FINANCIAL STATEMENTS WITH SUPPLEMENTAL INFORMATION

YEARS ENDED OCTOBER 31, 2017 AND 2016

AND

INDEPENDENT AUDITOR'S REPORT

FINANCIAL STATEMENTS WITH SUPPLEMENTAL INFORMATION YEARS ENDED OCTOBER 31, 2017 AND 2016

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FOUNDED IN 1926 BY SIDNEY MOHEL

CERTIFIED PUBLIC ACCOUNTANTS

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INDEPENDENT AUDITOR'S REPORT

Chairman and Commissioners of Lakewood Township Municipal Utilities Authority

Report on the Financial Statements

We have audited the accompanying financial statements of the Lakewood Township Municipal Utilities Authority (the "Authority") as of and for the years ended October 31, 2017 and 2016, which collectively comprise the Authorities basic financial statements as listed in the table of contents and the related notes to the financial statements,

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 audits. We conducted our audits 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 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. 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.

MOHEL ELLIOTT BAUER & GASS A PROFESSIONAL ASSOCIATION

CERTIFIED PUBLIC ACCOUNTANTS

Chairman and Commissioners of Lakewood Township Municipal Utilities Authority

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Lakewood Township Municipal Utilities Authority as of October 31, 2017 and 2016, and the changes in financial position and its 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 on pages 4 through 6 and budgetary comparison information on pages 31 through 36 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 this 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 audits 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.

MOHEL ELLIOTT BAUER & GASS A PROFESSIONAL ASSOCIATION

CERTIFIED PUBLIC ACCOUNTANTS

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated June 5, 2018, on our consideration of the Lakewood Township Municipal Utilities Authorities 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 Lakewood Township Municipal Utilities Authorities internal control over financial reporting and compliance.

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MOHEL ELLIOTT BAUER & GASS, P.A. Certified Public Accountant

June 5, 2018 Lakewood, New Jersey

MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEAR ENDED OCTOBER 31, 2017

Our discussion and analysis of Lakewood Township Municipal Utilities Authority financial performance provides an overview of the Authority's financial activities for the year ended October 31, 2017. Please review it in conjunction with the Authority's basic financial statements which begin on Page 7.

Financial Highlights

- Total net position increased \$1,626,099 which represents a 2.89 percent increase from the 2016 balance.
- Operating revenues, accounted for 99.27 percent of all revenues, and decreased \$571,853 which represents a 4.85 percent decrease from 2016. This decrease is primarily driven by lower water and sewer connection fees compared to 2016 of \$879,516. This decline is partially offset by an increase in water and sewer services charges of \$407,422 compared to 2016.
- Operating expenses, accounted for 96.81 percent of all expenses, and decreased \$186,529 which represents a 1.78 percent decrease from 2016. The largest decrease was in the areas of pension expense.
- Other expenses, accounted for 3.19 percent of all expenses and decreased \$95,150 from 2016. The largest decrease was in the area of Bond interest expense net of amortization of refunding gain.

USING THIS ANNUAL REPORT

This annual report consists of a series of financial statements. The Statements of Net Position, the Statements of Revenues, Expenses and Changes in Fund Net Position and the Statements of Cash Flows(on page 7 through 11) provide information about the activities of the Authority as a whole.

MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued) FOR THE YEAR ENDED OCTOBER 31, 2017

USING THIS ANNUAL REPORT (Continued)

Reporting the Authority as a Whole

The Statements of Net Assets and the Statements of Revenues, Expenses and Changes in Fund Net Position

Our analysis of the Authority as a whole begins on page 7. One of the most important questions asked about the Authorities finances is, "Is the Authority as a whole better off or worse off as a result of the year's activities?" The Statement of Net Position and the Statement of Revenues, Expenses and Changes in Fund Net Position report information about the Authority as a whole and about its activities in a way that helps answer this question. These statements include *all* assets and liabilities using the accrual basis of accounting, which is similar to the accounting used by most private-sector companies. All of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

These two statements report the Authorities *net position* and changes in them. You can think of the Authorities net position - the difference between assets and liabilities-as one way to measure the Authorities financial health, or *financial position*. Over time, *increases or decreases* in the Authorities net position are one indicator of whether its *financial health* is improving or deteriorating.

The Authorities Funds

In accordance with the 1997 bond resolution and the 1986 and 1993 supplemental bond resolutions, the Authority has established the cash and investment funds for the deposit of all revenues received by the Authority as described on page 13.

The Authority as a Whole

The Authorities total net position increased \$1,626,099 to \$57,966,203 or 2.89 percent. Details of the changes are reflected on page 8.

Original Versus Final Budget

Pages 31 and 32 reflects the variances between the original and final budgeted amounts.

Capital Assets

At year end, the Authority had \$96,520,151 in total capital assets - an increase of \$2,198,409 from 2016, the largest increase in capital assets was the construction costs of the Developer expansion of system, water distribution improvements and sewer system improvements.

MANAGEMENT'S DISCUSSION AND ANALYSIS (Continued) FOR THE YEAR ENDED OCTOBER 31, 2017

USING THIS ANNUAL REPORT (Continued)

Debt Administration

On November 6, 2008, the Lakewood Township Municipal Utilities Authority authorized the issuance of Series 2008 Revenue Bonds of 16,369,580 for the purpose of providing funds for the replacement of Airport Road water storage tank, upgrade and the expansion of the New Hampshire Avenue treatment plant, construction of well no. 17 with ASR capability, install well pump and motor in well no. 4, construction of Cedar Bridge raw water main and renovation of the Authority's administration building. Interest on the 2008 Revenue Bonds will be capitalized during the period of construction.

On May 3, 2012, the Lakewood Township Municipal Utilities Authority authorized the issuance of Series 2012 Revenue Bonds of \$1,995,430 for the purpose of providing supplemental additional funds for the replacement of the Airport Road water storage tank, upgrade and the expansion of the New Hampshire Avenue treatment plant, construction of well no. 17 with ASR capability, install well pump and motor in well no. 4, construction of Cedar Bridge raw water main and renovation of the Authority's administration building.

On May 3, 2012, the Lakewood Township Municipal Utilities Authority authorized the issuance of Series 2012 Revenue Bonds of \$3,205,781 for the purpose of providing funds for the replacement and upgrading the utility billing meters through out the Authorities service area. This included integration of the new meters into an Automated Metering Infrastructure.

In May 2016 the New Jersey Environmental Infrastructure Trust's ("NJEIT") sold 2016A-R1 Refunding Series, the Lakewood Township Municipal Utilities Authority will able to save approximately \$1,387,484 in total debt service repayments for its Series 2008 debt.

Economic Factors and Next Year's Budget and Rates

The Authorities governing body considered many factors when setting the 2018 budget and water and sewer rates including the economy, the rate of inflation, planned future capital projects and debt service requirements. The Authorities anticipates no increase in water and sewer service rates for 2018, a growth rate of approximately 2 percent is being estimated.

CONTACTING THE AUTHORITIES FINANCIAL MANAGEMENT

This financial report is designed to provide our citizens, ratepayers, customers, and investors and creditors with a general overview of the Authority's finances and to show the Authorities accountability for the money it receives. If you have questions about this report or need additional financial information, contact the Chief Financial Officer at 390 New Hampshire Avenue, Lakewood, New Jersey 08701.

STATEMENTS OF NET POSITION OCTOBER 31, 2017 AND 2016

	2017		2016
ASSETS			
Unrestricted assets:			
Cash and interest bearing accounts \$	13,091,338	\$	12,296,842
Investments, at fair value - Notes 2 & 7	582,975		651,093
Accounts receivable - Note 2	1,835,997		1,776,909
Accrued interest receivable	10,278		8,940
Other receivables	-		-
Prepaid expenses	12,236		11,408
Total unrestricted assets	15,532,824		14,745,192
Restricted assets:			
Construction Fund:			
Cash	407,526		209,572
Investments, at fair value - Notes 2 & 7	398,584		533,726
Bond Service Fund:			4 704 070
Investments, at fair value - Notes 2 & 7	1,814,271		1,731,276
Bond Reserve Fund:			444.004
Investments, at fair value - Notes 2 & 7	441,984		441,984
Renewal and Replacement Fund:	50.000		40.070
Investments, at fair value - Notes 2 & 7	50,030		49,878
Total restricted assets	3,112,395		2,966,436
Property, plant and equipment			
Less: accumulated depreciation - Notes 2 & 6	68,246,464		68,429,110
Total unrestricted and restricted assets	86,891,683		86,140,738
DEFERRED OUTFLOW OF RESOURCE	CES		
Deferred outflows related to pensions - Notes 2 & 8	2,183,383		2,432,535
Total deferred outflow of resources	2,183,383		2,432,535
\$	89,075,066	\$:	88,573,273

STATEMENTS OF NET POSITION (Continued) OCTOBER 31, 2017 AND 2016

		2017	_	2016
LIABILITIES				
Current liabilities payable from				
unrestricted assets:				
Accounts payable and accrued liabilities	\$	480,578	\$	619,887
Accrued payroll liabilities		61,988		56,310
Accrued pension liabilities - Note 8		228,085		198,151
Unearned revenue assignment of cell tower leases - Note 10		26,625		26,625
Unearned revenue - Note 2		401,538		395,573
Customers deposits		105,966		105,966
Escrow fund - Note 2		1,374,610	_	1,038,490
Total current liabilities payable from				
unrestricted assets		2,679,390	_	2,441,002
Current liabilities payable from restricted assets				
Accrued interest payable on revenue bond		208,330		226,256
Revenue bonds payable - current portion Note 5		1,526,083		1,480,691
Construction cost payable		52,015	_	156,871
Total current liabilities payable from restricted assets		1,786,428	_	1,863,818
Accrued post-employment benefit plan - Note 9		1,352,640		1,144,047
Accrued unfunded post-employment benefit plan - Note 9		1,553,500		1,553,500
Compensated abesences - Note 2		190,867		228,781
Advanced revenue assignment of cell tower leases - Note 10		1,012,729		1,039,354
Long-term portion of revenue bonds payable - Note 5		14,759,521		16,285,604
Premium on revenue bonds payable, net - Note 2		378,430		411,230
Net pension liability - Note 8		5,608,668	_	6,542,011
Total liabilities		29,322,173	_	31,509,347
DEFERRED INFLOW OF RES	SOURC	ES		
Deferred inflows related to pensions - Notes 2 & 8		1,125,811		-
Gain on loan refundings, net of accumulated amortization		660,879	_	723,822
Total deferred inflow of resources		1,786,690	_	723,822
NET POSITION				
Contributed capital				
Less: accumulated depreciation - Note 3		22,736,647		22,674,581
Restricted for:				
Construction Fund - Note 4		30,465,080		28,920,300
Bond Service Fund - Note 4		79,857		24,329
Bond Reserve Fund - Note 4		441,984		441,984
Renewal and Replacement Fund - Note 4		50,030		49,878
Unrestricted:		(4 EE2 E00\		(1 553 500)
Unfunded post-employment benefit plan - Note 9		(1,553,500)		(1,553,500)
Unrestricted Fund		5,746,105	-	5,782,532
Total Net Position	\$	57,966,203	\$ =	56,340,104

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION YEARS ENDED OCTOBER 31, 2017 AND 2016

		2017		2016
Operating revenues: Water and sewer service charges	\$	10,247,163	\$	9,839,741
Connection fees	Ψ	802,259	Ψ	1,681,775
Other income		174,716		274,475
			-	
Total operating revenues		11,224,138	-	11,795,991
Operating expenses:				
Personnel services		1,852,686		1,834,841
Employee benefits		1,644,331		1,827,770
Administrative		638,467		710,980
Operations and maintenance		3,771,859		3,819,685
Depreciation - Note 2 & 6		2,381,055	_	2,281,651
Total operating expenses		10,288,398	_	10,474,927
Operating income		935,740		1,321,064
Other income (expense):				
Investment income		87,468		84,918
Bond interest expense - Note 5	,	(339,041)	_	(434,191)
luce me /hefere transfer of depreciation on accets				
Income (before transfer of depreciation on assets purchased with contributed capital)		684,167		971,791
·		·		843,215
Transfer of depreciation to contributed capital		879,866	-	043,213
Change in net position		1,564,033		1,815,006
Restricted and unrestricted net position - beginning of year		33,665,523	-	31,850,517
Restricted and unrestricted net position - end of year		35,229,556	-	33,665,523
Contributed capital - beginning of year		22,674,581		21,527,602
Developer expansion of system		941,932		1,990,194
Transfer of depreciation from operations to contributed capital		(879,866)	-	(843,215)
Contributed capital - end of year		22,736,647	_	22,674,581
Total net position - end of year	\$	57,966,203	\$ =	56,340,104

STATEMENTS OF CASH FLOWS YEARS ENDED OCTOBER 31, 2017 AND 2016

		2017	_	2016
Cash flows from operating activities: Cash received from customers Cash paid to suppliers and employees Investment income - received Bond interest expense - paid Increase (decrease) in escrow funds	\$	11,144,390 (7,399,569) 86,130 (452,710) 336,120	\$	12,643,198 (7,216,148) 84,920 (549,661) (320,890)
Net cash provided by operating activities	-	3,714,361	_	4,641,419
Cash flows from investing activities: Capital expenditures Purchase of investments Sale/maturity of investments Net cash used in investing activities		(2,303,265) (3,060,952) 3,181,065 (2,183,152)	-	(7,547,166) (3,466,164) 3,674,759 (7,338,571)
Cash flows from financing activities: Developer expansion of system Principal redemption of long-term debt		941,932 (1,480,691)	-	1,990,194 (1,524,223)
Net cash provided (used) by financing activities		(538,759)	-	465,971
Net increase in cash and cash equivalents		992,450		(2,231,181)
Cash and cash equivalents at beginning of year		12,506,414	-	14,737,595
Cash and cash equivalents at end of year	\$	13,498,864	\$	12,506,414

STATEMENTS OF CASH FLOWS (Continued) YEARS ENDED OCTOBER 31, 2017 AND 2016

	-	2017	-	2016
Change in net position	\$ _	1,564,033	\$_	1,815,006
Adjustments to reconcile change in net position to net cash provided by operating activities:				
Depreciation, net of transfer to contributed capital Unbudgeted pension expense - non cash item		1,501,189 441,620		1,438,436 608,857
Changes in assets and liabilities:				
(Increase) decrease in: Accounts receivable Accrued interest receivable Other receivable Prepaid expenses		(59,088) (1,338) - (828)		55,269 2 393,157 22
Increase (decrease) in: Accounts payable and accrued liabilities Accrued payroll liabilities Accrued pension liabilities Compensated absences Unearned revenue assignment of cell tower leases Accrued post-employment benefit plan Unearned billings Escrow funds Accrued interest payable on revenue bonds Amortization on gain loan refunding's Premium on revenue bonds payable		(139,309) 5,678 29,934 (37,914) (26,625) 208,593 5,965 336,120 (17,926) (62,943) (32,800)		142,750 10,113 21,083 (7,144) 398,375 201,447 406 (320,890) (48,573) (34,097) (32,800)
Total adjustments		2,150,328	-	2,826,413
Net cash provided by operating activities	\$:	3,714,361	\$:	4,641,419

NOTES TO FINANCIAL STATEMENTS OCTOBER 31, 2017 AND 2016

NOTE 1 - NATURE OF ORGANIZATION

The Lakewood Township Municipal Utilities Authority was created by ordinance of the Township of Lakewood dated July 22, 1971 and as amended on August 12, 1971.

The purposes of which the Authority was created include the acquisition and/or construction of plants and distribution systems to provide an adequate supply of water and the acquisition and/or construction of sewer facilities for the disposition and treatment of sewerage for the relief of waters from pollution.

New Jersey statutes provide for the creation, dissolution and operation of separate bodies corporate and politic for the purpose of fostering the provision and distribution of an adequate supply of water and the collection, treatment, disposal and recycling of wastewater and sewerage sludge. The statutes were enacted as the "Municipal and Counties Utilities Authorities Act", and are codified in New Jersey Statutes Annotated as N.J.S.A. 40:14B-1 et seq. Additional statutory requirements relating to the financial operations of independent local authorities were established as the "Local Authorities Fiscal Control Law", which is codified as N.J.S.A. 40A:5A-1 et seq. The provisions of the Local Authorities Fiscal Control Law established the Local Finance Board and the Division of Local Government Services, in the Department of Community Affairs, State of New Jersey, as oversight agencies for the creation, project financing, budgeting and overall financial condition of local authorities.

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

The powers of the Authority are exercised by a governing body or Board composed of five members and two alternates.

Members of the Board are as follows:

	Term Expires
Senator Robert W. Singer, Chairman Raymond Coles, Vice Chairman Anne Fish, Assistant Secretary Craig Theibault, Treasurer P.G. Waxman, Commissioner	January 31, 2021 January 31, 2019 January 31, 2023 January 31, 2020 January 31, 2020
•	
Well Eletteristeni, Atternate Commissioner	,

Justin Flancbaum, Executive Director

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Basis of Accounting

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.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

For the year ended October 31, 2015, the Authority implemented the provisions of GASB Statement No. 68, Accounting and Financial Reporting for Pensions, as amended by GASB Statement No. 71, Pension Transition for Contributions Made Subsequent to the Measurement Date. GASB Statement Nos. 68 and 71 establish standards for measuring and recognizing net pension liabilities, deferred outflows of resources, deferred inflows of resources, and expenses/expenditures related to pension benefits provided through defined benefit pension plans. In addition, Statement No. 68 requires disclosure of information related to pension benefits.

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

The accounting and financial reporting treatment applied to the Authority is determined by its measurement focus. The 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 capital assets, net of related debt; restricted for capital activity; restricted for debt service; and unrestricted components.

B. Budgetary Accounting

Each year the Authority adopts a budget which is approved by the State of New Jersey, Department of Community Affairs, Division of Local Government Services. The budget may be amended by resolution of the Board of Commissioners of the Authority. 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.

C. Accounts Receivable

The Authority bills its customers quarterly based on actual usage. No allowance for doubtful accounts is deemed necessary as the Authority places its delinquent accounts on tax sale once a year.

D. Inventory

Inventory consists principally of chemicals for the treatment of water, spare parts and other equipment, and recorded as expenditures when they are acquired, regardless of when used.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

E. Property, Plant and Equipment

Costs of the water and sewer systems incurred to date consist of facilities constructed or acquired, cost of acquisition of land, easements and rights-of-way, costs incidental to such construction or acquisitions, including engineering and inspection fees, costs of equipment, administrative and legal expenses, facilities contributed to the Authority by developers, and interest on bonds incurred during the period of construction.

Depreciation is calculated utilizing the straight-line method for financial reporting purposes. Depreciation on assets acquired with grants-in-aid is recorded as a reduction of contributed capital.

F. Statement of Cash Flows

For the purpose of the statement of cash flows, the Authority considers investments with maturities of three months or less to be cash equivalents.

G. Investment Securities

State laws authorize the Authority to invest in obligations of the U.S. Treasury and other instruments allowed under N.J.S. 40A: 5-14. Cash and investments include bank balances and investments that, at the balance sheet date, were entirely insured. Investments are shown at cost or amortized cost plus accrued interest shown under a separate caption.

H. 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.

I. Escrow Funds

Monies required from contractors to assure performance. Deposits are retained in the account until the contractor satisfies all outstanding debts to the Authority and/or at the end of one year the engineer recommends release of the monies and acceptance of the project.

J. Reclassifications

Certain reclassifications have been made to the 2016 financial statements to conform with the 2017 presentation.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

K. Compensated Absences

Compensated absences are those absences for which employees will be paid, such as vacation, sick leave and sabbatical leave. A liability for compensated absences that are attributable to services already rendered, and that are not contingent on a specific event that is outside the control of the Authority and its employees, is accrued as the employees earn the rights to the benefits. Compensated absences that relate to future services, or that are contingent on a specific event that is outside the control of the Authority and its employees, are accounted for in the period in which such services are rendered or in which such services are rendered or in which such services are rendered or in which such events take place.

L. Unearned Revenue

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

M. Operating Revenues and Expenses

Operating revenues and expenses consist of those revenues and expenses that result from the ongoing principal operations of the Authority. Operating revenues consist primarily of charges for services. Non-operating revenues and expenses consist of those revenues and expenses that are related to financing and investing activities or result from non-exchange transactions or ancillary activities. When an expense is incurred for purposes for which there are both restricted and unrestricted net assets available, it is the Authority's policy to apply those expenses to restricted net assets to the extent such are available and then to unrestricted net assets.

N. Net Position

Net position, represents the difference between summation of assets and deferred outflows of resources, and the summation of liabilities and deferred inflows of resources. Net position is classified in the following three components:

- <u>Net Investment in Capital Assets</u> This component represents capital assets, net of accumulated depreciation, net of outstanding balances of borrowings used for acquisition, construction, or improvement of those assets.
- <u>Restricted</u> Net position is reported as restricted when there are limitations imposed on their use either through the enabling legislation adopted by the Authority or through external restrictions imposed by creditors, grantors or laws or regulations of other governments.
- <u>Unrestricted</u> Net position is reported as unrestricted when it does not meet the criteria of the other two components of net position.

O. Deferred Inflows/Outflows of Resources

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

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

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

P. Impact of Recently Issued Account Principles

Adopted Accounting Pronouncements

Statement No. 75, Accounting and Financial Reporting for Post-employment Benefits Other than Pensions. This Statement replaces the requirements of Statement No. 45, Accounting and Financial Reporting by Employers for Post-employment Benefits Other Than Pensions, as amended, and No. 57, OPEB Measurements by Agency Employers and Agent Multi-Employee Plans, for OPEB Statement No. 74, Financial Reporting for Post-employment Benefit Plans Other Than Pension Plans, establishes new accounting and financial reporting requirements for OPEB Plans. This Statement will be effective for the year ended October, 31, 2018. Management has not yet determined the potential impact on the Authority's financial statements.

Q. Fair Value Measurement

The Authority categorizes its assets and liabilities measured at fair value into a three-level hierarchy based on the priority of the inputs to the valuation technique used to determine fair value. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level I) and the lowest priority to unobservable inputs (Level III). If the inputs used in the determination of the fair value measurement fall within different levels of the hierarchy, the categorization is based on the lowest level input that is significant to the fair value measurement. Assets and liabilities valued at fair value are categorized based on the inputs to the valuation techniques as follows:

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

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

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

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

The following methods and assumptions were used by the Authority in estimating the fair value of its financial instruments:

Certificate of Deposit: Valued at the net asset value (NAV) at year end when the NAV is valued at \$1 per unit.

The preceding methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

R. Subsequent Events

Lakewood Township Municipal Utilities Authority has evaluated subsequent events occurring after the Statement of Net Position date through June 5, 2018, which is the date the financial statements were available to be issued.

NOTE 3 - CONTRIBUTED CAPITAL

On September 22, 1987, the Lakewood Township Municipal Utilities Authority accepted a grant from the Economic Development Administration, U.S. Department of Commerce in an amount not to exceed \$521,000. The grant was used to provide assistance in the construction of a new water supply well and water treatment facility.

Construction grant in the amount of \$300,000 was provided by the Township of Lakewood, Lakewood Industrial Commission, to help defray cost of the expansion of the Authority's facilities in order to assure an adequate water supply and treatment facility for the Lakewood Industrial Campus.

A non-refundable contribution in the amount of \$835,000 was provided by Lakewood Cogeneration, L.P. The contribution will be used towards the construction of the relocated wells and/or other related future plant facilities.

A contribution in the amount of \$56,061 was received from New Jersey Spill Compensation Fund. These monies were used to provide assistance in the construction of the Locust Street and Vermont Avenue water main extensions.

Developer expansion of the Authority's water distribution and sewer sanitary collection systems.

	2017	2016
Economic Development Administration Township of Lakewood Lakewood Cogeneration, L.P. New Jersey Spill Compensation Fund Developer expansion of system	\$ 521,000 300,000 835,000 56,061 33,931,255_	\$ 521,000 300,000 835,000 56,061 32,989,323
Less: accumulated depreciation	35,643,316 12,906,669 \$ 22,736,647	34,701,384 12,026,803 \$ 22,674,581

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 4 - RESTRICTED FUNDS

In accordance with the 1997 bond resolution and the 1986 and 1993 supplemental bond resolutions, the Authority has established the following cash and investment funds for the deposit of all revenues received by the Authority:

Funds	Amount	Use For Which Restricted
Revenue	All revenues received by the Authority.	Authorized operating expenses and, as of the first day of each month, transfers to the various funds described below.
General	Any extent.	Authorized expenditures and transfers to the various funds.
Construction	Proceeds of debt issued and construction grants - in aid.	Construction costs of the system.
Bond Service (Current Debt Service)	Amount needed to pay principal and interest due on or before the first day of May and November.	Principal and interest on the bonds.
Bond Reserve (Future Debt Service)	Amount needed to equal the greatest amount of debt service due in any bond year.	Transfers to meet minimum levels required in the bond service or sinking funds. Any excess may be transferred into the renewal and replacement fund.
Renewal and Replacement	Amount needed to increase the balance to equal the renewal and replacement requirements as defined by the resolution.	Transfers to meet minimum levels required in the bond service, sinking or bond reserve funds or major repairs, renewals and extensions of the system.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 5 - REVENUE BONDS

2017	Nevenue Donus
2008	Supplemental

2017 Payanua Rande

	-	Series 2002		Series 2008	,	Supplemental		Meter	
		Refunding 2007B		Refunding 2016A-R1	l	Series 2012	,	Series 2012	Total
Trust Loan \$	β-	1,166,004	- \$	6,122,000	\$	850,000	5	630,000 \$	8,768,004
Fund Loan		814,416		4,547,116		609,889		1,546,179	7,517,600
	-	1,980,420	•	10,669,116	•	1,459,889		2,176,179	16,285,604
Less: current portion	-	371,182	-	893,497		96,184	_	165,220	1,526,083
9	B _	1,609,238	\$	9,775,619	\$.	1,363,705) =	2,010,959 \$	14,759,521
				2016 Rev		nue Bonds			
	Series 2002 Series 2008 Supplemental Meter								
		Octios 2002							
		Refunding 2007B	_	Refunding 2016A-R1	١.	Series 2012	-	Series 2012	Total
Trust Loan	ь - Б		-			Series 2012 890,000	-	Series 2012 660,000 \$	9,492,713
Trust Loan \$ Fund Loan	-	Refunding 2007B	-				-		
	-	Refunding 2007B 1,365,713	-	6,577,000		890,000	-	660,000 \$	9,492,713
	Б -	Refunding 2007B 1,365,713 976,607	-	6,577,000 4,959,503		890,000 S 661,073	-	660,000 \$ 1,676,399	9,492,713 8,273,582

Maturities of the debt for each of the succeeding five years are as follows:

Year ended October 31,	_	Series 2002 Refunding 2007B	Re	Series 2008 efunding 2016A-R		Supplemental Series 2012	Meter Series 2012	_	Total
2018	\$	371,182	\$	893,497	\$	96,184	\$ 165,220	\$	1,526,083
2019	•	387,808		863,990		96,184	165,220		1,513,202
2020		396,388		885,244		101,184	165,220		1,548,036
2021		404,671		909,663		101,184	170,220		1,585,738
2022		420,371		933,269		106,184	170,220		1,630,044
Thereafter		-		6,183,453		963,969	1,340,079	_	8,487,501
	\$	1,980,420	* _ . \$ _	10,669,116	- _ \$	1,464,889	\$ 2,176,179	\$_	16,290,604

On November 7, 2002, the Lakewood Township Municipal Utilities Authority authorized the issuance of \$6,461,230 Series 2002 Revenue Bonds for the purpose of providing funds for the replacement of the existing Shorrock Street Treatment Plant with the construction of a new facility and the construction of a 3.0 MG ground level storage tack and pump station. In 2007 NJEIT 2007B Refunding Bonds were issued. The bonds interest payments are semiannual on May 1 and November 1 of each year.

On November 6, 2008, the Lakewood Township Municipal Utilities Authority authorized the issuance of Series 2008 Revenue Bonds of 16,369,580 for the purpose of providing funds for the replacement of the Airport Road water storage tank, upgrade and the expansion of the New Hampshire Avenue treatment plant, construction of well no. 17 with ASR capability, install well pump and motor in well no. 4, construction of Cedar Bridge raw water main and renovation of the Authority's administration building. In 2016 NJEIT 2016A-R1 Refunding Bonds were issued.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 5 - REVENUE BONDS (Continued)

On May 3, 2012, the Lakewood Township Municipal Utilities Authority authorized the issuance of Series 2012 Revenue Bonds of \$1,995,430 for the purpose of providing supplemental additional funds for the replacement of the Airport Road water storage tank, upgrade and the expansion of the New Hampshire Avenue treatment plant, construction of well no. 17 with ASR capability, install well pump and motor in well no. 4, construction of Cedar Bridge raw water main and renovation of the Authority's administration building.

On May 3, 2012, the Lakewood Township Municipal Utilities Authority authorized the issuance of Series 2012 Revenue Bonds of \$3,205,781 for the purpose of providing funds for the replacement and upgrading the utility billing meters through out the Authorities service area. This included integration of the new meters into an Automated Metering Infrastructure.

Bond interest expense consists of the following:

		2017	2016
Revenue Bonds Series 2002 Revenue Bonds Series 2008 Revenue Bonds Series 2012 - Supplemental Revenue Bonds Series 2012 - Meter Amortization gain loan refunding's Amortize premium on revenue bonds	\$	63,337 307,550 36,631 27,266 (62,943) (32,800)	\$ 72,916 360,775 38,631 28,766 (34,097) (32,800)
Bond interest expense	\$_	339,041	\$ 434,191

NOTE 6 - PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment consists of the following:

	2017	2016	Useful Lives Years
Land Water and sewer system Office building and garage Other equipment Transportation equipment Construction in progress	\$ 76,445 91,966,365 1,491,416 110,466 388,982 2,486,477	\$ 76,445 86,362,627 1,491,416 102,804 388,982 5,899,468	 40-75 5-40 5-7 5
Less: accumulated depreciation	96,520,151 28,273,687 \$ 68,246,464	94,321,742 25,892,632 \$_68,429,110	

Estimated

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 7 - INVESTMENTS

Investments in securities are presented in the financial statements at fair value.

		2017		_	201	6
		Cost	Fair Value	_	Cost	Fair Value
UNRESTRICTED FUNDS:						
REVENUE FUND State of New Jersey Cash Management Funds	\$	67,984 \$	67,984	\$	67,486 \$	67,486
JP Morgan, U.S. Treasury Plus Premier, Money Market Fund		424,889	424,889	_	493,780	493,780
		492,873	492,873	_	561,266	561,266
GENERAL FUND JP Morgan, U.S. Treasury Plus Premier,						
Money Market Fund	_	90,102	90,102	-	89,827	89,827
		582,975	582,975	_	651,093	651,093
RESTRICTED FUNDS:						
CONSTRUCTION FUND JP Morgan, U.S. Treasury Plus Premier, Money Market Fund		352,569	352,569		352,064	352,064
State of New Jersey NJEIT Funds Held in Trust	_	46,015	46,015	-	181,662	181,662
	_	398,584	398,584	_	533,726	533,726
BOND SERVICE FUND JP Morgan, U.S. Treasury Plus Premier, Money Market Fund	_	1,814,271	1,814,271	-	1,731,276	1,731,276
BOND RESERVE FUND U.S. Treasury Bond Slug,						444.004
4.04547%, due 11/01/21	_	441,984	441,984	-	441,984	441,984
	_	441,984	441,984	-	441,984	441,984
RENEWAL AND REPLACEMENT FUND JP Morgan, U.S. Treasury Plus Premier, Money Market Fund		50,030	50,030	<u>-</u>	49,878	49,878
•	\$	3,287,844 \$	3,287,844	\$	3,407,957 \$	3,407,957
	=			=		

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 8 - PENSION PLAN

Public Employees' Retirement System (PERS)

<u>Plan Description</u> - 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 www.state.nj.us/treasury/pensions/annrprts.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:

Tier Definition

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

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 before age 62 with 25 or more years of service credit 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.

<u>Basis of Presentation</u> - 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 amounts presented in the 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.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 8 - PENSION PLAN - (Continued)

Public Employees' Retirement System (PERS) - (Continued)

Contributions - The contribution policy for PERS is set by N.J.S.A. 15 A 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 fiscal year 2016, 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.

Three-Year Trend Information for PERS

Year Funding	 Annual Pension Cost (APC)	Percentage of APC Contributed	Net Pension Obligation
2017	\$ 212,324	100%	\$ 5,608,668
2016	196,232	100%	6,542,011
2015	177.068	100%	4,623,328

Components of Net Pension Liability - As of October 31, 2017, the Authority reported a liability of \$5,608,668 for its proportionate share of the PERS net pension liability. The net pension liability was measured as of June 30, 2017. 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 June 30, 2016, to the measurement date of June 30, 2017. The Authority's proportion of the net position liability was based on the Authority's actual contributions to the plan relative to the total of all participating employer's contributions for the year ended June 30, 2017. The Authority's proportion measured as of June 30, 2017 was .02409% which was an increase of .002% from its proportion measured as of June 30, 2016.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 8 - PENSION PLAN - (Continued)

Public Employees' Retirement System (PERS) - (Continued)

Collective Balances as of October 31, 2017 and 2016

	_	2017	_	2016
Actuarial valuation date		July 1, 2016	J	uly 1, 2015
Deferred outflows of resources Deferred inflows of resources Net pension liability	\$ \$ \$	2,183,383 - 5,608,668	\$ \$ \$	2,432,535 - 6,542,011
Authority's portion of the plan's total net pension liability		0.02409%		0.02209%

<u>Pension Expense and Deferred Outflows/Inflows of Resources</u> For the year ended October 31, 2017, the Authority recognized pension expense of \$664,821. As of October 31, 2017, the Authority reported deferred outflows of resources and deferred inflows of resources related to PERS from the following sources:

		eferred Outflows of Resources		eferred Inflows of Resources
Changes of assumptions Net difference between expected and actual experience	\$	1,129,953 132,065	\$	1,125,811 -
Net difference between projected and actual earnings on pension plan investments		38,191		-
Changes in proportion and differences between Authority contributions and proportionate share of contributions	_	883,174	_	_
Total	\$ _	2,183,383	\$ _	1,125,811

Amounts allocated as deferred outflows of resources and deferred inflows of resources related to pensions will be included in pension expense as follows:

Year Ended June 30:	 PERS
2018	\$ 308,668
2019	375,876
2020	297,365
2021	16,064
2022	59,599
Total	\$ 1,057,572

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 8 - PENSION PLAN - (Continued)

Public Employees' Retirement System (PERS) - (Continued)

<u>Actuarial Assumptions</u> - The collective 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. This actuarial valuation used the following actuarial assumptions:

Measurement date June 30, 2017

Actuarial valuation date July 1, 2016

Inflation rate 2.25%

Salary increases based on age:

Through 2026 1.65 - 4.15%
Thereafter 2.65 - 5.15%

Investment rate of return 7.00%

Mortality rates were based on the RP-2000 Combined Health Male and Female Mortality Tables (setback 1 year for males and females) for service retirement and beneficiaries of former members with adjustments for mortality improvements from the base year of 2013 based on Projection Scale AA. The RP-2000 Disabled Mortality Tables (setback 3 years for males and setback 1 year for females) are used to value disabled retirees.

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.

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, 2017) is determined by the State Treasurer, after consultation with the Directors of the Division of Investments and Division of Pensions and Benefits, the board of trustees and the actuaries. The long-term expected rate of return was determined using a building block method in which best estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included PERS's target asset allocation as of June 30, 2017 are summarized in the following table.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 8 - PENSION PLAN - (Continued)

Public Employees' Retirement System (PERS) - (Continued)

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Absolute return/risk mitigation Cash equivalents U.S. Treasuries	5.00% 5.50% 3.00%	5.51% 1.00% 1.87%
Investment Grade Credit Public high yield Global diversified credit	10.00% 2.50% 5.00%	3.78% 6.82% 7.10%
Credit oriented hedge funds Debt related private equity Debt related real estate	1.00% 2.00% 1.00%	6.60% 10.63% 6.61%
Private real estate Equity related real estate U.S. equity	2.50% 6.25% 30.00%	11.83% 9.23% 8.19%
Non-U.S. developed markets equity Emerging markets equity Buyouts/venture capital	11.50% 6.50% 8.25%	9.00% 11.64% 13.08%
	100.00%	

<u>Discount Rate</u> - The discount rate used to measure the total pension liability was 5.00% as of June 30, 2017. 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 3.58% as of June 30, 2017, 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 actuarially determined contributions. Based on those assumption, 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.

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY NOTES TO FINANCIAL STATEMENTS

(Continued) OCTOBER 31, 2017 AND 2016

NOTE 8 - PENSION PLAN - (Continued)

Public Employees' Retirement System (PERS) - (Continued)

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 as of June 30, 2017 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 (4.00%) or 1-percentage -point higher (6.00%) than the current rate:

			Current		
	-	1% Decrease (4.00%)	 Discount Rate (5.00%)	-	1% Increase (6.00%)
Authority's proportionate share of the net pension liability	\$	6,728,048	\$ 5,608,668	\$	4,676,463

Adopted Accounting Pronouncements - For the year ended October 31, 2015, the Authority implemented GASB Statement No. 68 Accounting and Financial Reporting for Pensions - (Amendment to GASB Statement No. 27) and GASB Statement No. 71, Pension Transition for Contributions Made Subsequent to the Measurement Date. The implementation of the Statements requires the Authority to report as an asset and/or a liability its portion of the collective net pension's asset and liability of the New Jersey Public Employees' Retirement System (PERS). The implementation of the Statements also requires the Authority to report a deferred outflow and/or inflow for the effect of the net change in the Authority's proportion of the collective net pension asset and/or liability and difference during the measurement period between the Authority's contributions and its proportionate share of total contributions to the pension systems not included in pension expense.

Also included as a deferred outflow is the Authority contributions to the pension system subsequent to the measurement date.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 9 - OTHER POST EMPLOYMENT BENEFITS

<u>Plan Description</u> - The Lakewood Township Municipal Utilities Authority is a single-employer, defined healthcare plan established through the Lakewood Township Municipal Utilities Authority. The plan provides healthcare insurance for eligible retirees (retirees with at least 25 years of service, of which 15 years must be with the Authority) through the Lakewood Township Municipal Utilities Authority group health insurance plan, which covers both active and retired members. At November 1, 2012, the date of the last plan valuation, the Lakewood Township Municipal Utilities Authority covered twenty-seven (twenty-five active plan members and two retirees receiving benefits).

<u>Contributions</u> - For fiscal year 2017, Lakewood Township Municipal Utilities Authority contributed \$226,900 to the plan. In the event that plan assets are not sufficient to pay for benefits under the plan, the Lakewood Township Municipal Utilities Authority is required to contribute the additional amounts necessary to provide the benefits. In fiscal year 2017, no additional contributions were required. Administrative costs of the plan are paid by the Authority.

Funded Status - As of November 1, 2012, the actuarial accrued liability (AAL) for benefits was \$1,553,500, and the actuarial I value of assets was \$0, resulting in an unfunded actuarial accrued liability (UAAL) of \$1,553,500 funded ratio of 0 percent. The covered payroll (annual payroll of active employees covered by the plan) was \$1,258,700, and the ratio of the UAAL to the covered payroll was 123 percent.

Methods and Assumptions - The projection of future benefit payments for an ongoing plan involves 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 the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer (ARC) are subject to continual revision as results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, presents multiyear trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Projection of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the 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 the point. The methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The following assumptions were made:

Demographic assumptions - Are the same used to project the data as those used to value the SHBP and the PERS pension liabilities. There is no assumptions for future new hires.

Mortality - Life expectancies were based on mortality tables from the Society of Actuaries the RP-2000 mortality table.

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 9 - OTHER POST EMPLOYMENT BENEFITS (Continued)

The following assumptions were made: (Continued)

Turnover - The Authority's historical data on turnover by age were used as the basis for assigning active plan members a probability of remaining employed until the assumed retirement age and for developing an expected future working lifetime assumption for purposes of allocating to periods the present value of total benefits to be paid.

Healthcare cost trend rate - The expected rate of increase in healthcare insurance premiums was based on projections of the Office of the Actuary at the Centers for Medicare & Medicaid Services. A rate of 8.5 percent initially, reduced to an ultimate rate of 5 percent after seven to nine years, was used.

Health insurance premiums - 2012 health insurance premiums for retirees were used as the basis for calculation of the present value of total benefits to be paid.

The discount rate used, 4 percent, is a blended rate reflecting the expected long-term investment returns on plan assets and the city's investments. The calculation of the blended rate was based on the historical and expected levels of employer contributions in relation to the ARC. In addition, the projected unit actuarial cost method was used, and the actuarial value of plan assets is measured at fair value. The unfunded actuarial accrued liability is being amortized as a level dollar amount. The remaining amortization period at October 31, 2010, was thirty years.

Schedule of Funding Progress for the

Actuarial Valuation Date	_	Actuarial Value of Assets (a)	Acc	Actuarial crued Liabilit (AAL) Entry age (b)	y -	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ([b - a] / c)
11/1/2012	\$	0	\$	1,553,500	\$	1,553,500	0.00%	1,258,700	123.00%

S	chec	dule of Emplo	yer (Contribution	S	
				30 year		Annual
Fiscal Year Ended		ervice Cost end of year	Ar —	nortization UAL	C	Required ontribution
10/31/2013	\$	137,100	\$	89,800	\$	226,900

NOTES TO FINANCIAL STATEMENTS (Continued) OCTOBER 31, 2017 AND 2016

NOTE 10 - UNEARNED REVENUE EASEMENT AND ASSIGNMENT OF CELL TOWER LEASES

The Lakewood Township Municipal Utilities Authority has entered into a agreement with LD Holdings, LLC to purchase easement and the assignment of rental lease agreements with cellular carriers. Term of leases is forty (40) years commencing in 2012. The purchase price paid at closing was \$725,000. The purchase price is being amortized over four hundred eighty (480) months at \$1,510 per month.

The Lakewood Township Municipal Utilities Authority has entered into a agreement with SBA Site Management, LLC to purchase easement and the assignment of rental lease agreements with cellular carriers. Term of leases is fifty (50) years commencing in 2016. The purchase price paid at closing was \$425,000. The purchase price is being amortized over six hundred (600) months at \$708 per month.



BUDGETARY COMPARISON SCHEDULE OF WATER OPERATIONS YEAR ENDED OCTOBER 31, 2017

Variance with

	Rudaetec	Budgeted Amounts	Actual	Final Budget
	Original	Final	Budgetary	
	(Unaudited)	(Unaudited)	Basis	Positive(Negative)
OPERATING REVENUES: Water service charges Connection fees Other income	\$ 5,676,514 100,359 74,000	\$ 5,676,514 100,359 74,000	\$ 5,549,147 588,924 106,997	\$ (127,367) 488,565 32,997
Total operating revenues	5,850,873	5,850,873	6,245,068	394,195
COST OF OPERATIONS: Personnel services	1,228,433	1,228,433	1,116,765	111,668
Employee benefits Administrative	1,061,716	1,061,716	987,436 406,550	74,280 (49,350)
Operations and maintenance Depreciation, net	1,103,500	1,103,500	1,079,843 1,080,856	23,657 (1,080,856)
Total cost of operations	3,750,849	3,750,849	4,671,450	(920,601)
Operating profit	2,100,024	2,100,024	1,573,618	(526,406)
OTHER INCOME (EXPENSE): Investment income Amortization	32,500	32,500	43,734 29,638	11,234 29,638
Net income available for debt service	2,132,524	2,132,524	1,646,990	(485,534)
DEBT SERVICE COSTS: Bond interest expense Bond redemption	408,849 1,365,886	408,849	348,213	(60,636) (1,365,886)
Total debt service costs	1,774,735	1,774,735	348,213	(1,426,522)
CAPITAL OUTLAYS	4,725,500	4,725,500	1,174,208	3,551,292
Excess (deficiency) of revenues over expenditures, debt service and capital outlays	\$ (4,367,711)	\$ (4,367,711)	\$ 124,569	\$ 4,492,280

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BUDGETARY COMPARISON SCHEDULE OF SEWER OPERATIONS YEAR ENDED OCTOBER 31, 2017 LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

	Budgete	Budgeted Amounts	Actual	Variance with Final Budget
	Original (Unaudited)	Final (Unaudited)	Budgetary Basis	Positive(Negative)
OPERATING REVENUES: Sewer service charges Connection fees Other income	\$ 4,644,420 43,011 64,000	\$ 4,644,420 43,011 64,000	\$ 4,698,016 213,335 67,719	\$ 53,596 170,324 3,719
Total operating revenues	4,751,431	4,751,431	4,979,070	227,639
COST OF OPERATIONS: Personnel services Employee benefits Administrative Operations and maintenance	798,950 721,628 238,800 2,861,241	798,950 721,628 238,800 2,861,241	735,921 656,895 231,917 2,692,016	63,029 64,733 6,883 169,225
Depreciation net Total cost of operations	4,620,619	4,620,619	420,333	(116,463)
Operating profit	130,812	130,812	241,988	111,176
OTHER INCOME (EXPENSE): Investment income Amortization	32,500	32,500	43,734	11,234
Net income available for debt service	163,312	163,312	288,884	125,572
DEBT SERVICE COSTS: Bond interest expense Bond redemption	25,935 114,805	25,935 114,805	23,628	(2,307)
Total debt service costs	140,740	140,740	23,628	(117,112)
CAPITAL OUTLAYS	3,758,000	3,758,000	1,024,201	2,733,799
Excess (deficiency) of revenues over expenditures, debt service and capital outlays	\$ (3,735,428)	\$ (3,735,428)	\$ (758,945)	\$ 2,742,259

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SCHEDULE OF REVENUES, EXPENSES AND CHANGES IN NET POSITION - UNRESTRICTED AND RESTRICTED YEAR ENDED OCTOBER 31, 2017 WITH COMPARATIVE TOTALS FOR YEAR ENDED OCTOBER 31, 2016

			REST	RESTRICTED			
			BOND	BOND	RENEWAL AND		TOTALS
Operating revenues:	UNRESTRICTED	CONSTRUCTION	SERVICE	RESERVE	REPLACEMENT	2017	2016
Water and sewer service charges	\$ 10.247.163	€.	€.		€.	\$ 10.247.163	0 830 741
Connection fees		•			>		
	1,11,100,100,100,100,100,100,100,100,10					602,200	0.7,100,1
Other income	1/4,/16					174,716	274,475
Total operating revenues	11,224,138	1	1		ı	11,224,138	11,795,991
Cost of operations:							
Personnel services	1,852,686					1,852,686	1,834,841
Employee benefits	1,644,331					1,644,331	1,827,770
Administrative	638,467					638,467	710,980
Operations & Maintenance	3,771,859					3,771,859	3,819,685
Depreciation	2,381,055					2,381,055	2,281,651
Total cost of operations	10,288,398		1	1		10,288,398	10,474,927
Operating profit	935,740	•	•	1	ı	935,740	1,321,064
Other income (expense):			ļ				
Investment Income Rond interest expense	/69'99	1,369	1,370	17,880	152	87,468	84,918
בסוים וויפוסאן פאספוואפ			(338,041)			(339,041)	(434,191)
Net income before transfers	1,002,437	1,369	(337,671)	17,880	152	684,167	971,791
Transfers:							
Investment income, net	20,771	(1,369)	(1,370)	(17,880)	(152)	•	ı
Bond interest expense	(339,041)		339,041			•	•
Depreciation on assets purchased							
with contributed capital	998'628					879,866	843,215
To (from) restricted assets	(1,600,460)	1,544,780	55,528	1	152	•	1
Increase (decrease) in net position	(36,427)	1,544,780	55,528	•	152	1,564,033	1,815,006
Prior period restatement						1	•
Net Position beginning of year	5,782,532	28,920,300	24,329	441,984	49,878	35,219,023	33,404,017
Net Position - end of year	\$ 5,746,105	\$ 30,465,080	\$ 79,857	\$ 441,984	\$ 50,030	\$ 36,783,056	\$ 35,219,023

See auditors' report

SCHEDULES OF CASH RECEIPTS, CASH DISBURSEMENTS AND CHANGES IN CASH AND INVESTMENTS UNRESTRICTED ACCOUNTS YEARS ENDED OCTOBER 31, 2017 AND 2016

		2017	2016
Cash and investments at beginning of year	\$	12,947,935	\$ 15,161,510
Cash receipts:			
Operating revenues		11,144,390	12,643,198
Investment income		65,359	65,703
Increase in escrow funds		336,120	-
Transfers from restricted funds		17,880	17,880
Total cash and investments available		24,511,684	27,888,291
Cash disbursements:			
Operations		7,399,569	7,216,146
Decrease in escrow funds		-	320,890
Transfers to restricted funds		3,437,802	7,403,320
Total cash disbursements	-	10,837,371	14,940,356
Cash and investments at end of year	\$:	13,674,313	\$ 12,947,935
Balance comprised of:			
Cash and interest bearing accounts	\$	13,091,338	\$ 12,296,842
Investments		582,975	651,093
	\$	13.674.313	\$ 12,947,935
-	\$	582,975 13,674,313	\$ 651,093 12,947,935

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY SCHEDULE OF CASH RECEIPTS, CASH DISBURSEMENTS AND CHANGES IN CASH INVESTMENTS RESTRICTED ACCOUNTS YEAR ENDED OCTOBER 31, 2017 WITH COMPARATIVE TOTALS FOR THE YEAR ENDED OCTOBER 31, 2016

	CON	CONSTRUCTION	I	BOND	<u>~</u>	BOND RESERVE	REN REP	RENEWAL AND REPLACEMENT		TO 2017	TOTALS 	2016
Cash and investments at beginning of year	↔	743,298	↔	1,731,276	↔	441,984	€	49,878	€	2,966,436	↔	3,192,637
Cash receipts: Interest Developer enhancements Transfers from unrestricted fund		1,369 941,932 1,422,776		1,370		17,880		152		20,771 941,932 3,437,802		19,215 1,990,194 7,403,320
Total cash and investments available		3,109,375		3,747,672		459,864		50,030	1 1	7,366,941	1 1	12,605,366
Cash disbursements: Capital expenditures Principal reduction long term debt Bond interest expense Transfer to unrestricted fund		2,303,265	l	1,480,691		17,880			I	2,303,265 1,480,691 452,710 17,880	I	7,547,166 1,524,223 549,661 17,880
Total cash disbursements		2,303,265	[1,933,401	ı	17,880		1	l	4,254,546	ı	9,638,930
Cash and investments at end of year	₩	806,110	₩	1,814,271	₩	441,984	₩	50,030	↔	3,112,395	∨	2,966,436
Balance comprised of: Cash and interest bearing accounts Investments	↔	407,526	<i></i>	1,814,271	ω	441,984	€9	50,030	∨	407,526 2,704,869	e s	209,572 2,756,864
	↔	806,110	₩	1,814,271	₩	441,984	₩	50,030	₩	3,112,395	₩	2,966,436

See auditors' report

SCHEDULE OF OPERATING EXPENSES YEAR ENDED OCTOBER 31, 2017 WITH COMPARATIVE TOTALS FOR THE YEAR ENDED OCTOBER 31, 2016

				T	ota	
	Water	Sewer		2017		2016
PERSONNEL SERVICES			,			
Plant & distribution	\$ 666,477	\$ 285,633	\$	952,110	\$	923,599
Administration	332,260	332,260		664,520		686,744
Engineering	100,528	100,528		201,056		189,498
Commissioners	17,500	17,500		35,000		35,000
	1,116,765	735,921	,	1,852,686		1,834,841
EMPLOYEE BENEFITS						
Health insurance	347,049	231,366		578,415		626,246
Pension expense	403,823	265,882		669,705		807,008
Post employment benefit plan	136,140	90,760		226,900		226,900
Payroll taxes	83,667	57,716		141,383		139,164
Workman's compensation insurance	16,757	11,171		27,928		28,452
	987,436	656,895		1,644,331		1,827,770
ADMINISTRATIVE						
Office costs	10,480	10,196		20,676		22,377
Postage & advertising notices	23,297	16,191		39,488		36,516
Bank fees	3,492	3,490		6,982		7,732
Licenses and taxes	51,646	3,640		55,286		69,419
Insurance	26,795	17,864		44,659		40,018
Legal	4,520	4,520		9,040		34,283
Engineering	100,577	51,261		151,838		144,458
Accounting and actuary	33,363	33,363		66,726		68,608
Dues, publications and seminars	7,727	7,620		15,347		13,526
Repairs and maintenances	24,949	24,028		48,977		79,661
Telephone	13,767	13,374		27,141		25,168
Computer costs	46,307	37,532		83,839		68,446
Trustee fees	47,242	1,968		49,210		73,488
Sundry	12,388	6,870		19,258		27,280
	406,550	231,917		638,467		710,980
OPERATIONS AND MAINTENANCE						
Ocean County Utilities Authority	-	2,426,191		2,426,191		2,380,745
Purchased water	333,755	-		333,755		321,896
Utilities - electric & gas	317,574	75,023		392,597		349,463
Chemicals and supplies	184,430	16,881		201,311		243,074
Laboratory tests	34,849	-		34,849		22,963
Repairs and maintenance	154,973	130,167		285,140		341,328
Vehicle costs	9,668	9,668		19,336		23,860
Meter costs	31,523	21,015		52,538		122,618
Tools, small equipment & uniforms	13,071	13,071	,	26,142		13,738
	1,079,843	2,692,016		3,771,859		3,819,685
DEPRECIATION	1,573,530	807,525		2,381,055		2,281,651
	\$ 5,164,124	\$ 5,124,274	\$	10,288,398	\$	10,474,927





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CERTIFIED PUBLIC ACCOUNTANTS

1339 RIVER AVENUE, P.O. BOX 261, LAKEWOOD, NEW JERSEY 08701-5615 732/363-6500 FAX: 732/363-0675

Chairman and Commissioners of Lakewood Township Municipal Utilities Authority

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

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States and audit requirements as prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, the financial statements of the Lakewood Township Municipal Utilities Authorities, as of and for the year ended October 31, 2017, and the related notes to the financial statements which collectively comprise the Lakewood Township Municipal Utilities Authorities basic financial statements, and have issued our report thereon dated June 5, 2018.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Lakewood Township Municipal Utilities Authorities internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Lakewood Township Municipal Utilities Authorities internal control.

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

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

Mohel Elliott Bauer & Gass

A PROFESSIONAL ASSOCIATION

CERTIFIED PUBLIC ACCOUNTANTS

Chairman and Commissioners of Lakewood Township Municipal Utilities Authority

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Lakewood Township Municipal Utilities Authorities financial statements are free from 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 and opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards or audit requirements as prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the 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.

Mole Elbert Burn & Bessi

MOHEL ELLIOTT BAUER & GASS, P.A.

Certified Public Accountants

June 5, 2018 Lakewood, New Jersey