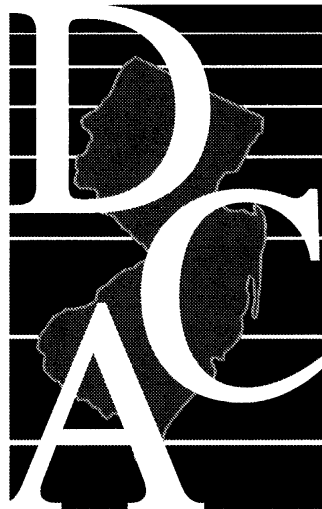


2016
(FYE 12/1/16 TO 11/30/17)
Lower Township Municipal
Utilities
Authority Budget

www.ltmua.org

Department Of



**Community
Affairs**

Division of Local Government Services

2016 AUTHORITY BUDGET

Certification Section

2016

**LOWER TOWNSHIP MUNICIPAL UTILITIES
AUTHORITY BUDGET**

FISCAL YEAR: FROM DECEMBER 1, 2016 TO NOVEMBER 30, 2017

For Division Use Only

CERTIFICATION OF APPROVED BUDGET

It is hereby certified that the approved Budget made a part hereof complies with the requirements of law and the rules and regulations of the Local Finance Board, and approval is given pursuant to N.J.S.A. 40A:5A-11.

*State of New Jersey
Department of Community Affairs
Director of the Division of Local Government Services*

By: Paul D'Arcy CPA, RMA Date: 10/27/2016

CERTIFICATION OF ADOPTED BUDGET

It is hereby certified that the adopted Budget made a part hereof has been compared with the approved Budget previously certified by the Division, and any amendments made thereto. This adopted Budget is certified with respect to such amendments and comparisons only.

*State of New Jersey
Department of Community Affairs
Director of the Division of Local Government Services*

By: _____ Date: _____

2016 PREPARER'S CERTIFICATION

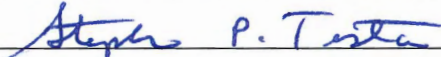
LOWER TOWNSHIP MUNICIPAL UTILITIES

AUTHORITY BUDGET

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

It is hereby certified that the Authority Budget, including both the Annual Budget and the Capital Budget/Program annexed hereto, represents the members of the governing body's resolve with respect to statute in that: all estimates of revenue are reasonable, accurate and correctly stated; all items of appropriation are properly set forth; and in itemization, form and content, the budget will permit the exercise of the comptroller function within the Authority.

It is further certified that all proposed budgeted amounts and totals are correct. Also, I hereby provide reasonable assurance that all assertions contained herein are accurate and all required schedules are completed and attached.

Preparer's Signature:			
Name:	Stephen P. Testa, CPA, RMA for Romano, Hearing, Testa & Knorr		
Title:	Financial Services Consultant		
Address:	150 S. Main Road Vineland, New Jersey 08360		
Phone Number:	856.692.9100 Ext. 103	Fax Number:	856.794.8862
E-mail address	stesta@rhtservices.com		

2016 APPROVAL CERTIFICATION


LOWER TOWNSHIP MUNICIPAL UTILITIES

AUTHORITY BUDGET

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

It is hereby certified that the Authority Budget, including all schedules appended hereto, are a true copy of the Annual Budget and Capital Budget/Program approved by resolution by the governing body of the Lower Township Municipal Utilities Authority, at an open public meeting held pursuant to N.J.A.C. 5:31-2.3, on the 5th day of October, 2016.

It is further certified that the recorded vote appearing in the resolution represents not less than a majority of the full membership of the governing body thereof.

Officer's Signature:			
Name:	Sharon Otto		
Title:	Secretary		
Address:	2900 Bayshore Road Villas, NJ 08251		
Phone Number:	(609) 886-7146 Ext. 222	Fax Number:	(609) 886-6184
E-mail address	soltmua@comcast.net		

INTERNET WEBSITE CERTIFICATION

Authority's Web Address:	www.ltmua.org
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All authorities shall maintain either an Internet website or a webpage on the municipality's or county's Internet website. The purpose of the website or webpage shall be to provide increased public access to the authority's operations and activities. N.J.S.A. 40A:5A-17.1 requires the following items to be included on the Authority's website at a minimum for public disclosure. Check the boxes below to certify the Authority's compliance with N.J.S.A. 40A:5A-17.1.

- A description of the Authority's mission and responsibilities
- Commencing with 2013, the budgets for the current fiscal year and immediately preceding two prior years
- The most recent Comprehensive Annual Financial Report (Unaudited) or similar financial information
- Commencing with 2012, the annual audits of the most recent fiscal year and immediately two prior years
- The Authority's rules, regulations and official policy statements deemed relevant by the governing body of the authority to the interests of the residents within the authority's service area or jurisdiction
- Notice posted pursuant to the "Open Public Meetings Act" for each meeting of the Authority, setting forth the time, date, location and agenda of each meeting
- Beginning January 1, 2013, the approved minutes of each meeting of the Authority including all resolutions of the board and their committees; for at least three consecutive fiscal years
- The name, mailing address, electronic mail address and phone number of every person who exercises day-to-day supervision or management over some or all of the operations of the Authority
- A list of attorneys, advisors, consultants and any other person, firm, business, partnership, corporation or other organization which received any remuneration of \$17,500 or more during the preceding fiscal year for any service whatsoever rendered to the Authority.

It is hereby certified by the below authorized representative of the Authority that the Authority's website or webpage as identified above complies with the minimum statutory requirements of N.J.S.A. 40A:5A-17.1 as listed above. A check in each of the above boxes signifies compliance.

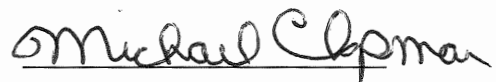
Name of Officer Certifying compliance

Michael Chapman

Title of Officer Certifying compliance

Executive Director

Signature



RESOLUTION NO. 108-2016
2016 AUTHORITY BUDGET RESOLUTION
LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

WHEREAS, the Annual Budget and Capital Budget for the Lower Township Municipal Utilities Authority for the fiscal year beginning, December 1, 2016 and ending, November 30, 2017 has been presented before the governing body of the Lower Township Municipal Utilities Authority at its open public meeting of October 5, 2016; and

WHEREAS, the Annual Budget – **Sewer Operation** as introduced reflects Total Revenues of \$4,701,727, Total Appropriations, including any Accumulated Deficit if any, of \$6,241,646 and Total Unrestricted Net Position utilized of \$1,539,919; and

WHEREAS, the Capital Budget – **Sewer Operation** as introduced reflects Total Capital Appropriations of \$2,244,000 and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$-0-; and

WHEREAS, the Annual Budget – **Water Operation** as introduced reflects Total Revenues of \$3,679,033 Total Appropriations, including any Accumulated Deficit if any, of \$4,535,264 and Total Unrestricted Net Position utilized of \$856,231; and

WHEREAS, the Capital Budget – **Water Operation** as introduced reflects Total Capital Appropriations of \$3,864,000 and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$-0-; and

WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues, together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for such reserves, all as may be required by law, regulation or terms of contracts and agreements; and

WHEREAS, the Capital Budget/Program, pursuant to N.J.A.C. 5:31-2, does not confer any authorization to raise or expend funds; rather it is a document to be used as part of the said Authority's planning and management objectives. Specific authorization to expend funds for the purposes described in this section of the budget, must be granted elsewhere; by bond resolution, by a project financing agreement, by resolution appropriating funds from the Renewal and Replacement Reserve or other means provided by law.

NOW, THEREFORE BE IT RESOLVED, by the governing body of the Lower Township Municipal Utilities Authority, at an open public meeting held on October 5, 2016 that the Annual Budget, including all related schedules, and the Capital Budget/Program of the Lower Township Municipal Utilities Authority for the fiscal year beginning, December 1, 2016 and ending, November 30, 2017 is hereby approved; and

BE IT FURTHER RESOLVED, that the anticipated revenues as reflected in the Annual Budget are of sufficient amount to meet all proposed expenditures/expenses and all covenants, terms and provisions as stipulated in the said Authority's outstanding debt obligations, capital lease arrangements, service contracts, and other pledged agreements; and

BE IT FURTHER RESOLVED, that the governing body of the Lower Township Municipal Utilities Authority will consider the Annual Budget and Capital Budget/Program for adoption on November 2, 2016.

Shawn Otto
 (Secretary's Signature)

10-5-16
 (Date)

Governing Body
 Member:

Recorded Vote

Member:		Aye	Nay	Abstain	Absent
Brian O'Connor	Chairman				<
Thomas A. Frisoli, Jr.	Vice Chairman	X			
Harrison Bitting	Treasurer	X			
Stephen Sheftz	Assistant Treasurer	X			
Jacqueline Henderson	Member	X			


2016 ADOPTION CERTIFICATION

LOWER TOWNSHIP MUNICIPAL UTILITIES

AUTHORITY BUDGET

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

It is hereby certified that the Authority Budget and Capital Budget/Program annexed hereto is a true copy of the Budget adopted by the governing body of the Lower Township Municipal Utilities Authority, pursuant to N.J.A.C. 5:31-2.3, on the 2th day of, November, 2016.

Officer's Signature:			
Name:	Sharon Otto		
Title:	Secretary		
Address:	2900 Bayshore Road Villas, NJ 08251		
Phone Number:	(856) 468-1111	Fax Number:	(856) 464-0034
E-mail address	soltmua@comcast.net		

**RESOLUTION NO. 116-2016
2016 ADOPTED BUDGET RESOLUTION**

**LOWER TOWNSHIP MUNICIPAL UTILITIES
AUTHORITY**

FISCAL YEAR: FROM: DECEMBER 1, TO: NOVEMBER 30,
2016 2017

WHEREAS, the Annual Budget and Capital Budget/Program for the Lower Township Municipal Utilities Authority for the fiscal year beginning December 1, 2016 and ending, November 30, 2017 has been presented for adoption before the governing body of the Lower Township Municipal Utilities Authority at its open public meeting of October 5, 2016; and

WHEREAS, the Annual Budget and Capital Budget as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services; and

WHEREAS, the Annual Budget – **Sewer Operation** as presented for adoption reflects Total Revenues of \$4,701,727, Total Appropriations, including any Accumulated Deficit if any, of \$6,241,646 and Total Unrestricted Net Position utilized of \$1,539,919; and

WHEREAS, the Capital Budget – **Sewer Operation** as presented for adoption reflects Total Capital Appropriations of \$2,244,000 and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$-0-; and

WHEREAS, the Annual Budget – **Water Operation** as presented for adoption reflects Total Revenues of \$3,679,033 Total Appropriations, including any Accumulated Deficit if any, of \$4,535,264 and Total Unrestricted Net Position utilized of \$856,231; and

WHEREAS, the Capital Budget – **Water Operation** as presented for adoption reflects Total Capital Appropriations of \$3,864,000 and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$-0-; and

NOW, THEREFORE BE IT RESOLVED, by the governing body of Lower Township Municipal Utilities Authority, at an open public meeting held on November 2, 2016 that the Annual Budget and Capital Budget/Program of the Lower Township Municipal Utilities Authority for the fiscal year beginning, December 1, 2016 and, ending, November 30, 2017 is hereby adopted and shall constitute appropriations for the purposes stated; and

BE IT FURTHER RESOLVED, that the Annual Budget and Capital Budget/Program as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services.

Shawn O'Ho
(Secretary's Signature)

11-2-16
(Date)

Governing Body
Member:

Recorded Vote

		Aye	Nay	Abstain	Absent
Brian O'Connor	Chairman	X			
Thomas A. Frisoli, Jr.	Vice Chairman	X			
Harrison Bitting	Treasurer	X			
Stephen Sheftz	Assistant Treasurer	X			
Jacqueline Henderson	Member	X			

2016 AUTHORITY BUDGET

Narrative and Information Section

2016 AUTHORITY BUDGET MESSAGE & ANALYSIS

LOWER TOWNSHIP MUNICIPAL UTILITIES

AUTHORITY BUDGET

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

Answer all questions below. Attach additional pages and schedules as needed.

1. Complete a brief statement on the 2016 proposed Annual Budget and make comparison to the 2015 adopted budget for each operation. Explain any variances over +/-10% for each line item by operation. Explanations of variances should include a description of the reason for the increase/decrease in the budgeted line item, not just an indication of the amount and percent of the change. Attach any supporting documentation that will help to explain the reason for the increase/decrease in the budgeted line item. For example, if anticipated service charges have increased 15% due to an increase in rates, provide a copy of the resolution authorizing the rate increase.

See continuation sheet attached.

2. Complete a brief statement on the impact the proposed Annual Budget will have on Anticipated Revenues, especially service charges and on the general purpose/component unit financial statements. Explain significant increases or decreases, if any. An increase or decrease is considered significant if it is over +/-10% from the current year adopted budget.

Service charge rates are not anticipated to increase in the proposed budget. No significant increases/decreases are anticipated. See continuation sheet attached for additional comments regarding revenues.

3. Describe the state of the local/regional economy and how it may impact the proposed Annual Budget, including the planned Capital Budget/Program.

The local economy is stable and should have no impact on the proposed budget.

4. Describe the reasons for utilizing Unrestricted Net Position in the proposed Annual Budget, i.e. rate stabilization, debt service reduction, to balance the budget, etc. If the Authority's budget anticipates a use of Unrestricted Net Position, this question must be answered.

Unrestricted Net Position is being utilized for rate stabilization and to balance the Sewer and Water Operations Budgets, but primarily to fund the non-operating appropriation *Renewal and Replacement Reserve*.

5. Identify any sources of funds transferred to the County/Municipality as a budget subsidy or a shared service and explain the reason for the transfer (i.e.: to balance the County/Municipality budget, etc.).

Not Applicable.

6. The proposed budget must not reflect an anticipated deficit from 2015 operations. If there exists an accumulated deficit from prior years' budgets (and funding is included in the proposed budget as a result of a prior deficit) explain the funding plan to eliminate said deficit (N.J.S.A. 40A:5A-12). If the Authority has a net deficit reported in its most recent audit, it must provide a deficit reduction plan in response to this question.

Not Applicable.

7. Attach a schedule of the Authority's existing rate structure (connection fees, parking fees, service charges, etc.) and a schedule of the proposed rate structure for the upcoming fiscal year. Explain any proposed changes in the rate structure and attach the resolution approving the change in the rate structure, if applicable.

See attached schedule of the Authority's rates. There are no planned increases at this time.

8. Attach a copy of the Authority's most recent Annual Operating Data submission to the Municipal Securities Rulemaking Board's Electronic Municipal Marketplace Access (EMMA) under the Authority's Continuing Disclosure Agreements for any debt issuances outstanding. Examples of Annual Operating Data may include sewer and water billings; parking rents and collections; number of customers; number of available parking spaces; etc. See Local Finance Notice 2014-9 for more information.

See attached as well as the response to question 17, Page N-3 (2 of 2).

2016 AUTHORITY BUDGET MESSAGE & ANALYSIS (Continued)
LOWER TOWNSHIP MUNICIPAL UTILITIES
AUTHORITY BUDGET

FISCAL YEAR: FROM: DECEMBER 1, TO: NOVEMBER
2016 30, 2017

1. With respect to Revenues:

Total Anticipated Revenues are budgeted to be \$9,852 less than the prior year, which is only a 0.12% change.

The Authority's service charge revenues are projected to decrease \$102,252 (1.25%) from the prior year, which is primarily the result of more conservatively estimating "excess water" charges in the current budget. Connection fees are projected to be \$56,000 higher than the prior year budgeted amount, due to additional water customers being added in the East Villas section of the Township. Other Operating Revenue is projected to increase approximately \$8,600, the net of a decrease in Penalty/Interest revenue and an increase in miscellaneous fees related to customer charges. Non-Operating Revenues is projected to increase by \$27,800 due to budgeting Water Tower Leases to cell phone service providers at an amount that .

With respect to Appropriations:

Administration costs are projected to decrease 1.7%. Salaries and Wages are projected to increase \$36,362 or 11.6% partially as a result of bringing previously outsourced billing and collection duties in house. Savings are reflected in the Administration – Other Expense area, which decreased by \$54,000 or 7.8%.

Cost of Providing Services are projected to decrease \$214,880 or 2.9%.

Principal payments in lieu of Depreciation is anticipated to increase by \$68,909 with a corresponding decrease in interest payments of \$41,359 because of the debt reduction.

The increase in Non-Operating appropriations primarily reflects the increase in the provision for Renewal & Replacement Reserves in the amount of \$1,904,000 to fund capital projects. There is also a decrease in the Municipality/County Appropriation line due to the fact there is no provision for a payment to the Township, while in the prior year, the Authority amended its budget to appropriate \$205,000 to the Township.

AUTHORITY CONTACT INFORMATION

2016

Please complete the following information regarding this Authority. All information requested below must be completed.

Name of Authority:	Lower Township Municipal Utilities Authority		
Address:	2900 Bayshore Road		
City, State, Zip:	Villas	NJ	08251
Phone: (ext.)	(609) 886-7146	Fax:	(609) 886-6184

Preparer's Name:	Stephen P. Testa, CPA, RMA for Romano, Hearing, Testa & Knorr, Financial Services Consultant		
Preparer's Address:	150 S. Main Road		
City, State, Zip:	Vineland	NJ	08360
Phone: (ext.)	(856) 692-9100 Ext. 103	Fax:	856-794-8862
E-mail:	stesta@rhtservices.com		

Chief Executive Officer:	Michael Chapman, Executive Director		
Phone: (ext.)	(609) 886-7146 (X 218)	Fax:	(609) 886-6184
E-mail:	mchapman@ltmua.org		

Chief Financial Officer:	Harrison A. Bitting, Treasurer		
Phone: (ext.)	(609) 886-7146	Fax:	(609) 886-6184
E-mail:			

Name of Auditor:	Carol A. McAllister, CPA, RMA		
Name of Firm:	Bowman & Company, LLP		
Address:	601 White Horse Road		
City, State, Zip:	Voorhees	NJ	08043
Phone: (ext.)	(856) 821-6864	Fax:	(856) 435-0440
E-mail:	cmcallister@bowmanllp.com		

AUTHORITY INFORMATIONAL QUESTIONNAIRE

LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

Answer all questions below completely and attach additional information as required.

- 1) Provide the number of individuals employed in calendar year 2015 as reported on the Authority's Form W-3, Transmittal of Wage and Tax Statements: **29**
- 2) Provide the amount of total salaries and wages for calendar year 2015 as reported on the Authority's Form W-3, Transmittal of Wage and Tax Statements: **\$1,155,589 (Box 16 State Wages)**
- 3) Provide the number of regular voting members of the governing body: **5**
- 4) Provide the number of alternate voting members of the governing body: **None**
- 5) Did any person listed on Page N-4 have a family or business relationship with any other person listed on Page N-4 during the current fiscal year? **No** If "yes," attach a description of the relationship including the names of the individuals involved and their positions at the Authority.
- 6) Did all individuals that were required to file a Financial Disclosure Statement for the current fiscal year because of their relationship with the Authority file the form as required? **Yes** If "no," provide a list of those individuals who failed to file a Financial Disclosure Statement and an explanation as to the reason for their failure to file.
- 7) Does the Authority have any amounts receivable from current or former commissioners, officers, key employees or highest compensated employees? **No** If "yes," attach a list of those individuals, their position, the amount receivable, and a description of the amount due to the Authority.
- 8) Was the Authority a party to a business transaction with one of the following parties:
 - a. A current or former commissioner, officer, key employee, or highest compensated employee? **No**
 - b. A family member of a current or former commissioner, officer, key employee, or highest compensated employee? **No**
 - c. An entity of which a current or former commissioner, officer, key employee, or highest compensated employee (or family member thereof) was an officer or direct or indirect owner? **No**

If the answer to any of the above is "yes," attach a description of the transaction including the name of the commissioner, officer, key employee, or highest compensated employee (or family member thereof) of the Authority; the name of the entity and relationship to the individual or family member; the amount paid; and whether the transaction was subject to a competitive bid process.
- 9) Did the Authority during the most recent fiscal year pay premiums, directly or indirectly, on a personal benefit contract? A personal benefit contract is generally any life insurance, annuity, or endowment contract that benefits, directly or indirectly, the transferor, a member of the transferor's family, or any other person designated by the transferor. **No** If "yes," attach a description of the arrangement, the premiums paid, and indicate the beneficiary of the contract.
- 10) Explain the Authority's process for determining compensation for all persons listed on Page N-4. Include whether the Authority's process includes any of the following: 1) review and approval by the commissioners or a committee thereof; 2) study or survey of compensation data for comparable positions in similarly sized entities; 3) annual or periodic performance evaluation; 4) independent compensation consultant; and/or 5) written employment contract. **See Below**

The compensation for all Board members was established by Ordinance of the Township of Lower and is currently set at \$1,200/year. The compensation for the Executive Director and Superintendent is determined by written employment contract. Such contracts are reviewed and approved by the Authority's Board.

- 11) Did the Authority pay for meals or catering during the current fiscal year? **No** If "yes," attach a detailed list of all meals and/or catering invoices for the current fiscal year and provide an explanation for each expenditure listed.

**AUTHORITY INFORMATIONAL QUESTIONNAIRE
(CONTINUED)
LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**

FISCAL YEAR: FROM: DECEMBER 1, TO: NOVEMBER
2016 30, 2017

- 12) Did the Authority pay for travel expenses for any employee or individual listed on Page N-4? **Yes** If “yes,” attach a detailed list of all travel expenses for the current fiscal year and provide an explanation for each expenditure listed.
Michael Chapman, Executive Director and Craig Loper, Superintendent attended the Water Environmental Federation Technical Conference in Chicago, IL. Total Costs \$4,824.
- 13) Did the Authority provide any of the following to or for a person listed on Page N-4 or any other employee of the Authority:
- a. First class or charter travel **No**
 - b. Travel for companions **No**
 - c. Tax indemnification and gross-up payments **No**
 - d. Discretionary spending account **No**
 - e. Housing allowance or residence for personal use **No**
 - f. Payments for business use of personal residence **No**
 - g. Vehicle/auto allowance or vehicle for personal use **Yes (See below).**
 - h. Health or social club dues or initiation fees **No**
 - i. Personal services (i.e.: maid, chauffeur, chef) **No**
- If the answer to any of the above is “yes,” attach a description of the transaction including the name and position of the individual and the amount expended.
13) g. Michael Chapman, Executive Director, Craig Loper, Superintendent, Mark Johnson, Supervisor: Auto Fringe for personal use of vehicle- Amount to be determined at the end of the year.
- 14) Did the Authority follow a written policy regarding payment or reimbursement for expenses incurred by employees and/or commissioners during the course of Authority business and does that policy require substantiation of expenses through receipts or invoices prior to reimbursement? **Yes** If “no,” attach an explanation of the Authority’s process for reimbursing employees and commissioners for expenses.
- 15) Did the Authority make any payments to current or former commissioners or employees for severance or termination? **No** If “yes,” attach explanation including amount paid.
- 16) Did the Authority make any payments to current or former commissioners or employees that were contingent upon the performance of the Authority or that were considered discretionary bonuses? **No** If “yes,” attach explanation including amount paid.
- 17) Did the Authority comply with its Continuing Disclosure Agreements for all debt issuances outstanding by submitting its audited annual financial statements, annual operating data, and notice of material events to the Municipal Securities Rulemaking Board’s Electronic Municipal Marketplace Access (EMMA) as required? **Yes.** If “no,” attach a description of the Authority’s plan to ensure compliance with its Continuing Disclosure Agreements in the future. **The Audited financial statements were posted to EMMA, and the Authority has engaged Phoenix Advisors to perform the annual updates to the annual operating data and required disclosure and have them posted to EMMA.**
- 18) Did the Authority receive any notices from the Department of Environmental Protection or any other entity regarding maintenance or repairs required to the Authority’s systems to bring them into compliance with current regulations and standards that it has not yet taken action to remediate? **No** If “yes,” attach explanation as to why the Authority has not yet undertaken the required maintenance or repairs and describe the Authority’s plan to address the conditions identified.
- 19) Did the Authority receive any notices of fines or assessments from the Department of Environmental Protection or any other entity due to noncompliance with current regulations (i.e.: sewer overflow, etc.)? **No** If “yes,” attach a description of the event or condition that resulted in the fine or assessment and indicate the amount of the fine or assessment.

**AUTHORITY SCHEDULE OF COMMISSIONERS, OFFICERS, KEY EMPLOYEES,
HIGHEST COMPENSATED EMPLOYEES AND INDEPENDENT CONTRACTORS**

LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

FISCAL YEAR: FROM: DECEMBER 1, TO: NOVEMBER
2016 30, 2017

Complete the attached table for all persons required to be listed per #1-4 below.

- 1) List all of the Authority's current commissioners and officers and amount of compensation from the Authority and any other public entities as defined below. Enter zero if no compensation was paid.
- 2) List all of the Authority's key employees and highest compensated employees other than a commissioner or officer as defined below and amount of compensation from the Authority and any other public entities.
- 3) List all of the Authority's former officers, key employees and highest compensated employees who received more than \$100,000 in reportable compensation from the Authority and any other public entities during the most recent fiscal year completed.
- 4) List all of the Authority's former commissioners who received more than \$10,000 in reportable compensation from the Authority and any other public entities during the most recent fiscal year completed.

Commissioner: A member of the governing body of the authority with voting rights. Include alternates for purposes of this schedule.

Officer: A person elected or appointed to manage the authority's daily operations at any time during the year, such as the chairperson, vice-chairperson, secretary, or treasurer. For the purposes of this schedule, treat the authority's top management official and top financial official as officers. A member of the governing body may be both a commissioner and an officer for the purposes of this schedule.

Key employee: An employee or independent contractor of the authority (other than a commissioner or officer) who meets both of the following criteria:

- a) The individual received reportable compensation from the authority and all related entities in excess of \$150,000 for the most recent fiscal year completed; and
- b) The individual has responsibilities or influence over the authority as a whole or has power to control or determine 10% or more of the authority's capital expenditures or operating budget.

Highest compensated employee: One of the five highest compensated employees or independent contractors of the authority other than current commissioners, officers, or key employees whose aggregate reportable compensation from the authority and related entities is greater than \$100,000 for the most recent fiscal year completed.

Compensation: All forms of cash and non-cash payments or benefits provided in exchange for services, including salaries and wages, bonuses, severance payments, deferred payments, retirement benefits, fringe benefits, and other financial arrangements or transactions such as personal vehicles, meals, housing, personal and family education benefits, below-market loans, payment of personal or family travel, entertainment, and personal use of the Authority's property. Compensation includes payments and other benefits provided to both employees and independent contractors in exchange for services.

Reportable compensation: The aggregate compensation that is reported (or is required to be reported) on Form W-2, box 1 or 5, whichever amount is greater, and/or Form 1099-MISC, box 7, for the most recent calendar year ended 60 days before the start of the proposed budget year. For example, for fiscal years ending December 31, 2016, the calendar year 2014 W-2 and 1099 should be used (60 days prior to start of budget year is November 1, 2015, with 2014 being the most recent calendar year ended), and for fiscal years ending June 30, 2017, the calendar year 2015 W-2 and 1099 should be used (60 days prior to start of budget year is May 1, 2016, with 2015 being the most recent calendar year ended).

Other Public Entity: Any municipality, county, local authority, fire district, or other government unit, regardless of whether it is related in any way to the Authority either by function or by physical location.

Authority Schedule of Commissioners, Officers, Key Employees, Highest Compensated Employees and Independent Contractors (Continued)

Lower Township Municipal Utilities Authority
 For the Period December 1, 2016 to November 30, 2017

Name	Title	Average Hours per Week Dedicated to Position	Position					Reportable Compensation from Authority (W-2/ 1099)		Estimated amount of other compensation from the Authority (health benefits, pension, etc.)	Total Compensation from Authority	Names of Other Public Entities where Individual is an Employee or Member of the Governing Body	Positions held at Other Public Entities Listed in Column O	Average Hours per Week Dedicated to Positions at Other Public Entities Listed in Column O	Reportable Compensation from Other Public Entities (W-2/ 1099)	Estimated amount of other compensation from Other Public Entities (health benefits, pension, payment in lieu of health benefits, etc.)	Total Compensation All Public Entities
			Commissioner	Officer	Key Employee	Highest Compensated Employee	Former	Base Salary/ Stipend	Bonus								
1 Brian O'Connor	Chairman		X	X				\$ 1,200	\$ -	\$ -	\$ 1,200	Cape May County	GIS Specialist	\$ 35	65493	\$ -	\$ 66,693
2 Thomas A. Frisoli, Jr.	Vice Chairman		X	X				1,200	-	-	1,200	None					1,200
3 Harrison Bitting	Treasurer		X	X				1,200	-	-	1,200	None					1,200
4 Steve Sheftz	Asst. Treasurer		X	X				1,200	-	-	1,200	None					1,200
5 Jacqueline Henderson	Member		X					1,200	-	-	1,200	None					1,200
6 Michael Chapman	Exec. Director	40		X				117,300	-	-	117,300	None					117,300
7 Craig Loper	Superintendent	40			X			97,000	10,000	31,014	138,014	Stone Harbor	Plant Oper		5,000	-	143,014
8 Craig Loper (Continued)												Lower Cape May					
9												Regional	Plant Oper		3,000	-	3,000
10																	-
11																	-
12																	-
13																	-
14																	-
15																	-
Total:								\$ 220,300	\$ -	\$ 10,000	\$ 31,014	\$ 261,314			\$ 73,493	\$ -	\$ 334,807

Enter the total number of employees/ independent contractors who received more than \$100,000 in total reportable compensation for the most recent fiscal year completed:

2

Schedule of Health Benefits - Detailed Cost Analysis

Lower Township Municipal Utilities Authority
For the Period December 1, 2016 to November 30, 2017

	# of Covered Members (Medical & Rx) Proposed Budget	Annual Cost Estimate per Employee Proposed Budget	Total Cost Estimate Proposed Budget	# of Covered Members (Medical & Rx) Current Year	Annual Cost per Employee Current Year	Total Current Year Cost	\$ Increase (Decrease)	% Increase (Decrease)
Active Employees - Health Benefits - Annual Cost								
Single Coverage	0		\$ -			\$ -	\$ -	#DIV/0!
Parent & Child	2	20,089	40,178	2	20,522	41,044	(866)	-2.1%
Employee & Spouse (or Partner)	1	22,446	22,446	1	24,286	24,286	(1,840)	-7.6%
Family	15	31,192	467,880	14	32,665	457,310	10,570	2.3%
Employee Cost Sharing Contribution (enter as negative -)			(36,331)			(19,773)	(16,558)	83.7%
Subtotal	18		494,173	17		502,867	(8,694)	-1.7%
Commissioners - Health Benefits - Annual Cost								
Single Coverage			-			-	-	#DIV/0!
Parent & Child			-			-	-	#DIV/0!
Employee & Spouse (or Partner)			-			-	-	#DIV/0!
Family			-			-	-	#DIV/0!
Employee Cost Sharing Contribution (enter as negative -)							-	#DIV/0!
Subtotal	0		-	0		-	-	#DIV/0!
Retirees - Health Benefits - Annual Cost								
Single Coverage	2	11,754	23,508	2	11,027	22,054	1,454	6.6%
Parent & Child	1	23,427	23,427	1	21,692	21,692	1,735	8.0%
Employee & Spouse (or Partner)	10	28,998	289,980	10	27,220	272,200	17,780	6.5%
Family			-			-	-	#DIV/0!
Employee Cost Sharing Contribution (enter as negative -)							-	#DIV/0!
Subtotal	13		336,915	13		315,946	20,969	6.6%
GRAND TOTAL	31		\$ 831,088	30		\$ 818,813	\$ 12,275	1.5%

Is medical coverage provided by the SHBP (Yes or No)?

Yes

Is prescription drug coverage provided by the SHBP (Yes or No)?

Yes

Schedule of Accumulated Liability for Compensated Absences

Lower Township Municipal Utilities Authority
 For the Period December 1, 2016 to November 30, 2017

Complete the below table for the Authority's accrued liability for compensated absences.

*Legal Basis for Benefit
(check applicable items)*

Individuals Eligible for Benefit	Gross Days of Accumulated Compensated Absences at beginning of Current Year	Dollar Value of Accrued Compensated Absence Liability	Approved Labor Agreement	Resolution	Individual Employment Agreement
Sharon Otto	100	\$ 19,629	X		
Charles Brown	4	776	X		
Donald Embs	66	16,927	X		
Michael Girard	67	14,892	X		
Andrew Hilvert	19	3,215	X		
Jesse Matsinger	8	2,058	X		
Edward Stockton	2	427	X		
William Dunn	11	2,397	X		
James McDonald	37	7,049	X		
Gustave Winter	6	1,057	X		
Mark Johnson	48	13,439			X
Craig Loper	23	8,271			X
Michael Chapman	16	7,117			X
See Next Page for Continuation					
Total liability for accumulated compensated absences at beginning of current year		\$ 97,254			

Schedule of Accumulated Liability for Compensated Absences

Lower Township Municipal Utilities Authority
For the Period December 1, 2016 to November 30, 2017

Complete the below table for the Authority's accrued liability for compensated absences.

*Legal Basis for Benefit
(check applicable items)*

Individuals Eligible for Benefit	Gross Days of Accumulated Compensated Absences at beginning of Current Year	Dollar Value of Accrued Compensated Absence Liability	Approved Labor Agreement	Resolution	Individual Employment Agreement
Continued from prior page		\$ 97,254			
Steve Sudol	9	1,540	X		
James Bray	9	1,415	X		
Dennis Winslow	10	1,895	X		
Total liability for accumulated compensated absences at beginning of current year		\$ 102,104			

Schedule of Shared Service Agreements

Lower Township Municipal Utilities Authority

For the Period

December 1, 2016

to

November 30, 2017

Enter the shared service agreements that the Authority currently engages in and identify the amount that is received/paid for those services.

Name of Entity Providing Service	Name of Entity Receiving Service	Type of Shared Service Provided	Comments (Enter more specifics if needed)	Agreement Effective Date	Agreement End Date	Amount to be Received by/ Paid from Authority
No formal shared services agreements at the current time						

Water Rates

LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY RESOLUTION NO. 171-2010

RESOLUTION AMENDING SCHEDULES OF RATES AND CHARGES FOR THE WATER SYSTEM OF THE LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY AND RESCINDING ALL PREVIOUS RESOLUTIONS

WHEREAS, the following increases in the water service charges have been recommended and approved by the Auditors, Ford, Scott and Associates of the Lower Township Municipal Utilities Authority; and WHEREAS, the Authority has determined that the following water service charges should be charged and collected in accordance with the Municipal Utilities Authorities Law of the State of New Jersey (N.J.S.A. 40:14B, et seq.) and Bond Resolutions adopted pursuant thereto.

NOW, THEREFORE, BE IT RESOLVED, by the Lower Township Municipal Utilities Authority that the Schedule of Rates and Fees is adopted as follows:

SECTION I: RATE SCHEDULE OF QUARTERLY WATER SERVICE RATES AND CHARGES

SIZE OF METER	CONSUMPTION OF WATER ALLOWED IN MINIMUM QUARTERLY CHARGE IN GALLONS	MINIMUM QUARTERLY CHARGE
5/8" Residential	10,000	\$ 62.48
3/4" Residential	10,000	66.06
1" Residential	20,000	157.36
5/8" Commercial	10,000	62.48
3/4" Commercial	10,000	66.06
1" Commercial	20,000	157.36
1 1/2" Commercial	40,000	216.21
2" Commercial	50,000	272.69
3" Commercial	80,000	430.05
4" Commercial	120,000	629.42
6" Commercial	250,000	1,236.02
8" Commercial	337,500	1,666.06
METER CHECKS		50.00
METER BOTTOM REPLACEMENT		50.00

Consumption in excess of the water allowance for the minimum quarterly charge shall be determined as follows:

(1) Excess usage, within the quarter, above the minimum, but less than twice the minimum, shall be charged at the rate of \$3.61 per thousand gallons.

(2) Excess usage, within the quarter, exceeding twice the minimum, shall be charged at the rate of \$3.97 per thousand gallons.

(3) Annual charge per Fire Hydrant Public	\$41.50
(4) Annual charge per Fire Hydrant Private	\$41.50
(5) Annual charge per Sprinkler System	\$139.34

SECTION II: BULK WATER SALES

(1) All bulk sales of water to any municipality, Utility Authority, Authority or private water utility shall be through a termed agreement approved by both parties and the New Jersey Department of Environmental Protection (NJDEP). Any infrastructure improvements to the MUA's wells, treatment, storage tanks, pipe lines, booster pumps, water meters, et cetera, required to supply, treat or deliver the water purchased shall be at the expense of the purchaser.

(2) All water meters used to calculate the amount of water supplied to the purchaser shall be in gallons and calibrated annually by actual flow of the meter. The cost of the calibration testing shall be shared equally by the MUA and the purchaser.

(3) The cost of water sold to the purchaser during off-peak times, (September 16 to May 14) shall be set at \$6.25 per 1,000 gallons or equal to the current quarterly minimum charge of a 5/8" water meter divided by the quarterly allowed water consumption in gallons.

(4) The cost of water sold to the purchaser during peak times, (May 15 to September 15) shall be set at \$7.81 per 1,000 gallons or equal to the current quarterly minimum charge of a 5/8" water meter divided by the quarterly allowed water consumption in gallons times one and one quarter percent (1.25%).

(5) A delivery charge of \$1.60 per 1,000 gallons shall be applied which is equal to the current connection fee divided by allowable gallons in five years, then divided by five (5) years. Example: $\$1,600/200 = \$8.00/5 = \$1.60$ per 1,000 gallons.

(6) Payment for bulk water sales shall be made monthly. The MUA shall read the bulk meter and issue a monthly invoice to the purchaser. Payment shall be made within thirty (30) days of the invoice date. Interest shall be applied to all unpaid balances at one and one half percent (1.5%) per month. Failure to pay within the thirty (30) day time limit shall result in termination of service and an interruption of service fee applied to the account as per the rate schedule.

SECTION III: BULK WATER SALES TANK TRUCKLOAD

One time bulk sales or tank truck sales shall be set at a rate of \$150.00 per truckload to a maximum of 7,000 gallons per truckload. Payment shall be due prior to providing the water.

SECTION IV: EMERGENCY BULK PURCHASES

(1) Emergency bulk purchases to any municipality, Utility Authority, Authority, or private water utility that currently has an interconnection with the MUA shall be defined as a condition where an immediate emergency or shortage of water is due to a mechanical failure, pipeline failure, or natural disaster and shall be for a period of time not to exceed thirty (30) days so adequate repairs may be made to the purchaser's system. The MUA Board may at their discretion extend the thirty (30) day period upon Board approval.

(2) The cost of water sold to the purchaser during off-peak times, (September 16 to May 14) shall be set at \$3.97 per 1,000 gallons or equal to the current excess usage at twice the minimum.

(3) The cost of water sold to the purchaser during peak times, (May 15 to September 15) shall be set at \$6.25 per 1,000 gallons or equal to the current quarterly minimum charge of a 5/8" water meter divided by the quarterly allowed water consumption in gallons.

(4) Payment for bulk water sales shall be made monthly. The MUA shall read the bulk meter and issue a monthly invoice to the purchaser. Payment shall be made within thirty (30) days of the invoice date. Interest shall be applied to all unpaid balances at one and one half percent (1.5%) per month. Failure to pay within the thirty (30) day time limit shall result in termination of service and an interruption of service fee applied to the account as per the rate schedule.

SECTION V: MISCELLANEOUS CHARGES

Charges for all other types of services not included in the above shall be established by contract between the Authority and each of such users. Only Fire Companies may use fire hydrants without special authorization of the Authority.

SECTION VI: DISCONTINUANCE AND RESTORATION OF SERVICE

(1) Discontinuance of service, at the user's request, shall be the responsibility of the user and the user must arrange to have his plumber turn off the service at the curb and must be responsible to drain the meter and lines within the property that would be susceptible to freezing. The Authority shall not be held liable or accountable for any damage which may result from water leaks, burst water pipes, frozen pipes or meters resulting from negligence of the property owner to take the necessary precautions to protect the complete water service, meter and appurtenances within the property.

(2) When water is turned "ON" or "OFF" at the request of the property owner, there will be no pro-rations of the minimum quarterly charge. It is the property owner's responsibility to maintain the account up to date.

(3) In the event that a service charge and/or a connection charge with regard to any parcel of real property shall not be paid as and when due, interest shall accrue and be due to the Municipal Utilities Authority on the unpaid balance at the rate of one and one half (1.5%) percent per month until such charge, and the interest thereon, shall be fully paid to the Municipal Utilities Authority and shall be a lien upon the premises so served. The Authority also has the right to terminate services in the event accounts become delinquent. If service is terminated, the property owner is responsible for paying the account up to date and an interruption of service fee of \$160.00 for residential properties and \$900.00 for commercial properties before service will be restored. The Township of Lower Municipal Utilities Authority is not responsible for any damages caused by termination of service.

(4) All billing will be made to the property owner who will remain responsible regardless of any change in tenants or those in possession. It is the owner's responsibility to notify the Authority in writing of correct billing information, including change of address, if inaccurate or if changed.

(5) With respect to charge for properties which shall be connected for the first time with said water system, from and after the date thereof, the charge for the first quarterly period shall be a percentage of the quarterly charge hereinabove, equal to the percentage of the quarterly period remaining after such connection.

(6) Any requests for review of any bill must be submitted in writing and received by the Authority within thirty (30) days of the billing date.

(7) All requests for disconnection shall be in writing and effective the date of disconnection. Disconnection shall require line being cut and capped. In the event of disconnection at owner's request, any application for reconnection shall be considered as a new customer and require all procedural aspects of a new connection, including but not limited to payment of one connection fee then in place. At the time of disconnection, the property owner may opt to continue to pay the minimum quarterly fee until water service is reconnected to the property. A new or reconnection fee shall be waived if the account is maintained up to date.

SECTION VII:

(1) The officers and agents of the Authority shall have unrestricted access at reasonable hours to all premises served by the Authority to inspect the water service and to see that the requirements of the Authority regarding the use of the customer's water connection are being observed.

(2) Any damage to lines, meters or any other property of the Authority caused by carelessness or neglect of a customer must be paid for by the customer upon presentation of a bill therefore.

(3) The names and addresses of the customers of the Authority shall not be publicly available, except to the extent required by law, and no mailing lists shall be provided by the Authority or by any of its Officers or Employees, which mailing lists are compiled from records of the Authority.

SECTION VIII:

(1) Any and all previous water rate resolutions are hereby rescinded.

Offered by: Thomas M. Brown, Sr.

Seconded: Kenn Mann

Adopted: January 5, 2011

Emily Oberkofler, Secretary

The foregoing Resolution was adopted after Second Reading and Public Hearing at the Regular meeting of the LTMUA held January 5, 2011.

Sewer Rates

LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY RESOLUTION NO. 170-2010

RESOLUTION AMENDING SCHEDULES OF RATES AND CHARGES FOR THE SEWER SYSTEM OF THE LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY AND RESCINDING ALL PREVIOUS RESOLUTIONS

WHEREAS, the following sewer service charges have been recommended and approved by the Auditors, Ford, Scott and Associates of the Lower Township Municipal Utilities Authority; and

WHEREAS, the Authority has determined that the following sewer service charges should be charged and collected in accordance with the Municipal Utilities Authorities Law of the State of New Jersey (N.J.S.A. 40:14B, et seq.) and Bond Resolutions adopted pursuant thereto.

NOW, THEREFORE, BE IT RESOLVED, by the Lower Township Municipal Utilities Authority that the Schedule of Rates and Fees be adopted as follows:

SECTION I: RATE SCHEDULE OF ANNUAL SEWER SERVICE RATES AND CHARGES. CUSTOMER CLASSIFICATION

	YEARLY
1. Single Family Dwelling (includes Condominiums, Townhouses, Mobile Homes, etc.)	\$320.00
2. Boarding House 0 to 4 Rental Rooms	400.00
Each Additional Room Thereafter	80.00
3. Apartment House Residential per unit	320.00
4. Apartment House Commercial per unit	320.00
5. Laundromat First Washer	400.00
Each Additional Washer Thereafter	240.00
6. Motel First Unit	320.00
Each Additional Unit Thereafter	160.00
7. Store less than 4,000 SF	400.00
8. Store more than 4,000 SF	2,000.00
9. Convenience Store more than 4,000 SF	2,500.00
10. Supermarket more than 4,000 SF	4,000.00
11. Fish Market	1,118.00
12. Garage Sales of Gasoline and Allied Products (no repairs)	320.00
13. Garage Sales of Gasoline and Allied Products (including repairs)	640.00
14. Office Fixtures 0 to 2	320.00
Each Additional Fixture Thereafter	80.00
15. Restaurant, Diner, Luncheonette, Bar, Lounge and any other Food Establishment with Public Restrooms (with or without seating capacity) 0-10 Seats	640.00
Each Additional Seat Thereafter	32.00
16. Marina Fixtures 0 to 2	1280.00
Each Additional Fixture Thereafter	240.00
17. Car Wash First Bay	960.00
Each Additional Bay Thereafter	240.00
18. Fire Station Fixtures 0 to 2	320.00
Each Additional Fixture Thereafter	80.00
19. Church	320.00
20. School 0 to 35 Pupils	640.00
Each Additional Pupil Thereafter	16.00
21. Barber Shop	320.00
22. Beauty Shop	640.00
23. Gym / Health Club less than 4 fixtures	1,000.00
24. Gym / Health Club more than 4 fixtures	1,350.00
25. Rescue Squad Building Fixtures 0 to 2	320.00
Each Additional Fixture Thereafter	80.00
26. Light Industry (Under 20 Employees) Fixtures 0 to 2	320.00
Each Additional Fixture Thereafter	80.00
27. Light Industry (Over 20 Employees)	1,280.00
Each Additional Employee	32.00
28. Assembly Halls, Lodges Fixtures 0 to 2	320.00
Each Additional Fixture Thereafter	80.00
29. RV & Travel Trailer sites 0 to 3 sites	640.00
Each Additional RV, Trailer site Thereafter	80.00
Each Additional Fixture in Common Areas	40.00
30. Coast Guard Base Fixtures 0 to 2	320.00
Each Additional Fixture Thereafter	80.00
31. Swimming Pool Fixtures 0 to 2	320.00
Each Additional Fixture Thereafter	80.00
32. Seafood Processing Facility, Per Thousand Gallons	3.69
33. Airport Industrial Park, Per Thousand Gallons	3.69
34. DRBA Ferry Terminal, Per Thousand Gallons	3.69
35. Convalescent Home, Per Thousand Gallons	3.69

Items to be included as a fixture: Toilets, Urinals, Tubs, Showers, Kitchen Sinks, Waste Sinks, Dishwashers and Washing Machines

SECTION II:

(1) Charges for all industries, manufacturing establishments, and types of properties not included above shall be established by contract between the Authority and each of such users.

(2) Any use not otherwise set forth shall be billed as a Single Family Dwelling.

SECTION III:

(1) The sewer service charges established herein shall become effective and chargeable to the owner of each connection unit on the date designated by the Authority, following the issuance of the Certificate of Completions on which date it shall be prepared to accept sewage into the Authority's sewer system for treatment.

(2) There is hereby established a Schedule of Rate Charges per year, payable quarterly in advance to the Authority Office. Said charges shall draw interest at the rate of one and one half (1.5%) percent per month from the time it becomes due and shall be a lien upon the premises connected. Such sewer charges are based upon estimated annual operation costs, annual amortization costs, and other costs of the Authority's sewage system, and may be changed from time to time as the need generated by such costs may require.

(3) Where premises or a building is occupied by more than one (1) commercial or industrial establishment, or by a combination of both types of establishments, the charge will be determined by applying the aforesaid rates to each commercial and industrial establishment located therein.

(4) All billing will be made to the property owner, who will remain responsible regardless of any change in tenants or those in possession. It is the owner's responsibility to notify the Authority in writing of correct billing information, including change of address, if inaccurate or if changed.

(5) With respect to charge for properties which shall be connected for the first time with said sewage system, from and after the date thereof, the charge for the first quarterly period shall be a percentage of the quarterly charge hereinabove, equal to the percentage of the quarterly period remaining after such connection.

(6) Any request for review of any bill must be submitted in writing and received by the Authority within thirty (30) days of the billing date. This provision shall apply to request for change of billing classification. There will be no retroactive classification changes.

(7) All requests for disconnection shall be in writing and effective the date of disconnection. Disconnection shall require line being cut and capped. In the event of disconnection at owner's request, any application for reconnection shall be considered as a new customer and require all procedural aspects of a new connection,

including but not limited to payment of one connection fee then in place. At the time of disconnection the property owner may opt to continue to pay the minimum quarterly fee until sewer service is reconnected to the property. A new or reconnection fee shall be waived if the account balance is maintained current.

(8) The Authority has the right to terminate services in the event accounts become delinquent. If service is terminated property owner is responsible for paying the account current plus an interruption of service fee of \$160.00 for residential properties and \$900.00 for commercial properties, before service will be restored. Lower Township Municipal Utilities Authority is not responsible for any damages caused by termination of service.

SECTION IV:

(1) The Officers and Agents of the Authority shall have unrestricted access at reasonable hours to all premises served by the Authority to inspect the collection system and to see that the requirements of the Authority regarding the use of the customer's sewer connection are being observed.

(2) Any damage to pipes, manholes, or any other property of the Authority caused by carelessness or neglect of a customer must be paid for by the customer upon presentation of the bill therefore.

(3) The names and addresses of the customers of the Authority shall not be publicly available, except to the extent required by law, and no mailing lists shall be provided by this Authority or by any of its Officers or Employees, which mailing lists are compiled from records of the Authority.

SECTION V: SURCHARGES AND FEES FOR SEAFOOD PROCESSING WASTE

(a) SURCHARGES REQUIRED. Although the Sewage Treatment works will be capable of treating the seafood processing waste, actual treatment of such Wastes may increase the costs of operating and maintaining the Public Sanitary Sewage System. Therefore, there will be imposed upon each entity discharging such Waste into the Public Sanitary Sewage System, a surcharge or surcharges which are intended to cover such additional costs. Such surcharges shall be in addition to regular Sewage service charges and shall be payable as herein provided.

(b) DETERMINATION OF SURCHARGES. The strength of any Seafood Processing Waste discharge of which is to be subject to surcharge as determined by subsection (c) of this Section VI shall be determined quarterly, or more frequently as the Authority shall determine, from samples taken either at the connection Manhole or metering chamber, or at any other sampling point mutually agreed upon by the Authority and the producer of such Waste. The frequency and duration of the sampling period shall be such, as in the opinion of the Authority, will permit a reasonably reliable determination of the average composition of such Waste, exclusive of Storm Water runoff. Samples shall be collected or their collection supervised by a representative of the Authority and will be composite samples that reasonably reflect the characteristics of the Waste over a 24 hour period. Except as herein after provided, the strength of Waste so found by analysis shall be used for establishing the surcharge or surcharges. However, the Authority may, if it so elects, accept the results of routine sampling and analysis by the producer of such Wastes in lieu of making its own sampling and analysis.

(c) CALCULATION OF SURCHARGES. In the event that, after sampling and analysis as prescribed in subsection (b) hereof, any Seafood Processing Waste is found by the Authority to have Pollutants of concentration in excess of 500mg/1 of Biochemical Oxygen Demand (BOD) and 500mg/1 of Total Suspended Solids (TSS) concentration in excess both averaged on a quarterly basis the producer of said Waste shall pay a strength of Waste surcharge in addition to the basic Sewage Service Charge, which surcharge shall be computed by using the following formula:

$$S = \frac{(BOD) + (TSS)}{500} / 2$$

Where:

S is the surcharge to be multiplied by the basic Sewage Service Charge, BOD and TSS are the respective concentrations of BOD and TSS of the Seafood Processing Waste expressed in mg/1. Surcharges are only applicable when either the average BOD or TSS concentration is less than 500mg/1, then 500mg/1 should be used in the calculations.

(d) Any municipal or industrial waste user causing or contributing to downstream problems of their discharge point in the MUA sewer system, such as grease, solids, hydrogen sulfide (H₂S), excessive corrosion, odors or other problems, shall be responsible for a pro-rata share of any cost the MUA expends to resolve the problem, whether the solution is short or long term. This applies to any material replacement, mechanical equipment, labor to install or chemical treatment.

(e) SAMPLING FEES AND SCHEDULES. All Industrial Users requiring an Industrial Waste Discharge Permit and all Significant Waste Generators shall be assessed a fee or service charge for each scheduled sampling to be performed by the Authority. The fees to the User for each scheduled sampling shall include charges as determined by the Authority, for sample collection, analysis and administrative services and shall be in addition to any costs of sample collection and analysis for which the User performs or has performed independently or privately.

SECTION VI

(1) Any and all previous sewer rate resolutions are hereby rescinded.

Offered by: Joseph Mento

Seconded: Kenn Mann

Adopted: January 5, 2011

Emily Oberkofler, Secretary

The foregoing Resolution was adopted after Second Reading and Public Hearing at the Regular meeting of the LTMUA held January 5, 2011.

**The Township of Lower Municipal Utilities Authority
Update of Certain General Financial, Operating and Demographic Information
As of November 30, 2015**

THE SYSTEM

Service Area

The Authority's service area comprises a portion of the Township consisting of approximately fifty percent of total area and approximately seventy-five percent of developable area. The Township has no plans to extend the Authority's service area. The service area includes those areas known as Diamond Beach, Town Bank, North Cape May, Schellinger Landing, Shawcrest, Cape May Beach, a portion of Cold Spring, Rabbit Run off Fishing Creek Road and the area immediately adjacent to Ocean Drive. The service area is residential in nature, with limited commercial and resort development. An industrial park at the County airport discharges daily approximately 12,767 gallons of effluent into the sewage collection system. This value is calculated using pump capacities and recorded run times.

The Water System

At the present time, the Water System serves an area of approximately twenty-seven (27) square miles, including all of North Cape May from Lincoln Boulevard to Town Bank Road, Bayshore West Section, Fishing Creek Road and Shunpike Road between Town Bank Road and Tabernacle Road, Bayshore Road East, Villas West Side of Bayshore Road, Miami Avenue South to Arbor Road, Villas East Side Star Avenue, Atlantic Avenue to Virginia Avenue and Arizona Avenue. The Water System presently consists of approximately 22,000 feet of 4-inch water main, 96,500 feet of 6-inch water main, 80,400 feet of 8-inch water main and 66,800 feet of 12-inch water main. Six production wells, two standpipes and two elevated tanks are also part of the existing system.

Well No. 1 and the Scott Avenue Standpipe are located at 1003 Scott Avenue of the North Cape May Section. This well is rated at 800 gallons per minute ("GPM") at a total head of 220 feet and is driven to a depth of 262 feet. Standpipe No. 1 has a storage capacity of 170,000 gallons, of which 100,000 gallons can be classified as "high pressure storage". This standpipe is currently out of service and is only used as a structure for cellular antenna mounting. Well No. 2 is located on Fire Lane, off Bayshore Road in the area of the Schooner's Landing Development. It is rated at 550 GPM at a total head of 252 feet and is driven to a depth of 247 feet. The Shunpike Road Standpipe is located at 808 Shunpike Road Crawford Road and Townbank Road. It has a storage capacity of 1.24 million gallons, of which 770,000 gallons can be classified as "high pressure storage". The Airport Elevated Tank is located at the Cape May County Airport along Saratoga Road near Kersage Road. The Millman water spheroid tank is located at 209 Bayshore Road in the Villas section of the Township with a capacity of 500,000 gallons. Well # 7 is located at 255 Fishing Creek Road. It is rated at 600 GPM at a total head of 252 feet and is driven to a depth of 308 feet. Well # 6 is located at the Cape May County Airport on Saratoga Road; between Hornet Road and Lexington Road. It is rated at 500 GPM at a total head of 252 feet and is driven to a depth of 260 feet. Well # 9 is located on Langley Road; near the Public Safety Building. It is rated at 500 GPM at a total head of 252 feet and is driven to a depth of 280 feet. Well number eight is located at 506 Breakwater Road. This wells permitted pumping capacity is 1,000 gallons per minute (GPM) at a total head

of 275 feet driven to a depth of 269 feet. All LTMUA wells are located in the Cohansey Aquifer and the water only requires disinfection before distribution.

Presently, there are 9,615 connections to the water distribution system. The present average daily demand is 1.41 million gallons per day (“MGD”) with a maximum average daily demand of 5.4 MGD. The present combined well treatment capacity is 5.832 MGD and a firm capacity of 4.392 MGD. Maximum diversion, however, from all the wells cannot exceed 143 million gallons per month, or 6.12 MGD, with a maximum annual diversion not to exceed 1,078 million gallons.

In checking the available flow capacities for the Water System, the minimum fire demand for the area must be taken into account. According to the Insurance Services Office, for residential districts similar to those existing in the service area, a fire demand of 1,000 - 1,500 GPM is required. Using an average rate of 1,250 GPM for ten (10) hours, a fire demand of 750,000 GPM is necessary. Comparing the aggregate available high pressure storage capacity of 810,000 gallons to Standpipe No. 1 and Standpipe No. 2 against the required demand figure of 750,000 GPM, it can be seen that more than sufficient storage capacity exists to satisfy the fire demand.

Based on the 2014 maximum daily demand, fire demand and allowable water division, there is approximately 1.74 MGD capacity remaining for expansion of the service area.

The Authority is of the opinion that the Water System presently has sufficient capacity for its existing customers. At the present time, there are no major expenditures required for maintenance, repair or replacement of equipment or facilities which the Authority has not already budgeted for.

Top Users by Classification Based on 2015 User Charge Collections

<u>Number of Users</u>	<u>Classification of User</u>	<u>User Charge Collections</u>
9,286	Residential Units	\$3,003,235
614	Commercial Units	320,554
644	Fire Systems/Fire Hydrants	14,318

Water Connection Charges

The water connection charges shall be payable in advance of connection to a water main. The fee for residential is \$1,600.00, small business/offices is \$1,800.00, and commercial/industrial is \$2,100.00 per connection plus physical costs. This rate schedule has been effective since January 5, 2011.

In addition to the above connection charge, the cost of water meter and outside reading equipment must be paid in advance.

Each property served, that has more than a single family dwelling, shall be required to install one meter for connection to the water mains of the Authority, said meter to measure all flows to the main. Adjustments are to be made by the Authority after these connection charges are received.

The Sewer System

The Sewer System provides secondary treatment followed by chlorination. The Authority does not treat septage and is not designated by the New Jersey Department of Environmental Protection & Energy to receive it. Those dwelling units not served by the Authority use on-lot sewage disposal. The Authority estimates that approximately eighty percent of the residential units, or 13,105 customers, of the Township are connected to the Sewer System.

At the present time, the Sewer System serves all the Villas area from Miami Avenue to Shadeland Avenue, and from Delaware Bay to the Eastern ends of the East-West Streets. The Villas system discharges to the wastewater treatment plant from the 36" North trunk line. Just to the south of the plant, the two Kechemeche developments are served by the 36" South trunk line. All of North Cape May, Town Bank, Bayshore West Estates, Route #9 bounded by Lincoln Boulevard on the South (including Cold Spring Apartments), the Delaware Bay on the West, Delview Road on the North and Seashore Road on the East are also served. Present flow figures compiled at the wastewater treatment plant indicated that the average daily flow from the connections to the Sewer System are sufficiently below the statistical averages utilized by the New Jersey Department of Environmental Protection & Energy. Assuming that peak flows occur at the wastewater treatment plant during the months of July and August 2015, the present average daily flow during these two periods was 2.36 MGD and 2.23 MGD, respectively. It is assumed that the average daily flow of 1.55MGD was derived from 12,121 accounts billed (includes an estimated 100 condominiums in the Diamond Beach area) and the Cape May County Airport industrial complex. The average daily flow per account billed would therefore be 129 GPD.

Sewer Connection Charges

The following connection charges are to be payable in advance for connecting to the Sewer System:

The fee for residential is \$1,600.00, small business/offices is \$1,800.00, and commercial/industrial is \$2,100.00 per connection plus costs equal to the Authority's costs of the labor and materials involved with the installation shall be made, and shall be payable in advance to the Authority;

All connections to the System are to be made by the Authority only after these connection charges and deposits for installation costs are received.

Connection Between Quarters: With respect to charges for properties which shall be connected for the first time with the Sewer System, from and after the date hereof, the charge of the first quarterly period shall be a percentage of the charge equal to the percentage of the quarterly period remaining after such connection.

Top Ten Users Based on User Charge Collections

<u>Number of Users</u>	<u>Classification of User</u>	<u>User Charge Collections</u>
12,530	Single Family Dwellings	\$4,076,445
701	Apartments	226,240
44	Restaurant, Luncheonettes, Diners, Bar/Lounges	149,312
2	Seafood Processing Facility	79,712
8	Schools	62,800
119	Stores, Convenience Store, Supermarket	58,436
2	Travel Trailers	39,760
11	Marinas	34,240
82	Offices	33,200
5	Motels	25,440

Historical Operations

	<u>Year Ended November 30,</u>		
	<u>2015</u>	<u>2014</u>	<u>2013</u>
Historical Operations:			
Service	\$9,160,165	\$9,358,346	\$9,541,714
Investment Income (Loss)	(1,329)	42	966
Other Non-Operating Revenue	<u>164,739</u>	<u>206,825</u>	<u>200,904</u>
Gross Revenue	\$9,323,575	\$9,565,213	\$9,743,584
Operations and Management Expenses	<u>\$4,617,438</u>	<u>\$4,486,042</u>	<u>\$4,667,910</u>
Net Revenue Available for Debt Service	<u>\$4,706,137</u>	<u>\$5,079,171</u>	<u>\$5,075,674</u>
Debt Service	\$2,341,681	\$2,419,303	\$2,233,209
Debt Coverage	200.97%	209.94%	227.28%

LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

RESOLUTION NO 106-2016

RE: 2016 ANNUAL AUDIT REPORT

WHEREAS, N.J.S.A. 40A:5A-5 requires the governing body of each local authority to cause an annual audit of its accounts to be made, and,

WHEREAS, the annual audit report for the fiscal year ended November 30, 2015 has been completed and filed with the Lower Township Municipal Utilities Authority pursuant to N.J.S.A. 40A:5A-15, and,

WHEREAS, N.J.S.A. 40A:5-17, requires the governing body of each authority to, within 45 days of receipt of the annual audit, certify by resolution to the Local Finance Board that each member thereof has personally reviewed the annual audit report, and specifically the sections of the audit report entitled "General Comments" and "Recommendations", and has evidenced same by group affidavit in the form prescribed by the Local Finance Board, and,

WHEREAS, the members of the governing body have received the annual audit and have personally reviewed the annual audit, and have specifically reviewed the sections of the annual audit report entitled "General Comments" and "Recommendations", in accordance with N.J.S.A. 40A:5A-17.

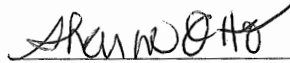
NOW, THEREFORE BE IT RESOLVED, that the governing body of the Lower Township Municipal Utilities Authority hereby certifies to the Local Finance Board of the State of New Jersey that each governing body member has personally reviewed the annual audit report for the fiscal year ended November 30, 2015, and specifically has reviewed the sections of the audit report entitled "General Comments" and "Recommendations", and has evidenced same by group affidavit in the form prescribed by the Local Finance Board.

BE IT FURTHER RESOLVED that the Secretary of the Authority is hereby directed to promptly submit to the Local Finance Board the aforesaid group affidavit, accompanied by a certified true copy of this resolution.

RESOLUTION NO. 106-2016

	BITTING	FRISOLI	HENDERSON	O'CONNOR	SHEFTZ
MOTION	X				
SECOND			X		
AYES	X	X	X		X
NAY					
ABSENT				X	
ABSTAIN					

I hereby certify that the foregoing is a true and exact copy of a resolution introduced and adopted by the Township of Lower Municipal Utilities Authority at a meeting held on October 5th, 2016.


Sharon Otto, Secretary

AUDIT REVIEW CERTIFICATE

We, the members of the governing body of the Lower Township Municipal Utilities Authority, being of full age and being duly sworn according to law, upon our oath depose and say:

1. We are duly appointed members of the Lower Township Municipal Utilities Authority.
2. We certify, pursuant to N.J.S.A. 40A:5A-17, that we have each reviewed the annual audit report for the fiscal year ended November 30, 2015, and specifically the sections of the audit report entitled "Findings and Recommendations".

Brian O'Connor, Chairman

Absent

Thomas A. Frisoli, Jr., Vice Chairman

Thomas A. Frisoli, Jr.

Harrison A. Bitting, Treasurer

Harrison A. Bitting

Stephen W. Sheftz, Assistant Treasurer

Stephen W. Sheftz

Jacqueline U. Henderson, Member

Jacqueline U. Henderson

Sworn to and subscribed before me this 5th day of October 2016.

Sharon Otto

Sharon Otto, Secretary

**2016 AUTHORITY BUDGET
(12/1/16 TO 11/30/17)**

Financial Schedules Section

Instructions:

Input requested information in highlighted boxes only. Information input into yellow boxes will automatically fill throughout the rest of the workbook. Please round to the nearest whole dollar. No pennies.

Authorities with fewer than 6 operations should mark the unused operations boxes below "N/A."

Name:	Lower Township Municipal Utilities Authority
Period Begin (i.e.: January 1, 2016):	December 1, 2016
Period End (i.e.: December 31, 2016):	November 30, 2017
Operation 1:	Sewer
Operation 2:	Water
Operation 3:	N/A
Operation 4:	N/A
Operation 5:	N/A
Operation 6:	N/A

2016 Budget Summary

Lower Township Municipal Utilities Authority

For the Period December 1, 2016 to November 30, 2017

	<i>Proposed Budget</i>						<i>Adopted Budget</i>	<i>\$ Increase (Decrease) Proposed vs. Adopted</i>	<i>% Increase (Decrease) Proposed vs. Adopted</i>	
	Sewer	Water	N/A	N/A	N/A	N/A	Total All Operations	Total All Operations	All Operations	All Operations
REVENUES										
Total Operating Revenues	\$ 4,701,227	\$ 3,523,733	\$ -	\$ -	\$ -	\$ -	\$ 8,224,960	\$ 8,262,612	\$ (37,652)	-0.5%
Total Non-Operating Revenues	500	155,300	-	-	-	-	155,800	128,000	27,800	21.7%
Total Anticipated Revenues	4,701,727	3,679,033	-	-	-	-	8,380,760	8,390,612	(9,852)	-0.1%
APPROPRIATIONS										
Total Administration	660,116	671,116	-	-	-	-	1,331,232	1,354,870	(23,638)	-1.7%
Total Cost of Providing Services	2,737,575	1,580,074	-	-	-	-	4,317,649	4,577,800	(260,151)	-5.7%
Total Principal Payments on Debt Service in Lieu of Depreciation	553,150	1,107,061	-	-	-	-	1,660,211	1,591,302	68,909	4.3%
Total Operating Appropriations	3,950,841	3,358,251	-	-	-	-	7,309,092	7,523,972	(214,880)	-2.9%
Total Interest Payments on Debt	46,805	313,013	-	-	-	-	359,818	401,177	(41,359)	-10.3%
Total Other Non-Operating Appropriations	2,244,000	864,000	-	-	-	-	3,108,000	1,409,000	1,699,000	120.6%
Total Non-Operating Appropriations	2,290,805	1,177,013	-	-	-	-	3,467,818	1,810,177	1,657,641	91.6%
Accumulated Deficit	-	-	-	-	-	-	-	-	-	#DIV/0!
Total Appropriations and Accumulated Deficit	6,241,646	4,535,264	-	-	-	-	10,776,910	9,334,149	1,442,761	15.5%
Less: Total Unrestricted Net Position Utilized	1,539,919	856,231	-	-	-	-	2,396,150	943,537	1,452,613	154.0%
Net Total Appropriations	4,701,727	3,679,033	-	-	-	-	8,380,760	8,390,612	(9,852)	-0.1%
ANTICIPATED SURPLUS (DEFICIT)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!

2016 Revenue Schedule

Lower Township Municipal Utilities Authority
For the Period December 1, 2016 to November 30, 2017

	Proposed Budget						Total All	Adopted Budget		\$ Increase	% Increase
	Sewer	Water	N/A	N/A	N/A	N/A	Operations	Total All		Proposed vs. Adopted	Proposed vs. Adopted
								Operations	All Operations		
OPERATING REVENUES											
<i>Service Charges</i>											
Residential	\$ 3,831,272	\$ 3,148,375					\$ 6,979,647	\$ 7,082,478	\$ (102,831)		-1.5%
Business/Commercial	830,555	264,358					1,094,913	1,094,334	579		0.1%
Industrial							-	-	-		#DIV/0!
Intergovernmental							-	-	-		#DIV/0!
Other							-	-	-		#DIV/0!
Total Service Charges	4,661,827	3,412,733	-	-	-	-	8,074,560	8,176,812	(102,252)		-1.3%
<i>Connection Fees</i>											
Residential	4,800	72,000					76,800	20,800	56,000		269.2%
Business/Commercial							-	-	-		#DIV/0!
Industrial							-	-	-		#DIV/0!
Intergovernmental							-	-	-		#DIV/0!
Other							-	-	-		#DIV/0!
Total Connection Fees	4,800	72,000	-	-	-	-	76,800	20,800	56,000		269.2%
<i>Parking Fees</i>											
Meters							-	-	-		#DIV/0!
Permits							-	-	-		#DIV/0!
Fines/Penalties							-	-	-		#DIV/0!
Other							-	-	-		#DIV/0!
Total Parking Fees	-	-	-	-	-	-	-	-	-		#DIV/0!
<i>Other Operating Revenues (List)</i>											
Penalty/Interest Revenue	25,600	30,000					55,600	65,000	(9,400)		-14.5%
Miscellaneous Fees	9,000	9,000					18,000	-	18,000		#DIV/0!
Other Revenue 3							-	-	-		#DIV/0!
Other Revenue 4							-	-	-		#DIV/0!
Total Other Revenue	34,600	39,000	-	-	-	-	73,600	65,000	8,600		13.2%
Total Operating Revenues	4,701,227	3,523,733	-	-	-	-	8,224,960	8,262,612	(37,652)		-0.5%
NON-OPERATING REVENUES											
<i>Grants & Entitlements (List)</i>											
Grant #1							-	-	-		#DIV/0!
Grant #2							-	-	-		#DIV/0!
Grant #3							-	-	-		#DIV/0!
Grant #4							-	-	-		#DIV/0!
Total Grants & Entitlements	-	-	-	-	-	-	-	-	-		#DIV/0!
<i>Local Subsidies & Donations (List)</i>											
Local Subsidy #1							-	-	-		#DIV/0!
Local Subsidy #2							-	-	-		#DIV/0!
Local Subsidy #3							-	-	-		#DIV/0!
Local Subsidy #4							-	-	-		#DIV/0!
Total Local Subsidies & Donations	-	-	-	-	-	-	-	-	-		#DIV/0!
<i>Interest on Investments & Deposits</i>											
Investments	500	500					1,000	1,000	-		0.0%
Security Deposits							-	-	-		#DIV/0!
Penalties							-	-	-		#DIV/0!
Other Investments							-	-	-		#DIV/0!
Total Interest	500	500	-	-	-	-	1,000	1,000	-		0.0%
<i>Other Non-Operating Revenues (List)</i>											
Water Tower Leases		154,800					154,800	127,000	27,800		21.9%
Other Non-Operating #2							-	-	-		#DIV/0!
Other Non-Operating #3							-	-	-		#DIV/0!
Other Non-Operating #4							-	-	-		#DIV/0!
Total Non-Operating Revenues	-	154,800	-	-	-	-	154,800	127,000	27,800		21.9%
Total Non-Operating Revenues	500	155,300	-	-	-	-	155,800	128,000	27,800		21.7%
TOTAL ANTICIPATED REVENUES	\$ 4,701,727	\$ 3,679,033	\$ -	\$ -	\$ -	\$ -	\$ 8,380,760	\$ 8,390,612	\$ (9,852)		-0.1%

2015 Adopted Revenue Schedule

Lower Township Municipal Utilities Authority

Adopted Budget

	Sewer	Water	N/A	N/A	N/A	N/A	Total All Operations
OPERATING REVENUES							
<i>Service Charges</i>							
Residential	\$ 3,831,693	\$ 3,250,785					\$ 7,082,478
Business/Commercial	831,984	262,350					1,094,334
Industrial							-
Intergovernmental							-
Other							-
Total Service Charges	4,663,677	3,513,135	-	-	-	-	8,176,812
<i>Connection Fees</i>							
Residential	4,800	16,000					20,800
Business/Commercial							-
Industrial							-
Intergovernmental							-
Other							-
Total Connection Fees	4,800	16,000	-	-	-	-	20,800
<i>Parking Fees</i>							
Meters							-
Permits							-
Fines/Penalties							-
Other							-
Total Parking Fees	-	-	-	-	-	-	-
<i>Other Operating Revenues (List)</i>							
Penalty/Interest Revenue	35,000	30,000					65,000
Other Revenue 2							-
Other Revenue 3							-
Other Revenue 4							-
Total Other Revenue	35,000	30,000	-	-	-	-	65,000
Total Operating Revenues	4,703,477	3,559,135	-	-	-	-	8,262,612
NON-OPERATING REVENUES							
<i>Grants & Entitlements (List)</i>							
Grant #1							-
Grant #2							-
Grant #3							-
Grant #4							-
Total Grants & Entitlements	-	-	-	-	-	-	-
<i>Local Subsidies & Donations (List)</i>							
Local Subsidy #1							-
Local Subsidy #2							-
Local Subsidy #3							-
Local Subsidy #4							-
Total Local Subsidies & Donations	-	-	-	-	-	-	-
<i>Interest on Investments & Deposits</i>							
Investments	500	500					1,000
Security Deposits							-
Penalties							-
Other Investments							-
Total Interest	500	500	-	-	-	-	1,000
<i>Other Non-Operating Revenues (List)</i>							
Water Tower Leases		127,000					127,000
Other Non-Operating #2							-
Other Non-Operating #3							-
Other Non-Operating #4							-
Other Non-Operating Revenues	-	127,000	-	-	-	-	127,000
Total Non-Operating Revenues	500	127,500	-	-	-	-	128,000
TOTAL ANTICIPATED REVENUES	\$ 4,703,977	\$ 3,686,635	\$ -	\$ -	\$ -	\$ -	\$ 8,390,612

2016 Appropriations Schedule

Lower Township Municipal Utilities Authority

For the Period December 1, 2016 to November 30, 2017

	Proposed Budget						Adopted Budget			\$ Increase (Decrease) Proposed vs. Adopted	% Increase (Decrease) Proposed vs. Adopted
	Sewer	Water	N/A	N/A	N/A	N/A	Total All				
							Operations	Operations	All Operations		
OPERATING APPROPRIATIONS											
<i>Administration - Personnel</i>											
Salary & Wages	\$ 174,366	\$ 174,366					\$ 348,732	\$ 312,370	\$ 36,362	11.6%	
Fringe Benefits	171,250	171,250					342,500	348,500	(6,000)	-1.7%	
Total Administration - Personnel	345,616	345,616	-	-	-	-	691,232	660,870	30,362	4.6%	
<i>Administration - Other (List)</i>											
See Attached Schedule	314,500	325,500					640,000	694,000	(54,000)	-7.8%	
							-	-	-	#DIV/0!	
							-	-	-	#DIV/0!	
Miscellaneous Administration*							-	-	-	#DIV/0!	
Total Administration - Other	314,500	325,500	-	-	-	-	640,000	694,000	(54,000)	-7.8%	
Total Administration	660,116	671,116	-	-	-	-	1,331,232	1,354,870	(23,638)	-1.7%	
<i>Cost of Providing Services - Personnel</i>											
Salary & Wages	535,825	501,324					1,037,149	999,300	37,849	3.8%	
Fringe Benefits	457,250	454,250					911,500	930,500	(19,000)	-2.0%	
Total COPS - Personnel	993,075	955,574	-	-	-	-	1,948,649	1,929,800	18,849	1.0%	
<i>Cost of Providing Services - Other (List)</i>											
See Attached Schedule	1,744,500	624,500					2,369,000	2,648,000	(279,000)	-10.5%	
							-	-	-	#DIV/0!	
							-	-	-	#DIV/0!	
Miscellaneous COPS*							-	-	-	#DIV/0!	
Total COPS - Other	1,744,500	624,500	-	-	-	-	2,369,000	2,648,000	(279,000)	-10.5%	
Total Cost of Providing Services	2,737,575	1,580,074	-	-	-	-	4,317,649	4,577,800	(260,151)	-5.7%	
Total Principal Payments on Debt Service in Lieu of Depreciation	553,150	1,107,061	-	-	-	-	1,660,211	1,591,302	68,909	4.3%	
Total Operating Appropriations	3,950,841	3,358,251	-	-	-	-	7,309,092	7,523,972	(214,880)	-2.9%	
NON-OPERATING APPROPRIATIONS											
Total Interest Payments on Debt	46,805	313,013	-	-	-	-	359,818	401,177	(41,359)	-10.3%	
Operations & Maintenance Reserve							-	-	-	#DIV/0!	
Renewal & Replacement Reserve	2,244,000	864,000					3,108,000	1,204,000	1,904,000	158.1%	
Municipality/County Appropriation							-	205,000	(205,000)	-100.0%	
Other Reserves							-	-	-	#DIV/0!	
Total Non-Operating Appropriations	2,290,805	1,177,013	-	-	-	-	3,467,818	1,810,177	1,657,641	91.6%	
TOTAL APPROPRIATIONS	6,241,646	4,535,264	-	-	-	-	10,776,910	9,334,149	1,442,761	15.5%	
ACCUMULATED DEFICIT											
TOTAL APPROPRIATIONS & ACCUMULATED DEFICIT	6,241,646	4,535,264	-	-	-	-	10,776,910	9,334,149	1,442,761	15.5%	
UNRESTRICTED NET POSITION UTILIZED											
Municipality/County Appropriation							-	205,000	(205,000)	-100.0%	
Other	1,539,919	856,231					2,396,150	738,537	1,657,613	224.4%	
Total Unrestricted Net Position Utilized	1,539,919	856,231	-	-	-	-	2,396,150	943,537	1,452,613	154.0%	
TOTAL NET APPROPRIATIONS	\$ 4,701,727	\$ 3,679,033	\$ -	\$ -	\$ -	\$ -	\$ 8,380,760	\$ 8,390,612	\$ (9,852)	-0.1%	

* Miscellaneous line items may not exceed 5% of total operating appropriations shown below. If amount in miscellaneous is greater than the amount shown below, then the line item must be itemized above.

5% of Total Operating Appropriations \$ 197,542.05 \$ 167,912.55 \$ - \$ - \$ - \$ - \$ 365,454.60

2015 Adopted Appropriations Schedule

Lower Township Municipal Utilities Authority

	<i>Adopted Budget</i>						Total All
	Sewer	Water	N/A	N/A	N/A	N/A	Operations
OPERATING APPROPRIATIONS							
<i>Administration - Personnel</i>							
Salary & Wages	\$ 156,185	\$ 156,185					\$ 312,370
Fringe Benefits	174,250	174,250					348,500
Total Administration - Personnel	330,435	330,435	-	-	-	-	660,870
<i>Administration - Other (List)</i>							
See Attached Schedule	343,000	351,000					694,000
Miscellaneous Administration*							-
Total Administration - Other	343,000	351,000	-	-	-	-	694,000
Total Administration	673,435	681,435	-	-	-	-	1,354,870
<i>Cost of Providing Services - Personnel</i>							
Salary & Wages	513,500	485,800					999,300
Fringe Benefits	466,250	464,250					930,500
Total COPS - Personnel	979,750	950,050	-	-	-	-	1,929,800
<i>Cost of Providing Services - Other (List)</i>							
See Attached Schedule	1,970,000	678,000					2,648,000
Miscellaneous COPS*							-
Total COPS - Other	1,970,000	678,000	-	-	-	-	2,648,000
Total Cost of Providing Services	2,949,750	1,628,050	-	-	-	-	4,577,800
Total Principal Payments on Debt Service in Lieu of Depreciation	529,100	1,062,202	-	-	-	-	1,591,302
Total Operating Appropriations	4,152,285	3,371,687	-	-	-	-	7,523,972
NON-OPERATING APPROPRIATIONS							
Total Interest Payments on Debt	60,662	340,515	-	-	-	-	401,177
Operations & Maintenance Reserve							-
Renewal & Replacement Reserve	742,000	462,000					1,204,000
Municipality/County Appropriation	115,000	90,000					205,000
Other Reserves							-
Total Non-Operating Appropriations	917,662	892,515	-	-	-	-	1,810,177
TOTAL APPROPRIATIONS	5,069,947	4,264,202	-	-	-	-	9,334,149
ACCUMULATED DEFICIT							-
TOTAL APPROPRIATIONS & ACCUMULATED DEFICIT	5,069,947	4,264,202	-	-	-	-	9,334,149
UNRESTRICTED NET POSITION UTILIZED							
Municipality/County Appropriation	115,000	90,000	-	-	-	-	205,000
Other	250,970	487,567					738,537
Total Unrestricted Net Position Utilized	365,970	577,567	-	-	-	-	943,537
TOTAL NET APPROPRIATIONS	\$ 4,703,977	\$ 3,686,635	\$ -	\$ -	\$ -	\$ -	\$ 8,390,612

* Miscellaneous line items may not exceed 5% of total operating appropriations shown below. If amount in miscellaneous is greater than the amount shown below, then the line item must be itemized above.

5% of Total Operating Appropriations \$ 207,614.25 \$ 168,584.35 \$ - \$ - \$ - \$ - \$ 376,198.60

**Lower Township Municipal Utilities Authority
Appropriations Supporting Schedule
Budget Year 12-1-16 through 11-30-17**

	<u>Appropriations (Proposed)</u>		<u>Appropriations (Curr. Adopted)</u>	
	<u>FY 2016-17</u>		<u>FY 2015-16</u>	
	<u>Sewer</u>	<u>Water</u>	<u>Sewer</u>	<u>Water</u>
Administration - Other :				
Professional Services	\$ 148,000	\$ 173,000	\$ 148,000	\$ 173,000
Insurance	87,000	58,000	87,000	58,000
Meter Reading, Billing & Collections	-	-	15,000	22,500
Other Administration	79,500	94,500	93,000	97,500
Total Administration - Other	\$ 314,500	\$ 325,500	\$ 343,000	\$ 351,000
Cost of Providing Services - Other:				
Chemicals	\$ 90,000	\$ 60,500	\$ 90,000	\$ 60,500
Sludge Handling	180,000	-	180,000	-
Utilities	258,500	143,000	306,500	162,500
Cape May County MUA Agreement	700,000	-	700,000	-
Cape May County MUA Settlement	-	-	50,000	-
Collection Materials & Supplies	150,000	-	200,000	-
Plant Materials & Supplies	150,000	-	200,000	-
Transportation Equipment Expenses	86,000	67,000	100,000	85,000
Water Distribution Supplies	-	225,000	-	250,000
Well/Tank Maintenance	-	25,000	-	25,000
Other	130,000	104,000	143,500	95,000
Total Cost of Providing Services - Other	\$ 1,744,500	\$ 624,500	\$ 1,970,000	\$ 678,000

5 Year Debt Service Schedule - Principal

Lower Township Municipal Utilities Authority

	<i>Fiscal Year Beginning in</i>								Total Principal Outstanding
	Current Year (2015)	2016	2017	2018	2019	2020	2021	Thereafter	
<i>Sewer</i>									
Series 2012	\$ 53,650	\$ 55,500	\$ 57,350	\$ 59,200	\$ 61,050	\$ 61,050	\$ 64,750	\$ 858,400	\$ 1,217,300
Series 2014	475,450	497,650	55,500	-	-	-	-	-	553,150
USDA Series 2010	-	-	-	-	-	-	-	-	-
USDA Series 2013	-	-	-	-	-	-	-	-	-
Total Principal	529,100	553,150	112,850	59,200	61,050	61,050	64,750	858,400	1,770,450
<i>Water</i>									
Series 2012	91,350	94,500	97,650	100,800	103,950	103,950	110,250	\$ 1,461,600	2,072,700
Series 2014	809,550	847,350	94,500	-	-	-	-	-	941,850
USDA Series 2010	24,348	25,331	26,355	27,419	28,526	29,679	30,878	\$ 1,564,500	1,732,688
USDA Series 2013	136,954	139,880	142,868	145,921	149,038	152,221	155,473	\$ 6,879,270	7,764,671
Total Principal	1,062,202	1,107,061	361,373	274,140	281,514	285,850	296,601	9,905,370	12,511,909
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Principal	-	-	-	-	-	-	-	-	-
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Principal	-	-	-	-	-	-	-	-	-
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Principal	-	-	-	-	-	-	-	-	-
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Principal	-	-	-	-	-	-	-	-	-
TOTAL PRINCIPAL ALL OPERATIONS	\$ 1,591,302	\$ 1,660,211	\$ 474,223	\$ 333,340	\$ 342,564	\$ 346,900	\$ 361,351	\$ 10,763,770	\$ 14,282,359

Indicate the Authority's most recent bond rating and the year of the rating by ratings service.

	Moody's	Fitch	Standard & Poors
Bond Rating	Aa3		
Year of Last Rating	2014		

5 Year Debt Service Schedule - Interest

Lower Township Municipal Utilities Authority

Fiscal Year Beginning in

	Current Year (2015)	2016	2017	2018	2019	2020	2021	Thereafter	Total Interest Payments Outstanding
<i>Sewer</i>									
Series 2012	\$ 39,313	\$ 37,675	\$ 35,982	\$ 34,234	\$ 32,621	\$ 31,395	\$ 29,363	\$ 166,740.38	\$ 368,010
Series 2014	21,349	9,130	833	-	-	-	-	-	9,963
USDA Series 2010	-	-	-	-	-	-	-	-	-
USDA Series 2013	-	-	-	-	-	-	-	-	-
Total Interest Payments	60,662	46,805	36,815	34,234	32,621	31,395	29,363	166,740	377,973
<i>Water</i>									
Series 2012	66,938	64,150	61,267	58,290	55,544	52,945	49,997	\$ 284,420.00	626,613
Series 2014	36,351	15,546	1,418	-	-	-	-	-	16,964
USDA Series 2010	70,040	69,057	68,033	66,970	65,861	64,708	63,510	1,027,768	1,425,907
USDA Series 2013	167,186	164,260	161,272	158,219	155,103	151,919	148,667	2,549,069	3,488,509
Total Interest Payments	340,515	313,013	291,990	283,479	276,508	269,572	262,174	3,861,257	5,557,993
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Interest Payments	-	-	-	-	-	-	-	-	-
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Interest Payments	-	-	-	-	-	-	-	-	-
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Interest Payments	-	-	-	-	-	-	-	-	-
<i>N/A</i>									
Debt Issuance #1									-
Debt Issuance #2									-
Debt Issuance #3									-
Debt Issuance #4									-
Total Interest Payments	-	-	-	-	-	-	-	-	-
TOTAL INTEREST ALL OPERATIONS	\$ 401,177	\$ 359,818	\$ 328,805	\$ 317,713	\$ 309,129	\$ 300,967	\$ 291,537	\$ 4,027,997	\$ 5,935,966

2016 Net Position Reconciliation

Lower Township Municipal Utilities Authority

For the Period December 1, 2016 to November 30, 2017

	<i>Proposed Budget</i>						Total All
	Sewer	Water	N/A	N/A	N/A	N/A	Operations
TOTAL NET POSITION BEGINNING OF CURRENT YEAR (1)	\$ 15,036,781	\$ 15,036,781					\$ 30,073,562
Less: Invested in Capital Assets, Net of Related Debt (1)	9,872,186	9,872,187					19,744,372
Less: Restricted for Debt Service Reserve (1)	1,189,717	2,025,733					3,215,450
Less: Other Restricted Net Position (1)							-
Total Unrestricted Net Position (1)	3,974,879	3,138,862	-	-	-	-	7,113,740
Less: Designated for Non-Operating Improvements & Repairs	2,134,324	2,065,508					4,199,832
Less: Designated for Rate Stabilization							-
Less: Other Designated by Resolution	365,970	577,567					943,537
Plus: Accrued Unfunded Pension Liability (1)	1,660,569	1,660,569					3,321,137
Plus: Accrued Unfunded Other Post-Employment Benefit Liability (1)							-
Plus: Estimated Income (Loss) on Current Year Operations (2)	-	-					-
Plus: Other Adjustments (attach schedule)							-
UNRESTRICTED NET POSITION AVAILABLE FOR USE IN PROPOSED BUDGET	3,135,153	2,156,355	-	-	-	-	5,291,508
Unrestricted Net Position Utilized to Balance Proposed Budget	1,539,919	856,231	-	-	-	-	2,396,150
Unrestricted Net Position Utilized in Proposed Capital Budget	-	-	-	-	-	-	-
Appropriation to Municipality/County (3)	-	-	-	-	-	-	-
Total Unrestricted Net Position Utilized in Proposed Budget	1,539,919	856,231	-	-	-	-	2,396,150
PROJECTED UNRESTRICTED UNDESIGNATED NET POSITION AT END OF YEAR (4)	\$ 1,595,234	\$ 1,300,124	\$ -	\$ -	\$ -	\$ -	\$ 2,895,358

(1) Total of all operations for this line item must agree to audited financial statements.

(2) Include budgeted and unbudgeted use of unrestricted net position in the current year's operations.

(3) Amount may not exceed 5% of total operating appropriations. See calculation below.

Maximum Allowable Appropriation to Municipality/County \$ 197,542 \$ 167,913 \$ - \$ - \$ - \$ - \$ 365,455

(4) If Authority is projecting a deficit for any operation at the end of the budget period, the Authority must attach a statement explaining its plan to reduce the deficit, including the timeline for elimination of the deficit, if not already detailed in the budget narrative section.

2016
LOWER
TOWNSHIP
MUNICIPAL
UTILITIES
AUTHORITY
CAPITAL
BUDGET/
PROGRAM

2016 CERTIFICATION OF AUTHORITY CAPITAL BUDGET/PROGRAM

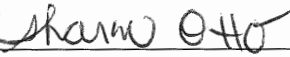
LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

It is hereby certified that the Authority Capital Budget/Program annexed hereto is a true copy of the Capital Budget/Program approved, pursuant to N.J.A.C. 5:31-2.2, along with the Annual Budget, by the governing body of the Lower Township Municipal Utilities Authority, on the 5th day of October, 2016.

OR

It is hereby certified that the governing body of the _____ Authority have elected **NOT** to adopt a Capital Budget /Program for the aforesaid fiscal year, pursuant to N.J.A.C. 5:31-2.2 for the following reason(s): _____

Officer's Signature:			
Name:	Sharon Otto		
Title:	Secretary		
Address:	2900 Bayshore Road Villas, NJ 08251		
Phone Number:	(856) 468-1111	Fax Number:	(856) 464-0034
E-mail address	soltmua@comcast.net		

2016 CAPITAL BUDGET/PROGRAM MESSAGE

LOWER TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

FISCAL YEAR: FROM: DECEMBER 1, 2016 TO: NOVEMBER 30, 2017

1. Has each municipality or county affected by the actions of the authority participated in the development of the capital plan and reviewed or approved the plans or projects included within the Capital Budget/Program?

The Capital Plan is submitted along with the annual budget to the Township of Lower.

2. Has each capital project/project financing been developed from a specific capital improvement plan or report; does it include full lifecycle costs; and is it consistent with appropriate elements of Master Plans or other plans in the jurisdiction(s) served by the authority?

Each project has been developed from a specific capital improvement plan or report.

3. Has a long-term (10-20 years) infrastructure needs assessment or other capital plan with a horizon beyond six years been prepared?

A long-term infrastructure needs assessment will be performed on the Wastewater Treatment Facility in 2017.

4. Describe the projected impact of the proposed capital projects, including impact on the schedule of rates, fees, and service charges and the impact on current and future year's schedules.

The proposed capital projects will allow for proper maintenance of the facilities and expansion of the water and sewer services and should not have an adverse impact on current or future rate schedules, although increases in rates in the future cannot be ruled out.

5. Please indicate which capital projects/project financings are being undertaken in the Metropolitan or Suburban Planning Areas as defined in the State Development and Redevelopment Plan.

N/A

6. Please indicate which capital projects/project financings are being undertaken within the boundary of a State Planning Commission-designated Center and/or Endorsed Plan and if the project was included in the Plan Implementation Agenda for that Center/Endorsed Plan.

N/A

Add additional sheets if necessary.

2016 Proposed Capital Budget

Lower Township Municipal Utilities Authority

For the Period December 1, 2016 to November 30, 2017

	Estimated Total Cost	<i>Funding Sources</i>				
		Unrestricted Net Position Utilized	Renewal & Replacement Reserve	Debt Authorization	Capital Grants	Other Sources
<i>Sewer</i>						
SEE SCHEDULE ATTACHED	\$ 2,244,000	\$ -	\$ 2,244,000			
N/A	-					
N/A	-					
N/A	-					
Total	2,244,000	-	2,244,000	-	-	-
<i>Water</i>						
SEE SCHEDULE ATTACHED	3,864,000		3,864,000			
N/A	-					
N/A	-					
N/A	-					
Total	3,864,000	-	3,864,000	-	-	-
<i>N/A</i>						
Project A Description	-					
Project B Description	-					
Project C Description	-					
Project D Description	-					
Total	-	-	-	-	-	-
<i>N/A</i>						
Project A Description	-					
Project B Description	-					
Project C Description	-					
Project D Description	-					
Total	-	-	-	-	-	-
<i>N/A</i>						
Project A Description	-					
Project B Description	-					
Project C Description	-					
Project D Description	-					
Total	-	-	-	-	-	-
<i>N/A</i>						
Project A Description	-					
Project B Description	-					
Project C Description	-					
Project D Description	-					
Total	-	-	-	-	-	-
TOTAL PROPOSED CAPITAL BUDGET	\$ 6,108,000	\$ -	\$ 6,108,000	\$ -	\$ -	\$ -

Enter brief description of up to four projects for each operation above. For operations with more than four budgeted projects, please attach additional schedules. Input total amount of all projects for the operation on single line and enter "See Attached Schedule" instead of project description.

5 Year Capital Improvement Plan

Lower Township Municipal Utilities Authority

For the Period December 1, 2016 to November 30, 2017

Fiscal Year Beginning in

	Estimated Total Cost	Current Year Proposed Budget	2017	2018	2019	2020	2021
<i>Sewer</i>							
SEE SCHEDULE ATTACHED	\$ 25,864,000	\$ 2,244,000	\$ 8,809,000	\$ 8,659,000	\$ 2,034,000	\$ 2,059,000	\$ 2,059,000
N/A	-	-					
N/A	-	-					
N/A	-	-					
Total	<u>25,864,000</u>	<u>2,244,000</u>	<u>8,809,000</u>	<u>8,659,000</u>	<u>2,034,000</u>	<u>2,059,000</u>	<u>2,059,000</u>
<i>Water</i>							
SEE SCHEDULE ATTACHED	7,231,000	3,864,000	529,000	734,000	759,000	810,000	535,000
N/A	-	-					
N/A	-	-					
N/A	-	-					
Total	<u>7,231,000</u>	<u>3,864,000</u>	<u>529,000</u>	<u>734,000</u>	<u>759,000</u>	<u>810,000</u>	<u>535,000</u>
<i>N/A</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<i>N/A</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<i>N/A</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<i>N/A</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
TOTAL	<u>\$ 33,095,000</u>	<u>\$ 6,108,000</u>	<u>\$ 9,338,000</u>	<u>\$ 9,393,000</u>	<u>\$ 2,793,000</u>	<u>\$ 2,869,000</u>	<u>\$ 2,594,000</u>

Project descriptions entered on Page CB-3 will carry forward to Pages CB-4 and CB-5. No need to re-enter project descriptions above.

5 Year Capital Improvement Plan Funding Sources

Lower Township Municipal Utilities Authority

For the Period December 1, 2016 to November 30, 2017

		<i>Funding Sources</i>				
		Estimated Total Cost	Unrestricted Net Position Utilized	Renewal & Replacement Reserve	Debt Authorization	Capital Grants Other Sources
<i>Sewer</i>						
SEE SCHEDULE ATTACHED	\$	25,864,000		\$ 3,964,000	\$ 21,900,000	
N/A		-				
N/A		-				
N/A		-				
Total		<u>25,864,000</u>	-	3,964,000	21,900,000	-
<i>Water</i>						
SEE SCHEDULE ATTACHED		7,231,000		4,231,000	3,000,000	
N/A		-				
N/A		-				
N/A		-				
Total		<u>7,231,000</u>	-	4,231,000	3,000,000	-
<i>N/A</i>						
Project A Description		-				
Project B Description		-				
Project C Description		-				
Project D Description		-				
Total		<u>-</u>	-	-	-	-
<i>N/A</i>						
Project A Description		-				
Project B Description		-				
Project C Description		-				
Project D Description		-				
Total		<u>-</u>	-	-	-	-
<i>N/A</i>						
Project A Description		-				
Project B Description		-				
Project C Description		-				
Project D Description		-				
Total		<u>-</u>	-	-	-	-
<i>N/A</i>						
Project A Description		-				
Project B Description		-				
Project C Description		-				
Project D Description		-				
Total		<u>-</u>	-	-	-	-
TOTAL	\$	<u>33,095,000</u>	\$	<u>8,195,000</u>	<u>\$ 24,900,000</u>	\$
Total 5 Year Plan per CB-4	\$	<u>33,095,000</u>				
Balance check			- If amount is other than zero, verify that projects listed above match projects listed on CB-4.			

Project descriptions entered on Page CB-3 will carry forward to Pages CB-4 and CB-5. No need to re-enter project descriptions above.

Lower Township MUA Sewer Capital Items	Total Cost	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Grants	Bonds Notes	Renewal & Replacement
Roof on Blower Building	\$ 120,000	\$ 120,000	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ 120,000
Engineering Study for Plant Upgrades	100,000	100,000								100,000
SCADA System Build Out	150,000	50,000	50,000	50,000						150,000
Treatment Plant Upgrades	10,000,000		5,000,000	5,000,000					10,000,000	
Sludge handling press Replacement	650,000	650,000								650,000
Rehab Various Pump Stations										
Station #5**	-									-
Station #10**	150,000	150,000								150,000
Station #12**	150,000	150,000								150,000
Station #15**	150,000	150,000								150,000
Station #17- 1	150,000		150,000							150,000
Pump Station Rehab	600,000		600,000							600,000
Pump Station Rehab	600,000			600,000						600,000
Sewer Main Installation										
Study -										
Schellingers Landing Road	-									-
Wissahickon Ave Sewer Rehab	-									-
Sanitary Sewer Installation Phase 1	5,900,000		2,950,000	2,950,000					5,900,000	
Sanitary Sewer Installation Phase 2	6,000,000				2,000,000	2,000,000	2,000,000		6,000,000	
Wissahickon Ave Sewer Rehab t	600,000	600,000								600,000
Vehicles & Equipment										
Utility Body Truck (1 truck each year) *	204,000	34,000	34,000	34,000	34,000	34,000	34,000			204,000
Upgrades to Sewer Camera Truck	205,000	205,000								205,000
Mower for Skid Steer *	7,500	7,500								7,500
Replace Supervision Vehicles *	120,000	20,000	25,000	25,000		25,000	25,000			120,000
Combination Backhoe Bucket *	7,500	7,500								7,500
	-									-
	\$ 25,864,000	\$ 2,244,000	\$ 8,809,000	\$ 8,659,000	\$ 2,034,000	\$ 2,059,000	\$ 2,059,000	\$ -	\$ 21,900,000	\$ 3,964,000

* Costs 50% Water 50% Sewer

Lower Township MUA Water Capital Items	Total Cost	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Application Grants	Bonds Notes	Renewal & Replacement
Rehab Various Wells 10 Years										
Well #1 1956 - Seal	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ -		\$ -	\$ -	\$ 75,000
Well #2 1962 - Seal	75,000					75,000				75,000
Well #6 2003	50,000		50,000							50,000
Well #7 2005	50,000			50,000						50,000
Well #8 2011	50,000					50,000				50,000
Storage Tanks Painting 10 Years										
Storage Tank Painting	3,500,000	650,000	400,000	650,000	650,000	650,000	500,000			3,500,000
Water Main Installation										
Villas East Phase 1	-								-	
Villas East Phase 2	3,000,000	3,000,000							3,000,000	
Install Water Main under Rt 109	75,000	75,000								75,000
Operation Equipment										
SCADA System	40,000	20,000	20,000							40,000
Emergency Back Up Generator Trailer Mounted	50,000	50,000								50,000
Vehicles & Equipment										
Replace Utility Body Truck *	206,000	34,000	34,000	34,000	34,000	35,000	35,000			206,000
Replace Supervision Vehicles *	45,000	20,000	25,000							45,000
Combination Backhoe Bucket *	7,500	7,500								7,500
Mower for Skid Steer *	7,500	7,500								7,500
Totals	-	-	-	-	-	-	-	-	-	-
	\$ 7,231,000	\$ 3,864,000	\$ 529,000	\$ 734,000	\$ 759,000	\$ 810,000	\$ 535,000	\$ -	\$ 3,000,000	\$ 4,231,000

* 50% Water & 50% Sewer