preparation of this report could not have been accomplished without the efficient and dedicated services of our financial and accounting staff.

Respectfully submitted,

Laura Cummings, P.E.
Executive Director

Charles Maggio, CMFO
Manager of Finance/Treasurer

ORGANIZATIONAL CHART



THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
ROSTER OF OFFICIALS
DECEMBER 31, 2018

Commissioners

Position

Ralph R. Rotando

Chairperson

Dennis Baldassari

Vice Chairperson

Saverio C. Iannaccone

Secretary

Michael Chumer, PhD.

Board Member

Jack Doherty

Board Member

Mary E. Dougherty

Board Member

Donald Kissil

Board Member

Adolf Schimpf, PhD.

Board Member

Other Officials

Laura Cummings, P.E.

Executive Director/Assistant Treasurer

Charles Maggio, CMFO

Chief Financial Officer/Treasurer

Sidney D. Weiss, Esquire

General Counsel/Assistant Secretary

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
CONSULTANTS AND ADVISORS

AUDIT FIRM

Nisivoccia, LLP
200 Valley Road, Suite 300
Mt. Arlington, New Jersey 07856

ATTORNEY

Sidney D. Weiss, Esquire
19 Saddle Road
Cedar Knolls, New Jersey 07927

INSURANCE AGENT

Willis of New Jersey
10000 Midlantic Drive, East 200
Mount Laurel, New Jersey 08054

PART II - FINANCIAL SECTION

Independent Auditors' Report

The Honorable Chairman and Members
of The Southeast Morris County
Municipal Utilities Authority
Cedar Knolls, NJ

Report on the Financial Statements

We have audited the accompanying financial statements of The Southeast Morris County Municipal Utilities Authority, (the "Authority") for the year ended December 31, 2018, and the related notes to the financial statements, as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the Authority's basic 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 opinions 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, audit requirements prescribed by the Division of Local Government Services, Department of Community Affairs, State of New Jersey (the "Division"), and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

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

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

Opinions

In our opinion, the financial statements referred to above, present fairly, in all material respects, the financial position of the Authority as of December 31, 2018, and the respective changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

As discussed in Note 13 to the financial statements, the Authority implemented Governmental Accounting Standards Board (“GASB”) Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*, during the year ended December 31, 2018. Our opinions are not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management’s discussion and analysis and the required supplementary information pension and post-retirement benefits other than pension schedules and the related notes be presented to supplement the financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management’s responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the 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.

Supplementary and Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Authority’s basic financial statements. The supplementary information schedules and the schedules of expenditures of federal and state awards, as required by Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards*; and New Jersey’s OMB Circular 15-08, *Single Audit Policy for Recipients of Federal Grants, State Grants and State Aid* and the other information, such as the introductory section listed in the table of contents are presented for purposes of additional analysis and are not a required part of the financial statements.

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

Other Matters (Cont'd)

Supplementary and Other Information (Cont'd)

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

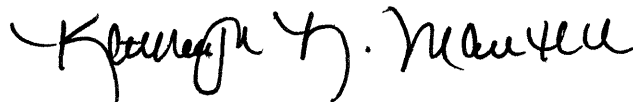
Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated July 15, 2019 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 solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of 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.

Mt. Arlington, New Jersey
July 15, 2019



NISIVOCCIA, LLP



Kathryn L. Mantell
Registered Municipal Accountant #447
Certified Public Accountant

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

This section presents management's analysis of the Authority's financial condition and activities for the year ended December 31, 2018. This information should be read in conjunction with the financial statements.

FINANCIAL HIGHLIGHTS

Management believes the Authority's financial position to be strong. The Authority is functioning within its stringent financial policies and guidelines set forth by the Authority members. Following is a list of key highlights for 2018:

- When compared to the 2018 budget, operating revenues were up by \$27,151 and expenses were below budget by \$1,154,379 before depreciation. The excess in revenue was primarily due to connection fees. Operating expenses were lower than that budgeted for some accounts including IT managed services, chemicals and insurance costs.
- Overall operating revenue for 2018 was lower by 3.72% when compared to 2017.
- Revenues from water charges were \$14,126,684; this represents a decrease of \$121,394 from 2017.
- Revenues from connection fees were \$361,152; this represents a decrease of \$481,153 from 2017.
- Overall operating expenses for 2018 were lower by 54.76% when compared to 2017.
- Cash and cash equivalents and investments have increased by \$1,590,332 from 2017.
- Total expenses for capital projects and other capital assets, net of refunds, were \$2,027,674.

OVERVIEW OF THE ANNUAL FINANCIAL REPORT

The Management's Discussion and Analysis (MD&A) serves as an introduction to, and should be read in conjunction with the audited financial statements and supplementary information. The Management's Discussion and Analysis represents management's examination and analysis of the Authority's financial condition and performance. Summary financial statement data, key financial and operational indicators used in the Authority's strategic plan, budget, and other management tools were used for this analysis.

The financial statements report information about the Authority using full accrual accounting as utilized by similar government activities. The financial statements include a statement of net position; a statement of revenues, expenses, and changes in net position; a statement of cash flows; and notes to the financial statements. In addition, there are several supplementary information schedules.

The *Statement of Net Position* presents the financial position of the Authority on a full accrual historical cost basis. The Statement of Net Position presents information on all of the Authority's assets and liabilities as well as any deferred inflows or outflows of resources, with the difference reported as net position. Over time, increases and decreases in net position is one indicator of whether the financial position of the Authority is improving or deteriorating.

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

OVERVIEW OF THE ANNUAL FINANCIAL REPORT (CONT'D)

While the statement of net position provides information about the nature and amount of resources and obligations at year-end, the *Statement of Revenues, Expenses, and Changes in Net Position* presents the results of the business activities over the course of the year and information as to how the net position changed during the year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of the related cash flows. This statement also provides certain information about the Authority's recovery of its costs. Rate setting policies use different methods of cost recovery not fully provided for by generally accepted accounting principles. The primary objectives of the rate model are to improve equity among customer classes and ensure that capital costs are allocated on the basis of long-term requirements.

The *Statement of Cash Flows* presents changes in cash and cash equivalents, resulting from operational, capital financing, and investing activities. This statement presents cash receipts and cash disbursement information, without consideration of the earnings event, when an obligation arises, or depreciation of capital assets.

The *Notes to Financial Statements* provide required disclosures and other information that are essential to a full understanding of material data provided in the statements. The notes present information concerning the Authority's accounting policies, significant account balances and activities, material risks, obligations, commitments, contingencies and subsequent events, if any.

The *supplementary information schedules* provide detailed comparison of budget to actual expenses, as well as important debt information.

FINANCIAL CONDITION

The Authority's total net position increased 2.91%. This was mainly the result of normal business operations and the continued reduction of debt associated with capital assets. The Authority is in excellent shape to meet future financial demands. The analysis below focuses on the Authority's net position (Table 1).

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

**TABLE 1
Condensed Statement of Net Position**

	Dec. 31, 2018	(Restated) Dec. 31, 2017	Increase/ (Decrease) from 2017	Percentage Increase/ (Decrease)
Current Assets	\$ 27,278,109	\$ 25,310,653	\$ 1,967,456	7.77%
Capital Assets, Net	71,717,366	67,447,884	4,269,482	6.33%
Total Assets	<u>98,995,475</u>	<u>92,758,537</u>	<u>6,236,938</u>	6.72%
Deferred Outflows of Resources	3,226,423	2,924,010	302,413	10.34%
Current Liabilities	9,850,160	5,316,546	4,533,614	85.27%
Long-Term Liabilities	18,588,110	21,962,492	(3,374,382)	-15.36%
Total Liabilities	<u>28,438,270</u>	<u>27,279,038</u>	<u>1,159,232</u>	4.25%
Deferred Inflows of Resources	9,125,390	5,573,459	3,551,931	63.73%
Net Position:				
Net Investment in Capital Assets	71,152,779	66,881,611	4,271,168	6.39%
Restricted	4,000,702	3,824,776	175,926	4.60%
Unrestricted/(Deficit)	<u>(10,495,243)</u>	<u>(7,876,337)</u>	<u>(2,618,906)</u>	33.25%
Total Net Position	<u>\$ 64,658,238</u>	<u>\$ 62,830,050</u>	<u>\$ 1,828,188</u>	2.91%

FINANCIAL RESULTS

Changes in the Authority's net position can be determined by reviewing the following condensed Statement of Revenue, Expenses and Changes in Net Position for the year. The Authority's total net position increased from the prior year by \$1,828,188. For the year ended December 31, 2018, the Authority implemented Governmental Accounting Standards Board ("GASB") Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*. The analysis below further focuses on the Authority's changes in net position (Table 2) during the year.

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

**TABLE 2
Condensed Statement of Revenue, Expenses
and Changes in Net Position**

	2018	(Restated) 2017	Increase/ (Decrease) from 2017	Percentage Increase/ (Decrease)
Operating Revenue	\$ 14,851,324	\$ 15,425,224	\$ (573,900)	-3.72%
Nonoperating Revenue	123,598	27,632	95,966	347.30%
Total Revenue	<u>14,974,922</u>	<u>15,452,856</u>	<u>(477,934)</u>	-3.09%
Operating Expenses	11,282,221	24,937,512	(13,655,291)	-54.76%
Depreciation	1,836,199	1,778,100	58,099	3.27%
Nonoperating Expenses	28,314	187,674	(159,360)	-84.91%
Total Expenses	<u>13,146,734</u>	<u>26,903,286</u>	<u>(13,756,552)</u>	-51.13%
Other Item:				
Disposal of Capital Assets		(3,878)	3,878	-100.00%
Change in Net Position	1,828,188	(11,454,308)	13,282,496	-115.96%
Beginning Net Position	<u>62,830,050</u>	<u>74,284,358</u>	<u>(11,454,308)</u>	-15.42%
Ending Net Position	<u>\$ 64,658,238</u>	<u>\$ 62,830,050</u>	<u>\$ 1,828,188</u>	2.91%

Operating Revenues: The \$573,900 decrease in operating revenues compared to 2017 is primarily due to a large increase in precipitation during the 2018 year resulting in a decrease in metered sales and a decrease in water connection fees which varies year to year based upon development service. Water connection fees are not budgeted due to the fact that they are reliant on development in the service area which has proven to be unpredictable.

Expenses: Operating expenses decreased by \$13,655,291 from 2017 which is due to a decrease in employee benefits of \$14,750,781 as a result of accruals for deferred inflows and deferred outflows related to the net pension liability and net Other Postemployment Benefits (OPEB) liability; offset by an increase of \$287,379 in salaries and wages as a result of three new hires for an Engineering Administrative Assistant and an Engineering Services Supervisor and an increase in other expenses of \$808,111, which is comprised of an increase in water purchases, chemicals, paving and curbing road repairs caused by water main breaks and the resulting traffic control costs. Nonoperating expenses decreased by \$159,360 which is primarily due to the cancellation of an older connection fee in the prior year accounts receivable. The Authority closely monitors its budget and spending throughout the year in order to control its operations.

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

FINANCIAL ANALYSIS OF THE AUTHORITY AS A WHOLE

One of the most important questions asked about the Authority's finances is "is the Authority, as a whole, better or worse off as a result of the year's activities?" The Statement of Net Position and Statement of Revenues, Expenses and Changes in Net Position report information about the Authority's activities in a way that will help answer this question. These two statements report the net position of the Authority, and changes in them. The Authority's net position – the difference between assets and liabilities and deferred inflows and outflows – is a measurement of its financial health or financial position.

Over time, increases or decreases in the Authority's net position are an indicator of whether its financial health is improving or deteriorating. However, other non-financial factors such as changes in economic conditions, customer growth and legislative mandates also need to be considered.

The greatest impacts on the Authority's performance were:

- Revenue from metered sales for 2018 was \$472,114 below the 2018 projected amount.
- Connection fees were \$361,152 above the 2018 budgeted amount.
- Miscellaneous revenue was \$304,454, an increase of \$3,917 from 2017 and an excess of \$119,454 as compared to the 2018 budget.
- Interest income for the Authority was \$89,250, an increase of \$62,085 from 2017 and an excess of \$77,250 as compared to the 2018 budget.
- Both Passaic Valley Water Commission and the Morris County Municipal Utilities Authority increased their water rates by 2% and 4%, respectively, for 2018.
- The Authority paid its actuarially calculated pension payment of \$382,083 in 2018.

BUDGETARY HIGHLIGHTS

The State of New Jersey requires local authorities to prepare and adopt annual budgets in accordance with the Local Authorities Fiscal Control Law and regulations adopted by the Local Finance Board pursuant to statute and codified as N.J.A.C. 5:31-1 et seq. The statutory budget was designed to demonstrate to the Bureau of Authority Regulation of the Division of Local Government Services that the cash flows of the Authority for the coming year will be sufficient to cover operating expenses, interest accruing on bonded indebtedness and cash payments of maturing bond and loan principal.

In the event that current projected revenues lag behind budget amounts, adjustments to discretionary spending and/or rate impact analyses need to be performed. However, in order to present a true budgetary comparison, the statutory budget is amended only in instances wherein planned spending will exceed legal appropriation amounts.

In order to continue its aggressive capital improvement program as outlined in the 2006 Master Plan and in the current budget report on a "pay-as-you-go" basis, the Authority raises rates when necessary to fund current and future capital projects.

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

BUDGETARY HIGHLIGHTS

A Cost of Services study was generated in early 2016 and an analysis of revenues and expenses was performed mid-year in 2016 as part of the budget production process. As a result, it was determined that a required water rate increase of 1% for commercial rates, 2% for residential rates and a 2% rate increase for all other charges need to be implemented in order to continue to achieve the business goals of the Authority for 2018. Statutory adjustments to the Connection Fee will continue annually as required.

CAPITAL ASSETS

At December 31, 2018, the Authority had \$71,717,366 invested in a broad range of utility capital assets, including water treatment plants, water storage facilities, water mains, pump stations, and related land, facilities and equipment.

The following table summarizes the Authority’s capital assets, net of accumulated depreciation and changes therein, for the year ended December 31, 2018. These changes are presented in detail in Note 2 to the financial statements.

**TABLE 3
Capital Assets, Net of Accumulated Depreciation**

	<u>Dec. 31, 2018</u>	<u>Dec. 31, 2017</u>	<u>Increase/ (Decrease) from 2017</u>	<u>Percentage Increase/ (Decrease)</u>
Land	\$ 4,045,860	\$ 4,045,860		
Plant, Equipment and Vehicles	92,430,880	89,461,217	\$ 2,969,663	3.32%
Construction in Progress	10,843,292	7,707,274	3,136,018	40.69%
Total	107,320,032	101,214,351	6,105,681	6.03%
Less: Accumulated Depreciation	35,602,666	33,766,467	1,836,199	5.44%
Capital Assets, Net of Accumulated Depreciation	<u>\$ 71,717,366</u>	<u>\$ 67,447,884</u>	<u>\$ 4,269,482</u>	6.33%

During the year, the Authority’s Construction in Progress included \$5,440,313 of additions, \$2,969,663 of transfers to Plant, Equipment and Vehicles for fully completed projects and \$665,368 of deletions. There was \$1,836,199 of annual depreciation expense on the Authority’s capital assets.

Based on the 2006 Master Plan and revised in 2012 and the current budget report, the Authority’s 2019 capital budget requires an investment of \$4,892,752, including the following:

Engineering	\$ 583,962
Information Technology	168,000
Facilities Improvements	100,000
Meters and Services	112,790
Transmission and Distribution Improvements	2,230,000
Treatment and Pumping Improvements	1,595,000
Vehicles	63,000
Equipment	40,000
	<u>\$ 4,892,752</u>

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

LONG TERM LIABILITIES

The Authority plans to continue funding its capital projects through its general operating budget which also comprises annual depreciation and connection fee transfers from revenues.

At year-end, the Authority had \$18,588,110 in long term liabilities – a decrease of \$3,374,382 from last year – as shown in Table 4. (More detailed information about the Authority’s long-term liabilities is presented in Note 4 to the financial statements.)

**TABLE 4
Outstanding Long-Term Liabilities**

	(Restated)	Increase/ (Decrease)	Percentage Increase/ (Decrease)
Dec. 31, 2018	Dec. 31, 2017	from 2017	
Loan - Town of Morristown	\$ 564,587	\$ 566,273	\$ (1,686) -0.30%
Net Pension Liability	8,018,724	9,527,454	(1,508,730) -15.84%
Net OPEB Liability	9,832,996	11,675,381	(1,842,385) -15.78%
Other Long-Term Liabilities	171,803	193,384	(21,581) -11.16%
	<u>\$ 18,588,110</u>	<u>\$ 21,962,492</u>	<u>\$ (3,374,382) -15.36%</u>

ECONOMIC FACTORS AND NEXT YEAR’S BUDGET AND RATES

The Authority’s 2019 budget revenues were projected conservatively at \$15,535,465, assuming conservative sales based on high precipitation and no connection fees. The 2019 total budgetary expenses are equal to \$15,551,800, requiring a contribution from net position of \$16,335 to balance the budget. The 2019 operating budget was created utilizing a zero-based budget approach together with management’s thorough review of expenses for each Division. Revenue projections incorporated the proposed rate increases of 4.5% for commercial rates, 5.5% for residential rates and a 6% rate increase consistent with recommendations from the 2016 cost of services study for all other charges and assumed no income from connection fees. The Authority also restructured residential rates from a 4 tier structure to a 3 tier structure.

**THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
MANAGEMENT DISCUSSION AND ANALYSIS
(UNAUDITED)**

ECONOMIC FACTORS AND NEXT YEAR'S BUDGET AND RATES

- The 2019 Budget was developed utilizing a six (6) year planning period. Criteria utilized to develop the budget includes the following:
 - Projected demand (consumption) based on the 2015 Demand Study.
 - Class rate adjustments based on the 2016 Cost of Services Study.
 - Assumption of “zero” collection of connection fees.
 - Cash funding of all capital projects.
 - Assume an annual rate increase of 5% for PVWC and 4% for MCMUA.
 - Maintenance of a minimum of 1/12th of the operating budget, cash working capital (cash flow reserve).
 - Maintain a year-end General Fund balance of \$5 million at the end of the six (6) year budgeting cycle.
 - Include depreciation and amortization in the budget.
- An overall operating budget increase of 4.16% was observed from 2018 to 2019.
- Metered sales are estimated to be \$350,000 below those estimated for 2018 due to very wet weather conditions and industry efficient appliances.
- Expenses for PVWC and MCMUA increased by 3% and 4%, respectively, above the 2018 rates.
- Public Employee Retirement System contributions increased by \$36,700.
- NJ State Health Benefit Program contributions for active employees decreased by \$46,800.
- NJ State Health Benefits Program for retired employees budget decreased by \$39,500 but change by the state in benefit plans Medicare eligible employees may lead to a realization of an approximate \$200,000 savings.
- Depreciation and amortization for 2019 is equal to \$2,464,000.

It should be noted that based on the Board's commitment to supply the highest water quality and superior customer service and the practice of internal financing for projects and capital improvements, an annual review of revenues and rates is required.

CONTACTING THE AUTHORITY'S FINANCIAL MANAGEMENT

This financial report is designed to provide the Authority's 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 any questions about this report or need additional financial information, contact Charles Maggio, CMFO, Chief Financial Officer/Treasurer at The Southeast Morris County Municipal Utilities Authority, 19 Saddle Road, Cedar Knolls, NJ 07927 or e-mail cmaggio@smcmua.org.

FINANCIAL STATEMENTS

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
STATEMENT OF NET POSITION
DECEMBER 31, 2018

ASSETS

Current Assets:

Cash and Cash Equivalents	\$ 24,982,083
Change Fund	700

Total Cash and Cash Equivalents	24,982,783
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Water Charges Receivable	1,417,982
Other Accounts Receivable	733,479
Inventory	143,865

Total Current Assets	27,278,109
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Noncurrent Assets:

Depreciable Capital Assets	56,828,214
Land	4,045,860
Construction in Progress	10,843,292

Total Capital Assets	71,717,366
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Total Noncurrent Assets	71,717,366
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TOTAL ASSETS	98,995,475
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DEFERRED OUTFLOWS OF RESOURCES

Deferred Outflows Related to Pensions	1,705,122
Deferred Outflows Related to OPEB	1,114,387
Authority Contribution Subsequent to the Measurement Date - Pensions	406,914

Total Deferred Outflows of Resources	3,226,423
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THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
STATEMENT OF NET POSITION
DECEMBER 31, 2018
(Continued)

LIABILITIES

Current Liabilities:

Accounts Payable	\$ 1,628,964
Contracts Payable	8,030,710
Payroll Deductions Payable	39,791
Accrued Wages Payable	150,695
	9,850,160

Total Current Liabilities

9,850,160

Noncurrent Liabilities:

Net Pension Liability	8,018,724
Net OPEB Liability	9,832,996
Compensated Absences Payable	171,803
Loan Payable - Due to Town of Morristown - Due Within One Year	1,771
Loan Payable - Due to Town of Morristown - Due Beyond One Year	562,816
	18,588,110

Total Noncurrent Liabilities

18,588,110

Total Liabilities

28,438,270

DEFERRED INFLOWS OF RESOURCES:

Deferred Inflows Related to Pensions	3,310,376
Deferred Inflows Related to OPEB	5,815,014
	9,125,390

Total Deferred Inflows of Resources

9,125,390

NET POSITION

Net Investment in Capital Assets	71,152,779
Restricted	4,000,702
Unrestricted/(Deficit)	(10,495,243)
	64,658,238

Total Net Position

\$ 64,658,238

THE ACCOMPANYING NOTES TO THE FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
STATEMENT OF REVENUE, EXPENSES
AND CHANGES IN NET POSITION
FOR THE YEAR ENDED DECEMBER 31, 2018

Operating Revenue:		
Water Charges		\$ 14,126,684
Water Connection Fees		361,152
Other		59,034
Miscellaneous:		
Wet Cut Application Fees	\$ 3,336	
Tap Application Fees	96,902	
Main Extension Inspection Fees	25,810	
Fines/Penalties	57,942	
Leases/Rents	120,464	
Total Miscellaneous		304,454
Total Operating Revenue		14,851,324
Operating Expenses:		
Operating Appropriations		11,282,221
Depreciation		1,836,199
Total Operating Expenses		13,118,420
Operating Income		1,732,904
Nonoperating Revenue/(Expenses):		
Federal Emergency Management Grant		11,145
Interest Income		89,250
Interest Expense - Loans		(28,314)
Prior Year Accounts Payable Cancelled		23,203
Total Nonoperating Revenue/(Expenses)		95,284
Change in Net Position		1,828,188
Net Position, Beginning of Year (Restated)		62,830,050
Net Position, End of Year		\$ 64,658,238

THE ACCOMPANYING NOTES TO THE FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 31, 2018

Cash Flows from Operating Activities:	
Cash Received from Customers	\$ 14,496,831
Cash Paid to Suppliers and Employees	(10,949,220)
Net Cash Provided by Operating Activities	3,547,611
Cash Flows from Capital and Related Financing Activities:	
Construction in Progress	(2,027,674)
Principal Paid on Bonds and Loans	(1,686)
Interest Expense	(28,314)
Net Cash Used for Capital and Related Financing Activities	(2,057,674)
Cash Flows from Noncapital Financing Activities:	
Grants Received	11,145
Net Cash Provided by Noncapital Financing Activities	11,145
Cash Flows from Investing Activities:	
Interest on Investments	89,250
Net Cash Provided by Investing Activities	89,250
Net Increase in Cash and Cash Equivalents	1,590,332
Cash and Cash Equivalents - Beginning of Year	23,392,451
Cash and Cash Equivalents - End of Year	\$ 24,982,783
Reconciliation of Operating Income to Net Cash	
Provided by Operating Activities:	
Operating Income	\$ 1,732,904
Adjustments to Reconcile Operating Income to Net	
Cash Provided by Operating Activities:	
Depreciation	1,836,199
Changes in Net Position:	
(Increase) in Water Charges Receivable	(24,925)
(Increase) in Other Accounts Receivable	(329,568)
(Increase) in Inventory	(22,631)
Increase in Accounts Payable	471,949
(Decrease) in Payroll Deductions Payable	(3,936)
(Decrease) in Accrued Wages Payable	(14,034)
(Decrease) in Accrued Compensated Absences Payable	(21,581)
Decrease in Deferred Outflows Related to Pensions	834,804
(Increase) in Deferred Outflows Related to OPEB	(1,112,386)
Increase in Deferred Inflows Related to Pensions	576,337
Increase in Deferred Inflows Related to OPEB	2,975,594
(Decrease) in Net Pension Liability	(1,508,730)
(Decrease) in Net OPEB Liability	(1,842,385)
Net Cash Provided by Operating Activities	\$ 3,547,611

THE ACCOMPANYING NOTES TO THE FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

Note 1 - Organization and Summary of Significant Accounting Policies

The Southeast Morris County Municipal Utilities Authority is a public body corporate and politic of the State of New Jersey and was created by parallel ordinances adopted by the governing bodies, effective in December 1976, of the Township of Hanover, the Township of Morris, the Borough of Morris Plains and the Town of Morristown ("the creating municipalities"), all municipal corporations of the State of New Jersey located in the County of Morris. Additionally, all municipal service contracts were signed in January 1977.

The Authority was created for the purpose of acquiring, constructing, maintaining, operating and improving the water supply and distribution system previously owned and operated by the Town of Morristown.

The ordinances creating the Authority provide that the Authority shall consist of eight members, two of whom shall be appointed by each of the governing bodies of the creating municipalities.

A. Basis of Presentation and Accounting

The Authority utilizes the accrual basis of accounting whereby revenue is recorded as earned and expenses are reflected as the liability is incurred. Operating revenue, such as charges for services result from exchange transactions associated with the principal activity of the Authority. Exchange transactions are those in which each party receives and gives up essentially equal value. Nonoperating revenue, such as subsidies and investment earnings, results from nonexchange transactions or ancillary activities. Nonexchange transactions, in which the Authority gives or receives value without directly receiving or giving equal value in exchange, generally do not occur, with the exception of investment earnings.

All activities of the Authority are accounted for within a single proprietary (enterprise) fund. Proprietary funds are used to account for operations that are (a) financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenue earned and/or expenses incurred is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

The accounting and financial reporting treatment applied to the Authority is determined by its measurement focus. The financial statements are reported using the economic measurement focus and the accrual basis of accounting. The transactions of the Authority are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operations are included on the Statement of Net Position. Net Position (i.e., totals assets and deferred outflows net of total liabilities and deferred inflows) are segregated into "net investment in capital assets", "restricted" and "unrestricted" components.

Reporting Entity

Governmental Accounting Standards Board ("GASB") Codification Section 2100, "Defining the Financial Reporting Entity" establishes standards to determine whether a governmental component unit should be included in the financial reporting entity. Component units are legally separate organizations for which the elected officials of the primary government are financially accountable.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 1 - Organization and Summary of Significant Accounting Policies (Cont'd)

A. Basis of Presentation and Accounting (Cont'd)

Reporting Entity (Cont'd)

In addition, component units can be other organizations for which the nature and significance of their relationship with a primary government are such that exclusion would cause the reporting entity's financial statements to be misleading. The primary government is financially accountable if it appoints a voting majority of the organization's governing body and (1) it is able to impose its will on that organization or (2) there is a potential for the organization to provide specific financial benefits to, or impose specific financial burdens on, the primary government. A legally separate, tax-exempt organization should be reported as a component unit of a reporting entity if all of the following criteria are met: (1) The economic resources received or held by the separate organization are entirely or almost entirely for the direct benefit of the primary government, its component units, or its constituents. (2) The primary government, or its component units, is entitled to, or has the ability to otherwise access, a majority of the economic resources received or held by the separate organization. (3). The economic resources received or held by an individual organization that the specific primary government, or its component units, is entitled to, or has the ability to otherwise access, are significant to that primary government. There were no additional entities required to be included in the reporting entity under the criteria as described above, in the current fiscal year. Furthermore, the Authority is not includable in any other reporting entity on the basis of such criteria.

B. Grants

Recognition of revenue from grants is based on the accrual basis of accounting. Grant funds received before costs are incurred are recorded as unearned revenue.

Grant related expenses incurred in advance of receipt of grant funds result in the recording of receivables and revenue. Grants not externally restricted and utilized to finance operations are identified as nonoperating revenue.

C. Inventories

The cost of inventories of supplies are recorded on a first-in, first-out basis and are stated at cost.

D. Cash and Cash Equivalents

Amounts include petty cash, amounts on deposit, and short-term investments with original maturities of three months or less.

E. Investments

The Authority generally records investments at fair value and records the unrealized gains and losses as part of investment income. Fair value is the price that would be received to sell an investment in an orderly transaction between market participants at the measurement date. The Authority categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 1 - Organization and Summary of Significant Accounting Policies (Cont'd)

E. Investments (Cont'd)

The hierarchy is based on the valuation inputs used to measure the fair value of the assets. 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.

F. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from the estimates.

G. Compensated Absences

The Authority accounts for compensated absences (e.g., unused vacation, sick leave) as directed by Governmental Accounting Standards Board Statement No. 16 (GASB 16), *Accounting for Compensated Absences*. A liability for compensated absences attributable to services already rendered and not contingent on a specific event that is outside the control of the employer and employee is accrued as employees earn the rights to the benefits.

Authority employees are granted varying amounts of vacation and sick leave in accordance with the Authority's employee contracts/agreements and personnel manual. Employees are permitted to accrue up to one year of unused vacation time and all unused sick time. Upon retirement, employees shall be paid for their unused (prorated) vacation time. Employees hired prior to December 31, 2011 shall be paid for their unused sick leave in accordance with the Authority's applicable employee contracts/agreements and personnel manual. Employees hired after December 31, 2011, are not entitled to payment for their unused sick time.

In the *Statement of Net Position*, the liabilities, whose average maturities are greater than one year, should be reported in two components – the amount due within one year and the amount due in more than one year. Compensated absences are accrued and reported as a liability in the period earned. The balance as of December 31, 2018 was \$171,803, which is included on the Statement of Net Position as a non-current liability.

H. Net Position

Net Position is the difference between (a) assets and deferred outflows of resources and (b) liabilities and deferred inflows of resources.

A deferred outflow of resources is a consumption of net position by the Authority that is applicable to a future reporting period. The Authority had deferred outflows of resources at December 31, 2018 for pensions and OPEB.

A deferred inflow of resources is an acquisition of net position by the Authority that is applicable to a future reporting period. The Authority had a deferred inflow of resources at December 31, 2018 for pensions and OPEB.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 1 - Organization and Summary of Significant Accounting Policies (Cont'd)

H. Net Position (Cont'd)

Net position is displayed in three components - net investment in capital assets; restricted and unrestricted.

The net investment in capital assets component of net position consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of borrowings that are attributable to the acquisition, construction, or improvement of those assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt also would be included in this component of net position.

The restricted component of net position consists of restricted assets reduced by liabilities and deferred inflows of resources related to those assets.

The unrestricted component of net position is the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of net investment in capital assets or the restricted component of net position.

I. Allowance for Uncollectible Accounts

All receivables are reported at their gross values and, where appropriate, are reduced by the estimated portion that is expected to be uncollectible. The allowance is established at the discretion of management of the Authority as deemed necessary based on prior collection history.

J. Revenue Recognition

Large commercial customers are billed monthly and residential and small commercial customers are billed quarterly. Revenue is recorded net of any discounts, assessments or abatements, if applicable.

K. Pensions

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

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 2 - Capital Assets

Capital assets are recorded at cost and consisted of the following:

	<u>Dec. 31, 2017</u>	<u>Additions</u>	<u>Deletions</u>	<u>Transfers</u>	<u>Dec. 31, 2018</u>
Capital Assets Being Depreciated:					
Plant	\$ 63,391,278			\$ 2,492,142	\$ 65,883,420
Vehicles	1,001,334			134,372	1,135,706
Machinery and Equipment	25,068,605			343,149	25,411,754
Total Capital Assets Being Depreciated	<u>89,461,217</u>			<u>2,969,663</u>	<u>92,430,880</u>
Capital Assets not Being Depreciated:					
Land	4,045,860				4,045,860
Construction in Progress	7,707,274	\$ 5,440,313	\$ 665,368	(2,969,663)	10,843,292
Total Capital Assets not Being Depreciated	<u>11,753,134</u>	<u>5,440,313</u>	<u>665,368</u>	<u>(2,969,663)</u>	<u>14,889,152</u>
Total Capital Assets	101,214,351	5,440,313	665,368		107,320,032
Accumulated Depreciation	<u>(33,766,467)</u>	<u>(1,836,199)</u>			<u>(35,602,666)</u>
Capital Assets (Net)	<u>\$ 67,447,884</u>	<u>\$ 3,604,114</u>	<u>\$ 665,368</u>	<u>\$ - 0 -</u>	<u>\$ 71,717,366</u>

Property and equipment are recorded at cost. Depreciation is provided on the straight-line method over the estimated useful lives of the respective assets. Maintenance and repairs are charged to expense as incurred; major renewals and betterments are capitalized. Capital assets have been reviewed for impairments.

Major classes of property, plant and equipment and their estimated useful lives are summarized below:

Structures and Improvements	50-100 Years
Transmission and Distribution Mains, Reservoirs and Standpipes	100 Years
Vehicles, Machinery and Equipment	5-50 Years

Construction-in-Progress

As of December 31, 2018, the Authority has \$8,030,710 in active construction projects.

Note 3 - Operating Leases

The Authority has commitments to lease copying equipment under an operating lease which expires in July 2020. Total operating lease payments made during the year ended December 31, 2018 were \$6,880.

Future lease payments are as follows:

<u>Year</u>	<u>Amount</u>
2019	\$ 5,832
2020	<u>3,402</u>
	<u>\$ 9,234</u>

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4 - Long-Term Liabilities

During the year ended December 31, 2018, the following changes occurred in the long-term liabilities reported in the financial statements:

	(Restated)			
	Balance			Balance
	<u>Dec. 31, 2017</u>	<u>Accrued</u>	<u>Retired</u>	<u>Dec. 31, 2018</u>
Loan - Town of Morristown	\$ 566,273		\$ 1,686	\$ 564,587
Net Pension Liability	9,527,454		1,508,730	8,018,724
Net OPEB Liability	11,675,381		1,842,385	9,832,996
Other Long-Term Liabilities	<u>193,384</u>	<u>\$ 22,816</u>	<u>44,397</u>	<u>171,803</u>
	<u>\$ 21,962,492</u>	<u>\$ 22,816</u>	<u>\$ 3,397,198</u>	<u>\$ 18,588,110</u>

Loans Payable

On January 20, 1977, under a regionalization plan approved by ordinances of the creating municipalities (see Note 1), the Authority acquired the water utility owned and operated by the Town of Morristown. Under the plan, a portion of the acquisition cost is required to be paid to the Town of Morristown in annual installments of \$30,000 until year 2076. The current portion of the loan payable at December 31, 2018 is \$1,771 and the long-term portion is \$562,816. Interest expense on the annual payment due to the Town of Morristown was \$28,314 and \$28,394 for 2018 and 2017, respectively, at an assumed interest rate of 5%.

Bonds Authorized But Not Issued

As of December 31, 2018, the Authority has no bonds authorized but not issued.

Net Pension Liability

The Public Employee's Retirement System (PERS) net pension liability is recorded in the current and long-term liabilities. The current portion of the net pension liability at June 30, 2018 is \$-0- and the long term portion is \$8,018,724. See Note 12 for further information on the PERS.

Net OPEB Liability

The Authority's net OPEB liability related to the State Health Benefit Local Government Retired Employees Plan at June 30, 2018 was calculated to be \$9,832,996. See Note 13 for further information on OPEB.

Compensated Absences Payable

The liability for compensated absences is recorded in the current and long-term liabilities. The compensated absences balance is \$171,803, none of which represents a current liability; therefore, the entire balance is reported as a long-term liability.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 5 - Cash and Cash Equivalents and Investments

Cash and cash equivalents include petty cash, amounts in deposits, money market accounts, and short-term investments with original maturities of three months or less.

The Authority classifies certificates of deposit which have original maturity dates of more than three months but less than twelve months from the date of purchase, as investments.

GASB requires disclosure of the level of custodial credit risk assumed by the Authority in its cash, cash equivalents and investments, if those items are uninsured or unregistered. Custodial risk is the risk that in the event of bank failure, the government's deposits may not be returned.

Interest Rate Risk – In accordance with its cash management plan, the Authority ensures that any deposit or investment matures within the time period that approximates the prospective need for the funds, deposited or invested, so that there is not a risk to the market value of such deposits or investments.

Custodial Credit Risk – The Authority's policy with respect to custodial credit risk requires that the Authority ensures that Authority funds are only deposited in financial institutions in which New Jersey Authorities are permitted to invest their funds.

Credit Risk – The Authority limits its investments to those authorized in its cash management plan which are permitted under state statutes as detailed in the investments section of this note.

Deposits:

New Jersey statutes require that authorities deposit public funds in public depositories located in New Jersey which are insured by the Federal Deposit Insurance Corporation, or by any other agency of the United States that insures deposits made in public depositories. Authorities are also permitted to deposit public funds in the State of New Jersey Cash Management Fund.

New Jersey statutes require public depositories to maintain collateral for deposits of public funds that exceed insurance limits as follows:

The market value of the collateral must equal 5% of the average daily balance of collected public funds on deposit.

In addition to the above collateral requirement, if the public funds deposited exceed 75% of the capital funds of the depository, the depository must provide collateral having a market value equal to 100% of the amount exceeding 75%.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 5 - Cash and Cash Equivalents and Investments (Cont'd)

All collateral must be deposited with the Federal Reserve Bank, the Federal Home Loan Bank Board or a banking institution that is a member of the Federal Reserve System and has capital funds of not less than \$25,000,000.

Investments:

New Jersey statutes permit the Authority to purchase the following types of securities:

- (1) Bonds or other obligations of the United States of America or obligations guaranteed by the United States of America;
- (2) Government money market mutual funds;
- (3) Any obligation that a federal agency or a federal instrumentality has issued in accordance with an act of Congress, which security has a maturity date not greater than 397 days from the date of purchase, provided that such obligation bears a fixed rate of interest not dependent on any index or other external factor;
- (4) Bonds or other obligations of the local unit or bonds or other obligations of school districts of which the local unit is a part or within which the school district is located;
- (5) Bonds or other obligations, having a maturity date not more than 397 days from the date of purchase, issued by New Jersey school districts, municipalities, counties, and entities subject to the "Local Authorities Fiscal Control Law" P.L. 1983, c. 313 (C.40A:5A-1 et seq.) Other bonds or obligations having a maturity date not more than 397 days from the date of purchase may be approved by the Division of Local Government Services in the Department of Community Affairs for investment by local units;
- (6) Local government investment pools;
- (7) Deposits with the State of New Jersey Cash Management Fund established pursuant to section 1 of P.L. 1977, c.281 (C.52:18A-90.4); or
- (8) Agreements for the repurchase of fully collateralized securities if:
 - (a) the underlying securities are permitted investments pursuant to paragraphs (1) and (3) of this subsection a. or are bonds or other obligations, having a maturity date not more than 397 days from the date of purchase, issued by New Jersey school districts, municipalities, counties and entities subject to the "Local Authorities Fiscal Control Law", P.L. 1983 c.313 (C.40A:5A-1 et seq.);
 - (b) the custody of collateral is transferred to a third party;
 - (c) the maturity of the agreement is not more than 30 days;
 - (d) the underlying securities are purchased through a public depository as defined in section 1 of P.L. 1970, c.236 (C.17:9-41); and
 - (e) a master repurchase agreement providing for the custody and security of collateral is executed.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 5 - Cash and Cash Equivalents and Investments (Cont'd)

As of December 31, 2018, cash and cash equivalents of the Southeast Morris County Municipal Utilities Authority consisted of the following:

	Cash on Hand	Checking/ Savings Accounts	Money Market Funds	NJ Cash Management Fund	Total
Cash and Cash Equivalents	\$ 700	\$ 17,819,633	\$ 2,141,056	\$ 5,021,394	\$ 24,982,783

The carrying amount of the Authority's cash and cash equivalents at December 31, 2018, was \$24,982,783, and the bank balance was \$25,079,944. The Authority did not hold any investments during the year ended December 31, 2018.

Note 6 - Risk Management

The Authority is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. Health benefits are provided to employees through the State of New Jersey health benefits plan.

The Authority secures all of its non-health related insurances through private insurance carriers using a broker as its representative.

New Jersey Unemployment Compensation Insurance

The Authority has elected to fund its New Jersey Unemployment Compensation Insurance under the "Benefit Reimbursement Method". Under this plan, the Authority is required to reimburse the New Jersey Unemployment Trust Fund for benefits paid to its former employees and charged to its account with the State. The Authority is billed quarterly for amounts due to the State.

The following is a summary of Authority and employee contributions, interest earned and reimbursements to the State for benefits paid and the ending balance of the Authority's account for the current and previous two years which is included in the Authority's restricted net position:

Year	Authority/ Employee Contributions	Interest Earned	Amount Reimbursed	Ending Balance
2016	\$ 5,707	\$ - 0 -	\$ 71	\$ 120,204
2017	5,813	- 0 -	10,284	115,733
2018	6,468	- 0 -	9,449	112,752

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 7 - Intraentity and Interfund Transfers

In the normal course of business, the Authority will from time to time authorize transfers between accounts. There were no transfers outstanding as of December 31, 2018.

Note 8 - Accounts Payable, Contracts Payable and Accrued Expenses

Accounts payable, contracts payable and accrued expenses were as follows:

	<u>2018</u>	<u>2017</u>
Vendors	\$9,252,760	\$4,726,007
Pensions - Authority Contribution Subsequent to the Measurement Date	406,914	382,083
Payroll Deductions Payable	39,791	43,727
Accrued Wages Payable	<u>150,695</u>	<u>164,729</u>
Total	<u>\$9,850,160</u>	<u>\$5,316,546</u>

Note 9 - Environmental Matters

The Authority's past and present daily operations include activities which are subject to extensive federal and state environmental regulations. Compliance with these regulations has not had, nor does the Authority expect such compliance to have, any material effect upon expected capital expenses, financial condition or competitive position of the Authority. The Authority believes that its current practices and procedures comply with applicable regulations. The Authority's policy is to accrue environmental and related costs of a non-capital nature when it is both probable that a liability has been incurred and that the amount can be reasonably estimated. No such amounts have been accrued in these statements.

Note 10 - Contingencies

The Authority is periodically involved in various lawsuits, claims, and grievances arising in the normal course of business, including claims for personal injury and personnel practices, property damage, and disputes over eminent domain proceedings. In the opinion of the General Counsel to the Authority, payment of claims by the Authority, for amounts not covered by insurance, in the aggregate, are not expected to have a material adverse effect on the Authority's financial position.

Note 11 - Service Contract

On January 20, 1977, the Authority entered into service contracts with the Township of Hanover, the Township of Morris, the Borough of Morris Plains and the Town of Morristown. The contracts authorize the Authority to supply water within the territorial boundaries of the participating municipalities and to establish service charges at rates sufficient (1) to pay or provide for the expenses of operations and maintenance of the system and the principal of and interest on any and all bonds as the same become due, (2) to maintain such reserves and sinking funds as may be required by the terms of any contract of the Authority or any Bond Resolutions, or as may be deemed necessary or desirable by the Authority to the Town of Morristown pursuant to its agreement with said Town, (3) to provide for any deficits of the Authority resulting from failure to receive any sum payable by any municipality, any county or any person, or from any other cause, and (4) to comply in all respects with the terms and provisions of any Bond Resolutions and of the Act.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
 (Continued)

Note 11 - Service Contract (Cont'd)

The service contract does not obligate any municipality to make payments in lieu of service charges; however, the creating municipalities are required to enforce a lien on real property equal to the unpaid balance of service charges with respect to real property located within such municipalities.

The service contract also provides that the Authority shall not supply or distribute water to any property located outside its district (the territorial area of the creating municipalities) without the consent of all the creating municipalities unless such property was previously supplied with water by the Town of Morristown water system.

Note 12 - Pension Plans

Authority employees participate in a contributory, defined benefit public employee retirement system: the State of New Jersey Public Employee's Retirement System (PERS).

Public Employees' Retirement System (PERS)

Plan Description

The State of New Jersey, Public Employees' Retirement System (PERS) is a cost-sharing multiple-employer defined benefit pension plan administered by the State of New Jersey, Division of Pensions and Benefits (the Division). For additional information about the PERS, please refer to the Division's Comprehensive Annual Financial Report (CAFR) which can be found at www.state.nj.us/treasury/pensions/financial-reports.shtml.

Benefits Provided

The vesting and benefit provisions are set by N.J.S.A. 43:15A. PERS provides retirement, death and disability benefits. All benefits vest after ten years of service, except for medical benefits, which vest after 25 years of service or under the disability provisions of PERS.

The following represents the membership tiers for PERS:

Tier	Definition
1	Members who were enrolled prior to July 1, 2007
2	Members who were eligible to enroll on or after July 1, 2007 and prior to November 2, 2008
3	Members who were eligible to enroll on or after November 2, 2008 and prior to May 22, 2010
4	Members who were eligible to enroll on or after May 22, 2010 and prior to June 28, 2011
5	Members who were eligible to enroll on or after June 28, 2011

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 12 - Pension Plans (Cont'd)

Benefits Provided (Cont'd)

Service retirement benefits of 1/55th of final average salary for each year of service credit is available to Tiers 1 and 2 members upon reaching age 60 and to Tier 3 members upon reaching age 62. Service retirement benefits of 1/60th of final average salary for each year of service credit is available to Tier 4 members upon reaching age 62 and to Tier 5 members upon reaching age 65. Early retirement benefits are available to Tiers 1 and 2 members before reaching age 60, to Tiers 3 and 4 with 25 or more years of service credit before age 62 and Tier 5 with 30 or more years of service credit before age 65. Benefits are reduced by a fraction of a percent for each month that a member retires prior to the age at which a member can receive full early retirement benefits in accordance with their respective tier. Tier 1 members can receive an unreduced benefit from age 55 to age 60 if they have at least 25 years of service. Deferred retirement is available to members who have at least 10 years of service credit and have not reached the service retirement age for the respective tier.

Contributions

The contribution policy for PERS is set by N.J.S.A. 43:15A and requires contributions by active members and contributing members. The local employers' contribution amounts are based on an actuarially determined rate which includes the normal cost and unfunded accrued liability. Chapter 19, P.L. 2009 provided an option for local employers of PERS to contribute 50% of the normal and accrued liability contribution amounts certified for payments due in State fiscal year 2009. Such employers will be credited with the full payment and any such amounts will not be included in their unfunded liability. The actuaries will determine the unfunded liability of those retirement systems, by employer, for the reduced normal and accrued liability contributions provided under this law. This unfunded liability is being paid by the employer in level annual payments over a period of 15 years, which began with the payments due in the fiscal year ended June 30, 2012 and will be adjusted by the rate of return on the actuarial value of assets. Authority contributions to PERS amounted to \$382,083 for 2018.

The employee contribution rate was 7.34% effective July 1, 2017 and increased to 7.50% effective July 1, 2018. Subsequent increases after October 1, 2011 were being phased in over 7 years effective on each July 1st to bring the total pension contribution rate to 7.5% of base salary as of July 1, 2018.

Pension Liabilities and Pension Expense

At June 30, 2018, the Authority's liability was \$8,018,724 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2017 which was rolled forward to June 30, 2018. The Authority's proportion of the net pension liability was based on a projection of the Authority's long-term share of contributions to the pension plan relative to the projected contributions of all participating members, actuarially determined. At June 30, 2018, the Authority's proportion was 0.0407%, which was a decrease of 0.0002% from its proportion measured as of June 30, 2017.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 12 - Pension Plans (Cont'd)

Pension Liabilities and Pension Expense (Cont'd)

For the year ended December 31, 2018, the Authority recognized actual pension expense in the amount of \$319,380.

At June 30, 2018, the Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>Deferral</u> <u>Year</u>	<u>Amortization</u> <u>Period</u> <u>in Years</u>	<u>Deferred</u> <u>Outflows of</u> <u>Resources</u>	<u>Deferred</u> <u>Inflows of</u> <u>Resources</u>
Changes in Assumptions	2014	6.44	\$ 63,469	
	2015	5.72	286,459	
	2016	5.57	971,425	
	2017	5.48		\$ 1,478,191
	2018	5.63		1,085,771
			<u>1,321,353</u>	<u>2,563,962</u>
Changes in Proportion	2014	6.44	34,659	
	2015	5.72		201,045
	2016	5.57	196,192	
	2017	5.48		391,260
	2018	5.63		37,546
			<u>230,851</u>	<u>629,851</u>
Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	2015	5.00		(48,455)
	2016	5.00		(270,885)
	2017	5.00		243,810
	2018	5.00		150,746
				<u>75,216</u>
Difference Between Expected and Actual Experience	2015	5.72	79,477	
	2016	5.57	29,480	
	2017	5.48	43,961	
	2018	5.63		41,347
			<u>152,918</u>	<u>41,347</u>
Authority Contribution Subsequent to the Measurement Date	2018	1.00	406,914	
			<u>\$ 2,112,036</u>	<u>\$ 3,310,376</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources (excluding employer specific amounts including changes in proportion and the Authority contribution subsequent to the measurement date) related to pensions will be recognized in pension expense as follows:

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 12 - Pension Plans (Cont'd)

Pension Liabilities and Pension Expense (Cont'd)

June 30,	Total
2019	\$ 55,654
2020	(77,054)
2021	(552,539)
2022	(478,949)
2023	(153,366)
	\$ (1,206,254)

Actuarial Assumptions

The total pension liability for the June 30, 2018 measurement date was determined by an actuarial valuation as of July 1, 2017 which was rolled forward to June 30, 2018. This actuarial valuation used the following actuarial assumptions:

Inflation Rate	2.25%
Salary Increases:	
Through 2026	1.65 – 4.15% based on age
Thereafter	2.65 – 5.15% based on age
Investment Rate of Return	7.00%

Pre-retirement mortality rates were based on the RP-2000 Employee Pre-retirement Mortality Table for male and female active participants. For local employees, mortality tables are set back 2 years for males and 7 years for females. In addition, the tables provide for future improvements in mortality from the base year of 2013 using a generational approach based on the Conduent modified 2014 projection scale. Post-retirement mortality rates were based on the RP-2000 Combined Healthy Male and Female Mortality Tables (set back 1 year for males and females) for service retirements and beneficiaries of former members. In addition, the tables for service retirements and beneficiaries of former members provide for future improvements in mortality from 2012 to 2013 using Projection Scale AA and a generational approach based on the plan actuary's modified MP-2014 projection scale thereafter. Disability retirement rates used to value disabled retirees were based on the RP-2000 Disabled Mortality Table (set back 3 years for males and set forward one year for females).

The actuarial assumptions used in the July 1, 2017 valuation were based on the results of an actuarial experience study for the period July 1, 2011 to June 30, 2014. It is likely that future experience will not exactly conform to these assumptions. To the extent that actual experience deviates from these assumptions, the emerging liabilities may be higher or lower than anticipated. The more the experience deviates, the larger the impact on future financial statements.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 12 - Pension Plans (Cont'd)

Long Term Expected Rate of Return

In accordance with State statute, the long-term expected rate of return on pension plan investments (7.00% at June 30, 2018) is determined by the State Treasurer, after consultation with the Directors of the Division of Investments and Division of Pensions and Benefits, the Board of Trustees and the actuaries. The long-term expected rate of return was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan 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. Best estimates of arithmetic real rates of return for each major asset class included in PERS' target asset allocation as of June 30, 2018 are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Risk Management Strategies	5.00%	5.51%
Cash Equivalents	5.50%	1.00%
U.S. Treasuries	3.00%	1.87%
Investment Grade Credit	10.00%	3.78%
High Yield	2.50%	6.82%
Global Diversified Credit	5.00%	7.10%
Credit Oriented Hedge Funds	1.00%	6.60%
Debt Related Private Equity	2.00%	10.63%
Debt Related Real Estate	1.00%	6.61%
Private Real Asset	2.50%	11.83%
Equity Related Real Estate	6.25%	9.23%
U.S. Equity	30.00%	8.19%
Non-U.S. Developed Market Equit	11.50%	9.00%
Emerging Markets Equity	6.50%	11.64%
Buyouts/Venture Capital	8.25%	13.08%

Discount Rate

The discount rate used to measure the total pension liability was 5.66% as of June 30, 2018. This single blended discount rate was based on the long-term expected rate of return on pension plan investments of 7.00% and a municipal bond rate of 3.87% as of June 30, 2018 based on the Bond Buyer Go 20 Bond Municipal Bond Index which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made based upon the contribution rate in the most recent fiscal year. The local employers contributed 100% of their actuarially determined contributions.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 12 - Pension Plans (Cont'd)

Discount Rate

Based on those assumptions, the plan's fiduciary net position was projected to be available to make projected future benefit payments of current plan members through June 30, 2046. Therefore, the long-term expected rate of return on plan investments was applied to projected benefit payments through June 30, 2046, and the municipal bond rate was applied to projected benefit payments after that date in determining the total pension liability.

Sensitivity of the Authority's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents the Authority's proportionate share of the collective net pension liability as of June 30, 2018 calculated using the discount rate as disclosed below, as well as what the Authority's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	June 30, 2018		
	At 1% Decrease ▼ (4.66%)	At Current Discount Rate ▼ (5.66%)	At 1% Increase ▼ (6.66%)
Authority's proportionate share of the Net Pension Liability	\$ 10,082,622	\$ 8,018,724	\$ 6,287,246

Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in the separately issued PERS financial statements.

Note 13 - Post-Employment Benefits Other Than Pensions (OPEB)

A. State Health Benefit Local Government Retired Employees Plan

General Information about the OPEB Plan

Plan Description

The State Health Benefit Local Government Retired Employees Plan (the Plan) is a cost sharing multiple employer defined benefit other postemployment benefit (OPEB) plan with a special funding situation. It covers employees of local government employers that have adopted a resolution to participate in the Plan. The plan meets the definition of an equivalent arrangement as defined in paragraph 4 of GASB Statement No. 75, *Accounting and Financial Reporting for the Postemployment Benefits Other Than Pensions*; therefore, assets are accumulated to pay associated benefits. For additional information about the Plan, please refer to the State of New Jersey (the State), Division of Pensions and Benefits' (the Division) Comprehensive Annual Financial Report (CAFR), which can be found at <https://www.state.nj.us/treasury/pensions/financial-reports.shtml>.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 13 - Post-Employment Benefits Other Than Pensions (OPEB) (Cont'd)

A. State Health Benefit Local Government Retired Employees Plan (Cont'd)

Benefits Provided

The Plan provides medical and prescription drug coverage to retirees and their dependents of the participating employers. Under the provisions of Chapter 88, P.L. 1974 and Chapter 48, P.L. 1999, local government employers electing to provide postretirement medical coverage to their employees must file a resolution with the Division. Under Chapter 88, local employers elect to provide benefit coverage based on the eligibility rules and regulations promulgated by the State Health Benefits Commission. Chapter 48 allows local employers to establish their own age and service eligibility for employer paid health benefits coverage for retired employees. Under Chapter 48, the employer may assume the cost of postretirement medical coverage for employees and their dependents who: 1) retired on a disability pension; or 2) retired with 25 or more years of service credit in a State or locally administered retirement system and a period of service of up to 25 years with the employer at the time of retirement as established by the employer; or 3) retired and reached the age of 65 with 25 or more years of service credit in a State or locally administered retirement system and a period of service of up to 25 years with the employer at the time of retirement as established by the employer; or 4) retired and reached age 62 with at least 15 years of service with the employer. Further, the law provides that the employer paid obligations for retiree coverage may be determined by means of a collective negotiation agreement.

The Authority provides its retirees with health benefits which are funded by the Authority for any employee hired on or prior to May 18, 2017 (and in some cases, may be offset by employee contributions). These benefits are negotiated through each bargaining unit's contract. In order to receive fully paid health benefits, retirees must have been enrolled in the Public Employees Retirement System for 25 years and have served 20 consecutive years with the Authority. Retirees receive the same type of health insurance coverage that they were receiving prior to retirement. The annual costs are determined by the provider, per approved schedules in accordance with the insured individual's age and plan status. This represents billings to the Authority on an experience basis.

Contributions

Pursuant to Chapter 78, P.L. 2011, future retirees eligible for postretirement medical coverage who have less than 20 years of creditable service on June 28, 2011 will be required to pay a percentage of the cost of their health care coverage in retirement provided they retire with 25 or more years of pension service credit. The percentage of the premium for which the retiree will be responsible will be determined based on the retiree's annual retirement benefit and level of coverage.

Allocation Methodology

GASB Statement No. 75 requires participating employers in the Plan to recognize their proportionate share of the collective net OPEB liability, collective deferred outflows of resources, collective inflows of resources, and collective OPEB expense. The special funding situation's and nonspecial funding situation's net OPEB liability, deferred outflows of resources, deferred inflows of resources, and OPEB expense are based on separately calculated total OPEB liabilities.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 13 - Post-Employment Benefits Other Than Pensions (OPEB) (Cont'd)

A. State Health Benefit Local Government Retired Employees Plan (Cont'd)

Allocation Methodology (Cont'd)

The nonspecial funding situation's net OPEB liability, deferred outflows of resources, deferred inflows of resources, and OPEB expense are further allocated to employers based on the ratio of the plan members of an individual employer to the total members of the Plan's nonspecial funding situation during the measurement period July 1, 2017 through June 30, 2018. Employer and nonemployer allocation percentages were rounded for presentation purposes; therefore, amounts presented in the schedule of OPEB amounts by employer and nonemployer may result in immaterial differences.

OPEB Expense and Deferred Outflows and Inflows of Resources Related to OPEB

The net OPEB liability as of June 30, 2018 was determined by an actuarial valuation as of June 30, 2017, which was rolled forward to June 30, 2018. At June 30, 2018, the Authority's liability was \$9,832,996 for its proportionate share of the net OPEB liability. At June 30, 2018, the Authority's proportion was 0.063%, which was an increase of 0.006% from its proportion measured as of June 30, 2017.

For the year ended June 30, 2018, the Authority's OPEB expense as determined by the State of New Jersey Division of Pensions and Benefits was \$318,790. The Authority's actual post retirement payments in 2018 for 22 retired employees and 15 spouses were \$481,321.

At June 30, 2018, the Authority had deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferral Year	Amortization Period in Years	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes in Assumptions	2017	8.04		\$ 1,220,199
	2018	8.14		1,274,069
				<u>2,494,268</u>
Changes in Proportion	2017	8.04		1,324,297
	2018	8.14	\$ 1,109,191	
			<u>1,109,191</u>	<u>1,324,297</u>
Net Difference Between Projected and Actual				
Investment Earnings on OPEB Investments	2017	5.00	1,647	
	2018	5.00	3,549	
			<u>5,196</u>	
Difference Between Expected and Actual				
Experience	2018	8.14		1,996,449
			<u>\$ 1,114,387</u>	<u>\$ 5,815,014</u>

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 13 - Post-Employment Benefits Other Than Pensions (OPEB) (Cont'd)

A. State Health Benefit Local Government Retired Employees Plan (Cont'd)

OPEB Expense and Deferred Outflows and Inflows of Resources Related to OPEB (Cont'd)

The amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Fiscal Year Ending June 30,	Total
2019	\$ (658,640)
2020	(658,639)
2021	(658,639)
2022	(659,188)
2023	(660,075)
Thereafter	(1,190,340)
	\$(4,485,521)

Actuarial Assumptions and Other Inputs

The actuarial assumptions vary for each plan member depending on the pension plan the member is enrolled in. This actuarial valuation used the following actuarial assumptions, applied to all periods in the measurement.

Inflation Rate	2.50%
Salary Increases*:	
Through 2026	1.65% - 8.98%
Thereafter	2.65% to 9.98%

* Salary increases are based on the defined benefit plan that the member is enrolled in and his or her age.

Preretirement mortality rates were based on the RP-2006 Headcount-Weighted Healthy Employee Male/Female Mortality Table with fully generational mortality improvement projections from the central year using MP-2017 scale. Postretirement mortality rates were based on the RP-2006 Headcount-Weighted Health Annuitant Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale. Disability mortality was based on the RP-2006 Headcount-Weighted Disabled Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale.

Certain actuarial assumptions used in the June 30, 2017 valuation were based on the results of the pension plans' experience studies for which the members are eligible for coverage under this Plan – the Police and Firemen Retirement System (PFRS) and the Public Employees' Retirement System (PERS). The PFRS and PERS experience studies were prepared for the periods July 1, 2010 to June 30, 2013 and July 1, 2011 – June 30, 2014, respectively.

100% of active members are considered to participate in the Plan upon retirement.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 13 - Post-Employment Benefits Other Than Pensions (OPEB) (Cont'd)

A. State Health Benefit Local Government Retired Employees Plan (Cont'd)

Health Care Trend Assumptions

For pre-Medicare preferred provider organization (PPO) and health maintenance organization (HMO) medical benefits, this trend rate initially is 5.8% and decreases to a 5.0% long term trend rate after eight years. For self-insured post 65 PPO and HMO medical benefits, the trend rate is 4.5%. For prescription drug benefits, the initial trend rate is 8.0% decreasing to a 5.0% long term rate after seven years. The Medicare Advantage trend rate is 4.5% and will continue in all future years.

Discount Rate

The discount rate for June 30, 2018 was 3.87%. This represents the municipal bond rate as chosen by the State. The source is the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. As the long-term rate of return is less than the municipal bond rate, it is not considered in the calculation of the discount rate, rather the discount rate is set at the municipal bond rate.

Sensitivity of the Net OPEB Liability Attributable to the Authority to Changes in the Discount Rate

The following presents the net OPEB Liability of the Authority as of June 30, 2018, calculated using the discount rate as disclosed in this note, as well as what the net OPEB Liability of the Authority would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	June 30, 2018		
	1% Decrease ▼ (2.87%)	Current Discount Rate ▼ (3.87%)	1% Increase ▼ (4.87%)
Authority's proportionate share of the Net OPEB Liability	\$ 11,536,704	\$ 9,832,996	\$ 8,472,119

Sensitivity of the Net OPEB Liability Attributable to the Authority to Changes in the Healthcare Trend Rate

The following presents the net OPEB Liability of the Authority as of June 30, 2018, calculated using the healthcare trend rate as disclosed in this note, as well as what the net OPEB Liability of the Authority would be if it were calculated using a healthcare trend rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	June 30, 2018		
	1% Decrease	Healthcare Cost Trend Rate	1% Increase
Authority's proportionate share of the Net OPEB Liability	\$ 8,202,295	\$ 9,832,996	\$ 11,943,365

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 14 - Prior Period Adjustments

The Authority made a prior year adjustment in the Authority's financial statements to record the net OPEB liability and related deferred outflows and inflows of resources as of December 31, 2017 as a result of implementing Governmental Account Standards ("GASB") Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*.

	Balance 12/31/17		Balance 12/31/17
	As Previously	Retroactive	Balance 12/31/17
	Reported	Adjustments	As Restated
<u>Statement of Net Position:</u>			
Deferred Outflows of Resources			
Related to OPEB	\$ -0-	\$ 2,001	\$ 2,001
Long-Term Liabilities:			
Net OPEB Liability	-0-	11,675,381	11,675,381
Total Long-Term Liabilities	10,287,111	11,675,381	21,962,492
Total Liabilities	15,603,657	11,675,381	27,279,038
Deferred Inflows of Resources			
Related to OPEB	-0-	2,839,420	2,839,420
Net Position:			
Unrestricted/(Deficit)	6,636,463	(14,512,800)	(7,876,337)
Total Net Position	77,342,850	(14,512,800)	62,830,050

REQUIRED SUPPLEMENTARY INFORMATION

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
REQUIRED SUPPLEMENTARY INFORMATION SCHEDULES
SCHEDULE OF AUTHORITY'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY
PUBLIC EMPLOYEES RETIREMENT SYSTEM
LAST FOUR YEARS
UNAUDITED

	December 31,			
	2015	2016	2017	2018
Authority's Proportion of the Net Pension Liability	0.0416135588%	0.0437543056%	0.0409283017%	0.0407258872%
Authority's Proportionate Share of the Net Pension Liability	9,341,410	12,958,770	9,527,454	8,018,724
Authority's Covered Employee Payroll	3,012,524	2,850,329	2,969,533	2,663,260
Authority's Proportionate Share of the Net Pension Liability as a Percentage of its Covered Employee Payroll	310.09%	454.64%	320.84%	301.09%
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	47.93%	40.14%	48.10%	53.60%

Note: This schedule does not contain ten years of information as GASB No. 68 was implemented during the year ended December 31, 2015.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
REQUIRED SUPPLEMENTARY INFORMATION SCHEDULES
SCHEDULE OF AUTHORITY CONTRIBUTIONS
PUBLIC EMPLOYEES RETIREMENT SYSTEM
LAST FOUR YEARS
UNAUDITED

	December 31,			
	2015	2016	2017	2018
Contractually Required Contribution	\$ 371,689	\$ 357,765	\$ 389,738	\$ 382,083
Contributions in relation to the Contractually Required Contribution	<u>(371,689)</u>	<u>(357,765)</u>	<u>(389,738)</u>	<u>(382,083)</u>
Contribution Deficiency (Excess)	<u>\$ - 0 -</u>	<u>\$ - 0 -</u>	<u>\$ - 0 -</u>	<u>\$ - 0 -</u>
Authority's Covered Employee Payroll	\$ 2,982,398	\$ 3,012,524	\$ 2,850,329	\$ 2,969,533
Contributions as a Percentage of Covered Employee Payroll	12.46%	11.88%	13.67%	12.87%

Note: This schedule does not contain ten years of information as GASB No. 68 was implemented during the year ended December 31, 2015.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
REQUIRED SUPPLEMENTARY INFORMATION SCHEDULES
SCHEDULE OF AUTHORITY'S PROPORTIONATE SHARE OF THE NET OPEB LIABILITY
STATE HEALTH BENEFIT LOCAL GOVERNMENT RETIRED EMPLOYEES PLAN
LAST THREE YEARS
UNAUDITED

	Year Ending June 30,		
	2016	2017	2018
Authority's proportion of the net OPEB liability	0.065305%	0.057188%	0.062764%
Authority's proportionate share of the net OPEB liability	\$ 14,182,590	\$ 11,675,381	\$ 9,832,996
Authority's covered employee payroll	\$ 2,850,329	\$ 2,969,533	\$ 2,663,260
Authority's proportionate share of the net OPEB liability as a percentage of its covered employee payroll	497.58%	393.17%	369.21%
Plan fiduciary net position as a percentage of the total OPEB liability	3.47%	4.92%	6.77%

Note: This schedule does not contain ten years of information as GASB No. 75 was implemented during the year ended December 31, 2018.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
REQUIRED SUPPLEMENTARY INFORMATION SCHEDULES
SCHEDULE OF AUTHORITY CONTRIBUTIONS
STATE HEALTH BENEFIT LOCAL GOVERNMENT RETIRED EMPLOYEES PLAN
LAST YEAR
UNAUDITED

	<u>Year Ending June 30, 2018</u>
Contractually required contribution	\$ 481,321
Contributions in relation to the contractually required contribution	<u>(481,321)</u>
Contribution deficiency/(excess)	<u>\$ -0-</u>
Authority's covered employee payroll	\$ 2,663,260
Contributions as a percentage of covered employee payroll	18.07%

Note: This schedule does not contain ten years of information as GASB No. 75 was implemented during the year ended December 31, 2018.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION
FOR THE YEAR ENDED DECEMBER 31, 2018
(UNAUDITED)

A. PUBLIC EMPLOYEES' RETIREMENT SYSTEM

Benefit Changes

There were none.

Changes of Assumptions

The discount rate changed from 5.00% as of June 30, 2017 to 5.66% as of June 30, 2018. The municipal bond rate changed from 3.58% to 3.87%.

B. STATE HEALTH BENEFIT LOCAL GOVERNMENT RETIRED EMPLOYEES PLAN

Benefit Changes

There were none.

Changes of Assumptions

The discount rate changed from 3.58% as of June 30, 2017 to 3.87% as of June 30, 2018.

SUPPLEMENTARY INFORMATION

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
SCHEDULE OF REVENUE AND EXPENSES COMPARED TO BUDGET
YEAR ENDED DECEMBER 31, 2018
WITH COMPARATIVE ACTUAL AMOUNTS FOR THE YEAR ENDED DECEMBER 31, 2017

	2018 Budget	Budget After Modification	2018 Actual	Excess or (Deficit)	(Restated) 2017 Actual
Contribution from Unrestricted Net Position	\$ 94,427	\$ 94,427	*	\$ (94,427)	
Operating Revenue:					
Water Charges:					
Unmetered Sales	\$ 6,899	\$ 6,899	\$ 16,481	\$ 9,582	\$ 14,760
Metered Sales	13,086,044	13,086,044	12,613,930	(472,114)	12,790,737
Bulk Service Invoices	67,116	67,116	81,984	14,868	77,041
Fire Protection	756,044	756,044	782,835	26,791	773,196
Contract Operations	698,070	698,070	631,454	(66,616)	592,344
Water Connection Fees			361,152	361,152	842,305
Other	25,000	25,000	59,034	34,034	34,304
Wet Cut Application Fees	3,000	3,000	3,336	336	3,293
Tap Application Fees	8,000	8,000	96,902	88,902	29,488
Main Extension Inspection Fees			25,810	25,810	44,206
Fines/Penalty Charges	70,000	70,000	57,942	(12,058)	113,987
Leases/Rents	104,000	104,000	120,464	16,464	109,563
Total Operating Revenue	14,824,173	14,824,173	14,851,324	27,151	15,425,224
Nonoperating Revenue:					
Federal Emergency Management Grant			11,145	11,145	
Interest on Investments and Deposits	12,000	12,000	89,250	77,250	27,165
Total Nonoperating Revenue	12,000	12,000	100,395	88,395	27,165
Total Revenue	14,930,600	14,930,600	14,951,719	21,119	15,452,389
Expenses:					
Operating Expenses:					
Administration Expenses:					
Salaries and Wages:					
General Administration	(549,400)	(549,400)	(551,965)	(2,565)	(449,165)
IT Administration	(232,800)	(232,800)	(219,010)	13,790	(184,308)
Financial Operations	(579,700)	(579,700)	(604,131)	(24,431)	(594,967)
Administration Division	(471,300)	(471,300)	(402,670)	68,630	(459,059)
Employee Benefits:					
Dental Benefits	(33,400)	(33,400)	(21,351)	12,049	(21,732)
Vision Benefits	(2,100)	(2,100)	(915)	1,185	(980)
Medical Benefits	(1,287,700)	(1,287,700)	(1,063,384)	224,316	(1,036,341)
Social Security Tax	(273,300)	(273,300)	(262,173)	11,127	(239,101)
Public Employees' Retirement System	(397,600)	(397,600)	(306,031)	91,569	(15,081,671)
Accumulated Sick Time	(40,000)	(40,000)	(11,139)	28,861	(35,949)
Other Expenses:					
General Administration	(381,300)	(381,300)	(381,274)	26	(327,509)
IT Administration	(345,900)	(345,900)	(275,072)	70,828	(266,795)
Financial Operations	(176,800)	(176,800)	(134,831)	41,969	(111,063)
Customer Service and Collection	(132,600)	(132,600)	(85,900)	46,700	(124,207)

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
SCHEDULE OF REVENUE AND EXPENSES COMPARED TO BUDGET
YEAR ENDED DECEMBER 31, 2018
WITH COMPARATIVE ACTUAL AMOUNTS FOR THE YEAR ENDED DECEMBER 31, 2017
(Continued)

	2018 Budget	Budget After Modification	2018 Actual	Excess or (Deficit)	2017 Actual
Expenses: (Cont'd):					
Operating Expenses: (Cont'd)					
Cost of Providing Services:					
Salaries and Wages:					
Transmission and Distribution	\$ (1,092,700)	\$ (1,242,700)	\$ (1,244,359)	\$ (1,659)	\$ (991,526)
Treatment and Pumping Division	(390,800)	(390,800)	(388,795)	2,005	(493,715)
Water Quality	(227,100)	(227,100)	(237,183)	(10,083)	(187,448)
Health, Safety and Security	(69,700)	(69,700)	(71,976)	(2,276)	(72,522)
Other Expenses:					
Administration Division	(2,738,300)	(2,488,300)	(2,470,592)	17,708	(2,318,731)
Transmission and Distribution	(855,200)	(955,200)	(883,328)	71,872	(556,673)
Treatment and Pumping Division	(693,700)	(693,700)	(617,512)	76,188	(319,118)
Water Quality	(322,400)	(322,400)	(253,401)	68,999	(171,744)
Services and Meter Division	(21,000)	(21,000)	(2,196)	18,804	(5,462)
Field Support/Construction Division	(5,000)	(5,000)		5,000	(203)
Health, Safety and Security	(121,100)	(121,100)	(113,946)	7,154	(163,150)
Insurance and Taxes	(995,700)	(995,700)	(679,087)	316,613	(724,373)
Total Operating Expenses	<u>(12,436,600)</u>	<u>(12,436,600)</u>	<u>(11,282,221)</u>	<u>1,154,379</u>	<u>(24,937,512)</u>
Debt Service:					
Loan Principal	(1,686)	(1,686)	(1,686)		(1,606)
Loan Interest	(28,314)	(28,314)	(28,314)		(28,394)
Total Debt Service Expenses	<u>(30,000)</u>	<u>(30,000)</u>	<u>(30,000)</u>		<u>(30,000)</u>
Depreciation Expense	<u>(2,464,000)</u>	<u>(2,464,000)</u>	<u>(1,836,199)</u>	<u>627,801</u>	<u>(1,778,100)</u>
Anticipated Surplus					*
Total Costs Funded by Operating Revenue	<u>(14,930,600)</u>	<u>(14,930,600)</u>	<u>(13,148,420)</u>	<u>1,782,180</u>	<u>(26,745,612)</u>
Operating Excess/(Deficit)	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ 1,803,299</u>	<u>\$ 1,803,299</u>	<u>\$ (11,293,223)</u>

* The anticipated surplus was not realized.

PART III
GOVERNMENT AUDITING STANDARDS SECTION

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED DECEMBER 31, 2018

Federal Department	Federal Program	C.F.D.A. Account Number	State Program Account Number	Grant Award	Grant Period		Grant Receipts	Grant Expenditures	MEMO Cumulative Total Expenditures	Provided to Subrecipients
					From	To				
<u>U.S. Department of Homeland Security:</u>										
(Passed through N.J. Department of Law and Public Safety)	Disaster Grants - Public Assistance - FEMA: State Police	97.036	100-066-1200- C27-YEMR-6120	\$ 11,145	01/01/18	12/31/18	\$ 11,145	\$ 11,145	\$ 11,145	_____
Total U.S. Department of Homeland Security							11,145	11,145	11,145	_____
TOTAL FEDERAL AWARDS							<u>\$ 11,145</u>	<u>\$ 11,145</u>	<u>\$ 11,145</u>	<u>\$ - 0 -</u>

SEE ACCOMPANYING NOTES TO SCHEDULES OF EXPENDITURES OF FEDERAL AND STATE AWARDS

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
SCHEDULE OF EXPENDITURES OF STATE AWARDS
YEAR ENDED DECEMBER 31, 2018

NOT APPLICABLE

SEE ACCOMPANYING NOTES TO SCHEDULES OF EXPENDITURES OF FEDERAL AND STATE AWARDS

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
NOTES TO REQUIRED SUPPLEMENTARY INFORMATION
FOR THE YEAR ENDED DECEMBER 31, 2018
(UNAUDITED)

Note 1. BASIS OF PRESENTATION

The accompanying schedules of expenditures of federal and state awards (the “schedules”) include the federal and state grant activity of the Morris County Municipal Utilities Authority (the “Authority”) under programs of the federal and state governments for the year ended December 31, 2018. The information in these schedules is presented in accordance with the requirements of the Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (“Uniform Guidance”) and New Jersey’s OMB Circular 15-08, *Single Audit Policy for Recipients of Federal Grants, State Grants and State Aid*. Because the schedules present only a selected portion of the operations of the Authority, they are not intended to and do not present the financial position, changes in net position or cash flows of the Authority.

Note 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported on the accompanying schedules of expenditures of federal and state awards are reported on the cash basis of accounting. Such expenditures are recognized following the cost principles contained in Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts, if any, shown on the Schedules represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Pass-through identifying numbers are presented where available. The Authority has elected not to use the 10 percent de minimis indirect cost rate as allowed under the Uniform Guidance.

Note 3. RELATIONSHIP TO FEDERAL AND STATE FINANCIAL REPORTS

Amounts reported in the accompanying schedules agree with the amounts reported in the related federal and state financial reports, as applicable.

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

Independent Auditors' Report

The Honorable Chairman and Members
of The Southeast Morris County
Municipal Utilities Authority
Cedar Knolls, NJ

We have audited, in accordance with auditing standards generally accepted in the United States of America, audit requirements prescribed by the Division of Local Government Services, Department of Community Affairs, State of New Jersey ("the Division"), and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of The Southeast Morris County Municipal Utilities Authority (the "Authority") as of and for the year ended December 31, 2018, and the related notes to the financial statements, which comprise the Authority's financial statements, and have issued our report thereon dated July 15, 2019.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Authority's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

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

Our consideration of the 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 determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

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

Nisivoccia, LLP

Mount Arlington, New Jersey
July 15, 2019

NISIVOCCIA, LLP

Kathryn L. Mantell

Kathryn L. Mantell
Registered Municipal Accountant #447
Certified Public Accountant

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
SCHEDULE OF FINDINGS AND RESPONSES
YEAR ENDED DECEMBER 31, 2018

Summary of Auditors' Results:

- The Independent Auditors' Report expresses an unmodified opinion on the financial statements of the Authority.
- There were no material weaknesses or significant deficiencies disclosed during the audit of the financial statements as reported in the *Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards*.
- No instances of noncompliance material to the financial statements of the Authority which would be required to be reported in accordance with *Government Auditing Standards*, were disclosed during the audit.
- The Authority was not subject to the single audit provisions of the Uniform Guidance and New Jersey's OMB Circular 15-08 for the year ended December 31, 2018 as Federal grant expenditures were less than the single audit threshold of \$750,000 identified in the Uniform Guidance and New Jersey's OMB 15-08.

Findings Relating to the Financial Statements which are required to be Reported in Accordance with Generally Accepted Government Auditing Standards:

- The audit did not disclose any findings required to be reported under Generally Accepted Government Auditing Standards.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
FOR THE YEAR ENDED DECEMBER 31, 2018

Status of Prior Year Audit Findings:

There were no prior year audit findings.

PART IV
COMMENTS AND RECOMMENDATIONS SECTION

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
COMMENTS AND RECOMMENDATIONS

Contracts and Agreements Required to be Advertised Per N.J.S. 40A:11-4 et seq.

N.J.S. 40A:11-3 states:

a. " When the cost or price of any contract awarded by the contracting agent in the aggregate does not exceed in a contract year the total sum of \$17,500, the contract may be awarded by a purchasing agent when so authorized by ordinance or resolution, as appropriate to the contracting unit, of the governing body of the contracting unit without public advertising for bids, except that the governing body of any contracting unit may adopt an ordinance or resolution to set a lower threshold for the receipt of public bids or the solicitation of competitive quotations. If the purchasing agent is qualified pursuant to subsection b. of section 9 of P.L. 1071, c.198 (C.40A:11-9), the governing body of the contracting unit may establish that the bid threshold may be up to \$25,000. Such authorization may be granted for each contract or by a general delegation of the power to negotiate and award such contracts pursuant to this section.

b. Any contract made pursuant to this section may be awarded for a period of 24 consecutive months, except that contracts for professional services pursuant to subparagraph (i) of paragraph (a) of subsection (1) of section 5 of P.L. 1971, c.198 (C.40A: 11-5) may be awarded for a period not exceeding 12 consecutive months. The Division of Local Government Services shall adopt and promulgate rules and regulations concerning the methods of accounting for all contracts that do not coincide with the contracting unit's fiscal year.

c. The Governor, in consultation with the Department of the Treasury, shall, no later than March 1 of every fifth year beginning in the fifth year after the year in which P.L.1999, c.440 takes effect, adjust the threshold amount and the higher threshold amount which the governing body is permitted to establish, as set forth in subsection a. of this section, or the threshold amount resulting from any adjustment under this subsection, in direct proportion to the rise or fall of the index rate as that term is defined in section 2 of P.L.1971, c.198 (C.40A11-2), and shall round the adjustment to the nearest \$1,000. The Governor shall, no later than June 1 of every fifth year, notify each governing body of the adjustment. The adjustment shall become effective on July 1 of the year in which it is made."

N.J.S. 40A: 11-4 states: "Every contract awarded by the contracting agent for the provision or performance of any goods or services, the cost of which in the aggregate exceeds the bid threshold, shall be awarded only by resolution of the governing body of the contracting unit to the lowest responsible bidder after public advertising for bids and bidding therefore, except as is provided otherwise in this act or specifically by any other law. The governing body of a contracting unit may, by resolution approved by a majority of the governing body and subject to subsections b. and c. of this section, disqualify a bidder who would otherwise be determined to be the lowest responsible bidder, if the governing body finds that it has had prior negative experience with the bidder."

Effective July 1, 2015 the bid threshold in accordance with N.J.S.A. 40A:11-3 and 40A:11-4 (as amended) is \$17,500, and with a qualified purchasing agent the threshold may be up to \$40,000.

The minutes indicated that resolutions were adopted authorizing the awarding of contracts or agreements for "Professional Services", per N.J.S. 40A:11-5.

Inasmuch as the system of records did provide for an accumulation of payments for categories for the performance of any work or the furnishing or hiring of any materials or supplies, the results of such an accumulation could not reasonably be ascertained. Disbursements were reviewed, however, to determine whether any clear-cut violations existed. None were noted.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
COMMENTS AND RECOMMENDATIONS
(Continued)

Financial Reporting

Our audit procedures revealed that the Authority's general ledger did not tie to subsidiary ledgers (detailed reports) for several different balance sheet items, such as other accounts receivable, accounts payable, payroll deductions payable, accrued wages payable, and current year expenditures. Upon review, it appears that the inconsistencies are attributable to the sensitivity of the date the report is requested, the parameters that are used when requesting the report, the approval date of payments versus the payment date and incomplete linking of revenue accounts. The Authority's Chief Financial Officer has been in contact with the software vendor numerous times and has made many attempts to correct the situation. Adjusting journal entries were made at year end in order to bring the general ledger and subsidiary ledgers into agreement.

Recommendation

It is recommended that the Authority consider obtaining a more suitable version of its financial software to ensure that all activity in the general ledger agrees to the subsidiary ledgers.

Management's Response

The Authority will continue to ensure that all activity in the general ledger agrees to the subsidiary ledgers.

Water Billing/Accounts Receivable

During our testing of water charges receivable, we determined that collections were not being adjusted correctly for consumer returned checks and refunds. Returned checks and refunds were reflected as additional billings; therefore billings and cash receipts were overstated.

Recommendation

It is recommended that consumer returned checks are properly reversed and reflected in the consumer accounts receivable summary.

Management's Response

The Authority will properly reflect consumer returned checks in the water billings, collections and accounts receivable summary.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
COMMENTS AND RECOMMENDATIONS
(Continued)

Suggestions to Management

Capital Assets

The capital asset inventory has been updated annually with additions and deletions, and inventory control numbers have been assigned to all assets in the inventory report. However, inventory control tags have not been created or affixed to all moveable assets. We suggest that the Authority review the existing capital asset inventory and ensure that all moveable capital assets bear an inventory control (number) tag. The Authority will evaluate the need to purchase a software program to electronically maintain the inventory and tagging system or establish a comparable way of tracking moveable assets.

Budget Transfers

The Authority made appropriate transfers during the year; however, certain year-end accruals for accrued wages payable, compensated absences payable, GASB 68 (recording pensions) and GASB 75 (recording OPEB) caused certain salary and wage line-items to be overexpended by \$41,014. Since some of these costs are attributable to future budget years and not solely the current budget year, a formal audit recommendation is deemed to be unwarranted.

Status of Prior Year Recommendations

The prior year recommendation regarding the activity in the general ledger agreeing to subsidiary ledgers and consumer returned checks being properly reversed and reflected in the consumer accounts receivable summary have not been resolved and are included as current year recommendations.

THE SOUTHEAST MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY
SUMMARY OF RECOMMENDATIONS

It is recommended that:

1. The Authority consider obtaining a more suitable version of its financial software to ensure that all activity in the general ledger agrees to the subsidiary ledgers.
2. Consumer returned checks are properly reversed and reflected in the consumer accounts receivable summary.

* * * * *