

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**

**Financial Statements and Supplementary Information**

**For the years ended December 31, 2019 and 2018**

**(With Independent Auditor's Report thereon)**

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**  
**Financial Statements and Supplementary Data**  
**For the years ended December 31, 2019 and 2018**

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## INDEPENDENT AUDITOR'S REPORT

The Chairman and Commissioners  
of the Toms River Municipal Utilities Authority  
County of Ocean  
Toms River, New Jersey 08753

### Report on the Financial Statements

We have audited the accompanying financial statements of business-type activities of the Toms River Municipal Utilities Authority, a component unit of the Township of Toms River, County of Ocean, State of New Jersey, as of and for the years ended December 31, 2019 and 2018 and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### *Auditor's 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 and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and in compliance with audit standards prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey. 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 entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

## **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities of the Toms River Municipal Utilities Authority, a component unit of the Township of Toms River, County of Ocean, State of New Jersey, as of December 31, 2019 and 2018 and the respective change in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

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

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Toms River Municipal Utilities Authority's basic financial statements. The accompanying schedules of revenues and expenses – budget to actual as listed in the table of contents, are presented for purposes of additional analysis as required by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, and are not a required part of the basic financial statements.

The accompanying schedules of revenues and expenses – budget to actual is the responsibility of management and were derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting 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 accompanying schedules of revenues and expenses – budget to actual is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

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

In accordance with *Government Auditing Standards*, we have also issued our report dated June 26, 2020 on our consideration of the Authority's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the 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.

Respectfully Submitted,

**HOLMAN FRENIA ALLISON, P.C.**  
*Certified Public Accountants*

June 26, 2020  
Toms River, New Jersey

**INDEPENDENT AUDITOR'S 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**

The Chairman and Commissioners  
of the Toms River Municipal Utilities Authority  
County of Ocean  
Toms River, New Jersey 08753

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States and audit requirements as prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, the financial statements of the business-type activities of the Toms River Municipal Utilities Authority (herein referred to as "the Authority") as of and for the year ended December 31, 2019, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements and have issued our report thereon dated June 26, 2020.

**Internal Control Over Financial Reporting**

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

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

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. 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 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* or audit requirements as prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey.

## **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Audit Standards* and audit requirements as prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Respectfully Submitted,

**HOLMAN FRENIA ALLISON, P.C.**  
*Certified Public Accountants*

June 26, 2020  
Toms River, New Jersey



## TOMS RIVER MUNICIPAL UTILITIES AUTHORITY

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Tariq M. Siddiqui, Vice-Chairman	Ben A. Montenegro, Commissioner
Deborah L. Clement, Commissioner	Alfonso J. Manforti, Alternate Commissioner
Joseph G. Bilotta, Alternate Commissioner	Robert J. DiBiase, Executive Director

June 26, 2020

Board of Commissioners of  
Toms River Municipal Utilities Authority  
County of Ocean  
Toms River, New Jersey

The Management's Discussion and Analysis (MD&A) provides an overview and analysis of Toms River Municipal Utilities Authority's (the Authority) financial activities for the fiscal years ended December 31, 2019 and 2018 and as compared to the prior year. It should be read in conjunction with the accompanying financial statements.

### **Financial Statements**

The financial statements included in this report are the Statements of Net Position, Statements of Revenues, Expenses and Changes in Net Position, and Statements of Cash Flows for the years ended December 31, 2019 and 2018.

The Statements of Net Position show the financial position of the Authority at December 31st of each year. Assets are compared with liabilities and net position is the result.

The Statements of Revenues, Expenses and Change in Net Position measure performance for each year and how this performance impacts net position.

Finally, the Statements of Cash Flows demonstrates why cash balances increased or decreased during the two years.

### **Financial Analysis**

The Authority, at December 31, 2019, had total assets and deferred outflows of resources of \$68,061,058 compared to \$69,185,165 and \$71,575,432 at December 31, 2018 and 2017, respectively. The changes from year to year are primarily due to the depreciation of capital assets and changes in the actuarial adjustments related to GASB Statement's No. 68 and 75.

The Authority, at December 31, 2019, had total liabilities and deferred inflows of resources of \$36,113,696 compared to \$34,490,872 and \$30,116,215 at December 31, 2018 and 2017, respectively. The changes from year to year are primarily due to the repayment of long-term debt and changes in the actuarial adjustments related to GASB Statement's No. 68 and 75.

The Authority, at December 31, 2019, had a total net position of \$31,947,362 compared to \$34,694,293 and \$41,459,217 at December 31, 2018 and 2017, respectively. The decrease from year to year can be primarily attributed to the Authority's implementation of GASB Statement No. 75 in 2018 and the change in net position each year.



## Condensed Financial Information

Key Authority Financial Information include the following balances:

### **Financial Position:**

	<u>2019</u>	<u>2018</u>	<u>2017</u>
<b>ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>			
Current unrestricted assets	\$ 8,486,361	\$ 7,991,938	\$ 6,355,315
Current restricted assets	4,155,803	4,418,137	11,704,583
Capital assets, net	<u>52,190,310</u>	<u>54,596,671</u>	<u>50,613,858</u>
Total assets	<u>64,832,474</u>	<u>67,006,746</u>	<u>68,673,756</u>
Deferred outflows of resources	<u>3,228,584</u>	<u>2,178,419</u>	<u>2,901,676</u>
Total assets and deferred outflow of resources	<u>\$ 68,061,058</u>	<u>\$ 69,185,165</u>	<u>\$ 71,575,432</u>
<b>LIABILITIES AND DEFERRED INFLOWS OF RESOURCES</b>			
Current unrestricted liabilities	\$ 3,931,993	\$ 3,937,305	\$ 3,499,943
Current restricted liabilities	2,949,043	2,319,565	2,324,244
Long-term liabilities	<u>26,257,644</u>	<u>25,411,806</u>	<u>22,275,343</u>
Total liabilities	<u>33,138,680</u>	<u>31,668,676</u>	<u>25,443,727</u>
Deferred inflow of resources	<u>2,975,016</u>	<u>2,822,196</u>	<u>2,016,685</u>
Total liabilities and deferred inflow of resources	<u>36,113,696</u>	<u>34,490,872</u>	<u>30,116,215</u>
<b>NET POSITION</b>			
Investments in capital assets, net of related debt	44,500,387	46,878,788	42,710,130
Unrestricted net position	<u>(12,553,025)</u>	<u>(12,184,495)</u>	<u>(1,250,913)</u>
Total net position	<u>31,947,362</u>	<u>34,694,293</u>	<u>41,459,217</u>
Total liabilities, deferred inflows of resources and net position	<u>\$ 68,061,058</u>	<u>\$ 69,185,165</u>	<u>\$ 71,575,432</u>

	<u>2019</u>	<u>2018</u>	<u>2017</u>
Total revenues	\$ 20,904,538	\$ 24,294,926	\$ 19,379,068
Total expenses	<u>23,651,469</u>	<u>(21,651,725)</u>	<u>(20,709,096)</u>
Net income/(loss)	<u>\$ (2,746,931)</u>	<u>\$ 2,643,201</u>	<u>\$ (1,330,028)</u>
Capital spending	\$ 2,302,479	\$ 6,542,767	\$ 5,233,417
Capital contributions	117,977	84,636	82,561
Connection fees	752,128	719,206	791,669
Bonds paid down	636,503	616,107	611,107
Bonds payable, net	7,168,279	7,818,037	8,453,540

Authority revenues were \$746,347 over budgeted for 2019 and \$682,286 over budgeted for 2018. For 2019 and 2018, this was primarily due to sewer revenues, connection fees and delinquent charges being favorable compared to budget.

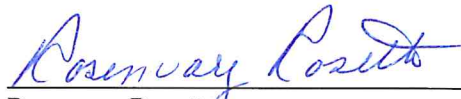
Due to Super Storm Sandy devastations, in 2013 the Authority was awarded \$4,679,306 through the Community Disaster Loan based on a 5 year estimate of loss revenue. To date, the Authority received a disbursement of \$2,359,650 in October 2013 and \$2,319,656 in August 2015. A cancellation request was applied for and in April 2018, the Authority was approved by FEMA for a partial cancellation of \$4,637,645 of the Community Disaster Loan principal balance. During the year ended December 31, 2018, the Authority recognized \$4,761,989 in loan principal and interest forgiveness.

The Authority's financial report is designed to provide users of the financial statements with a general overview of the Authority's finances and to show the Authority's accountability for the money it receives. The financial statements of the Authority are a matter of public record and may be examined at 340 West Water Street, Toms River, New Jersey during the Authority's business hours.

Respectfully Submitted



Robert DiBiase  
Executive Director



Rosemary Rosetto  
CFO

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**

**Statements of Net Position**  
**December 31, 2019 and 2018**

<b>ASSETS</b>	<b>2019</b>	<b>2018</b>
Current unrestricted assets:		
Cash (Note 2)	\$ 6,265,933	\$ 5,957,935
Accounts receivable (Note 4)	1,961,553	1,802,920
Inventory	230,124	210,762
Prepaid expenses	28,751	20,321
Total current unrestricted assets	<u>8,486,361</u>	<u>7,991,938</u>
Current restricted assets:		
Restricted cash and investments:		
Rate stabilization:		
Cash (Note 2)	633,546	663,939
Investments (Note 3)	867,271	1,123,553
Interest receivable	616	765
System renovation:		
Cash (Note 2)	318,323	212,548
Investments (Note 3)	323,407	396,504
Interest receivable	225	296
Other restricted funds:		
Cash (Note 2)	1,233,841	1,248,051
Operating:		
Cash (Note 2)	750,000	750,000
Due from NJ Infrastructure Bank	28,574	22,481
Total current restricted assets	<u>4,155,803</u>	<u>4,418,137</u>
Capital assets (Note 6)	141,268,122	138,965,642
Less: accumulated depreciation (Note 6)	(89,077,812)	(84,368,971)
Capital assets, net	<u>52,190,310</u>	<u>54,596,671</u>
Total assets	<u>64,832,474</u>	<u>67,006,746</u>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Deferred outflows related to pensions (Note 9)	1,793,488	2,100,746
Deferred outflows related to OPEB (Note 8)	1,364,484	-
Deferred outflows related to loss on bond refunding, net of accumulated amortization (Note 7)	<u>70,612</u>	<u>77,673</u>
Total deferred outflow of resources	<u>3,228,584</u>	<u>2,178,419</u>
Total assets and deferred outflow of resources	<u><u>\$ 68,061,058</u></u>	<u><u>\$ 69,185,165</u></u>

The accompanying notes are an integral part of this statement.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**  
**Statements of Net Position (continued)**  
**December 31, 2019 and 2018**

	<u>2019</u>	<u>2018</u>
<b>LIABILITIES</b>		
Current unrestricted liabilities:		
Accounts payable	\$ 501,307	\$ 559,823
Accrued expenses (Note 7)	120,779	107,812
Deposits on connection fees	4,295	4,295
Unearned revenue (Note 7)	3,305,612	3,265,375
Total current unrestricted liabilities	<u>3,931,993</u>	<u>3,937,305</u>
Current restricted liabilities:		
Current portion of bonds payable - NJIB (Note 7)	641,503	636,503
Construction loan payable - NJIB (Note 7)	620,831	-
Accrued interest payable	32,318	34,970
Escrow performance bonds (Note 7)	1,140,365	1,161,687
Unemployment trust fund	77,591	68,439
Pension payable (Note 9)	436,435	417,966
Total current restricted liabilities	<u>2,949,043</u>	<u>2,319,565</u>
Long-term liabilities:		
Long-term portion of bonds payable - NJIB (Note 7)	6,526,776	7,181,534
Reserve for compensated absences (Note 7)	216,117	213,144
Net other postemployment benefits liability (Note 8)	11,462,033	9,743,545
Net pension liability (Note 9)	8,052,718	8,273,583
Total long-term liabilities	<u>26,257,644</u>	<u>25,411,806</u>
Total liabilities	<u>33,138,680</u>	<u>31,668,676</u>
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Deferred inflows related to pensions (Note 9)	<u>2,975,016</u>	<u>2,822,196</u>
Total deferred inflow of resources	<u>2,975,016</u>	<u>2,822,196</u>
<b>NET POSITION</b>		
Investments in capital assets, net of related debt	44,500,387	46,878,788
Unrestricted net position (Note 14)	<u>(12,553,025)</u>	<u>(12,184,495)</u>
Total net position	<u>31,947,362</u>	<u>34,694,293</u>
Total liabilities, deferred inflows of resources and net position	<u>\$ 68,061,058</u>	<u>\$ 69,185,165</u>

The accompanying notes are an integral part of this statement.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**  
**Statements of Revenues, Expenses and Changes in Net Position**  
**For the years ended December 31, 2019 and 2018**

	<u>2019</u>	<u>2018</u>
Operating revenues:		
Sewerage charges	\$ 19,083,868	\$ 17,963,427
Connection fees	752,128	719,206
Engineering and inspection fees	25,987	31,676
Delinquent charges	334,763	329,535
Miscellaneous	338,642	243,043
Total operating revenues	<u>20,535,388</u>	<u>19,286,887</u>
Operating expenses:		
Administrative expenses	1,920,448	1,895,038
Maintenance and treatment	15,960,144	16,111,380
Depreciation	4,708,841	2,559,953
Total operating expenses	<u>22,589,433</u>	<u>20,566,371</u>
Net loss from operations	<u>(2,054,045)</u>	<u>(1,279,484)</u>
Non-operating revenues (expenses):		
Investment income	146,808	144,305
Realized gain on sale of investments	3,948	4,774
Unrealized gain/(loss) on investments	39,540	(11,728)
Interest expense	(88,653)	(104,793)
Transfer to the Township of Toms River (See Note 11)	(973,383)	(968,833)
Gain on disposal of fixed assets	48,542	-
Capital contributions	117,977	84,636
Amortization of bond premium	12,335	12,335
Total non-operating revenues (expenses)	<u>(692,886)</u>	<u>(839,304)</u>
Change in net position before non-recurring items	(2,746,931)	(2,118,788)
Non-recurring items		
Community disaster loan forgiveness (See Note 12)	<u>-</u>	<u>4,761,989</u>
Change in net position after non-recurring items	(2,746,931)	2,643,201
Net position, January 1, unadjusted	34,694,293	41,459,217
Prior period restatement (Note 13)	-	(9,408,125)
Net position, January 1, restated	<u>34,694,293</u>	<u>32,051,092</u>
Net position, December 31	<u>\$ 31,947,362</u>	<u>\$ 34,694,293</u>

The accompanying notes are an integral part of this statement.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**  
**Statements of Cash Flows**  
**For the years ended December 31, 2019 and 2018**

	<u>2019</u>	<u>2018</u>
<b>Cash flows from operating activities:</b>		
Cash received from service users	\$ 20,435,461	\$ 19,838,645
Cash paid to suppliers and employees	<u>(17,357,743)</u>	<u>(17,451,122)</u>
Net cash flows from operating activities	<u>3,077,718</u>	<u>2,387,523</u>
 <b>Cash flows from investing activities:</b>		
Transfers from investments, net	317,257	946,417
Interest received	190,516	137,598
Acquisition and construction of fixed assets	(2,184,503)	(6,015,885)
Gain on disposal of fixed assets	48,542	-
Net cash flows from investing activities	<u>(1,628,188)</u>	<u>(4,931,870)</u>
 <b>Cash flows from financing activities:</b>		
Payment to Township of Toms River	(973,383)	(968,833)
Repayment of debt	(636,503)	(616,107)
Interest paid	(91,305)	(99,584)
Issuance of debt	620,831	-
Net cash flows from investing activities	<u>(1,080,360)</u>	<u>(1,684,524)</u>
 Change in cash	369,170	(4,228,871)
Unrestricted and restricted cash, January 1	<u>8,832,473</u>	<u>13,061,344</u>
Unrestricted and restricted cash, December 31	<u><u>\$ 9,201,643</u></u>	<u><u>\$ 8,832,473</u></u>
 <b>Reconciliation to Statements of Net Position:</b>		
Current unrestricted assets:		
Cash	\$ 6,265,933	\$ 5,957,935
Current restricted assets:		
Rate stabilization cash	633,546	663,939
System renovation cash	318,323	212,548
Other restricted cash	<u>1,983,841</u>	<u>1,998,051</u>
Unrestricted and restricted cash, December 31	<u><u>\$ 9,201,643</u></u>	<u><u>\$ 8,832,473</u></u>

The accompanying notes are an integral part of this statement.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**  
**Statements of Cash Flows (continued)**  
**For the years ended December 31, 2019 and 2018**

	<u>2019</u>	<u>2018</u>
<b>Reconciliation of net loss to cash flows</b>		
<b>from operating activities:</b>		
Net loss from operations	\$ (2,054,045)	\$ (1,279,484)
Items which did not use cash:		
Depreciation	4,708,841	2,559,953
Unbudgeted pension expense	239,213	225,145
Unbudgeted other postemployment benefit expense	354,004	335,420
Working capital changes which provided (used) cash:		
Accounts receivable	(158,633)	(110,565)
Inventory	(19,362)	9,702
Due from OCUA	-	133,770
Prepaid expenses	(8,430)	(1,216)
Accounts payable	(58,516)	(181,996)
Accrued expenses	12,967	9,786
Deferred sewerage charges	40,237	609,572
Pension payable	18,469	52,751
Reserve for compensated absences	2,973	24,685
	<u>2,973</u>	<u>24,685</u>
Net cash flows from operating activities	<u>\$ 3,077,718</u>	<u>\$ 2,387,523</u>

The accompanying notes are an integral part of this statement.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements**  
**For the years ended December 31, 2019 and 2018**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The financial statements of the Toms River Municipal Utilities Authority (the "Authority") have been prepared to conform with accounting principles generally accepted in the United States of America ("GAAP") as applied to governmental units. The Governmental Accounting Standards Board ("GASB") is the accepted standard setting body for establishing governmental accounting and financial reporting principles. The following is a summary of the more significant of these policies.

**Creation of Authority**

Dover Municipal Utilities Authority, originally named the Dover Sewerage Authority, was created under the Municipal Utilities Law constituting Chapter 143 of the Laws of the State of New Jersey of 1957 (Chapter 14-8, Title 40 of the revised statutes of the State of New Jersey) and was created by an ordinance of the Dover Township Committee on April 26, 1949.

On November 28, 2007, the Authority changed its name to "Toms River Municipal Utilities Authority". The name change was done in conjunction with Dover Township, which had changed its name to the "Township of Toms River".

The Authority provides wastewater collection services to the residents within the territorial limits of Toms River Municipal Utilities Authority's sanitary sewer collection system.

**Component Unit**

The Authority is considered to be a "Component Unit" of the Township of Toms River under GAAP however, the Township of Toms River does not follow GAAP for accounting and financial reporting purposes rather it follows a regulatory basis of accounting, utilizing accounting principles which differ, in some cases significantly, from GAAP. Of particular note is the exclusion from the Township's financial statements of potential component units, based on the separate legal status of these units. Accordingly, the financial statements of the Township do not include the Authority as a component unit.

**Basis of Presentation**

The financial statements of the Authority have been prepared on the accrual basis of accounting and in accordance with generally accepted accounting principles ("GAAP") applicable to enterprise funds of State and Local Governments on a going concern basis.

All activities of the Authority are accounted for within a single proprietary (enterprise) fund. Proprietary funds are used to account for operations (a) that are 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 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 revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, accountability or other purposes.



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**Notes to Financial Statements (continued)**  
**For the years ended December 31, 2019 and 2018**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Basis of Presentation (continued)**

The accounting and financial reporting treatment applied to the Authority is determined by its measurement focus. The transactions of the Authority are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets, liabilities and deferred inflow or outflow of resources associated with the operations are included on the statement of net position. Net position (i.e., total assets net of total liabilities) are segregated into invested in capital assets, net of related debt and unrestricted components.

**Basis of Accounting**

Basis of accounting determines when transactions are recorded in the financial records and reported on the financial statements. Enterprise funds are accounted for using the accrual basis of accounting.

**Revenues – Exchange and Non-Exchange Transactions** – Revenue resulting from exchange transactions, in which each party gives and receives essentially equal value, is recorded on the accrual basis when the exchange takes place. Sewer service charges are recognized as revenue when services are provided. Connection fees are collected in advance and, accordingly, the Authority defers these revenues until the municipality issues a release for certificate of occupancy and determines that sewage collection services are being provided to the properties.

Non-exchange transactions, in which the Authority receives value without directly giving equal value in return, include grants, contributed capital, and donations. Revenue from grants, contributed capital, and donations are recognized in the fiscal year in which all eligibility requirements have been satisfied. Eligibility requirements include timing requirements, which specify the fiscal year when the resources are required to be used or the fiscal year when use is first permitted, matching requirements, in which the Authority must provide local resources to be used for a specified purpose, and expenditure requirements, in which the resources are provided to the Authority on a reimbursement basis.

**Expenses** – On the accrual basis of accounting, expenses are recognized at the time they are incurred.

**Budgets and Budgetary Accounting**

The Authority must adopt an annual budget in accordance with *N.J.A.C. 5:31-2*. *N.J.A.C. 5:31-2* requires the governing body to introduce the annual Authority budget at least 60 days prior to the end of the current fiscal year and to adopt no later than the beginning of the Authority's fiscal year. The governing body may amend the budget at any point during the year by resolution of the Board of Commissioners. The budgetary basis of accounting is utilized to determine the Authority has sufficient cash to operate and pay debt service. As such, certain items such as bond payments are included in budgetary expenses while depreciation is not included.

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**Notes to Financial Statements (continued)**  
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**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Budgets and Budgetary Accounting (continued)**

The legal level of budgetary control is established at the detail shown on the Statement of Revenues, Expenses and Changes in Net Position. All budget transfers and amendments to those accounts must be approved by resolution of the Authority as required by the Local Finance Board. Management may transfer among supplementary line items as long as the legal level line items are not affected. There are no statutory requirements that budgetary line items not be over-expended.

The Authority records encumbrances. An encumbrance represents a commitment related to unperformed contracts for goods or services. The issuance of a purchase order or the signing of a contract would create an encumbrance. The encumbrance does not represent an expenditure for the period, only a commitment to expend resources. At year-end, the accounting records are adjusted to record only expenses in accordance with generally accepted accounting principles.

**Cash, Cash Equivalents and Investments**

Cash and cash equivalents include cash in banks and may include petty cash and change funds. It may also include all highly liquid investments with a maturity of three months or less at the time of purchase and are stated at cost plus accrued interest. Such is the definition of cash and cash equivalents used in the statement of cash flows.

New Jersey Authorities are required by *N.J.S.A. 40A:5-14* to deposit public funds into a bank or trust company having its place of business in the State of New Jersey and organized under the laws of the United States of America or State of New Jersey or the New Jersey Cash Management Fund. *N.J.S.A. 40A:5-15.1* provides a list of securities which may be purchased by New Jersey Authorities. The Authority is required by *N.J.S.A. 17:9-41* to deposit 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.

Additionally, 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. In lieu of designating a depository, the cash management plan may provide that the local unit make deposits with the State of New Jersey Cash Management Fund.

Investments are carried at lower of cost or market plus accrued interest shown separately and consists of interest bearing bank deposits, certificates of deposit and U.S. Government Securities.

**Fair Value Measurement**

The Authority categorizes its assets and liabilities measured at fair value into a three-level hierarchy based on the priority of the inputs to the valuation technique used to determine fair value. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level I) and the lowest priority to unobservable inputs (Level III).

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**Notes to Financial Statements (continued)**  
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**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Fair Value Measurement (continued)**

If the inputs used in the determination of the fair value measurement fall within different levels of the hierarchy, the categorization is based on the lowest level input that is significant to the fair value measurement. Assets and liabilities valued at fair value are categorized based on the inputs to the valuation techniques as follows:

*Level I* – Inputs that utilize quoted prices (unadjusted) in active markets for identical assets or liabilities that the Authority has the ability to access. Fair values for these instruments are estimated using pricing models or quoted prices of securities with similar characteristics.

*Level II* – Inputs that include quoted market prices for similar assets and liabilities in active markets and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.

*Level III* – Inputs that are unobservable inputs for the asset or liability, which are typically based on an entity's assumptions, as there is little, if any, related market activity. Fair values for these instruments are estimated using appraised values.

Subsequent to initial recognition, the Authority may remeasure the carrying value of assets and liabilities measured on a nonrecurring basis to fair value. Adjustments to fair value usually result when certain assets are impaired. Such assets are written down from their carrying amounts to their fair value.

**Inventory**

Inventory consists principally of parts and supplies utilized in maintaining the system and gasoline storage and is stated at lower of cost (determined on a first in, first out basis) or market.

**Prepaid Expenses**

Prepaid expenses recorded on the financial statements represent payments made to vendors for services that will benefit periods beyond the Authority's fiscal year end.

**Capital Assets**

Capital assets primarily consist of expenditures to acquire, construct, place in operation and improve the facilities of the Authority. Assets purchased are stated at cost. Assets contributed by developer's are valued at estimated fair market value as of the date of contribution. Costs incurred for construction projects are recorded as construction in progress. In the year that the project is completed, these costs are transferred to capital assets.

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**Notes to Financial Statements (continued)**  
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**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Capital Assets (continued)**

Depreciation is determined on a straight-line basis for all capital assets. Depreciation was provided over the following estimated useful lives:

	<u>Years</u>
Collection systems	40
Buildings, additions and improvements	10-40
Furniture and fixtures	5-7
Equipment	3-10

**Deferred Outflows and Deferred Inflows of Resources**

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

**Compensated Absences**

Compensated absences represent amounts to which employees are entitled to based on accumulated sick leave earned in accordance with the Authority's Personnel Policy. Employees may be compensated for accumulated sick leave in the event of retirement or termination from service at the current salary.

**Unearned Revenue**

Unearned revenue arises when assets are recognized before revenue recognition criteria have been satisfied and are recorded as a liability until the revenue is both measurable and the Authority is eligible to realize the revenue.

**Bond Premium**

Bond premiums are deferred and amortized over the term of the bonds. Bond premiums are presented as an addition to bonds payable.

**Pension & OPEB Section**

For purposes of measuring the net pension and other post-employment benefits liabilities, deferred outflows of resources and deferred inflows of resources related to pensions and other post-employment benefits, and pension and other post-employment benefits expenses, information about the fiduciary net position of the Public Employees' Retirement System ("PERS"), the Other Post-

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**Notes to Financial Statements (continued)**  
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**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Pension & OPEB Section (continued)**

Employment Benefits ("OPEB") and additions to/deductions from the PERS's and OPEB's fiduciary net position have been determined on the same basis as they are reported by the plan. For these purposes, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

**Net Position**

In accordance with the provisions of GASB Statement No. 34 ("Statement 34") of the Governmental Accounting Standards Board "Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments", the Authority has classified its net position into three components – net investment in capital assets; restricted; and unrestricted. These classifications are defined as follows:

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

Restricted Net Position – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.

Unrestricted Net Position – All other net position that do not meet the definition of "restricted" or "net investment in capital assets".

**Income Taxes**

The Authority operates as defined by Internal Revenue Code Section 115 and appropriately is exempt from income taxes under Section 115.

**Operating and Non-Operating Revenues and Expenses**

The Authority defines its operating revenues as income derived from charges to residents and others for services provided as well as government subsidies and grants used for operating purposes. Non-operating revenues primarily consist of interest income and on investments of securities. Operating expenses are costs incurred in the operation of its program activities to provide services to residents and others. Non-operating expenses primarily include expenses attributable to the Authority's interest on debt, contribution to Township and sales of capital assets.

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**Notes to Financial Statements (continued)**  
**For the years ended December 31, 2019 and 2018**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Use of Estimates**

The process of preparing financial statements in conformity with generally accepted accounting principles requires the use of estimates and assumptions regarding certain types of assets, liabilities, revenues and expenses. Such estimates primarily relate to unsettled transactions and events as of the date of the financial statements. Accordingly, upon settlement, actual results may differ from estimated amount.

**Impact of Recently Issued Accounting Pronouncements**

*Adopted Accounting Pronouncements*

Statement No. 83, *Certain Asset Retirement Obligations*. An asset retirement obligation is a legally enforceable liability associated with the retirement of a tangible capital asset. Statement No. 83 establishes guidance for determining the timing and pattern of recognition for liabilities and corresponding deferred outflow of resources related to such obligations. The requirements of this Statement are effective for reporting periods beginning after June 15, 2018. Implementation of this Statement did not have a significant impact on the Authority's financial statements.

*Recently Issued Accounting Pronouncements*

The GASB has issued the following Statements which will become effective in future fiscal years as shown below:

Statement No. 87, *Leases*. The objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases by governments. This Statement increases the usefulness of governments' financial statements by requiring recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. Statement No. 87 is effective for reporting periods beginning after December 15, 2019. Management has not yet determined the impact of this Statement on the financial statements.

Statement No. 89, *Accounting for Interest Cost Incurred Before the End of a Construction Period*. The objectives of this Statement are (1) to enhance the relevance and comparability of information about capital assets and the cost of borrowing for a reporting period and (2) to simplify accounting for interest cost incurred before the end of a construction period. The requirements of this Statement are effective for reporting periods beginning after December 15, 2019. Management does not expect this Statement to have a material impact on the Authority's financial statements.

**Subsequent Events**

Toms River Municipal Utilities Authority has evaluated subsequent events occurring after December 31, 2019 through June 26, 2020, which is the date the financial statements were available to be issued. See Note 15 for additional information.

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**Notes to Financial Statements (continued)**  
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**NOTE 2: CASH**

This Authority is governed by the deposit and investment limitations of New Jersey state law. The deposits held at December 31, 2019 and 2018, reported at fair value, are as follows:

	<u><b>2019</b></u>	<u><b>2018</b></u>
<b>Deposits:</b>		
Demand deposits	\$ 9,201,643	\$ 8,832,473
Total deposits	<u>\$ 9,201,643</u>	<u>\$ 8,832,473</u>
<b>Reconciliation to Statements of Net Position:</b>		
Current unrestricted assets:		
Cash	\$ 6,265,933	\$ 5,957,935
Current restricted assets:		
Rate stabilization cash	633,546	663,939
System renovation cash	318,323	212,548
Operating	750,000	750,000
Other restricted cash	<u>1,233,841</u>	<u>1,248,051</u>
Total current unrestricted and restricted cash	<u>\$ 9,201,643</u>	<u>\$ 8,832,473</u>

**Custodial Credit Risk Related to Deposits**

Custodial credit risk is the risk that, in the event of a bank failure, the Authority's deposits might not be recovered. Although the Authority does not have a formal policy regarding custodial credit risk, *N.J.S.A. 17:9-41 et seq.* requires that governmental units shall deposit public funds in public depositories protected from loss under the provisions of the Governmental Unit Deposit Protection Act (GUDPA). Under the Act, the first \$250,000 of governmental deposits in each insured depository is protected by the Federal Deposit Insurance Corporation (FDIC). Public funds owned by the Authority in excess of FDIC insured amounts are protected by GUDPA. However, GUDPA does not protect intermingled trust funds such as salary withholdings or funds that may pass to the Authority relative to the happening of a future condition. If the Authority had any such funds, they would be shown as Uninsured and Uncollateralized in the schedule below. As of December 31, 2019 and 2018, the Authority's bank balances were insured or exposed to credit risk as follows:

	<u><b>2019</b></u>	<u><b>2018</b></u>
Insured by FDIC	\$ 750,000	\$ 750,000
Collateralized in the Authority's name under GUDPA	<u>8,480,370</u>	<u>8,270,235</u>
Total	<u>\$ 9,230,370</u>	<u>\$ 9,020,235</u>

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**Notes to Financial Statements (continued)**  
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**NOTE 2: CASH (continued)**

**Custodial Credit Risk Related to Deposits (continued)**

The Board approved and adopted the Cash Management and Investment Policy on February 26, 2019 establishes the following restricted cash and investment accounts:

<u>Account</u>	<u>Amount</u>	<u>Use for which restricted</u>
System renovation	Amount designated by Board.	To pay for infrastructure repairs for the collection system.
Rate stabilization	Amount designated by Board.	To maintain stable sewer rates for customers.

In addition to the above, the Authority has restricted accounts pertaining to performance on contracts, unemployment trust funds, construction funds, and operating reserves.

**NOTE 3: INVESTMENTS**

**Custodial Credit Risk**

For an investment, custodial credit risk is a risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the Authority, and are held by either the counterparty or the counterparty's trust department or agent but not in the Authority's name.

**Investment Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates that will adversely affect the fair value of an investment. The Authority has no formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates. Maturities of investments held at December 31, 2019 and 2018, are provided in the schedule below.

**Investment Credit Risk**

The Authority has no investment policy that limits its investment choices other than the limitation of state law as follows:

- Bonds or other obligations of the United States of America or obligations guaranteed by the United States of America;
- Government money market mutual funds;
- Any obligation that a federal agency or 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 obligations bear a fixed rate of interest not dependent on any index or other external factor;



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**Notes to Financial Statements (continued)**  
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**NOTE 3: INVESTMENTS (continued)**

**Investment Credit Risk (continued)**

- Bonds or other obligations of the Authority or bonds or other obligations of the local unit or units within which the Authority is located;
- Bonds or other obligations, having a maturity date of not more than 397 days from the date of purchase, approved by the Division of Investment in the Department of Treasury for investment by the Authority;
- Local Government investment pools;
- Deposits with the State of New Jersey Cash Management Fund established pursuant to section 1 of P.L. 1977, c.281; or
- Agreements for the repurchase of fully collateralized securities.

As of December 31, 2019 and 2018, the Authority had the following investments and maturities:

<b>Investments at Fair Value as of December 31, 2019</b>				
	<b><u>Level I</u></b>	<b><u>Level II</u></b>	<b><u>Level III</u></b>	<b><u>Total</u></b>
Fixed income securities:				
US government agency obligations	\$ 1,190,678	\$ -	\$ -	\$ 1,190,678
Total investments at fair value	<u>\$ 1,190,678</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,190,678</u>

<b>Investments at Fair Value as of December 31, 2018</b>				
	<b><u>Level I</u></b>	<b><u>Level II</u></b>	<b><u>Level III</u></b>	<b><u>Total</u></b>
Fixed income securities:				
US government agency obligations	\$ 1,520,057	\$ -	\$ -	\$ 1,520,057
Total investments at fair value	<u>\$ 1,520,057</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,520,057</u>

**NOTE 4: ACCOUNTS RECEIVABLE**

Accounts receivable balances as of December 31, 2019 and 2018 consisted of the following:

	<b><u>2019</u></b>	<b><u>2018</u></b>
Accounts receivable - customers	\$ 1,781,346	\$ 1,687,149
Review and inspection fees	-	5,622
Other receivables	44,538	35,091
Other municipalities	<u>135,669</u>	<u>75,058</u>
Total	<u>\$ 1,961,533</u>	<u>\$ 1,802,920</u>

**NOTE 5: OCUA DEFICIENCY**

The Authority makes quarterly estimated payments to the Ocean County Utilities Authority (OCUA) for the amount of sewerage that is discharged. At the end of the year, the OCUA is required to provide

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
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**Notes to Financial Statements (continued)**  
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**NOTE 5: OCUA DEFICIENCY (continued)**

Toms River Municipal Utilities Authority with a “Deficiency Notification” in accordance with Articles V and IX of the Service Agreement. The credit or (deficiency) is computed by taking the actual flows for the year and comparing this number to the estimated flows. The Authority had a deficiency of \$177,078 and \$284,982 for 2019 and 2018, respectively.

**NOTE 6: CAPITAL ASSETS**

The activity in capital assets for the years ended December 31, 2019 and 2018 are as followed:

	<b>Balance December 31, <u>2018</u></b>	<b><u>Additions</u></b>	<b><u>Retirements and Transfers</u></b>	<b>Balance December 31, <u>2019</u></b>
Capital assets				
not being depreciated				
Land	\$ 1,779,650	\$ -	\$ -	\$ 1,779,650
Construction in progress	5,484,585	648,840	(6,083,552)	49,873
NJIB work in progress	<u>10,537,539</u>	<u>560,638</u>	<u>(10,537,540)</u>	<u>560,637</u>
Total capital assets				
not being depreciated	<u>17,801,774</u>	<u>1,209,478</u>	<u>(16,621,092)</u>	<u>2,390,160</u>
Capital assets being depreciated				
Collection system	109,914,331	1,013,100	15,889,623	126,817,054
Buildings and improvements	3,350,921	39,478	731,469	4,121,868
Equipment	6,719,416	16,871	-	6,736,287
GIS deployed	295,493	-	-	295,493
Furniture and fixtures	<u>883,707</u>	<u>23,553</u>	<u>-</u>	<u>907,260</u>
Total capital assets				
being depreciated	<u>121,163,868</u>	<u>1,093,002</u>	<u>16,621,092</u>	<u>138,877,962</u>
Less: accumulated depreciation	<u>(84,368,971)</u>	<u>(4,708,841)</u>	<u>-</u>	<u>(89,077,812)</u>
Total capital assets, being depreciated, net	<u>36,794,897</u>	<u>(3,615,839)</u>	<u>16,621,092</u>	<u>49,800,150</u>
Total capital assets, net	<u>\$ 54,596,671</u>	<u>\$ (2,406,361)</u>	<u>\$ -</u>	<u>\$ 52,190,310</u>

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**Notes to Financial Statements (continued)**  
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**NOTE 6: CAPITAL ASSETS (continued)**

	<b>Balance December 31, <u>2017</u></b>	<b><u>Additions</u></b>	<b><u>Retirements and Transfers</u></b>	<b>Balance December 31, <u>2018</u></b>
Capital assets not being depreciated				
Land	\$ 1,779,650	\$ -	\$ -	\$ 1,779,650
Construction in progress	4,354,147	3,242,920	(2,112,482)	5,484,585
NJIB work in progress	<u>10,095,294</u>	<u>442,245</u>	<u>-</u>	<u>10,537,539</u>
Total capital assets not being depreciated	<u>16,229,091</u>	<u>3,685,165</u>	<u>(2,112,482)</u>	<u>17,801,774</u>
Capital assets being depreciated				
Collection system	105,465,938	2,335,911	2,112,482	109,914,331
Buildings and improvements	3,348,042	2,879	-	3,350,921
Equipment	6,238,638	480,778	-	6,719,416
GIS deployed	295,493	-	-	295,493
Furniture and fixtures	<u>845,674</u>	<u>38,033</u>	<u>-</u>	<u>883,707</u>
Total capital assets being depreciated	<u>116,193,785</u>	<u>2,857,601</u>	<u>2,112,482</u>	<u>121,163,868</u>
Less: accumulated depreciation	<u>(81,809,018)</u>	<u>(2,559,953)</u>	<u>-</u>	<u>(84,368,971)</u>
Total capital assets, being depreciated, net	<u>34,384,767</u>	<u>297,648</u>	<u>2,112,482</u>	<u>36,794,897</u>
Total capital assets, net	<u>\$ 50,613,858</u>	<u>\$ 3,982,813</u>	<u>\$ -</u>	<u>\$ 54,596,671</u>

**NOTE 7: LIABILITIES**

**Accrued Expenses**

Accrued expenses as of December 31, 2019 and 2018 consisted of the following:

	<b><u>2019</u></b>	<b><u>2018</u></b>
Payroll	\$ 87,115	\$ 74,677
Payroll taxes	6,914	6,385
Professional fees	<u>26,750</u>	<u>26,750</u>
Total accrued expenses	<u>\$ 120,779</u>	<u>\$ 107,812</u>

**Unearned Revenue**

The Authority's customers are billed in December for the following quarter beginning January 1st. Appropriately, customer payments received in December for the following quarter are included in the Authority's current unrestricted liabilities and not recognized as revenue until the following year. As of December 31, 2019 and 2018, totaled \$3,305,612 and \$3,265,375, respectively.

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**Notes to Financial Statements (continued)**  
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**NOTE 7: LIABILITIES (continued)**

**Long-term Obligations**

During the years ended December 31, 2019 and 2018, the following changes occurred in long-term obligations:

	<b><u>Balance</u></b> <b><u>12/31/18</u></b>	<b><u>Additions</u></b>	<b><u>Reduction/</u></b> <b><u>Adjustments</u></b>	<b><u>Balance</u></b> <b><u>12/31/19</u></b>	<b><u>Balance</u></b> <b><u>Due Within</u></b> <b><u>One Year</u></b>
Bonds payable	\$ 7,586,443	\$ -	\$ 630,362	\$6,956,081	\$ 622,107
Unamortized					
loan premium	<u>231,594</u>	<u>-</u>	<u>19,396</u>	<u>212,198</u>	<u>19,396</u>
Bonds payable, net	<u>7,818,037</u>	<u>-</u>	<u>623,248</u>	<u>7,168,279</u>	<u>641,503</u>
Construction loan					
payable	-	620,831	-	620,831	620,831
Net other					
postemployment					
benefits liability	9,743,545	1,718,488	-	11,462,033	-
Reserve for					
compensated absences	213,144	2,973	-	216,117	-
Net pension liability	<u>8,273,583</u>	<u>-</u>	<u>220,865</u>	<u>8,052,718</u>	<u>-</u>
Total	<u>\$26,048,309</u>	<u>\$2,342,292</u>	<u>\$ 844,113</u>	<u>\$27,519,978</u>	<u>\$1,262,334</u>

	<b><u>Balance</u></b> <b><u>12/31/17</u></b>	<b><u>Additions</u></b>	<b><u>Reduction/</u></b> <b><u>Adjustments</u></b>	<b><u>Balance</u></b> <b><u>12/31/18</u></b>	<b><u>Balance</u></b> <b><u>Due Within</u></b> <b><u>One Year</u></b>
Bonds payable	\$ 8,202,549	\$ -	\$ 616,106	\$ 7,586,443	\$ 617,107
Unamortized					
loan premium	<u>250,991</u>	<u>-</u>	<u>19,397</u>	<u>231,594</u>	<u>19,396</u>
Bonds payable, net	<u>8,453,540</u>	<u>-</u>	<u>635,503</u>	<u>7,818,037</u>	<u>636,503</u>
Community					
disaster loan	4,679,306	-	4,679,306	-	-
Net other					
postemployment					
benefits liability	9,408,125	335,420	-	9,743,545	-
Reserve for					
compensated absences	188,459	24,685	-	213,144	-
Net pension liability	<u>9,570,146</u>	<u>-</u>	<u>1,296,563</u>	<u>8,273,583</u>	<u>-</u>
Total	<u>\$32,299,576</u>	<u>\$ 360,105</u>	<u>\$ 6,611,372</u>	<u>\$26,048,309</u>	<u>\$ 636,503</u>

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**  
**For the years ended December 31, 2019 and 2018**

**NOTE 7: LIABILITIES (continued)**

**New Jersey Infrastructure Bank Series 2010A, 2014A and 2017A-R2 Loans Payable**

Loans payable at December 31, 2019 and 2018 consisted of the following:

	<u><b>2019</b></u>	<u><b>2018</b></u>
2010A NJIB Fund Loans, bearing no interest, maturity dates February 1 from 2011 to 2029.	\$ 3,891,463	\$ 4,304,192
2014A NJIB Fund Loans, bearing no interest, maturity dates August 1 from 2014 to 2033.	742,618	799,251
2014A NJIB Trust Loans, bearing interest ranging from 3.00% to 5.00% per annum; maturity dates each August 1 from 2014 to 2033. Interest payable on February 1 and August 1 each year to maturity.	860,000	905,000
2017A-R2 NJIB Trust Loan Refunding, bearing interest ranging from 3.00% to 5.00% per annum; maturity dates each March 1 from 2017 to 2029. Interest payable on March 1 and September 1 each year to maturity.	<u>1,462,000</u>	<u>1,578,000</u>
Total loans	6,956,081	7,586,443
Less: current portion, including current portion of unamortized bond premium	<u>(641,503)</u>	<u>(636,503)</u>
Subtotal	6,314,578	6,949,940
Add: total unamortized bond premium	<u>212,198</u>	<u>231,594</u>
Total	<u><b>\$ 6,526,776</b></u>	<u><b>\$ 7,181,534</b></u>

On March 10, 2010, the Authority borrowed \$10,105,000 in Series 2010A Revenue Bonds through the New Jersey Infrastructure Bank. The "Fund" (Federal Funds) portion of the Bond Issue, \$7,590,000, was issued with no interest rate. The remaining Bonds mature semi-annually from February 1, 2011 through August 1, 2029 at maturities ranging from \$133,158 to \$266,316. As of December 31, 2019 and 2018, the remaining balances were \$3,891,463 and \$4,304,192, respectively.

On May 22, 2014, the Authority borrowed \$4,307,242 in Series 2014A Revenue Bonds through the New Jersey Infrastructure Bank. The original "Fund" (Federal Funds) portion of the Bond Issue, \$3,242,242 with a principal forgiveness portion of \$2,161,494, leaving an adjusted "Fund" portion of the Bond Issue of \$1,080,748 issued with no interest rate. As of December 31, 2019, and 2018, the remaining balances were \$742,618 and \$799,251, respectively. Of the amount that was recognized as NJIB principal forgiveness, \$1,214,007 was recognized as revenue in 2014, \$837,555 was recognized as revenue in 2015. On April 5, 2016, the Authority received a certified letter from the State of New Jersey Department of Environmental Protection in connection with the Authority's New Jersey Environmental Infrastructure Financing Program Project No. S340145-03/04. In the letter, the Authority was notified that the remaining \$164,897 "Fund" portion of the loan, of which \$109,932 was principal forgiveness, would be de-obligated.

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**Notes to Financial Statements (continued)**  
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**NOTE 7: LIABILITIES (continued)**

**New Jersey Infrastructure Bank Series 2010A, 2014A and 2017A-R2 Loans Payable (continued)**

The remaining Bonds mature semi-annually from August 1, 2014 through August 1, 2033 at maturities ranging from \$6,388 to \$37,755. As of December 31, 2019 and 2018, this bond issuance premium had a balances of \$59,906 and \$64,703, respectively.

The “Loan” (State Funds) portion of the Series 2014A Bond Issue, \$1,065,000, the remaining bonds mature annually from August 1, 2014 through 2033 at annual maturities ranging from \$40,000 to \$75,000 and bear interest at rates ranging from 3.00% to 5.00%. As of December 31, 2019 and 2018, the remaining balances were \$860,000 and \$905,000, respectively.

On January 31, 2017, the Authority issued Series 2017A-R2 NJIB Refunding Bonds in the amount of \$1,578,000. The proceeds of this issuance were utilized to refund the 2010A Revenue Bonds NJIB trust loan outstanding. The bonds mature annually from September 1, 2019 through 2029 at annual maturities ranging from \$116,000 to \$173,000 and bear interest rates at 4.00%. As of December 31, 2019 and 2018, the remaining balances were \$1,462,000 and \$1,578,000, respectively. The 2017A-R2 Refunding Bonds issuance resulted in a net loss on refunding of \$91,795 and a bond premium of \$197,980. The \$91,795 loss on refunding is recognized as a deferred outflow of resources and will be amortized over the life of the loan. As of December 31, 2019 and 2018, the net balance of the deferred outflow related to the loss on bond refunding were \$70,612 and \$77,673, respectively. A premium of \$197,980 is associated with this bond issuance and is included in the bonds payable balance on the Statements of Net Position. This premium will be amortized over the life of the bonds. As of December 31, 2019 and 2018, the outstanding premium balances were \$152,292 and \$167,521 respectively.

At December 31, 2019, the debt service requirements on the NJIB Loans until maturity are as follows:

<b><u>Year Ending</u></b> <b><u>December 31,</u></b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Total</u></b>
2020	\$ 622,107	\$ 89,661	\$ 711,768
2021	635,107	82,571	717,678
2022	636,107	74,911	711,018
2023	646,107	67,211	713,318
2024	655,107	59,061	714,168
2025-2029	3,295,260	170,746	3,466,006
2030-2034	<u>466,286</u>	<u>23,081</u>	<u>489,367</u>
Total	<u>\$ 6,956,081</u>	<u>\$ 567,242</u>	<u>\$ 7,523,323</u>

**Compensated Absences**

For the years ended December 31, 2019 and 2018 the Authority accrued compensated absences in the amount of \$216,117 and \$213,144, respectively.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
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**Notes to Financial Statements (continued)**  
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**NOTE 7: LIABILITIES (continued)**

**Other Postemployment Benefits Liability**

For details on the other postemployment benefits liability, see Note 8: *Postemployment Benefits Other Than Pensions*. The Authority's contribution into the postemployment benefits plan is budgeted and paid on an annual basis.

**Net Pension Liability**

For details on the net pension liability, see Note 9: *Pension Obligations*. The Authority's annual required contribution to the Public Employees' Retirement System is budgeted and paid on an annual basis.

**Community Disaster Loan Payable**

For details on the reduction of the Community Disaster Loan due to the Authority's request for cancellation, see Note 12.

**Construction Loans Payable**

In order to finance the rehabilitation construction, the Authority has been drawing down on a construction loan granted by NJIB in 2019 to be utilized as work progresses through the completion of such construction. As of December 31, 2019, the amount borrowed and outstanding under such loan was \$620,831 and is reflected as a current liability, however, once payment terms are identified, a portion will be reflected as long-term debt.

**NOTE 8: POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS**

For the year ended December 31, 2019, the Authority is recognizing its post-employment benefits based upon the implementation requirements of GASB Statement No. 75, *Accounting and Financial Reporting for Post-employment Benefits Other than Pensions*.

**Plan Description** – The Authority participates in one single-employer postemployment plan for medical benefits and prescription drugs. The Authority has the authority for establishing and amending this plan. This plan has no assets that are accumulated in a trust and the plan does not have a separate report. Employees are eligible for these benefits provided they have:

- Retired on a disability pension;
- Retired after 25 years or more service credit in a state or locally administered retirement system with service of five (5) years service to the Authority

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
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**NOTE 8: POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (continued)**

The Authority also provides full coverage towards the cost of health benefits for the spouses and/or dependents of eligible retired employees for employees hired prior to December 31, 2013. The Authority provides full coverage towards the cost of health benefits for spouses only of eligible retired employees hired after December 31, 2013.

**Funding Policy** - The Authority finances this program on a pay-as-you-go basis. The Authority has the authority for establishing and amending the funding policy. For the year ended December 31, 2019 the Authority funded \$375,960 to the plan.

**Employees Covered By Benefits Terms** – As of December 31, 2019, there were 25 participants currently receiving retiree benefits, and 37 active participants of whom 3 are eligible to retire as of the valuation date.

**Total OPEB Liability** – The Authority's total OPEB liability of \$11,462,033 was measured as of December 31, 2019, and was determined by an actuarial valuation as of that date.

**Actuarial Assumptions and Other Inputs** – The total OPEB liability in the December 31, 2019 actuarial valuation was determined using the following assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

Mortality	RP 2000 Combined Healthy Male Mortality Rates Set Forward Three Years and Adjusted for Generational Improvement.
Turnover	NJ Pensions Ultimate Withdrawal Rates – Prior to Benefit Eligibility
Assumed Retirement Age	At first eligibility in conformance with SHBP retirement requirements
Full Attribution Period	Service to Assumed Retirement Age
Annual Discount Rate	4.10% Based on Bond Buyer 20 Index at December 31, 2018 2.74% Based on Bond Buyer 20 Index at December 31, 2019
CPI Increase	2.50%
Rate of Salary Increase	2.50%
Trend	Medical: 5.7% in 2019, reducing 0.1% per annum, leveling at 5% per annum in 2026; Drug: 9.5% in 2019, reducing 0.5% per annum to 2022 and 1.0% per annum thereafter, leveling at 5.00% per annum in 2026
Medical Cost Aging Factor	NJ SHBP Medical Morbidity Rates



**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
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**NOTE 8: POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (continued)**

**Changes in the Total OPEB Liability**

The following table shows the Changes in the OPEB Liability as follows:

	<u><b>Total OPEB Liability</b></u>
Total OPEB Liability December 31, 2018	\$ 9,743,545
Changes in Total OPEB Liability	
Service Costs	201,094
Interest	400,023
Changes in Benefit Terms	-
Difference between expected and actual experience	1,493,331
Changes in Assumptions	-
Benefit Payments	<u>(375,960)</u>
Net Changes in Total OPEB Liability	<u>1,718,488</u>
Total OPEB Liability December 31, 2019	<u><u>\$ 11,462,033</u></u>

**Sensitivity of the Total OPEB Liability to Changes in the Discount Rate** – The following presents the total OPEB liability of the Authority, as well as what the Authority's total OPEB liability would be if it were calculated using a discount rate that is 1- percentage-point lower (1.74 percent) or 1-percentage-point higher (3.74 percent) than the current discount rate:

	<b>1 % Decrease <u>(1.74%)</u></b>	<b>Current Discount Rate <u>(2.74%)</u></b>	<b>1% Increase <u>(3.74%)</u></b>
Total OPEB Liability	\$ <u>12,568,011</u>	\$ <u>11,462,033</u>	\$ <u>10,526,750</u>

**Sensitivity of the Total OPEB Liability to Changes in the Trend Rate**– The following presents the total OPEB liability of the Authority, as well as what the Authority's total OPEB liability would be if it were calculated using a medical trend rate that is 1- percentage-point lower (4.7 percent) or 1-percentage-point higher (6.7 percent) than the current discount rate:

	<b>1 % Decrease <u>(4.70%)</u></b>	<b>Medical Trend Rate <u>(5.70%)</u></b>	<b>1% Increase <u>(6.70%)</u></b>
Total OPEB Liability	\$ <u>10,687,325</u>	\$ <u>11,462,033</u>	\$ <u>12,389,242</u>

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**NOTE 8: POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS (continued)**

**OPEB Expense** – For the year ended December 31, 2019, the Authority had a total OPEB expense of \$729,964 based on the discount rate of 2.74%.

**Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB** – At December 31, 2019, the Authority reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<b><u>Deferred Outflows of Resources</u></b>	<b><u>Deferred Inflows of Resources</u></b>
Differences between Expected and Actual Experience	\$ 1,364,484	\$ -
	<u>\$ 1,364,484</u>	<u>\$ -</u>

**NOTE 9: PENSION OBLIGATIONS**

**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 PERS, please refer to Division's Comprehensive Annual Financial Report (CAFR) which can be found at <http://www.state.nj.us/treasury/pensions/annual-reports.shtml>.

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.

The following represents the membership tiers for PERS:

<b><u>Tier</u></b>	<b><u>Definition</u></b>
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

Service retirement benefits of 1/55<sup>th</sup> 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 1/60<sup>th</sup> of final average salary for each year of service credit is available to tier 4 members upon reaching age 62 and tier 5 members upon reaching age 65. Early retirement benefits are available to tiers 1 and 2 members before reaching age 60, 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

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**NOTE 9: PENSION OBLIGATIONS (continued)**

**Public Employees' Retirement System (PERS) (continued)**

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.

**Basis of Presentation** - The schedules of employer and nonemployer allocations and the schedules of pension amounts by employer and nonemployer (collectively, the Schedules) present amounts that are considered elements of the financial statements of PERS or its participating employers. Accordingly, they do not purport to be a complete presentation of the financial position or changes in financial position of PERS or the participating employers. The accompanying Schedules were prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of PERS to make a number of estimates and assumptions relating to the reported amounts. Due to the inherent nature of these estimates, actual results could differ from those estimates.

**Contributions** - The contribution policy for PERS is set by *N.J.S.A. 43:15A* and requires contributions by active members and contributing employers. State legislation has modified the amount that is contributed by the State. The State's pension contribution is based on an actuarially determined amount, which includes the employer portion of the normal cost and an amortization of the unfunded accrued liability. Funding for noncontributory group insurance benefits is based on actual claims paid. For the fiscal year 2019, the State's pension contribution was less than the actuarial determined amount. 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 will be paid by the employer in level annual payments over a period of 15 years beginning 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. For the year ended December 31, 2019, the Authority's contractually required contribution to PERS plan was \$434,716.

**Components of Net Pension Liability** - At December 31, 2019, the Authority's proportionate share of the PERS net pension liability was \$8,052,718. The net pension liability was measured as of June 30, 2019. The total pension liability used to calculate the net pension liability was determined using update procedures to roll forward the total pension liability from an actuarial valuation as of July 1, 2018, which was rolled forward to June 30, 2019. The Authority's proportion of the net pension liability was based on the Authority's actual contributions to the plan relative to the total of all participating employers' contributions for the year ended June 30, 2019. The Authority's proportion measured as of June 30, 2019, was 0.0446914332% which was an increase of 0.0026711532% from its proportion measured as of June 30, 2018.

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**NOTE 9: PENSION OBLIGATIONS (continued)**

**Public Employees' Retirement System (PERS) (continued)**

**Balances at December 31, 2019 and December 31, 2018**

	<u>12/31/2019</u>	<u>12/30/2018</u>
Actuarial valuation date (including roll forward)	June 30, 2019	June 30, 2018
Deferred Outflows of Resources	\$ 1,793,488	\$ 2,100,746
Deferred Inflows of Resources	2,975,016	2,822,196
Net Pension Liability	8,052,718	8,273,583
Authority's portion of the Plan's total Net Pension Liability	0.04469%	0.04202%

**Pension Expense and Deferred Outflows/Inflows of Resources** – At December 31, 2019, the Authority's proportionate share of the PERS expense, calculated by the plan as of the June 30, 2019 measurement date is \$673,932. At December 31, 2019, the Authority reported deferred outflows of resources and deferred inflows of resources related to PERS from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between Expected and Actual Experience	\$ 144,536	\$ 35,573
Changes of Assumptions	804,093	2,795,073
Net Difference between Projected and Actual Earnings on Pension Plan Investments	-	127,115
Changes in Proportion and Differences between Authority Contributions and Proportionate Share of Contributions	<u>844,859</u>	<u>17,255</u>
	<u>\$ 1,793,488</u>	<u>\$ 2,975,016</u>

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**NOTE 9: PENSION OBLIGATIONS (continued)**

**Public Employees' Retirement System (PERS) (continued)**

The Authority will amortize the above sources of deferred outflows and inflows related to PERS over the following number of years:

	<b><u>Deferred Outflow of Resources</u></b>	<b><u>Deferred Inflow of Resources</u></b>
Differences between Expected and Actual Experience		
Year of Pension Plan Deferral:		
June 30, 2014	-	-
June 30, 2015	5.72	-
June 30, 2016	5.57	-
June 30, 2017	5.48	-
June 30, 2018	5.63	-
June 30, 2019	5.21	-
Changes of Assumptions		
Year of Pension Plan Deferral:		
June 30, 2014	6.44	-
June 30, 2015	5.72	-
June 30, 2016	5.57	-
June 30, 2017	-	5.48
June 30, 2018	-	5.63
June 30, 2019	-	5.21
Net Difference between Projected and Actual Earnings on Pension Plan Investments		
Year of Pension Plan Deferral:		
June 30, 2014	-	5.00
June 30, 2015	-	5.00
June 30, 2016	5.00	-
June 30, 2017	5.00	-
June 30, 2018	5.00	-
June 30, 2019	5.00	-
Changes in Proportion and Differences between Contributions and Proportionate Share of Contributions		
Year of Pension Plan Deferral:		
June 30, 2014	6.44	6.44
June 30, 2015	5.72	5.72
June 30, 2016	5.57	5.57
June 30, 2017	5.48	5.48
June 30, 2018	5.63	5.63
June 30, 2019	5.21	5.21

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
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**Notes to Financial Statements (continued)**  
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**NOTE 9: PENSION OBLIGATIONS (continued)**

**Public Employees' Retirement System (PERS) (continued)**

The following is a summary of the deferred outflows of resources and deferred inflows of resources related to PERS that will be recognized in future periods:

<b>Year Ending</b>	
<b><u>Dec 31,</u></b>	<b><u>Amount</u></b>
2020	\$ (53,305)
2021	(257,827)
2022	(690,646)
2023	(171,662)
2024	<u>(8,088)</u>
	<u><u>\$ (1,181,528)</u></u>

**Actuarial Assumptions** - The total pension asset/(liability) as of the measurement date was determined by using an actuarial valuation as noted in the table below, with update procedures used to roll forward the total pension liability to the measurement date. The actuarial valuations used the following actuarial assumptions:

Inflation	
Price	2.75%
Wage	3.25%
Salary Increases:	
Through 2026	2.00 - 6.00% Based on Years of Service
Thereafter	3.00 - 7.00% Based on Years of Service
Investment Rate of Return	7.00%
Mortality Rate Table	
	Pub-2010 General classification headcount weighted mortality with fully generational mortality improvement projections from the central year using Scale MP-2019
Period of Actuarial Experience	
Study upon which Actuarial Assumptions were Based	July 1, 2014 - June 30, 2018

Pre-retirement mortality rates were based on the Pub-2010 General Below-Median Income Employee Mortality Table with an 82.2% adjustment for males and 101.4% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Post-retirement mortality

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**Notes to Financial Statements (continued)**  
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**NOTE 9: PENSION OBLIGATIONS (continued)**

**Public Employees' Retirement System (PERS) (continued)**

rates were based on the Pub-2010 General Below-Median Income Healthy Retiree mortality table with a 91.4% adjustment for males and 99.7% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Disability retirement rates used to value disabled retirees were based on the Pub-2010 Non-Safety Disabled Retiree mortality table with a 127.7% adjustment for males and 117.2% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Mortality improvement is based on Scale MP-2019.

The actuarial assumptions used in the July 1, 2018 valuation were based on the results of an actuarial experience study for the period July 1, 2014 to June 30, 2018. 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.

**Long-Term Expected Rate of Return** - In accordance with State statute, the long-term expected rate of return on plan investments (7.00% at June 30, 2019) 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 rates of return for each major asset class included in PERS's target asset allocation as of June 30, 2019 are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Risk Mitigation Strategies	3.00%	4.67%
Cash Equivalents	5.00%	2.00%
U.S. Treasuries	5.00%	2.68%
Investment Grade Credit	10.00%	4.25%
High Yield	2.00%	5.37%
Private Credit	6.00%	7.92%
Real Assets	2.50%	9.31%
Real Estate	7.50%	8.33%
U.S. Equity	28.00%	8.26%
Non-U.S. Developed Markets Equity	12.50%	9.00%
Emerging Markets Equity	6.50%	11.37%
Private Equity	12.00%	10.85%
	<u>100.00%</u>	

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**  
**For the years ended December 31, 2019 and 2018**

**NOTE 9: PENSION OBLIGATIONS (continued)**

**Public Employees' Retirement System (PERS) (continued)**

**Discount Rate** - The discount rate used to measure the total pension liability was 6.28% as of June 30, 2019. The single blended discount rate was based on long-term expected rate of return on pension plan investments of 7.00%, and a municipal bond rate of 3.50% as of June 30, 2019 based on the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax-exempt general obligation municipals 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 based on 70% of the actuarially determined contributions for the State employer and 100% of actuarially determined contributions for the local employers. 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 2057. Therefore, the long-term expected rate of return on plan investments was applied to projected benefit payments through 2057 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 net pension liability calculated using the discount rate as disclosed above, 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 (5.28%) or 1-percentage-point higher (7.28%) than the current rate:

	<b>1% Decrease (5.28%)</b>	<b>Current Discount Rate (6.28%)</b>	<b>1% Increase (7.28%)</b>
Authority's Proportionate Share of the Net Pension Liability	<u>\$ 10,242,655</u>	<u>\$ 8,052,718</u>	<u>\$ 6,310,612</u>

**NOTE 10: SERVICE ORGANIZATION'S SOC 2 REQUIREMENT**

The Authority utilizes Suez to provide consumption data of the Authority's customers' water usage. This data is used to bill the customers of the Authority, as sewer charges for commercial customers are based on the amount of water consumed. Service Organization Control ("SOC") 2 requires the Authority to receive an internal control report from service organizations providing such services mentioned above.

The Authority has requested an internal control report from Suez, but they have not provided the Authority with the report.



**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**  
**For the years ended December 31, 2019 and 2018**

**NOTE 11: TRANSFER TO THE TOWNSHIP OF TOMS RIVER**

For the years ended December of 2019 and 2018, the Authority transferred \$973,383 and \$968,833, respectively from the Authority's reserves to the Township of Toms River, County of Ocean, State of New Jersey pursuant to N.J.S.A. 40A:4-35.1. This has been recorded in the statements of revenues, expenses and changes in net position as transfer to the Township of Toms River.

**NOTE 12: NON-RECURRING ITEMS**

**Community Disaster Loan**

The Jersey Shore sustained heavy damage from a coastal storm on October 29, 2012. Toms River Municipal Utilities Authority's infrastructure was damaged and its customer base was reduced by approximately 20% while customers rebuilt.

The Authority had applied for a low interest Community Disaster Loan from the U.S. Department of Homeland Security for \$4,679,306. This Community Disaster Loan was used to replace revenue shortfalls. On October 29, 2013, Toms River Municipal Utilities Authority requested to draw down \$2,359,650 of these funds. The draw down was approved by FEMA on October 31, 2013. Infrastructure damage from the storm was previously funded for renovation through the New Jersey Environmental Infrastructure Trust fund.

On July 27, 2015 Toms River Municipal Utilities Authority requested and was approved to draw down the remaining Community Disaster Loan funds in the amount of \$2,319,656.

During the year ended December 31, 2017, the Authority had submitted a request for a partial cancellation of the loan balance in the amount of \$4,637,645. The U.S. Department of Homeland Security approved the request on April 20, 2018. During the year ended December 31, 2018, the Authority recognized \$4,761,989 in loan principal and interest forgiveness, while the remaining loan principal and interest totaling \$42,518 was paid. This loan principal and interest forgiveness is recorded in the statement of revenues, expenses and changes in net position as a non-recurring item.

**NOTE 13: PRIOR PERIOD ADJUSTMENT/RESTATEMENT OF NET POSITION**

Net position as of January 1, 2018 has been restated as follows for the implementation of GASB Statement No. 75, Accounting and Financial Reporting for Post-employment Benefits Other than Pensions - an Amendment of GASB Statement No. 45, 57, & 74:

Net position as previously reported at December 31, 2017	\$ 41,459,217
Implementation of GASB 75:	
Net other postemployment benefit liability (measurement date as of June 30, 2017)	<u>(9,408,125)</u>
Total prior period adjustment	<u>(9,408,125)</u>
Net position as restated January 1, 2018	<u>\$ 32,051,092</u>

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**  
**For the years ended December 31, 2019 and 2018**

**NOTE 14: DEFICIT UNRESTRICTED NET POSITION**

The Authority had a deficit in unrestricted net position in the amount of (\$12,553,025) and (\$12,184,495) at December 31, 2019 and 2018, respectively. The primary cause of this deficit is due to the recording of the net pension liability and other net postemployment benefit liability, as required by generally accepted accounting principles. If this was not required, the unrestricted net position before the net pension liability and net other postemployment benefit liability and deferred outflows and inflows related to these liabilities would be \$6,778,770 and \$6,554,083 as of December 31, 2019 and 2018, respectively. This deficit in unrestricted net position does not indicate that the Authority is facing financial difficulties.

**NOTE 15: SUBSEQUENT EVENT**

In December 2019, an outbreak of a new strain of coronavirus, COVID-19, emerged in Wuhan, China. Within weeks, the number of those infected grew significantly, and beyond China's borders. As of the date of this report, the coronavirus is reported to have spread globally, and the list is expected to continue to grow. The coronavirus outbreak is still evolving and its effects remain unknown. The Authority is unable to predict how changing global economic conditions such as the COVID-19 coronavirus will affect the Authority's operations.

Additionally, sewer mains on both sides of a manhole on Windsor Avenue in Toms River began to erode and caused a massive sinkhole in February 2020. On March 2, 2020 the Authority authorized the emergency repair of the sinkhole. The Authority's total cost of the emergency repair for outside contractors amounted to \$1,687,707 and is to be paid from funds issued by the New Jersey Infrastructure Bank. The Authority expects the project to be completed by August 2020.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**Schedule of the Authority's Proportionate Share of the Net Pension Liability**  
**Public Employees' Retirement System**  
**Last Seven Fiscal Years \***

		Measurement Date Ended June 30,						
		2019	2018	2017	2016	2015	2014	2013
Authority's proportion of the net pension liability (asset)		0.04469%	0.04202%	0.04111%	0.04111%	0.03818%	0.03572%	0.03704%
Authority's proportionate share of the net pension liability (asset)	\$	8,052,718	\$ 8,273,583	\$ 9,570,145	\$ 12,175,591	\$ 8,570,368	\$ 6,688,090	\$ 7,079,718
Authority's covered-employee payroll	\$	3,124,824	\$ 2,982,021	\$ 2,812,629	\$ 2,809,779	\$ 2,692,076	\$ 2,493,829	2,493,829
Authority's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll		257.70%	277.45%	340.26%	433.33%	318.36%	268.19%	283.89%
Plan fiduciary net position as a percentage of the total pension liability		56.27%	53.60%	48.10%	40.14%	47.93%	52.08%	48.72%

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**Schedule of Authority Contributions**  
**Public Employees' Retirement System**  
**Last Seven Fiscal Years \***

	<b>Year Ended December 31,</b>						
	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Contractually required contribution	\$ 436,435	\$ 417,966	\$ 380,856	\$ 365,215	\$ 328,235	\$ 294,485	\$ 279,114
Contributions in relation to the contractually required contribution	(436,435)	(417,966)	(380,856)	(365,215)	(328,235)	(294,485)	(279,114)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Authority's covered-employee payroll	\$ 3,148,014	\$ 3,124,824	\$ 2,982,021	\$ 2,812,629	\$ 2,809,779	\$ 2,692,076	\$ 2,493,829
Contributions as a percentage of covered-employee payroll	13.86%	13.38%	12.77%	12.98%	11.68%	10.94%	11.19%

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**Schedule of Changes in the Authority's Total OPEB Liability and Ratios**  
**Last Two Fiscal Years \***

	<u>2019</u>	<u>2018</u>
<b>Authority's Total OPEB liability</b>		
Service cost	\$ 201,094	\$ 201,094
Interest	400,023	388,762
Differences between expected and actual experience	1,493,331	-
Benefit payments	<u>(375,960)</u>	<u>(254,436)</u>
<b>Net Changes in the Authority's Total OPEB Liability</b>	1,718,488	335,420
Authority's Total OPEB Liability (Beginning)	<u>9,743,545</u>	<u>9,408,125</u>
Authority's Total OPEB Liability (Ending)	<u><u>\$ 11,462,033</u></u>	<u><u>\$ 9,743,545</u></u>
Authority's Covered Payroll	\$ 3,148,014	\$ 3,124,824
Authority's Net OPEB Liability as a Percentage of Payroll of covered-employee payroll	364.10%	311.81%

**Notes to Schedule:**

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**  
**Notes to the Required Supplementary Information**  
**For the year ended December 31, 2019**

**Public Employees' Retirement System (PERS)**

***Changes of Benefit Terms***

None.

***Changes of Assumptions***

The discount rate changed from 5.66% as of June 30, 2018, to 6.28% as of June 30, 2019.

**Other Post-Employment Benefits (OPEB))**

***Changes of Benefit Terms***

None.

***Changes of Assumptions***

The discount rate changed from 4.10% as of December 31, 2018, to 2.74% as of December 31, 2019.

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**Schedule of Revenues and Expenses - Budget to Actual**  
**For the year ended December 31, 2019**

	<b>Original Budget</b>	<b>Final Budget</b>	<b>Actual</b>	<b>Variance Favorable (Unfavorable)</b>
Revenues:				
Sewer	\$ 18,760,366	\$ 18,760,366	\$ 18,783,606	\$ 23,240
Connection fees	552,750	552,750	752,128	199,378
Other municipalities	275,500	275,500	300,262	24,762
Delinquencies	250,000	250,000	334,763	84,763
Interest on investments	80,721	80,721	146,808	66,087
Realized gain/(loss) on sale of investments	-	-	3,948	3,948
Unrealized gain/(loss) on investments	-	-	39,540	39,540
Engineering and inspection	10,000	10,000	25,987	15,987
Miscellaneous	50,000	50,000	338,642	288,642
<b>Total revenues</b>	<b>19,979,337</b>	<b>19,979,337</b>	<b>20,725,684</b>	<b>746,347</b>
Costs:				
Administration	2,130,843	2,130,843	1,683,161	447,682
Maintenance of system	5,220,712	5,220,712	4,117,936	1,102,776
Treatment charges - OCUA	11,200,000	11,200,000	11,486,278	(286,278)
Debt service - interest	308,306	308,306	88,653	219,653
Debt service - principal	916,107	916,107	636,503	279,604
Municipality appropriation	973,383	973,383	973,383	-
Capital outlay (capitalized)	300,000	300,000	291,771	8,229
Rehabilitation project (capitalized)	750,000	750,000	2,010,708	(1,260,708)
<b>Total costs</b>	<b>21,799,351</b>	<b>21,799,351</b>	<b>21,288,393</b>	<b>510,958</b>
<b>Net variance</b>	<b>\$ (1,820,014)</b>	<b>\$ (1,820,014)</b>	<b>(562,709)</b>	<b>\$ 1,257,305</b>
Plus:				
Capitalized fixed assets			2,302,479	
Principal maturity			636,503	
Non-operating revenues			178,854	
Less:				
Depreciation expense			(4,708,841)	
Non-budgeted pension expense			(239,213)	
Non-budgeted post employment benefit expense			(354,004)	
<b>Change in net position</b>			<b>\$ (2,746,931)</b>	

**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**Schedule of Revenues and Expenses - Budget to Actual**  
**For the year ended December 31, 2018**

	<b>Original Budget</b>	<b>Final Budget</b>	<b>Actual</b>	<b>Variance Favorable (Unfavorable)</b>
Revenues:				
Sewer	\$ 17,445,482	\$ 17,445,482	\$ 17,659,864	\$ 214,382
Connection fees	583,740	583,740	719,206	135,466
Other municipalities	275,500	275,500	303,563	28,063
Delinquencies	250,000	250,000	329,535	79,535
Interest on investments	122,230	122,230	144,305	22,075
Realized gain/(loss) on sale of investments	-	-	4,774	4,774
Unrealized gain/(loss) on investments	-	-	(11,728)	(11,728)
Engineering and inspection	15,000	15,000	31,676	16,676
Miscellaneous	50,000	50,000	243,043	193,043
Total revenues	<u>18,741,952</u>	<u>18,741,952</u>	<u>19,424,238</u>	<u>682,286</u>
Costs:				
Administration	2,124,664	2,124,664	1,670,812	453,852
Maintenance of system	5,085,886	5,085,886	4,282,618	803,268
Treatment charges - OCUA	11,500,000	11,500,000	11,492,423	7,577
Debt service - interest	108,306	108,306	104,793	3,513
Debt service - principal	666,107	666,107	616,107	50,000
Municipality appropriation	968,833	968,833	968,833	-
Capital outlay (capitalized)	1,075,000	1,075,000	911,669	163,331
Rehabilitation project (capitalized)	4,935,000	4,935,000	5,631,098	(696,098)
Total costs	<u>26,463,796</u>	<u>26,463,796</u>	<u>25,678,353</u>	<u>785,443</u>
Net variance	<u>\$ (7,721,844)</u>	<u>\$ (7,721,844)</u>	<u>(6,254,115)</u>	<u>\$ 1,467,729</u>
Plus:				
Capitalized fixed assets			6,542,767	
Principal maturity			616,107	
Non-operating revenues			96,971	
Non-recurring income: Community Disaster Loan forgiveness			4,761,989	
Less:				
Depreciation expense			(2,559,953)	
Non-budgeted pension expense			(225,145)	
Non-budgeted post employment benefit expense			<u>(335,420)</u>	
Change in net position			<u>\$ 2,643,201</u>	



**TOMS RIVER MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Toms River,**  
**County of Ocean, State of New Jersey)**  
**Board of Commissioners and Management**  
**December 31, 2019**

Carmen J. Memoli, CPA .....	Chairman
Tariq M. Siddiqui, P.E. ....	Vice Chairman
Deborah L. Clement .....	Commissioner
Ben A. Montenegro .....	Commissioner
Charles S. Valvano .....	Commissioner
Joseph G. Bilotta .....	Alternate Commissioner
Dr. Alfonso J. Manforti .....	Alternate Commissioner
Robert J. DiBiase .....	Executive Director/Secretary/Treasurer
Rosemary Rosetto .....	Chief Financial Officer/Assistant Treasurer
Georgia Benyola .....	Assistant Secretary

The Chairman and Commissioners  
of the Toms River Municipal Utilities Authority  
County of Ocean  
Toms River, New Jersey 08753

We have audited the financial accounts and transactions of the Toms River Municipal Utilities Authority, a component unit of the Township of Toms River, County of Ocean, State of New Jersey for the year ended December 31, 2019. In accordance with requirements prescribed by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, the following are the *General Comments* and *Recommendations* for the year then ended.

## GENERAL COMMENTS AND RECOMMENDATIONS

### **Contracts and Agreements Required to be Advertised by (N.J.S.A.40A:11-4)**

*N.J.S.A.40A:11-4* - Every contract or agreement, for the performance of any work or furnishing or hiring of any materials or supplies, the cost or the contract price whereof is to be paid with or out of public funds not included within the terms of Section 3 of this act, shall be made or awarded only by the governing body of the contracting unit after public advertising for bids and bidding therefore, except as is provided otherwise in this act or specifically by any other Law. No work, materials or supplies shall be undertaken, acquired or furnished for a sum exceeding in the aggregate \$40,000, except by contract or agreement.

The Authority has a qualified purchasing agent on staff and therefore may award contracts up to \$40,000 without competitive bids.

It is pointed out that the Members of the Authority have the responsibility of determining whether the expenditures in any category will exceed the statutory minimum within the fiscal year. Where question arises as to whether any contract or agreement might result in violation of the statute, the solicitor's opinion should be sought before a commitment is made.

The minutes indicate that bids were requested by public advertising and awarded by resolution for the following items: quick-lock clamps, quick-lock adjustable packer size 350-500mm, on call roadway pavement restoration and the purchase and delivery of aggregates.

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

Inasmuch as the system of records did not 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. The results of our examination did not disclose any discrepancies.

### **Contracts and Agreements Required to be Advertised by (N.J.S.A.40A:11-4) (continued)**

The examination of expenditures revealed individual payments, contracts or agreements in excess of \$17,500 "for the performance of any work or the furnishing or hiring of any materials or supplies", other than those where bids had been previously sought by public advertisement or where a resolution had been previously adopted under the provision of (N.J.S.A.40A:11-6.1).

The supporting documentation indicated that quotes were requested for all items that required them.

### **Examination of Cash Receipts**

A test check of cash receipts was made. The results of the examination did not disclose any discrepancies with respect to cash receipts.

### **Examination of Bills**

A test check of paid bills was made and each bill, upon proper approval, was considered as a separate and individual contract unless the records disclosed it to be a part payment or estimate. The results of the examination did not disclose any discrepancies with respect to signatures, certification or supporting documentation.

### **Examination of Payroll**

The examination of the payroll account included the detailed computation of various deductions or other credits from the payroll of the Authority employees and we ascertained that the accumulated withholdings were disbursed to the proper agencies.

### **Capital Assets**

The property, plant and equipment subsidiary ledger was maintained properly and a reconciliation between the physical and perpetual inventory records was performed at year-end.

### **Budget Adoption**

The State of New Jersey requires that the Authority's operating and capital budgets be approved and adopted for each fiscal year. The Authority approved its operating budget on October 23, 2018 and adopted its operating budget on November 27, 2018.

### **Current Year Findings**

There were no current year findings.

### **Follow-Up of Prior Years' Findings**

In accordance with *Government Auditing Standards* and audit requirements prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, our procedures included a review of all prior year findings. There were no prior year findings.

### **Acknowledgment**

We received the complete cooperation of all the staff of the Authority and we greatly appreciate the courtesies extended to the members of the audit team. During our audit, we did not note any problems or weaknesses significant enough that would affect our ability to express an opinion on the financial statements taken as a whole.

Should you have any questions concerning our comments or recommendations, or should you desire any assistance in implementing our recommendations, please call us.

Respectfully Submitted,

**HOLMAN FRENIA ALLISON, P.C.**  
*Certified Public Accountants*

June 26, 2020  
Toms River, New Jersey