THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN

FINANCIAL STATEMENTS
AND SUPPLEMENTARY INFORMATION
AND
INDEPENDENT AUDITOR'S REPORTS

YEARS ENDED DECEMBER 31, 2017 AND 2016

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN FINANCIAL STATEMENTS AND SUPPLEMENTARY INFORMATION AND

INDEPENDENT AUDITOR'S REPORTS YEARS ENDED DECEMBER 31, 2017 AND 2016

TABLE OF CONTENTS

	PAGE NUMBER(S)
INDEPENDENT AUDITOR'S REPORT	1-2
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	3-4
MANAGEMENT'S DISCUSSION AND ANALYSIS	5-8
STATEMENTS OF NET POSITION, DECEMBER 31, 2017 AND 2016	9-10
STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION, YEARS ENDED DECEMBER 31, 2017 AND 2016	11
STATEMENTS OF CASH FLOWS, YEARS ENDED DECEMBER 31, 2017 AND 2016	12-13
NOTES TO FINANCIAL STATEMENTS	14-26
SCHEDULE OF REVENUES AND EXPENDITURES COMPARED TO BUDGET	27-29
COMMENTS AND RECOMMENDATIONS	30

Oliwa & Company

Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT

To the Members of The Eatontown Sewerage Authority Eatontown, New Jersey

We have audited the accompanying financial statements of The Eatontown Sewerage Authority, (the "Authority"), a component unit of the Borough of Eatontown, New Jersey, as of and for the years ended December 31, 2017 and 2016, 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 an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits 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.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of The Eatontown Sewerage Authority as of December 31, 2017 and 2016, and the respective changes in financial position and cash flows 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 budgetary comparison information on pages 5 through 8 and 27 through 29 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 inquires, 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 assurance.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated October 5, 2018 on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on 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.

Oliwa & Company

Freehold, New Jersey October 5, 2018

Oliwa & Company

Certified Public Accountants

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

To the Members of The Eatontown Sewerage Authority Eatontown, 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, the financial statements of The Eatontown Sewerage Authority, (the "Authority"), a component unit of the Borough of Eatontown, New Jersey, as of and for the year ended December 31, 2017, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated October 5, 2018.

Internal Control over Financial Reporting

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

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

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the 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.

We noted certain other internal control matters that we have reported to the management of the Authority, in a separate letter dated October 5, 2018.

Purpose of this Report

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

Oliwa & Company

Freehold, New Jersey October 5, 2018

Management's Discussion and Analysis

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Authority's basic financial statements. Since the Authority is engaged only in business-type activities, its basic financial statements are comprised of two components:

- 1) proprietary fund financial statements
- 2) notes to the financial statements

This report also contains other supplementary information in addition to the basic financial statements themselves.

Proprietary fund financial statements are designed to provide readers with a broad overview of the Authority's finances, in a manner similar to a private-sector business.

The statement of net position presents information on the Authority's assets, liabilities and net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Authority is changing.

The statement of revenues, expenses and changes in net position presents information showing how the Authority's net position changed during the fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of the cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods. (For example, goods and services received during the fiscal year for which payment has not been made by the end of the fiscal year). Similarly, revenues and expenses are not reported in this statement for some items that have resulted in cash flows for which the underlying event had not occurred by the end of the fiscal year.

The other required financial statement is the statement of cash flows. The primary purpose of this statement is to provide information about the Authority's cash receipts and cash payments during the reporting period. This statement reports cash receipts and cash payments, and net changes in cash resulting from operations, investing and financing activities, and provides answers to such questions as "where did cash come from, what was cash used for, and what was the change in cash balance during the reporting period?"

Notes to the financial statements provide additional information that is essential to a full understanding of the data provided in the financial statements.

Financial Highlights

			2017 Over
<u>Assets</u>	2017	2016	(Under) 2016
Current assets	\$4,701,265	\$4,592,822	\$108,443
Capital assets	10,362,402	10,113,155	249,247
Deferred outflows of resources	414,738	539,986	(125,248)
Total assets and deferred outflows of resources	\$15,478,405	\$15,245,963	\$232,442
<u>Liabilities</u>			
Current liabilities	\$590,912	\$449,417	\$141,495
Long term liabilities	4,500,701	4,948,508	(447,807)
Deferred inflows of resources	242,161	-	242,161
Total liabilities and deferred inflows of resources	\$5,333,774	\$5,397,925	(\$64,151)
Net Position			
Capital assets - net	\$7,838,670	\$7,331,104	\$507,566
Restricted	115,046	113,535	1,511
Unrestricted	2,190,915	2,403,399	(212,484)
Total net assets	\$10,144,631	\$9,848,038	\$296,593
Revenues			
Sewer service charges	\$3,469,603	\$3,344,434	\$125,169
Penalties and other	44,727	42,237	2,490
Interest	27,824	8,021	19,803
Connection fees	11,072	32,193	(21,121)
Loan principal adjustments	38,000	-	38,000
Total revenues	\$3,591,226	\$3,426,885	\$164,341
Expenses			
Operating-			
Regional sewerage charges	\$1,986,563	\$850,428	\$1,136,135
Salaries and wages	402,840	410,183	(7,343)
Depreciation	257,793	249,126	8,667
Insurance	135,902	137,967	(2,065)
Pension	135,690	182,905	(47,215)
Other operating	110,996	85,997	24,999
Post-employment healthcare	84,989	102,855	(17,866)
Maintenance and repairs	79,505	56,198	23,307
Professional services	53,425	61,790	(8,365)
Payroll taxes	28,810	29,464	(654)
	3,276,513	2,166,913	1,109,600
Non-operating			
Interest	18,120	33,609	(15,489)
	_		
Total expenses	\$3,294,633	\$2,200,522	\$1,094,111

Capital Assets

The following provides a summary analysis of capital assets at December 31, 2017 and 2016:

			2017 Over
	2017	2016	(Under) 2016
Capital assets	\$15,257,697	\$14,750,657	\$507,040
Less, accumulated depreciation	(4,895,295)	(4,637,502)	(257,793)
Net capital assets	\$10,362,402	\$10,113,155	\$249,247

Please refer to the notes to the financial statements for additional information relative to the Authority's capital assets.

Long-Term Debt

The following provides a summary analysis of long-term debt at December 31, 2017 and 2016:

	2017	2016	2017 (Under) Over 2016
New Jersey Environmental Infrastructure Trust			
Fund loan payable	\$1,766,511	\$1,935,342	(\$168,831)
New Jersey Environmental Infrastructure Trust			
loan payable	742,000	830,000	(88,000)
Total long-term debt	\$2,508,511	\$2,765,342	(\$256,831)

Please refer to the notes to the financial statements for additional information relative to the Authority's long-term debt.

Financial Analysis

The Authority realized net income in 2017 and 2016 of \$296,593 and \$1,226,363, respectively. Although the Authority's 2017 gross revenues were slightly higher than prior year levels, the Authority realized a lower net income in 2017 due to overall increases in expenses from 2016 levels.

Major Increases and Decrease in Expenses

The largest expense increases in 2017 were for regional sewerage charges (increased by \$1,136,135 from 2016) and maintenance and repairs (increased by \$23,307 from 2016).

The largest decrease in 2017 was for pension expense (decreased by \$47,215 from 2016).

Budgetary Highlights

The Authority did not budget unrestricted net position to balance the 2017 budget. The actual result was an excess in revenues of \$296,067 as follows:

Unrestricted net position anticipated	\$0
Add: Expenses under budget Revenues over budget	50,812 245,255
Excess in revenues	<u>\$296,067</u>

The excess in revenues is attributable to expenses realized under budgeted amounts and revenues realized over budgeted amounts.

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN STATEMENTS OF NET POSITION DECEMBER 31, 2017 AND 2016

	2017	2016
Assets:		
Unrestricted current assets-		
Cash and cash equivalents	\$4,316,686	\$4,218,279
Customer accounts receivable, net	138,403	134,091
Customer interest receivable, net	8,549	9,031
Total unrestricted current assets	4,463,638	4,361,401
Restricted current assets-		
Cash and cash equivalents	237,627	231,421
Total current assets	4,701,265	4,592,822
Noncurrent assets-		
Construction in progress	439,461	245,032
Property, plant, and equipment, net	9,922,941	9,868,123
Total noncurrent assets	10,362,402	10,113,155
Total assets	15,063,667	14,705,977
Deferred outflows of resources-		
Pension deferrals	414,738	539,986
Total assets and deferred outflows of resources	\$15,478,405	\$15,245,963

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN STATEMENTS OF NET POSITION DECEMBER 31, 2017 AND 2016

	2017	2016
Liabilities:		
Current liabilities payable from unrestricted current assets-		
Accounts payable and accrued expenses	\$229,114	\$99,685
Prepaid revenue	20,386	13,015
Total current liabilities payable from unrestricted current assets	249,500	112,700
Current liabilities payable from restricted current assets-		
Loans payable	218,831	218,831
Accrued interest payable	12,575	•
Developer deposits	•	14,083
Total current liabilities payable from restricted current assets	110,006	103,803
Total current habitities payable from restricted current assets	341,412	336,717
Total current liabilities	590,912	449,417
Noncurrent liabilities-		
Compensated Absences	93,439	86,755
Other post-employment benefits	895,941	810,952
Net pension liability	1,206,420	1,487,581
Loans payable, net of unamortized premium	2,304,901	2,563,220
Total noncurrent liabilities	4,500,701	4,948,508
Total Honouriest Habitatos	4,500,701	4,946,306
Total liabilities	5,091,613	5,397,925
Deferred inflows of resources-		
Pension deferrals	040 161	
rension deterrats	242,161	
Net Position:		
Net investment in capital assets	7,838,670	7,331,104
Restricted	115,046	113,535
Unrestricted	2,190,915	2,403,399
Total net position	10,144,631	9,848,038
•		2,010,030
Total liabilities, deferred inflow of resources and net position	<u>\$15,478,405</u>	\$15,245,963

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION YEARS ENDED DECEMBER 31, 2017 AND 2016

	2017	2016
Operating revenues:		· · · · · · · ·
Charges for services	\$3,469,603	\$3,344,434
Other operating revenues	55,799_	74,430
Total operating revenues	3,525,402	3,418,864
Operating expenses:		
Operating expenses: Regional sewerage charges	1 006 562	950 429
Salaries and wages	1,986,563	850,428
———————————————————————————————————————	402,840	410,183
Depreciation	257,793	249,126
Insurance Pension	135,902	137,967
	135,690	182,905
Post-employment healthcare	84,989	102,855
Maintenance and repairs	79,505	56,198
Professional services	53,425	61,790
Electricity	30,877	29,025
Payroll taxes	28,810	29,464
Office and telephone	22,566	20,980
Training, education, consultants and software	22,460	6,677
Other	12,372	7,171
Fuel and natural gas	12,284	11,101
Trustee and administrative fees and costs	5,240	5,240
Plant supplies	5,197	5,803_
Total operating expenses	3,276,513	2,166,913
Operating income	248,889	1,251,951
Nonoperating revenues (expenses):		
Interest income	27,824	8,021
Interest expense	(18,120)	(33,609)
Loan principal adjustments	38,000	(33,007)
Net nonoperating revenues (expenses)	47,704	(25,588)
()		(23,300)
Net income	296,593	1,226,363
Net position - beginning	9,848,038	<u>8,6</u> 21,675
Net position - ending	\$10,144,631	\$9,848,038

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN STATEMENTS OF CASH FLOWS YEARS ENDED DECEMBER 31, 2017 AND 2016

	2017	2016
Cash flows from operating activities:		
Cash received from customers	\$3,528,943	\$3,513,333
Cash payments for goods and services	(2,314,739)	(2,181,373)
Cash payments to employees	(396,631)	(400,636)
Net cash provided by operating activities	817,573	931,324
Cash flows from investing activities:		
Interest income	27,824	8,021
Cash flows from conital and related financing activities.		
Cash flows from capital and related financing activities: Principal paid on loan maturities	(010.001)	(0.10.00.1)
	(218,831)	(213,831)
Interest paid on loan	(21,116)	(36,035)
Developer deposits	6,203	(8,807)
Purchase of capital assets	(74,557)	(114,555)
Construction in progress payments	<u>(432,483)</u>	(517,800)
Net cash used by financing activities	(740,784)	(891,028)
Net increase in cash and cash equivalents	104,613	48,317
Cash and cash equivalents at beginning of year	4,449,700	4,401,383
Cash and cash equivalents at end of year	\$4,554,313	\$4,449,700
Reconciliation to statement of net position:		
Unrestricted	\$4,316,686	\$4,218,279
Restricted	237,627	_ 231,421
	\$4,554,313	\$4,449,700

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN STATEMENTS OF CASH FLOWS YEARS ENDED DECEMBER 31, 2017 AND 2016

	2017	2016
Operating income Adjustments to reconcile operating income to net cash	\$248,889	\$1,251,951
provided by operating activities: Depreciation	257 702	240 126
Changes in assets and liabilities:	257,793	249,126
(Increase) decrease in customer accounts receivable	(4,312)	86,359
Decrease in customer interest receivable	482	7,622
Increase in prepaid revenue	7,371	488
Increase (decrease) in accounts payable and accrued expenses	129,429	(913,275)
(Decrease) increase in net pension liability	(281,161)	389,244
Increase in other post-employment benefits	84,989	100,491
Increase in compensated absences	6,684	10,278
Decrease (increase) in deferred outflows - pension deferrals	125,248	(233,301)
Increase (decrease) in deferred inflows - pension deferrals	242,161	(17,659)
Net cash provided by operating activities	\$817,573	\$931,324
Supplemental disclosure of cash flow information:		
Noncash capital and related financing activities: Amortization of bond and loan premiums	\$1,488	\$1,488

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN NOTES TO FINANCIAL STATEMENTS YEARS ENDED DECEMBER 31, 2017 AND 2016

1. REPORTING ENTITY AND GENERAL

The Eatontown Sewerage Authority (the "Authority") is a public body corporate and politic of the State of New Jersey and was created by an ordinance of the Borough of Eatontown adopted February 9, 1955 pursuant to the Sewerage Authorities Law of the State of New Jersey. The Authority was created for the purpose of acquiring, constructing, maintaining, improving and operating facilities for collecting, and disposing of sewage or other wastes.

The Authority provides sanitary sewer service for the Borough of Eatontown and two small areas in the adjacent municipalities of Tinton Falls and Ocean Township. The Authority's sewage is conveyed to and discharged into the system of the Two Rivers Water Reclamation Authority which owns and operates a regional treatment plant facility.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

BASIS OF FINANCIAL STATEMENTS

The financial statements of the Authority have been prepared in conformity with accounting principles generally accepted in the United States of America as prescribed in pronouncements of the Governmental Accounting Standards Board ("GASB") applicable to proprietary funds of state and local governments.

CASH AND CASH EQUIVALENTS

For purposes of the statements of cash flows the Authority considers all highly liquid investments with a maturity of three months or less, when purchased, to be cash equivalents.

BUDGET LAW AND ACCOUNTING

The Authority submits its annual operating and capital budget to the State of New Jersey, Department of Community Affairs, Division of Local Government Services for review and certification. The annual budget may be amended by resolution of the Authority. The budgetary basis of accounting is utilized to determine if the Authority has sufficient cash to operate and pay debt service.

REVENUE RECOGNITION

The Authority recognizes revenue on the accrual basis as earned.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

ESTIMATES

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

PROPERTY, PLANT, AND EQUIPMENT

Property, plant, and equipment is stated at cost. Depreciation of fixed assets is determined on a straight-line basis over various economic lives.

RESTRICTED ACCOUNTS

Certain proceeds of the Authority's bonds, as well as certain resources set aside for their repayment, are classified as restricted assets because they are maintained in separate bank accounts and their use is limited by applicable bond covenants.

NET POSITION PRESENTATION

The financial statements utilize a net position presentation. Net positions are categorized as invested in capital assets (net of related debt), restricted and unrestricted.

Net investment in capital assets, are capital assets, net of related debt of capital assets, net of accumulated depreciation and reduced by outstanding balances of bonds issued to buy, construct, or improve those assets.

Restricted net position result when creditors, grantors, contributors or laws or regulations of other governments and restrictions imposed by law through constitutional provisions or enabling legislation impose constraints placed on net position use.

Unrestricted net position represents net position of the Authority that does not meet the definition of the two preceding categories.

LONG-TERM OBLIGATIONS

Bonds and loans payable are reported at face value, net of applicable premiums. The current portion of bonds and loans payable represents principal payments to be made in the next year.

LOAN PREMIUMS

Bond and loan premiums are presented as adjustments to the face amount of bonds and loans payable and are amortized into interest expense.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

DEFERRED OUTFLOWS/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 reflects a decrease in net position that applies to future periods. The Authority reported deferred outflows of resources related to pensions.

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 reflects an increase in net position that applies to future periods. The Authority reported deferred inflows of resources related to pensions.

3. CAPITAL ASSETS

The Authority records assets based on historical costs and calculates depreciation on capital assets in accordance with GASB Statement No. 34. The Authority capitalizes all assets with a life expectancy of two years or more.

Capital asset activity of the Authority for 2017 and 2016 was as follows:

Balance December 31, 2016	Additions	Transfers	Balance December 31, 2017
\$245,031	\$432,483	(\$238,053)	\$439,461
14,505,626_	74,557	238,053	14,818,236
14,750,657	507,040	<u>-</u>	15,257,697
(4,637,502)	(257,793)	-	(4,895,295)
\$10,113,155	\$249,247	-	\$10,362,402
Balance December 31,	A dditions	Tronsform	Balance December 31,
	Additions	1 ransiers	2016
\$184,223 13,934,079	\$517,800 114,555	(\$456,992) 456,992	\$245,031 14,505,626
• •	632,355	-	14,750,657
(4,388,376)	(249,126)		(4,637,502)
<u>\$9,729,926</u>	\$383,229		\$10,113,155
	December 31, 2016 \$245,031 14,505,626 14,750,657 (4,637,502) \$10,113,155 Balance December 31, 2015 \$184,223 13,934,079 14,118,302 (4,388,376)	December 31, 2016 \$245,031 \$432,483 14,505,626 74,557 14,750,657 64,637,502) \$10,113,155 \$249,247 Balance December 31, 2015 Additions \$184,223 \$517,800 13,934,079 114,555 14,118,302 632,355 64,388,376) (249,126)	December 31, 2016 Additions Transfers \$245,031 \$432,483 (\$238,053) 14,505,626 74,557 238,053 14,750,657 507,040 - 4 (4,637,502) (257,793) - \$10,113,155 \$249,247 - Balance December 31, 2015 Additions Transfers \$184,223 \$517,800 (\$456,992) 13,934,079 114,555 456,992 14,118,302 632,355 - 4 (4,388,376) (249,126) -

4. CASH AND CASH EQUIVALENTS

New Jersey Authorities are required by N.J.S.A. 40A:5-14 to deposit public funds in 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 or of the 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 protected from loss under the provisions of the Governmental Unit Deposit Protection Act ("GUDPA") a supplemental insurance program set forth by the New Jersey Legislature to protect deposits of Authority's. The program is administered by the Commissioner of the New Jersey Department of Banking and Insurance.

Cash includes change funds, cash in banks, savings and money market accounts or highly liquid securities with a maturity date of three months or less at the time of purchase which may be withdrawn at any time without prior notice or penalty. Cash equivalents are defined as short-term, highly liquid securities that are readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Generally, only securities with original maturities of three months or less meet this definition. The statement of cash flows includes all cash and cash equivalents.

GUDPA requires public depositories to maintain collateral for deposit of public funds that exceed insurance limits. GUDPA requires that the market value of the collateral must equal five percent of the average daily balance of public funds; or if the public funds deposited exceed seventy five percent of the capital funds of the depository, the depository must provide collateral having a market value equal to one hundred percent of the amount exceeding seventy five percent. All collateral must be deposited with the Federal Reserve Bank, the Federal Home Loan Bank Board or a banking institution that is a member of the Federal Reserve System and has capital funds of not less than \$25,000,000.

Custodial Credit Risk - Custodial credit risk for deposits is the risk that in the event of a bank failure, the Authority's deposits may not be returned to it. The Authority's formal policy regarding custodial credit risk is to deposit all of its funds in public depositories protected from loss under the provisions of GUDPA. Public funds owned by the Authority in excess of FDIC insured amounts are protected by GUDPA. As of December 31, 2017 and 2016, the Authority's bank balances were exposed to custodial credit risk as follows:

	December 31, 2017	December 31, 2016
GUDPA Insured and Collateralized		
with Securities Held by Pledging		
Financial Institutions	\$3,421,258	\$3,235,339

In addition, as of December 31, 2017 and 2016, the Authority had \$724,287 and \$718,185, respectively, on deposit in the New Jersey Cash Management Fund (the "Fund"). The operations of this Fund are governed by the provisions of the State Investment Council Regulations for the purpose of determining authorized investments for the Fund.

5. COMPONENT UNIT STATUS OF THE AUTHORITY

Component units are legally separate organizations for which the elected officials of the primary government are financially accountable. Since the governing body of the Borough appoints the members of the Authority, and the Authority can provide a financial benefit to or burden on the Borough, the Borough is considered financially accountable for the Authority.

6. LONG-TERM DEBT

On March 10, 2010, the Authority entered into an agreement with the New Jersey Environmental Infrastructure Trust Financing Program to finance improvements to the Authority's collection system and pump stations. The Authority issued \$3,060,880 of Fund Loan Bonds at 0.00% interest and \$1,080,000 of Trust Loan Bonds at interest rates ranging from 3.00% to 5.00%.

At December 31, 2017 loans payable are summarized as follows:

Loans	Issued Amount	Interest Rate (%)	Matures	Amount Outstanding
New Jersey Environmental	- I IIII O LIII	<u>reace (70)</u>		Outstanding
Infrastructure Trust Fund Loan	\$3,060,880	0.00	2018-2028	\$1,766,511
New Jersey Enviromental				
Infrastructure Trust Loan	1,080,000	3.00-5.00	2018-2029	742,000
Add, unamortized premium				15,221
Total loans payable				2,523,732
Less, loans payable - current				(218,831)
Long-term loans payable				\$2,304,901

The following table summarizes debt service requirements for outstanding loans at December 31, 2017:

<u>Year</u>	Principal	<u>Interest</u>	Total
2018	\$218,831	, \$30,180	\$249,011
2019	220,831	27,680	248,511
2020	220,831	25,600	246,431
2021	224,831	23,520	248,351
2022	225,831	21,280	247,111
2023-2027	1,172,150	69,720	1,241,870
2028-2029	225,206	8,920	234,126
:	\$2,508,511	\$206,900	\$2,715,411

6. LONG-TERM DEBT (CONTINUED)

Changes in Outstanding Long-Term Debt

Long-Term Debt transactions for the year ended December 31, 2017 and 2016 are summarized as follows:

	Balance December 31, 2016	Reductions	Balance December 31, 2017	Amounts due within one year
New Jersey Environmental Infrastructure Trust Fund loan payable New Jersey Environmental Infrastructure Trust	\$1,935,342	\$168,831	\$1,766,511	\$168,831
loan payable	830,000	88,000	742,000	50,000
Unamortized premium	16,709	1,488	15,221	
	<u>\$2,782,051</u>	\$258,319	\$2,523,732	\$218,831
	December 31, 2015	Reductions	December 31, 2016	Amounts due within one year
New Jersey Environmental Infrastructure Trust Fund loan payable New Jersey Environmental Infrastructure Trust	\$2,104,173	\$168,831	\$1,935,342	\$168,831
loan payable	875,000	45,000	830,000	50,000
Unamortized premium	18,197	1,488	16,709	
	\$2,997,370	\$215,319	\$2,782,051	\$218,831

7. PENSION PLAN

Description of System

The Authority contributes to the Public Employees' Retirement System ("PERS"), a cost-sharing multiple employer defined benefit pension plans administered by the Division of Pensions and Benefits in the Department of the Treasury, State of New Jersey. The plan provides retirement, death, disability benefits and medical benefits to certain qualifying members and beneficiaries. PERS was established on January 1, 1955 under the provisions of N.J.S.A. 43:15A. PERS issues publicly available financial reports that include financial statements and required supplementary information. These reports may be obtained by writing to the State of New Jersey, Division of Pensions and Benefits.

Defined Contribution Retirement Program

The Defined Contribution Retirement Program ("DCRP") is a cost-sharing multiple employer defined contribution pension fund which was established in 2007 under the provisions of Chapter 92, P.L. 2007 and Chapter 103, P.L. 2007. DCRP provides eligible members with a tax sheltered, defined contribution retirement benefit, along with life insurance and disability coverage.

Employee contributions to DCRP are five and one-half percent (5.50%) of base wages. Member contributions are matched by a three percent (3.00%) employer contribution. The Authority's contributions for December 31, 2017 and 2016 were \$816 and \$203, respectively.

Funding Policy

PERS employee contributions were 7.20% of base wages through June 30, 2017. Effective July 1, 2017 PERS employee contributions were 7.34% of base wages. The Division of Pensions actuarially determines employer's contributions annually.

Public Employees Retirement System (PERS)

At June 30, 2017, the State reported a net pension liability of \$1,206,420 for the Authority's proportionate share of the total net pension liability. The total pension liability for the June 30, 2017 measurement date was determined by an actuarial valuation as of July 1, 2016, which was rolled forward to June 30, 2017. The Authority's proportion of the net pension liability was based on a projection of the Authority's long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined. At June 30, 2017, the Authority's proportion was 0.0051825726 percent, which was an increase of 0.0001598669 percent from its proportion measured as of June 30, 2016.

For the year ended December 31, 2017 and 2016, the State recognized an actuarially determined pension expense of \$134,259 and \$182,905, respectively, for the Authority's proportionate share of the total pension expense. The Authority's actual pension contributions by the Authority for December 31, 2017 and 2016 were \$44,621 and \$42,065, respectively.

7. PENSION PLAN (CONTINUED)

Public Employees Retirement System (PERS) (Continued)

At December 31, 2017 and 2016, the State reported deferred outflows of resources and deferred inflows of resources related to PERS from the following sources:

	2017		2016	
	Deferred	Deferred	Deferred	Deferred
	Inflows of	Outflows of	Inflows of	Outflows of
	Resources	Resources	Resources	Resources
Difference between expected and				
actual experience		\$28,407		\$27,665
Changes of assumptions	\$242,161	243,052		308,147
Net difference between projected and				
actual earnings on pension plan investments		8,215		56,723
Changes in proportion and differences between				
Authority contributions and proportionate				
share of contributions		135,064		147,451
	\$242,161	\$414,738	-	\$539,986

Amounts reported as deferred outflows of resources and deferred inflow of resources related to PERS will be recognized in pension expense as follows:

<u>Amount</u>
\$81,491
110,343
69,041
(44,027)
(44,271)
\$172,577

7. PENSION PLAN (CONTINUED)

Public Employees Retirement System (PERS) (Continued)

Actuarial Assumptions

The total pension liability for the June 30, 2017 measurement date was determined by an actuarial valuation as of July 1, 2016, which was rolled forward to June 30, 2017. The total pension liability for the June 30, 2016 measurement date was determined by an actuarial valuation as of July 1, 2015, which was rolled forward to June 30, 2016. These actuarial valuations used the following actuarial assumptions:

	June 30, 2017	June 30, 2016
Inflation Rate	2.25%	3.08%
Salary Increases		
Through 2026	1.65% - 4.15%	1.65% - 4.15%
Thereafter	2.65% - 5.15%	2.65% - 5.15%
Investment Rate of Return	7.00%	7.65%

Preretirement mortality rates were based on the RP-2000 Employee Preretirement Mortality Table for male and female active participants. 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 form the base year of 2013 using a generational approach based on the plan actuary's modified MP-2014 projection scale. Postretirement mortality rates were based on the RP-2000 Combined Healthy Male and Female Mortality Tables (set back 1 year for males and females) for service retirements and beneficiaries of former members and a one-year static projection based on 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 2013 using a generational approach based on the plan actuary's modified MP-2014 projection scale. 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, 2016 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.

7. PENSION PLAN (CONTINUED)

Public Employees Retirement System (PERS) (Continued)

Long-Term Rate of Return

In accordance with State statute, the long-term expected rate of return on plan investments 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. Best estimates of arithmetic real rates of return for each major asset class included in PERS's target asset allocation as of June 30, 2017 and 2016 are summarized in the following table:

	June 30, 2017		June 30, 2016	
	Long-Term			Long-Term
	Target	Expected Real	Target	Expected Real
Asset Class	Allocation	Rate of Return	Allocation	Rate of Return
Cash	5.50%	1.00%	5.00%	0.87%
U.S. Treasuries	3.00%	1.87%	1.50%	1.74%
Investment Grade Credit	10.00%	3.78%	8.00%	1.79%
U.S. Equities	30.00%	8.19%	26.00%	8.53%
Emerging Market Equities	6.50%	11.64%	6.50%	9.95%
Absolute Return/Risk Mitigation	5.00%	5.51%		
Public 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 Estate	2.50%	11.83%		
Equity Related Real Estate	6.25%	9.23%		
Non-U.S. Developed Markets Equity	11.50%	9.00%		
Buyouts/Venture Capital	8.25%	13.08%		
Mortgages			2.00%	1.67%
High Yield Bonds			2.00%	4.56%
Inflation Indexed Bonds			1.50%	3.44%
Developed Foreign Markets			13.25%	6.83%
Private Equity			9.00%	12.40%
Hedge Funds/Absolute Returns			12.50%	4.68%
Real Estate (Property)			2.00%	6.91%
Commodities			0.50%	5.45%
Global Debt ex US			5.00%	-0.25%
REIT			5.25%	5.63%
	100.00%		100.00%	

7. PENSION PLAN (CONTINUED)

Public Employees Retirement System (PERS) (Continued)

Discount Rate

The discount rate used to measure the total pension liability was 5.00% and 3.98% as of June 30, 2017 and 2016, respectively. This single blended discount rate was based on the long-term expected rate of return on pension plan investments of 7.00%, and a municipal bond rate of 3.58% and 2.85% as of June 30, 2017 and 2016, respectively, 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 average of the last five years of contributions made in relation to the last five years of recommended 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 2040. Therefore, the long-term expected rate of return on plan investments was applied to projected benefit payments through 2040, and the municipal bond rate was applied to projected benefit payments after that date in determining the total pension liability.

Sensitivity of the collective net pension liability to changes in the discount rate.

The following presents the collective net pension liability of the participating employers as of June 30, 2017 respectively, calculated using the discount rate as disclosed above as well as what the collective net pension liability would be if it was calculated using a discount rate that is 1 percentage point lower (4.00%) or 1 percentage point higher (6.00%) than the current rate:

	1%	At Current	1%
	Decrease 4.00%	Discount Rate 5.00%	Increase <u>6.00%</u>
Authority's proportionate share			
of the pension liability	\$1,496,646	\$1,206,420	\$964,626

Pension plan fiduciary net position

Detailed information about the pension plan's fiduciary net position is available in the separately issued Financial Report for the State of New Jersey Public Employees Retirement System (PERS).

8. COMPENSATED ABSENCES

The Authority permits its employees to accumulate unused sick pay, which may be taken as time off or paid at a later date at an agreed upon rate. The unused sick pay accumulates indefinitely and after fifteen years of service employees will be paid for one-half of their total accumulated unused sick pay, not to exceed 100 days and not to exceed the maximum allowed by the State at the time the employee resigns or retires. The estimated current costs of such unpaid sick pay at December 31, 2017 and 2016 were \$93,439 and \$86,755 respectively.

9. POST-EMPLOYMENT HEALTHCARE PLAN

Plan Description

The Authority has an agent multiple-employer defined benefit healthcare plan with the Central Jersey Health Insurance Fund (the "Fund"). The Authority provides medical, prescription and dental benefits to retirees and their spouses that meet certain eligibility requirements.

Funding Policy

Funding of the annual other post-employment benefits (OPEB) cost is provided for in the Authority's annual operating budget.

Annual OPEB Cost and Net OPEB Obligation

The Authority's annual other post-employment benefits (OPEB) cost is calculated based on the annual required contribution (ARC) of the employer, an amount actuarially determined in accordance with the parameters of GASB Statement No. 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period of thirty years. The following summarizes the Authority's annual OPEB cost for the year, the amount actually contributed to the Fund, and changes in the Authority's net OPEB obligation:

January 1, 2017 Net OPEB Obligation	\$810,952
Plus: Annual OPEB Cost	84,989
	895,941
Less: Authority contributions	
December 31, 2017 Net OPEB Obligation	\$895,941

The Authority's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation for 2017 and the preceding two years were as follows:

		Percentage of	
	Annual	Annual OPEB	Net OPEB
Year Ended	OPEB Cost	Cost Contributed	Obligation
12/31/2017	\$84,989	0.00%	\$895,941
12/31/2016	102,855	2.30%	810,952
12/31/2015	102,855	9.19%	710,461

9. POST-EMPLOYMENT HEALTHCARE PLAN (CONTINUED)

Funding Status and Funding Progress

Actuarial accrued liability*	\$860,254
Actuarial value of plan assets	-
Unfunded actuarial accrued liability	\$860,254
Funded ratio	0%

^{*} represents accrued liability at December 31, 2017; In accordance with GASB Statement No. 45, the accrued liability is to be actuarially recalculated at least triennially.

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality and healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to revision as actual results are compared with past expectations and new estimates are made about the future.

Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive Fund (the Fund as understood by the employer and plan members) and include types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The actuarial valuation utilized the projected unit credit cost method. The 2017 actuarial assumptions included an initial annual medical cost trend rate of 6.0%, reduced by decrements to an ultimate rate of 5.0% in 2026. The initial trend rate for prescription benefits is 11.5%, reduced by decrements to an ultimate rate of 5.0% in 2026. The initial trend rate for dental benefits is 6.0%, reduced by decrements to an ultimate rate of 5.0% in 2026. The amortization cost for the unfunded actuarial accrued liability is on a straight line basis, for a period of thirty years.

10. SUBSEQUENT EVENTS

Management has reviewed and evaluated all events and transactions occurring from December 31, 2017 through the date the financial statements were issued, October 5, 2018, for possible disclosure and recognition in the accompanying financial statements and no such items have come to the attention of the Authority which would require disclosure or recognition.

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN SCHEDULE OF REVENUES AND EXPENDITURES COMPARED TO BUDGET (BUDGETARY BASIS) YEAR ENDED DECEMBER 31, 2017

Revenues Sewer service charges \$3,307,971 \$3,469,6	72
	72
0	
T 11,00	7 /
4 11 11 2	
***	75
Total revenues \$3,307,971 \$3,553,2	<u> 26 </u>
Expenditures	
Administration	
Salaries and wages \$184,000 \$176,8	33
Legal 30,000 15,1	
Payroll taxes 16,131 12,6	
Pension 20,700 62,4	
Accounting 6,000 2,7	
Computer consultant and software 5,400 21,4	
Auditing 20,000 15,2	
Trustee and administrative fees 5,240 5,2	
Employee training 12,000 1,0	
Insurance - general 1,500 1,3	
Insurance - health 64,400 64,5	
Engineer 35,000 20,2	
Office supplies and postage 12,000 11,0	
Telephone 13,500 10,3	
	23
Miscellaneous 1,674 6,1	
Employee consultant 2,000 -	_
Post-employment healthcare 55,660 39,0	95
486,705 466,2	

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN SCHEDULE OF REVENUES AND EXPENDITURES COMPARED TO BUDGET (BUDGETARY BASIS) - CONTINUED YEAR ENDED DECEMBER 31, 2017

	ORIGINAL BUDGET	ACTUAL
Expenditures (continued)		11010115
Cost of Providing Services		
Salaries and wages	\$216,000	\$226,007
Payroll taxes	15,869	16,164
Insurance - general	26,500	22,966
Insurance - health	75,600	47,102
Telephone	1,500	1,147
Electricity	38,000	30,877
Fuel	8,000	4,061
Natural gas	10,000	8,223
Plant supplies	8,000	5,197
Water	1,200	1,000
Miscellaneous	3,326	4,457
Repairs and maintenance	75,000	79,505
Regional sewerage charges	2,000,000	1,986,563
Post-employment healthcare	65,340	45,894
Pension	24,300	73,273
	2,568,635	2,552,436
Total administration and cost of		
of providing services	3,055,340	3,018,720
Principal payments on debt service		
in lieu of depreciation	218,831	218,831
Interest payments on debt	33,800	19,608
Total expenditures	3,307,971	3,257,159
(Unrestricted net assets utilized)/ excess revenues		296,067
Net Total Appropriations	\$3,307,971	\$3,553,226

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN SCHEDULE OF REVENUES AND EXPENDITURES COMPARED TO BUDGET (BUDGETARY BASIS) - CONTINUED YEAR ENDED DECEMBER 31, 2017

Reconciliation to Statement of Revenues, Expenses, and Changes in Net Position

218,831
1,488
38,000
,
(257,793)
\$296,593
\$296,593

THE EATONTOWN SEWERAGE AUTHORITY A COMPONENT UNIT OF THE BOROUGH OF EATONTOWN

COMMENTS AND RECOMMENDATIONS

YEAR ENDED DECEMBER 31, 2017

None