SOUTH TOMS RIVER SEWERAGE AUTHORITY (A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Financial Statements and Supplementary Schedules

For the years ended December 31, 2018 and 2017

(With Independent Auditor's Report thereon)

SOUTH TOMS RIVER SEWERAGE AUTHORITY (A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey) Financial Statements and Supplementary Schedules December 31, 2018 and 2017

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INDEPENDENT AUDITOR'S REPORT

The Chairman and Commissioners of South Toms River Sewerage Authority South Toms River, New Jersey 08757

Report on the Financial Statements

We have audited the accompanying financial statements of business-type activities of the South Toms River Sewerage Authority, a component unit of the Borough of South Toms River, County of Ocean, State of New Jersey, as of and for the years ended December 31, 2018 and 2017, 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 opinions.

Opinions

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 South Toms River Sewerage Authority, a component unit of the Borough of South Toms River, County of Ocean, State of New Jersey, as of December 31, 2018 and 2017, and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis 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 South Toms River Sewerage Authority's basic financial statements. The accompanying schedule of revenues and expenses – budget to actual is presented for purposes of additional analysis as required by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, and is not a required part of the basic financial statements.

The accompanying schedule of revenues and expenses – budget to actual is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting 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 schedule 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 11, 2019, 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.

Respectively Submitted,

HOLMAN FRENIA ALLISON, P.C.

Holman Frenia Aller, P.C.

Certified Public Accountants

June 11, 2019 Toms River, New Jersey



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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 South Toms River Sewerage Authority South Toms River, New Jersey

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 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 South Toms River Sewerage Authority (herein referred to as "the Authority"), as of and for the year ended December 31, 2018, 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 11, 2019.

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* 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.

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.

Respectively Submitted,

HOLMAN FRENIA ALLISON, P.C.

Holman Frenia Allem P.C.

Certified Public Accountants

June 11, 2019 Toms River, New Jersey

MANAGEMENT'S DISCUSSION AND ANALYSIS

The Management's Discussion and Analysis (MD&A) provides an overview and analysis of the South Toms River Sewerage Authority's (the Authority) financial activities for the fiscal year ended December 31, 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 on this report are the Statements of Net Position, Statements of Revenues, Expenses, and Changes in Net Position, and Statements of Cash Flows as of and for the years ended December 31, 2018 and 2017.

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

The Statements of Revenues, Expenses and Changes in Net Position measure performance for each year and how this performance impacts the net assets of the Authority.

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

Financial Analysis

The Authority at December 31, 2018 has total assets and deferred outflow of resources of \$3,678,879 compared to \$3,810,211 at December 31, 2017 and \$3,967,768 at December 31, 2016. The decrease from 2016 to 2018 can be primarily attributed to the decrease in capital assets due to depreciation and the sale of the Authority building.

The Authority at December 31, 2018 has total liabilities and deferred inflow of resources of \$265,146 compared to \$282,102 at December 31, 2017 and \$282,697 at December 31, 2016. The decrease from 2016 to 2018 can be primarily attributed to the adjustment due to GASB 68.

The Authority at December 31, 2018 has a total net position of \$3,413,733 compared to \$3,528,109 at December 31, 2017 and \$3,685,071 at December 31, 2016. The decrease from 2016 to 2018 is primarily related to the operating loss for the each year end.

Condensed Financial Information

Key Authority financial information for the years ended December 31, 2018, 2017 and 2016 include the following balances:

Financial Position:

		2018		2017	2016			
ASSETS								
Current assets Property, plant and equipment, net	\$	734,347 2,892,387	\$	747,504 2,981,784	\$	792,486 3,059,992		
Total assets		3,626,734		3,729,288		3,852,478		
DEFERRED OUTFLOW OF RESOURCES								
Deferred outflow of resources		52,145		80,923		115,290		
Total assets and deferred outflow of resources	\$	3,678,879	_\$	3,810,211	\$	3,967,768		
LIABILITIES				·				
Current liabilities Noncurrent liabilities	\$	32,630 173,613	\$	34,136 206,643	\$	20,548 262,149		
Total liabilities		206,243		240,779		282,697		
DEFERRED INFLOW OF RESOURCES								
Deferred inflow of resources		58,903		41,323				
Total deferred inflow of resources		58,903		41,323		-		
NET POSITION								
Net position		3,413,733		3,528,109		3,685,071		
Total liabilities and deferred inflow of resources		3,678,879	\$	3,810,211	\$	3,967,768		
Other Financial Information:	2018			2017		2016		
Revenues Expenses	\$	547,983 (662,359)	\$	554,351 (711,313)	\$	564,580 (659,757)		
Changes in net position	\$	(114,376)	_\$	(156,962)	\$	(95,177)		

The Authority's revenues showed an unfavorable variance of (\$6,293) for 2018 when compared to budget, however, the Authority's expenses showed a favorable variance of \$11,622 for 2018 when compared to budget. The Authority's revenues showed a favorable variance of \$10,527 for 2017 when compared to budget, however, the Authority's expenses showed an unfavorable variance of (\$25,353) for 2017 when compared to budget. Favorable and unfavorable revenue variances can be attributed to the collection of lower or higher than expected user charges and unbudgeted connection fees. Favorable and unfavorable expense variances can be attributed to lower or higher than expected expenses in each year across the Authority as a whole.

Note from the Authority's Management

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 19 Double Trouble Rd., South Toms River, New Jersey during the Authority's business hours.

Respectfully Submitted,

<u>William E. Gleason</u>

William Gleason Chairman

SOUTH TOMS RIVER SEWERAGE AUTHORITY (A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey) Statements of Net Position December 31, 2018 and 2017

<u>ASSETS</u>	2018	2017		
Current Assets: Unrestricted Assets: Cash and Cash Equivalents Accounts Receivable Prepaid Expenses	\$ 608,005 83,261 43,081	\$ 623,015 87,670 36,819		
Total Current Unrestricted Assets	734,347	747,504		
Total Current Assets	734,347	747,504		
Noncurrent Assets (Note 4): Capital Assets Less: Accumulated Depreciation Net Capital Assets	5,722,809 (2,830,422) 2,892,387	5,722,809 (2,741,025) 2,981,784		
Total Noncurrent Assets	2,892,387	2,981,784		
Total Assets	3,626,734	3,729,288		
DEFERRED OUTFLOW OF RESOURCES Deferred Outflows Related to Pensions (Note 6) Total Deferred Outflow of Resources	52,145 52,145	80,923 80,923		
Total Assets and Deferred Outflow of Resources	\$ 3,678,879	\$ 3,810,211		
LIABILITIES Current Liabilities Payable from Unrestricted Assets: Accounts Payable Accounts Payable - Related to Pensions (Note 6) Accrued Expenses Unearned Revenues Total Current Liabilities Payable from Unrestricted Assets	\$ 12,828 8,450 10,191 1,161 32,630	\$ 12,728 8,250 10,492 2,666 34,136		
Noncurrent Liabilities: Compensated Absences Payable Net Pension Liability (Note 6) Total Noncurrent Liabilities Total Liabilities	6,346 167,267 173,613 206,243	6,197 200,446 206,643 240,779		
DEFERRED INFLOW OF RESOURCES				
Deferred Inflows Related to Pensions (Note 6)	58,903	41,323		
Total Deferred Inflow of Resources	58,903	41,323		
NET POSITION Net Investment in Capital Assets Unrestricted Total Net Position	2,892,387 521,346 3,413,733	2,981,784 546,325 3,528,109		
Total Liabilities, Deferred Inflow of Resources, and Net Position	\$ 3,678,879	\$ 3,810,211		

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey) Statements of Revenues, Expenses and Changes in Net Position For the years ended December 31, 2018 and 2017

	2018		2017
Operating Revenues:			
Sewer User Charges	\$	538,589	\$ 535,734
Connection Fees		100	9,770
Delinquent Charges		5,120	 6,933
Total Operating Revenues		543,809	 552,437
Operating Expenses:			
Cost of Providing Services		334,721	337,327
Administrative Expenses		211,088	226,050
Depreciation Expense		89,397	 89,923
Total Operating Expenses		635,206	 653,300
Operating Loss		(91,397)	 (100,863)
Non-Operating Revenues (Expenses):			
(Loss) on Sale of Fixed Assets		-	(32,539)
Interest Income		4,174	1,914
Appropriation to Municipality		(27,153)	 (25,474)
Total Non-Operating Revenues (Expenses)		(22,979)	 (56,099)
Net Loss		(114,376)	(156,962)
Net Position, January 1,		3,528,109	3,685,071
Net Position, December 31,	\$	3,413,733	\$ 3,528,109

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey) Statements of Cash Flows

For the years ended December 31, 2018 and 2017

	2018		2017		
Cash Flows from Operating Activities: Cash Received from Service Users Cash Paid to Suppliers and Employees	\$	546,713 (538,744)	\$	554,695 (529,218)	
Net Cash Provided by Operating Activities		7,969		25,477	
Cash Flows from Capital and Related Financing Activities:					
Payment of Township Appropriations Acquisition and Construction of Capital Assets		(27,153)		(25,474) (44,254)	
Net Cash Used by Capital and Related Financing Activities		(27,153)		(69,728)	
Cash Flows from Investing Activities: Interest on Investments and Deposits		4,174		1,914	
Net Cash Provided by Investing Activities		4,174		1,914	
, ,					
Net Decrease in Cash and Cash Equivalents		(15,010)		(42,337)	
Cash and Cash Equivalents, January 1		623,015		665,352	
Cash and Cash Equivalents, December 31	\$	608,005	\$	623,015	
Reconciliation to Statements of Net Position: Current Unrestricted Assets:					
Cash and Cash Equivalents	_\$	608,005		623,015	
Cash and Cash Equivalents, December 31	\$	608,005	\$	623,015	
Reconciliation of Operating Income to Cash Flows from Operating Activities:					
Operating Loss	\$	(91,397)	\$	(100,863)	
Adjustments to Reconcile Operating Income to Net Cash Provided by Operating Activities:					
Items Which Did Not Use Cash:					
Depreciation Expense Pension Liability Expense - GASB 68		89,397 13,379		89,923 27,549	
relision Liability Expense - GASB 00		13,379		21,549	
Working Capital Changes which provided/(used) cash:					
Decrease in Accounts Receivable		4,409		1,109	
(Increase)/Decrease in Prepaid Expenses		(6,262) 100		1,536 3,621	
Increase in Accounts Payable (Decrease)/Increase in Accrued Expenses		(301)		568	
(Decrease)/Increase in Unearned Revenues		(1,505)		1,149	
Increase in Compensated Absences		149		885	
Total Adjustments		99,366		126,340	
Net Cash Provided by Operating Activities	\$	7,969	_\$	25,477	

Noncash Investing, Capital, and Financing Activities:

During the years ended December 31, 2018 and 2017, noncash capital contributions received were \$0 and \$0 respectively.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Financial Statements

For the years ended December 31, 2018 and 2017

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The financial statements of the South Toms River Sewerage 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.

Reporting Entity

South Toms River Sewerage Authority is a public body, politic and corporate, constituting a political subdivision of the State of New Jersey created under Chapter 138 of the Sewerage Authorities Law of New Jersey of 1946 by a municipal ordinance adopted on December 18, 1974. The Authority was created pursuant to the act for the purpose of constructing and operating a sewerage system consisting of a wastewater collection system.

The Authority provides sewerage collection services to the territorial limits of the Borough of South Toms River.

The Authority consists of five members, who are appointed by resolution of the Borough Committee for three year terms.

Component Unit

The Authority is considered to be a "Component Unit" of the Borough of South Toms River under GAAP however, the Borough of South 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 Borough's financial statements of potential component units, based on the separate legal status of these units. Accordingly, the financial statements of the Borough 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.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Financial Statements (continued)

For the years ended December 31, 2018 and 2017

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, is when 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. This 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.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

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 Comparative Statements 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.

Inventory

Treatment of sewerage and sludge is provided by the Ocean County Utilities Authority. As a result, there is no inventory of chemicals or other materials required.

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.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

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.

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 System	75
Leasehold Improvements	15
Equipment	5-15

Deferred Outflows and Deferred Inflows of Resources

In addition to assets, the statements 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 statements 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 leave earned in accordance with the Authority's Personnel Policy. Employees may be compensated for accumulated vacation 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.

The Authority receives payments for connection fees when new users connect to the water and/or sewer system. Since the Authority does not supply the user with supplies or services to make the physical connection, this would be considered a nonexchange transaction and recorded as deferred revenue under deferred inflows of resources. The Authority recognizes the revenue in the period that the user exercises their right to connect to the system.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Pensions Section

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

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:

<u>Net Investment in Capital Assets</u> - 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.

<u>Restricted Net Position</u> - 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.

<u>Unrestricted Net Position</u> - All other net position that do not meet the definition of "restricted" or "net investment in capital assets".

Income Taxes

As a public body, under existing statues and Section 115, the Authority appropriately is exempt from income taxes.

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 Borough and sales of capital assets.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

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 Principles

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. The Statement will become effective for the Authority in the fiscal year ending December 31, 2020. Management has not yet determined the impact of this Statement on the financial statements.

Subsequent Events

South Toms River Sewerage Authority has evaluated subsequent events occurring after December 31, 2018 through June 11, 2019, which is the date the financial statements were available to be issued.

NOTE 2: CASH AND CASH EQUIVALENTS

This Authority is governed by the deposit and investment limitations of New Jersey state law. The deposits held at December 31, 2018 and 2017, reported at fair value, are as follows:

	2018	2017
Deposits:		
Demand deposits	<u>\$608,005</u>	<u>\$623,015</u>
Total deposits	<u>\$608,005</u>	<u>\$623,015</u>
Reconciliation to Statements of Net Position:		
Current assets:		
Cash and cash equivalents	<u>\$608,005</u>	<u>\$623,015</u>
Total deposits	<u>\$608,005</u>	<u>\$623,015</u>

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

NOTE 2: CASH AND CASH EQUIVALENTS (continued)

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, 2018 and 2017, the Authority's bank balances were insured or exposed to credit risk as follows:

	2018		 2017	
Insured by FDIC	\$	250,000	\$ 250,000	
Collateralized in the Authority's name under GUDPA		126,782	 145,130	
	\$	376,782	\$ 395,130	

New Jersey Cash Management Fund

During the years ended December 31, 2018 and 2017, the Authority participated in the New Jersey Cash Management Fund. The Fund is governed by regulations of the State Investment Council, who prescribe standards designed to insure the quality of investments in order to minimize risk to the Funds participants. Deposits with the New Jersey Cash Management Fund are not subject to custodial credit risk as defined above. At December 31, 2018 and 2017, the Authority's deposits with the New Jersey Cash Management Fund were \$231,359 and \$227,184, respectively.

NOTE 3: ACCOUNTS RECEIVABLE

Accounts receivable balances at December 31, 2018 and 2017 were \$83,261 and \$87,670, respectively. Balances consisted of unrestricted receivables entirely from customer accounts. The Authority believes that all receivables are collectible and has not established an allowance for doubtful accounts.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey) Notes to Financial Statements (continued) For the years ended December 31, 2018 and 2017

NOTE 4: CAPITAL ASSETS

The activity in capital assets for the year ended December 31, 2018 is as followed:

		Balance cember 31, 2017	Additions		tirements Transfers	D	Balance ecember 31, 2018
Capital Assets not being depreciated: Land	\$	_	\$ _	\$	_	\$	_
Total Capital Assets not being depreciated	<u> </u>	-	 <u>-</u>	Ψ		<u> </u>	•
Capital Assets being depreciated:							
Collection System		5,464,617	-		-		5,464,617
Equipment		216,520	-		-		216,520
Leasehold Improvments		41,672			-		41,672
Total Capital Assets being depreciated		5,722,809	 		-		5,722,809
Less: Accumulated Depreciation:							
Collection System		(2,590,864)	(72,862)		-		(2,663,726)
Equipment		(148,406)	(13,757)		-		(162,163)
Leasehold Improvments		(1,755)	(2,778)		-		(4,533)
Total Accumulated Depreciation		(2,741,025)	(89,397)		•		(2,830,422)
Total Capital Assets being depreciated, net		2,981,784	(89,397)		-		2,892,387
Total Governmental Activities Capital Assets, net	\$	2,981,784	\$ (89,397)	\$	-	\$	2,892,387

The activity in capital assets for the year ended December 31, 2017 is as followed:

	Balance December 31, 2016			Additions		etirements 1 Transfers	Balance December 31, 2017	
Capital Assets not being depreciated:	_				_	_		
Land	\$	-	\$	-	\$	- \$	-	
Construction in Progress		-		-		-		
Total Capital Assets not being depreciated		-		-		•		
Capital Assets being depreciated:								
Collection System		5,464,617		-		-	5,464,617	
Buildings		147,971		-		(147,971)	-	
Equipment		213,938		2,582		-	216,520	
Leasehold Improvments		-		41,672		-	41,672	
Total Capital Assets being depreciated		5,826,526		44,254		(147,971)	5,722,809	
Less: Accumulated Depreciation:								
Collection System		(2,518,003)		(72,861)		-	(2,590,864)	
Buildings		(115,432)		-		115,432	-	
Equipment		(133,099)		(15,307)		· -	(148,406)	
Leasehold Improvments		-		(1,755)		_	(1,755)	
Total Accumulated Depreciation		(2,766,534)		(89,923)		115,432	(2,741,025)	
Total Capital Assets being depreciated, net		3,059,992		(45,669)		(32,539)	2,981,784	
Total Governmental Activities Capital								
Assets, net	\$_	3,059,992	\$	(45,669)	\$	(32,539) \$	2,981,784	

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Financial Statements (continued)

For the years ended December 31, 2018 and 2017

NOTE 5: LIABILITIES

During the years ended December 31, 2018 and 2017, the following changes occurred in long-term obligations:

Net Pension Liability

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

Compensated Absences

For the years ended December 31, 2018 and 2017, the Authority accrued compensated absences in the amount of \$6,346 and \$6,197, respectively.

Unearned Sewerage Charges

The Authority's customers are billed in December for the previous quarter beginning October 1st. Appropriately, customer payments received in December for the following quarter are included in the Authority's liabilities as unearned income and not recognized as revenue until the following year. As of December 31, 2018 and 2017, the balances totaled \$1,161 and \$2,666, respectively.

	_	alance per 31, 2017		Additions	<u>Re</u>	ductions	Dece	Balance ember 31, 2018	_	Balance Oue Within One Year
Net Pension Liability Compensated Absences	\$	200,446 6,197	\$	- 149	\$	33,179	\$	167,267 6,346	\$	-
	\$	206,643	s	149	\$	33,179	\$	173,613	\$	-
	ם							D .	_	Balance
	ע	alance						Balance	L	Due Within
	_	alance per 31, 2016		Additions	<u>Re</u>	ductions	Dece	Balance ember 31, 2017	_	One Year
Net Pension Liability	_		\$	Additions -	<u>Re</u> \$	eductions 56,391	Dece		_	
Net Pension Liability Compensated Absences	Decemb	per 31, 2016	\$					ember 31, 2017		

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Financial Statements (continued)

For the years ended December 31, 2018 and 2017

NOTE 6: 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.nj.gov/treasury/pensions/financial-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, except for medical benefits, which vest after 25 years of service or under the disability provisions of PERS.

The following represents the membership tiers for PERS:

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

- 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 1/55th of final average salary for each year of service credit is available to tiers 1 and 2 members upon reaching age 60 and to tier 3 members upon reaching age 62. Service retirement benefits of 1/60th of final average salary for each year of service credit is available to tier 4 members upon reaching age 62 and 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 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 allocations and the schedules of pension amounts by employer (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.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Financial Statements (continued)

For the years ended December 31, 2018 and 2017

NOTE 6: PENSION OBLIGATIONS (continued)

Public Employees' Retirement System (PERS) (continued)

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 2018, 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, 2018, the Authority's contractually required contribution to PERS plan was \$8,450.

Components of Net Pension Liability – At December 31, 2018, the Authority's proportionate share of the PERS net pension liability was \$167,267. The net pension liability was measured as of June 30, 2018. 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, 2017, which was rolled forward to June 30, 2018. 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, 2018. The Authority's proportion measured as of June 30, 2018, was 0.0008495200% which was a decrease of 0.0000115614% from its proportion measured as of June 30, 2017.

Collective Balances at December 31, 2018 and December 31, 2017

		/31/2018	12/30/2017	
Actuarial valuation date (including roll forward)	Jun	e 30, 2018	June 30, 2017	
Deferred Outflows of Resources	\$	52,145	\$ 80,923	
Deferred Inflows of Resources		58,903	41,323	
Net Pension Liability		167,267	200,446	
Authority 's portion of the Plan's total net pension Liability		0.00085%	0.00086%	

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

NOTE 6: PENSION OBLIGATIONS (continued)

Public Employees' Retirement System (PERS) (continued)

Pension Expense and Deferred Outflows/Inflows of Resources – At December 31, 2018, the Authority's proportionate share of the PERS expense, calculated by the plan as of the June 30, 2018 measurement date is \$21,629. At December 31, 2018, the Authority reported deferred outflows of resources and deferred inflows of resources related to PERS from the following sources:

	ed Outflows Resources	Deferred Inflows of Resources			
Differences between Expected and Actual Experience	\$ 3,190	\$	862		
Changes of Assumptions	27,563		53,483		
Net Difference between Projected and Actual Earnings on Pension Plan Investments	-		1,569		
Changes in Proportion and Differences between Authority Contributions and Proportionate Share of Contributions	21,392		2,989		
2. openional shall of contributions	\$ 52,145	\$	58,903		

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

	Deferred	Deferred
	Outflow of	Inflow of
	Resources	<u>Resources</u>
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	-

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

NOTE 6: PENSION OBLIGATIONS (continued)

Public Employees' Retirement System (PERS) (continued)

	Deferred	Deferred
	Outflow of	Inflow of
	Resources	Resources
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
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	-
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

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Financial Statements (continued)

For the years ended December 31, 2018 and 2017

NOTE 6: 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:

Year Ending		
<u>Dec 31,</u>	<u>A</u>	mount
2019	\$	10,173
2020		3,443
2021		(6,417)
2022		(10,705)
2023		(3,252)
		(6,758)

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

Inflation	2.25%
Salary Increases:	
Through 2026	1.65% - 4.15% Based on Age
Thereafter	2.65% - 5.15% Based on Age
Investment Rate of Return	7.00%
Mortality Rate Table	RP-2000
Period of Actuarial Experience Study upon which Actuarial	
Assumptions were Based	July 1, 2011 - June 30, 2014

Pre-retirement mortality rates were based on the RP-2000 Employee Preretirement Mortality Table for male and female active participants. For State employees, mortality tables are set back 4 years for males and females. For local employees, mortality tables are set back 2 years for males and 7 years for females. In addition, the tables provide for future improvements in mortality from the base year of 2013 using a generational approach based on the plan actuary's modified MP-2014 projection scale. Post-retirement mortality rate were based on the RP-2000 Combined Healthy Male and Female Mortality Tables (setback 1 year for males and females) for service retirements and beneficiaries of former members and a one-year static projection based on the mortality improvement Scale AA. In addition, the tables for service retirements and beneficiaries of former members provide for future improvements in mortality from the base year of 2013 using a generational approach based on the plan actuary's modified MP-2014 projection scales.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

NOTE 6: PENSION OBLIGATIONS (continued)

Public Employees' Retirement System (PERS) (continued)

Disability retirement rates used to value disabled retirees were based on the RP-2000 Disabled Mortality Table (set back 3 years for males and set forward 1 year for females).

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

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, 2018) is determined by the State Treasurer, after consultation with the Directors of the Division of Investments and Division of Pensions and Benefits, the board of trustees and the actuaries. The long-term expected rate of return was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic rates of return for each major asset class included in PERS's target asset allocation as of June 30, 2018 are summarized in the following table:

Asset Class	Target <u>Allocation</u>	Long-Term Expected Real Rate of Return
Risk Mitigation Strategies	5.00%	5.51%
Cash Equivalents	5.50%	1.00%
U.S. Treasuries	3.00%	1.87%
Investment Grade Credit	10.00%	3.78%
High Yield	2.50%	6.82%
Global Diversified Credit	5.00%	7.10%
Credit Oriented Hedge Funds	1.00%	6.60%
Debt Related Private Equity	2.00%	10.63%
Debt Related Real Estate	1.00%	6.61%
Private Real Asset	2.50%	11.83%
Equity Related Real Estate	6.25%	9.23%
U.S. Equity	30.00%	8.19%
Non-U.S. Developed Markets Equity	11.50%	9.00%
Emerging Markets Equity	6.50%	11.64%
Buyouts/Venture Capital	8.25%	13.08%
	100.00%	

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)
Notes to Financial Statements (continued)
For the years ended December 31, 2018 and 2017

NOTE 6: PENSION OBLIGATIONS (continued)

Public Employees' Retirement System (PERS) (continued)

Discount Rate – The discount rate used to measure the total pension liability was 5.66% as of June 30, 2018. 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 3.87% as of June 30, 2018 based on the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made based on the contribution rate in the most recent fiscal year. The State employer contributed 40% of the actuarially determined contributions and the local employers contributed 100% of their actuarially determined contributions. 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 2046. Therefore, the long-term expected rate of return on plan investments was applied to projected benefit payments through 2046 and the municipal bond rate was applied to projected benefit payments after that date in determining the total pension liability.

Sensitivity of the Authority's proportionate share of the Net Pension Liability to Changes in the Discount Rate – The following presents the Authority's proportionate share of the 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 (4.66%) or 1-percentage-point higher (6.66%) than the current rate:

	Current					
	1 % Decrease (4.66%)	Discount Rate (5.66%)	1% Increase <u>(6.66%)</u>			
Authority's Proportionate Share						
of the Net Pension Liability	<u>\$ \$210,318</u>	<u>\$ 167,267</u>	<u>\$ 131,149</u>			

Cummont

NOTE 7: RATE STRUCTURE

The Authority adopted the following rate structures for residential and commercial users effective January 1, 2008.

Residential User Charges

- A residential private dwelling, single family house having four bedrooms or less shall be charged at the rate of one unit.
- Multiple residential dwellings; each apartment shall be charged at the rate of one unit.
- Each unit will be billed \$100 per quarter.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Financial Statements (continued)

For the years ended December 31, 2018 and 2017

NOTE 7: RATE STRUCTURE (continued)

Commercial User Charges

- Commercial businesses will be billed on a quarterly basis at the rate of \$110 per quarter for the first four fixtures. Each additional fixture will be billed \$27.50 each per quarter. Fixtures are defined as sinks, toilets, bathtubs, showers, dishwashers, washing machines and floor drains.
- Commercial businesses will also be billed for water usage on a monthly basis for usage amounts exceeding 6,000 gallons. Monthly usage over 6,000 gallons will be billed at \$4.00 for every additional 1,000 gallons.

NOTE 8: CONNECTION FEE AGREEMENT

On November 30, 2018, the Authority entered into a redevelopment agreement with M&T at STR Urban Renewal, LLC ("M&T"). This Project requires the connection to the Authority's sewer system and for the feasibility of developing the project, the Authority granted M&T a 40% reduction on the original cost of \$1,258,560 to an amended cost of \$755,136. This reduction applies solely to the residential component of the Project and will be paid in segments by M&T to the Authority when the project begins during the 2019 fiscal year.

NOTE 9: COMMITMENTS

On March 13, 2017, the Authority entered into an agreement with the Borough of South Toms River for the leasing of premises at 19 Double Trouble Road. The lease is for a period of ninety-nine (99) years or until the building is no longer in use by the Borough of South Toms River, whichever comes first. This period of time shall be renewable by way of a resolution passed by both the Borough and the Authority. During said period, the Authority shall pay the Borough rent in the amount of \$500 per month.

On December 12, 2018, the Authority entered into an agreement with the Borough of South Toms River for the leasing of the property located between 1 Drew Lane and 1 Drake Lane. The lease is for a period of ninety-nine (99) years and authorizes the Authority to construct a pole barn or another similar structure for the sole purpose of storing Authority property and any and all equipment. This period of time shall be renewable by way of a resolution passed by both the Borough and the Authority. During said period, the Authority shall pay the Borough rent in the amount of \$1 per year payable to the Borough on the 10th of every January.

NOTE 10: RISK MANAGEMENT

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

<u>Property and Liability Insurance</u> - During the year ended December 31, 2018, the Authority continued to transfer all insurable risks through the purchase of commercial insurance policies. Settled claims resulting from these risks have not exceeded commercial insurance coverage during each of the past three fiscal years. During the year ended December 31, 2018, there were no significant reductions in coverages from those provided in the previous year.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey) Schedule of Authority's Proportionate Share of the Net Pension Liability Public Employees' Retirement System (PERS) Last Six Fiscal Years *

Measurement Date Ended June 30,

	2018	 2017	 2016	 2015	 2014	_	2013
Authority's proportion of the net pension liability	0.00085%	0.00086%	0.00087%	0.00080%	0.00080%		0.00044%
Authority's proportionate share of the net pension liability	\$ 167,267	\$ 200,446	\$ 256,837	\$ 180,397	\$ 150,075	\$	84,110
Authority's covered payroll	\$ 59,656	\$ 59,656	\$ 69,116	\$ 60,777	\$ 61,454	\$	58,741
Authority's proportionate share of the net pension liability as a percentage of its covered payroll	280.39%	336.00%	371.60%	296.82%	244.21%		143.19%
Plan fiduciary net position as a percentage of the total pension liability	53.60%	48.10%	47.93%	52.08%	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.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Schedule of Authority Contributions

Public Employees' Retirement System (PERS) Last Six Fiscal Years *

Year ended December 31,

		2018	2017		2016		2015		2014		2013	
Authority's contractually required contribution	\$	8,450	\$	7,977	\$	7,704	\$	6,909	\$	6,608	\$	3,316
Contributions in relation to the contractually required contribution		(8,450)		(7,977)		(7,704)		(6,909)		(6,608)		(3,316)
Contribution deficiency (excess)	\$	-	\$		\$	-	\$		\$		\$	<u> </u>
Authority's covered payroll	\$	68,524	\$	59,656	\$	59,656	\$	69,116	\$	60,777	\$	61,454
Contributions as a percentage of covered payroll		12.33%		13.37%		12.91%		10.00%		10.87%		5.40%

^{*} 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 year for which information is available.

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey)

Notes to Required Supplementary Information

For the year ended December 31, 2018

Public Employees' Retirement System (PERS)

Changes in Benefit Terms

None.

Changes in Assumptions

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

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SOUTH TOMS RIVER SEWERAGE AUTHORITY

Schedule of Revenues and Expenses - Budget to Actual For the year ended December 31, 2018

(With comparative totals for the year ended December 31, 2017)

	For the year ended December 31, 2018				For the year ended December 31, 2017					
	Original Budget	Final Budget	Actual	Favorable (Unfavorable)	Original Budget	Final Budget	Actual	Favorable (Unfavorable)		
REVENUES: User Charges and Fees Connection Fees Delinquent Charges Interest Income Other Revenue	\$ 544,180 3,896 6,000 100 100	\$ 544,180 3,896 6,000 100	\$ 538,589 100 5,120 4,174	\$ (5,591) (3,796) (880) 4,074 (100)	\$ 533,728 3,896 6,000 100	\$ 533,728 3,896 6,000 100 100	\$ 535,734 9,770 6,933 1,914	\$ 2,006 5,874 933 1,814 (100)		
TOTAL REVENUES	554,276	554,276	547,983	(6,293)	543,824	543,824	554,351	10,527		
EXPENSES: Operating Appropriations: Cost of Providing Services:										
Salaries, Wages and Payroll Taxes	27,250	27,250	27,090	160	23,250	27,450	27,439	11		
OCUA Fees	291,132	291,132	286,843	4,289	290,000	284,750	284,729	21		
Engineering Sewer Maintenance Supplies	7,500 15,000	7,500 15,000	11,618 1,906	(4,118) 13,094	6,000 7,000	6,400 7,600	6,388 7,564	12 36		
Garage Rental	3,600	3,600	3,720	(120)	3,600	3,600	3,600	-		
Renewal and Replacement	1,000	1,000	-	1,000	1,000	-	-	-		
Total Cost of Providing Services	345,482	345,482	331,177	14,305	330,850	329,800	329,720	80		
A Justiniaturaina Francisca										
Administrative Expenses: Salaries, Wages and Payroll Taxes	79,500	79,500	75,192	4,308	75.600	71,950	71,935	15		
Employee Fringe Benefits	18,500	18,500	8,897	9,603	16,900	9,400	9,359	41		
Health Insurance	22,750	22,750	22,726	24	22,175	21,875	21,830	45		
Legal Expense	8,000	8,000	14,444	(6,444)	8,000	9,050	16,886	(7,836)		
Audit and Consulting	25,000	25,000	25,975	(975)	25,000	23,750	23,710	40		
Office Expenses and Supplies	22,200	22,200	19,830	2,370	15,000	28,900	24,101	4,799		
Office Cleaning and Maintenance	-	-	1,225	(1,225)	3,000	1,650	1,635	15		
Insurance	13,000	13,000	18,864	(5,864)			20,949	(20,949)		
Postage	3,000	3,000	550	2,450	3,000	2,800	2,800	-		
Telephone	2,000	2,000	1,665	335	2,000	1,650	1,608	42		
Utilities Fuel	1,920 1,200	1,920 1,200	2,706 1,414	(786) (214)	6,000 1,200	3,950 1,450	3,902 1,442	48 8		
Licenses and Permits	1,200	1,200	3,000	(3,000)	1,200	3,000	3,000	•		
Miscellaneous	1,500	1,500	4,765	(3,265)	1,500	1,250	2,951	(1,701)		
Total Administrative Expenses	198,570	198,570	201,253	(2,683)	179,625	180,675	206,108	(25,433)		
TOTAL OPERATING APPROPRIATIONS	544,052	544,052	532,430	11,622	510,475	510,475	535,828	(25,353)		
OTHER COSTS FUNDED BY REVENUES:										
Appropriation to Municipality	27,153	27,153	27,153	•	25,474	25,474	25,474	-		
TOTAL COSTS FUNDED BY REVENUES	27,153	27,153	27,153		25,474	25,474	25,474			
TOTAL EXPENSES	571,205	571,205	559,583	11,622	535,949	535,949	561,302	(25,353)		
BUDGETARY REVENUES OVER EXPENSES	\$ (16,929)	S (16,929)	S (11,600)	\$ 5,329	\$ 7,875	\$ 7,875	\$ (6,951)	\$ (14,826)		

SOUTH TOMS RIVER SEWERAGE AUTHORITY Schedule of Revenues and Expenses - Budget to Actual (continued) For the year ended December 31, 2018 (With comparative totals for the year ended December 31, 2017)

	2018 Actual	2017 Actual
Reconciliation of Budgetary Basis to Net Loss:		
Budgetary Revenues Over Expenses	\$ (11,600)	\$ (6,951)
Adjustments to Budgetary Basis: Depreciation Expense Pension Liability Expense - GASB 68 Loss on Sale of Assets Total Adjustments	(89,397) (13,379) ————————————————————————————————————	(89,923) (27,549) (32,539) (150,011)
Net Loss	S (114,376)	\$ (156,962)

(A Component Unit of the Borough of South Toms River, County of Ocean, State of New Jersey) Roster of Officals December 31, 2018

	Position	<u>Term</u>
William Gleason	Chairman	2019
Jason Glogolich	Vice Chairman	2023
William Britton	Secretary	2020
Kayla Rolzhausen	Treasurer	2021
George Rutzler	Asst Treasurer	2022



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The Chairman and Commissioners of South Toms River Sewerage Authority South Toms River, New Jersey

We have audited the financial accounts and transactions of the South Toms River Sewerage Authority, a component unit of the Borough of South Toms River, County of Ocean, State of New Jersey for the year ended December 31, 2018. 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 \$17,500 except by contract or agreement.

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.

Review of the minutes and financial transactions did not identify any bids requested by public advertising.

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 or 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 did not reveal any contracts or agreements in excess of \$2,625 "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 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.

Payroll Fund

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

Property, Plant & Equipment

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 December 13, 2017 and adopted its operating budget on January 10, 2018.

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. Corrective action had been taken on all prior year findings.

Acknowledgment

We received the complete cooperation of all the Authority Officials and employees and we greatly appreciate the courtesies extended to the members of the audit team.

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

Respectively Submitted,

HOLMAN FRENIA ALLISON, P.C.

Holman Frenia Aller, P.C.

Certified Public Accountants

June 11, 2019 Toms River, New Jersey