

DEC 21 2015

2016

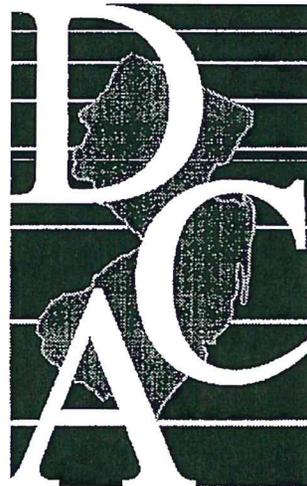
BERGEN COUNTY UTILITIES AUTHORITY

Authority Budget

WWW.BCUA.ORG



Department Of



Community
Affairs

Division of Local Government Services

2016 AUTHORITY BUDGET

Certification Section

2016

BERGEN COUNTY UTILITIES AUTHORITY

(Name)

AUTHORITY BUDGET

FISCAL YEAR: FROM January 1, 2016 TO December 31, 2016

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: *C.M. Zaprawa* Date: *12/15/15*

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

BERGEN COUNTY UTILITIES AUTHORITY

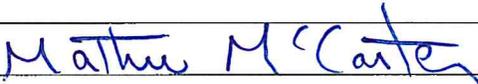
(Name)

AUTHORITY BUDGET

FISCAL YEAR: FROM: January 1, 2016 TO: December 31, 2016

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:	Mathew McCarter		
Title:	Acting Treasurer		
Address:	Foot of Mehrhof Road Little Ferry, NJ 07643		
Phone Number:	201-807-5819	Fax Number:	201-641-7915
E-mail address	mmccarter@bcua.org		

2016 APPROVAL CERTIFICATION

BERGEN COUNTY UTILITIES AUTHORITY

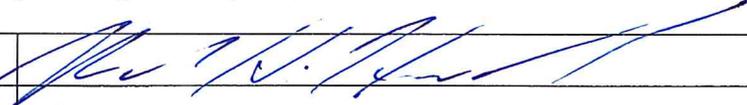
(Name)

AUTHORITY BUDGET

FISCAL YEAR: **FROM:** January 1, 2016 **TO:** December 31, 2016

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 Bergen County Utilities Authority, at an open public meeting held pursuant to N.J.A.C. 5:31-2.3, on the 22nd day of October , 2015.

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:	Michael Henwood		
Title:	Secretary		
Address:	Foot of Mehrhof Road Little Ferry, NJ 07643		
Phone Number:	201-807-8663	Fax Number:	201-641-7915
E-mail address	mhenwood@bcua.org		

INTERNET WEBSITE CERTIFICATION

Authority's Web Address:	WWW.BCUA.ORG
--------------------------	--------------

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.

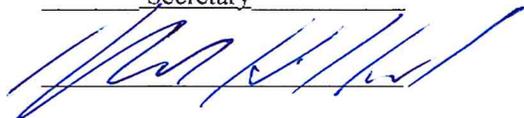
Name of Officer Certifying compliance

Michael Henwood

Title of Officer Certifying compliance

Secretary

Signature



2016 ADOPTED BUDGET RESOLUTION BERGEN COUNTY UTILITIES AUTHORITY

FISCAL YEAR: FROM: January 1, 2016 TO: December 31, 2016

WHEREAS, the Water Pollution Control System Annual Budget and Capital Budget/Program for the Bergen County Utilities Authority for the fiscal year beginning January 1, 2016 and ending, December 31, 2016 has been presented for adoption before the governing body of the Bergen County Utilities Authority at its open public meeting of December 17, 2016; and

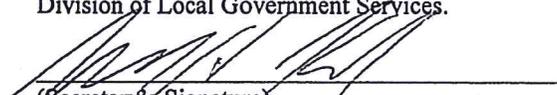
WHEREAS, the Water Pollution Control System Annual Budget and Capital Budget as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by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

WHEREAS, the Water Pollution Control System Annual Budget as presented for adoption reflects Total Revenues of \$ 74,401,509 Total Appropriations, including any Accumulated Deficit, if any, of \$74,401,509 and Total Unrestricted Net Position utilized of \$0; and

WHEREAS, the Capital Budget as presented for adoption reflects Total Capital Appropriations of \$8,050,000 and Total Unrestricted Net Position planned to be utilized of \$0; and

NOW, THEREFORE BE IT RESOLVED, by the governing body of the Bergen County Utilities Authority, at an open public meeting held on December 17, 2015 that the Water Pollution Control System Annual Budget and Capital Budget/Program of the Bergen County Utilities Authority for the fiscal year beginning, January 1, 2016 and, ending, December 31, 2016 is hereby adopted and shall constitute appropriations for the purposes stated; and

BE IT FURTHER RESOLVED, that the Water Pollution Control System 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.


(Secretary's Signature)

12-17-15
(Date)

Governing Body
Member:

Recorded Vote:

COMMISSIONERS	AYE	NO	ABSTAIN	NOT PRESENT
Ronald Phillips	✓			
Louis DeLisio	X			
Catherine T. Bentz	X			
Bruce Bonaventuro			X	
James I. Cassella	X			
Paul A. Juliano	X			
Richard D. Schooler	X			
Jon Warms			X	
George P. Zilocchi	X			

2016 ADOPTED BUDGET RESOLUTION BERGEN COUNTY UTILITIES AUTHORITY

FISCAL YEAR: FROM: January 1, 2016 TO: December 31, 2016

WHEREAS, the Solid Waste Division Annual Budget and Capital Budget/Program for the Bergen County Utilities Authority for the fiscal year beginning January 1, 2016 and ending, December 31, 2016 has been presented for adoption before the governing body of the Bergen County Utilities Authority at its open public meeting of December 17, 2016; and

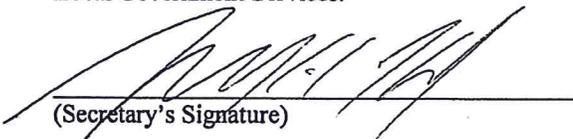
WHEREAS, the Solid Waste Division Annual Budget and Capital Budget as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director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

WHEREAS, the Solid Waste Division Annual Budget as presented for adoption reflects Total Revenues of \$ 7, 559, 765 Total Appropriations, including any Accumulated Deficit, if any, of \$8,637,636 and Total Unrestricted Net Position utilized of \$1,077,871; and

WHEREAS, the Capital Budget as presented for adoption reflects Total Capital Appropriations of \$0 and Total Unrestricted Net Position planned to be utilized of \$0; and

NOW, THEREFORE BE IT RESOLVED, by the governing body of the Bergen County Utilities Authority, at an open public meeting held on December 17, 2015 that the Solid Waste Division Annual Budget and Capital Budget/Program of the Bergen County Utilities Authority for the fiscal year beginning, January 1, 2016 and, ending, December 31, 2016 is hereby adopted and shall constitute appropriations for the purposes stated; and

BE IT FURTHER RESOLVED, that the Solid Waste Division 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.


(Secretary's Signature)

12-17-15
(Date)

Governing Body
Member:

Recorded Vote:

COMMISSIONERS	AYE	NO	ABSTAIN	NOT PRESENT
Ronald Phillips	X			
Louis DeLisio	X			
Catherine T. Bentz	X			
Bruce Bonaventuro			X	
James I. Cassella	X			
Paul A. Juliano	X			
Richard D. Schooler	X			
Jon Warms			X	
George P. Zilocchi	X			

2016 AUTHORITY BUDGET RESOLUTION

BERGEN COUNTY UTILITIES AUTHORITY

WATER POLLUTION CONTROL

FISCAL YEAR: FROM: January 1, 2016 **TO:** December 31, 2016

WHEREAS, the Annual Budget and Capital Budget for the Bergen County Utilities Authority for the fiscal year beginning, January 1, 2016 and ending, December 31, 2016 has been presented before the governing body of the Bergen County Utilities Authority at its open public meeting of October 22, 2015; and

WHEREAS, the Annual Budget as introduced reflects Total Revenues of \$74,401,509, Total Appropriations, including any Accumulated Deficit if any, of \$74,401,509 and Total Unrestricted Net Position utilized of \$-0-; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of \$8,050,000 and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$-0-; and

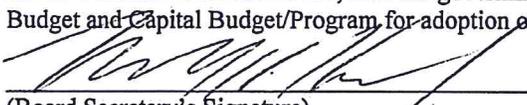
WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues, together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for 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 Bergen County Utilities Authority, at an open public meeting held on October 22, 2015 that the Annual Budget, including all related schedules, and the Capital Budget/Program of the Bergen County Utilities Authority for the fiscal year beginning, January 1, 2016 and ending, December 31, 2016 is hereby approved for introduction; 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 Bergen County Utilities Authority will consider the Annual Budget and Capital Budget/Program for adoption on December 17, 2015.



 (Board Secretary's Signature)

October 22, 2015
 (Date)

Governing Body Member:	Recorded Vote			
	Aye	Nay	Abstain	Absent
Ronald Phillips, Chairman	X			
Louis J. DeLisio, Vice Chairman	X			
Catherine T. Bentz, Commissioner	X			
James L. Cassella, Commissioner				X
Paul A. Juliano, Commissioner	X			
David J. Lorenzo, Commissioner				X
Richard D. Schooler, Commissioner	X			
George P. Zilocchi, Commissioner	X			

2016 AUTHORITY BUDGET RESOLUTION

BERGEN COUNTY UTILITIES AUTHORITY

SOLID WASTE MANAGEMENT

FISCAL YEAR: FROM: January 1, 2016 TO: December 31, 2016

WHEREAS, the Annual Budget and Capital Budget for the Bergen County Utilities Authority for the fiscal year beginning, January 1, 2016 and ending, December 31, 2016 has been presented before the governing body of the Bergen County Utilities Authority at its open public meeting of October 22, 2015; and

WHEREAS, the Annual Budget as introduced reflects Total Revenues of \$7,559,765, Total Appropriations, including any Accumulated Deficit if any, of \$8,637,636 and Total Unrestricted Net Position utilized of \$1,077,871; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of \$-0- and Total Unrestricted Net Position planned to be utilized as funding thereof, of \$-0-; and

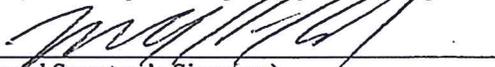
WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues, together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for 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 Bergen County Utilities Authority, at an open public meeting held on October 22, 2015 that the Annual Budget, including all related schedules, and the Capital Budget/Program of the Bergen County Utilities Authority for the fiscal year beginning, January 1, 2016 and ending, December 31, 2016 is hereby approved for introduction; 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 Bergen County Utilities Authority will consider the Annual Budget and Capital Budget/Program for adoption on December 17, 2015.


 (Board Secretary's Signature)

October 22, 2015
 (Date)

Governing Body Member:	Recorded Vote			
	Aye	Nay	Abstain	Absent
Ronald Phillips, Chairman	X			
Louis J. DeLisio, Vice Chairman	X			
Catherine T. Bentz, Commissioner	X			
James L. Cassella, Commissioner				X
Paul A. Juliano, Commissioner	X			
David J. Lorenzo, Commissioner				X
Richard D. Schooler, Commissioner	X			
George P. Zilocchi, Commisioner	X			

2016 AUTHORITY BUDGET

Narrative and Information Section

2016 AUTHORITY BUDGET MESSAGE & ANALYSIS BERGEN COUNTY UTILITIES AUTHORITY

AUTHORITY BUDGET

FISCAL YEAR: FROM: January 1, 2016 TO: December 31, 2016

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.
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.
3. Describe the state of the local/regional economy and how it may impact the proposed Annual Budget, including the planned Capital Budget/Program.
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.
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.).
6. The proposed budget must not reflect an anticipated deficit from 2016 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.
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.
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.

BERGEN COUNTY UTILITIES AUTHORITY
2016 BUDGET
Page N-1 addendum

1. (a) The proposed 2016 budget for Water Pollution Control increased approximately \$1,473,000 or 2.02% when compared to the 2015 adopted budget. The proposed 2016 budget for Solid Waste Management increased approximately \$709,000 or 8.94% when compared to the 2015 adopted budget. This is primarily due to an increase in the number of municipalities participating in the solid waste cooperative marketing program.

(b) 2016 Cost of Providing Services Other Expenses – Safety Programs increased \$40,000 (or 22%) to provide for replacement uniforms to be purchased in 2016.

(c) 2016 Cost of Providing Services Other Expenses – Cooperative Marketing increased \$991,000 (or 17.2%) based on an increased number of municipalities participating in the solid waste cooperative marketing program in 2016.

(d) 2016 Non-Operating Appropriations – Total Interest Payments on Debt decreased \$734,000 (or 10%). This was offset by an increase in Principal Payments on Debt of \$388,000 resulting in a net decrease of \$346,000 or 1.5% in total budgeted debt service payments.

(e) 2016 Non-Operating Appropriations – Other Reserves increased \$150,000 (or 50%) due to increased costs included in the budget for capital outlay.

(f) 2016 Unrestricted Net Position Utilized – Anticipated surplus utilized to balance the solid waste budget decreased primarily as a result of decreased costs of providing services for personnel costs, insurance costs and professional fees.
2. (a) Service charges for Water Pollution Control will be increased by approximately \$1,498,000 or 2.17% when compared to the 2015 adopted budget. Service charges for Solid Waste Management will be increased by approximately \$991,000 or 17.2% when compared to the 2015 adopted budget. This is primarily due to an increase in the number of municipalities participating in the solid waste cooperative marketing program.

(b) 2016 Water Pollution Control service charges for Business/Commercial and Industrial users are anticipated to decrease by 15.9% and 13.1% respectively, due to decreased water and/or sewer usage in the commercial and industrial user classes.

(c) 2016 Other Operating Revenues – IPP Permits decreased \$45,000 (or 15.8%) based on projected actual revenues for the year 2015.

(d) 2016 Other Operating Revenues – Administration Fees increased \$8,000 (or 17.2%) based on an increase in the number of municipalities participating in the solid waste cooperative marketing program for the year 2016.
3. There will be minimal impact on the local economy as a result of the proposed 2016 budget.
4. Unrestricted Net Position of \$1,077,871 was utilized in the 2016 budget for Solid Waste Management.
5. There are no funds included in the 2016 budget for this purpose.
6. The proposed budget does not reflect an anticipated deficit from 2016 operations.

BERGEN COUNTY UTILITIES AUTHORITY
2016 BUDGET
Page N-1 addendum

7. The Authority's annual water pollution control service charges are calculated in accordance with a formula contained in the Authority's Rules and Regulations. The Authority's existing rates are \$1,171.26 per 1,000,000 gallons of metered flow, \$329.94 per 1,000 pounds of BOD and \$248.57 per 1,000 pounds of TSS. There will be no change in the formula for 2016 rates which will be based on the 2016 budgeted service charges and 2015 actual usage.

The Authority's existing 2015 connection fee rate per equivalent dwelling unit is \$1,875. This rate is updated annually in accordance with state statutes.

The Authority's existing rate for solid waste disposal services is \$64.85 per ton plus an administrative fee of \$0.50 per ton. There is no anticipated change in the rate for 2016.

8. See Appendix A attached hereto.

AUTHORITY CONTACT INFORMATION

2016

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

Name of Authority: Federal ID Number:	Bergen County Utilities Authority		
Address:	Foot of Mehrhof Road		
City, State, Zip:	Little Ferry	NJ	07643
Phone: (ext.)	201-641-2552	Fax:	201-641-6407

Preparer's Name:	Mathew McCarter		
Preparer's Address:	Foot of Mehrhof Road		
City, State, Zip:	Little Ferry	NJ	07643
Phone: (ext.)	201-807-5819	Fax:	201-641-7915
E-mail:	mmccarter@bcua.org		

Executive Director:	Robert E. Laux		
Phone: (ext.)	201-807-5802	Fax:	201-641-5356
E-mail:	rlaux@bcua.org		

Acting Treasurer:	Mathew McCarter		
Phone: (ext.)	201-807-5819	Fax:	201-641-7915
E-mail:	mmccarter@bcua.org		

Name of Auditor:	Gary Vinci, CPA, RMA		
Name of Firm:	Lerch, Vinci & Higgins, LLP		
Address:	17-17 Route 208		
City, State, Zip:	Fair Lawn	NJ	07410
Phone: (ext.)	201-791-7100	Fax:	201-791-3035
E-mail:	gvinci@lvhcpa.com		

AUTHORITY INFORMATIONAL QUESTIONNAIRE

BERGEN COUNTY UTILITIES AUTHORITY

FISCAL YEAR: FROM: January 1, 2016 TO: December 31, 2016

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

- 1) Provide the number of individuals employed in calendar year 2014 as reported on the Authority's Form W-3, Transmittal of Wage and Tax Statements: 189
- 2) Provide the amount of total salaries and wages for calendar year 2014 as reported on the Authority's Form W-3, Transmittal of Wage and Tax Statements: \$15,082,997
- 3) Provide the number of regular voting members of the governing body: 9
- 4) Provide the number of alternate voting members of the governing body: 0
- 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? NoIf 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. **Attach narrative. See Attached**
- 11) Did the Authority pay for meals or catering during the current fiscal year? Yes 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. **See Attached**

- 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. See Attached*
- 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 No
 - 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.*
- 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.*
- 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.*

N-3 Attachments

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. Attach narrative.

The BCUA's process for determining compensation for the persons listed on Page N-4 that receive compensation is dependent on the listed individual's position. No commissioners receive compensation. The compensation for the Executive Director, Deputy Executive Director, Chief Engineer/Director of Water Pollution Control and the Personnel Director are set by written employment contracts. The compensation for the Acting Treasurer is set by review and approval by a committee of the Board of Commissioners. The compensation for the top five highly compensated employees, exclusive of the Personnel Director, is set by a collective bargaining agreement.

N-3 Attachments (Continued)

11) Meals and Catering Expenses

Vendor Paid	Date Paid	Employee Appreciation Events	Physical Inventory Count	Commissioners Meetings	Local Recipients Grants Presentation	Solid Waste Public Education Meetings	Total
Bartolomeo's Caterers	1/21/2015			\$ 298.41			\$ 298.41
Bartolomeo's Caterers	1/22/2015		\$ 1,147.72				\$ 1,147.72
The Bagel Store	2/26/2015					\$ 327.25	\$ 327.25
The Bagel Store	3/6/2015					\$ 701.25	\$ 701.25
Bartolomeo's Caterers	3/12/2015			\$ 244.70			\$ 244.70
Bartolomeo's Caterers	4/9/2015			\$ 297.94			\$ 297.94
Bartolomeo's Caterers	4/30/2015			\$ 297.94			\$ 297.94
Bartolomeo's Caterers	5/4/2015			\$ 298.41			\$ 298.41
The Bagel Store	7/26/2015					\$ 742.48	\$ 742.48
Restaurant Depot	7/28/2015	\$ 400.72					\$ 400.72
Bartolomeo's Caterers	8/6/2015			\$ 298.77			\$ 298.77
Bartolomeo's Caterers	8/20/2015	\$ 798.75					\$ 798.75
Restaurant Depot	9/16/2015	\$ 540.92					\$ 540.92
Content Party Rentals	9/17/2015	\$ 535.30					\$ 535.30
Bartolomeo's Caterers	9/24/2015	\$ 1,875.00					\$ 1,875.00
Bartolomeo's Caterers	10/15/2015			\$ 298.75			\$ 298.75
Gourmet Catering	10/16/2015				\$ 894.77		\$ 894.77
TOTAL		\$ 4,150.69	\$ 1,147.72	\$ 2,034.92	\$ 894.77	\$ 1,770.98	\$ 9,999.08

N-3 Attachments (Continued)

12) Travel Expenses

12) TRAVEL EXPENSES

<u>COMMISSIONERS</u>	<u>Transportation</u>	<u>Hotel</u>	<u>Parking</u>	<u>Meals</u>	<u>TOTAL</u>
<u>BENTZ, CATHERINE</u>					
2015 Water Environment Association Conference	\$ 97.34	\$ 274.92	\$ 15.50	\$ 115.18	\$ 502.94
<u>PHILLIPS, RONALD</u>					
2015 Water Environment Association Conference	\$ 58.00	\$ 275.00		\$ 9.20	\$ 342.20
<u>VACCARO, ANDREW</u>					
2015 Water Environment Association Conference		\$ 274.92			\$ 274.92
2015 Water Environment Federation Technical Exhibition Co	\$ 323.20				\$ 323.20
<u>OFFICERS</u>					
<u>LAUX, ROBERT</u>					
NJ State League of Municipalities 2014 Convention	\$ 60.00	\$ 122.60	\$ 29.30	\$ 53.31	\$ 265.21
<u>KEY EMPLOYEE</u>					
<u>ANDERSEN, ERIC</u>					
2015 Water Environment Association Conference		\$ 274.92	\$ 29.30	\$ 117.63	\$ 421.85
2015 Water Environment Federation Technical Exhibition Co	\$ 323.20	\$ 575.00			\$ 898.20
TOTALS	\$ 861.74	\$ 1,797.36	\$ 74.10	\$ 295.32	\$ 3,028.52

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

FISCAL YEAR: **FROM:** January 1, 2016 **TO:** December 31, 2016

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 other public 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 other public 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)

Bergen County Utilities Authority
 For the Period January 1, 2016 to December 31, 2016

Reportable Compensation from Authority
 (W-2/ 1099)

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 in Column O	Average Hours per Week Dedicated to Positions at Other Public Entities Listed in Column O	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	Key Employee/ Officer	Highest Compensated Employee	Former	Base Salary/ Stipend	Bonus	Other (auto allowance, expense account, payment in lieu of health benefits, etc.)						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.)	
1 Andrew "Chuck" Vaccaro	Chairman	Deceased			X		\$ -	\$ -	\$ -	\$ -	Borough of Cresskill	Borough Administrator, Planning Board	40+	\$ 90,000	\$ 12,000	\$ 102,000	
2 Ronald Phillips	Chairman	3	X				-	-	-	-	None	N/A	0	-	-	-	
3 Catherine T. Bentz	Commissioner	3	X				-	-	-	-	Borough of Paramus	Crossing Guard	15	9,600	-	9,600	
4 James L. Cassella	Commissioner	3	X				-	-	-	-	Borough of East Rutherford	Mayor, Planning Board	40+	7,000	-	7,000	
5 Louis J. DeLisio	Commissioner	3	X				-	-	-	-	Northern Valley Bd of Education	President	2	-	-	-	
6 Paul Juliano	Commissioner	3	X				-	-	-	-	Fairview DPW	Supt. Of Public Works/Asst. to Administrator - Personnel	40-50	148,553	44,412	192,965	
7 David J. Lorenzo	Commissioner	3	X				-	-	-	-	Borough of Palisades Park	Borough Administrator, Planning Board	40+	142,000	20,000	162,000	
8 Richard D. Schooler	Commissioner	3	X				-	-	-	-	None	N/A	0	-	-	-	
9 George P. Zilocchi	Commissioner	3	X				-	-	-	-	NJ Highway Authority	Executive Director of the NJ Highway Authority	Retired	-	98,283	98,283	
10 Robert E. Laux, Esq	Executive Director	40		X			169,250	-	-	30,000	199,250	None	N/A	0	-	199,250	
11 Eric Andersen	Chief Engineer/ Director WPC	40			X		167,020	-	-	30,000	197,020	Borough of Leonia	C-2 Operator	2 per week	2,600	-	199,620
12 Richard Wierer	Deputy Executive Director	40		X			165,604	-	-	30,000	195,604	None	N/A	0	-	195,604	
13 Ronald Cestaro	Supervisor Sewage Plant Operator	Retired			X		149,946	-	-	30,000	179,946	None	N/A	0	-	179,946	
14 James Tufaro	Supervisor Sewage Plant Operator	40			X		147,658	-	-	30,000	177,658	Borough of New Milford	Volunteer Firefighter	0	-	-	177,658
15 Michael Cammett	Supervisor Sewage Plant Operator	40			X		145,712	-	-	30,000	175,712	None	N/A	0	-	175,712	
16 Stephen Rasczyk	Supervisor Sewage Plant Operator	40			X		142,982	-	-	30,000	172,982	None	N/A	0	-	172,982	
17 Thomas Logan	Personnel Administrator	40			X		139,798	-	-	30,000	169,798	None	N/A	0	-	169,798	
18 Wallace Nowosielecki	Former CFO/ Treasurer	Retired			X		133,314	-	-	30,000	163,314	Borough of Elmwood Park	Board of Recreation Advisory Board	1 per week	-	-	163,314
19 Mathew McCarter	Acting Treasurer	40		X			115,208	-	-	30,000	145,208	None	N/A	0	-	-	145,208
Total:							\$ 1,476,492	\$ -	\$ -	\$ 300,000	\$ 1,776,492				\$ 399,753	\$ 174,695	\$ 2,350,940

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:

Schedule of Health Benefits - Detailed Cost Analysis

Bergen County Utilities Authority

For the Period January 1, 2016 to December 31, 2016

	Annual Cost		Total Cost Estimate Proposed Budget	# of Covered Members (Medical & Rx) Current Year	# of Covered Members (Medical & Rx) Current Year	Annual Cost per Employee Current Year	Total Current Year Cost	\$ Increase (Decrease)	% Increase (Decrease)
	# of Covered Members (Medical & Rx) Proposed Budget	Estimate Proposed Budget							
Active Employees - Health Benefits - Annual Cost									
Single Coverage	35	\$ 16,318	\$ 571,141	35	35	\$ 15,024	\$ 525,840	\$ 45,301	8.5%
Parent & Child	14	24,344	340,815	14	14	22,416	313,824	26,991	8.6%
Employee & Spouse (or Partner)	32	27,973	895,146	32	32	25,764	824,448	70,698	8.5%
Family	79	35,792	2,827,600	79	79	32,964	2,604,156	223,444	8.5%
Employee Cost Sharing Contribution (enter as negative -)			(212,953)				(208,778)	(4,175)	2.0%
Subtotal	160		4,421,749	160	160		4,059,490	362,259	8.9%
Commissioners - Health Benefits - Annual Cost									
Single Coverage	0		-	0	0		-	-	#DIV/0!
Parent & Child	0		-	0	0		-	-	#DIV/0!
Employee & Spouse (or Partner)	0		-	0	0		-	-	#DIV/0!
Family	0		-	0	0		-	-	#DIV/0!
Employee Cost Sharing Contribution (enter as negative -)									#DIV/0!
Subtotal	0		-	0	0		-	-	#DIV/0!
Retirees - Health Benefits - Annual Cost									
Single Coverage	51	11,726	598,022	51	51	13,356	681,156	(83,134)	-12.2%
Parent & Child	6	16,447	98,682	6	6	19,608	117,648	(18,966)	-16.1%
Employee & Spouse (or Partner)	51	25,677	1,309,539	51	51	22,428	1,143,828	165,711	14.5%
Family	17	33,225	564,833	17	17	28,524	484,908	79,925	16.5%
Employee Cost Sharing Contribution (enter as negative -)									#DIV/0!
Subtotal	125		2,571,076	125	125		2,427,540	143,536	5.9%
GRAND TOTAL	285		\$6,992,825	285	285		\$ 6,487,030	\$ 505,795	7.8%

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

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

Schedule of Accumulated Liability for Compensated Absences (Detail)

Bergen County Utilities Authority
For the Period January 1, 2016 to December 31, 2016

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

Individuals Eligible for Benefit	Gross Days of Accumulated Compensated Absences at beginning of Current Year	Dollar Value of Accrued Compensated Absence Liability	Legal Basis for Benefit (check applicable items)		
			Approved Labor Agreement	Resolution	Individual Employment Agreement
WATER POLLUTION CONTROL					
ABBATE, DOMENICK	46.88	15,235.17	x		
ABRAHAMSEN, ERIC	83.31	36,702.12	x		
ABRAHAMSEN, TYLER S	5.81	698.30	x		
ACOSTA, RICHARD	5.00	543.85	x		
ALAMPI, CRYSTAL L	3.44	562.18	x		
ANDERSEN, ERIC	68.00	39,380.52			x
ASHLEY, LAURA ANN	0.06	13.27	x		
AUFIERO, VINCENT G	9.88	2,041.89	x		
BABBINI, ROBERT JAMES	7.84	2,247.40	x		
BANEK JR, EDWARD A	47.59	15,468.77	x		
BEEH, JAMES	40.13	16,161.68	x		
BELINSKY, DANIEL BERNARD	23.66	7,574.59	x		
BERTONE, KEVIN	153.50	48,524.10	x		
BETHON, RUSSELL W	16.50	5,362.78	x		
BIALEK, BRANDON THOMAS	1.84	476.99	x		
BIRKNER, JOHN	116.16	43,278.73	x		
BLANCO, PHILIP E	29.03	8,403.08	x		
BLUNDO, JEROME J	39.25	7,081.54	x		
BOLLHARDT, DENNIS	121.41	52,837.65	x		
BONGARD, LAWRENCE	15.89	6,266.01	x		
BONINO, ROBERT	180.41	67,488.86	x		
BOWERS JR, GILBERT A	108.00	46,476.90	x		
BOYADIJIAN, JOSEPH K	37.55	11,956.18	x		
BRADLEY JR, PAUL P	54.94	17,074.97	x		
BREEN, ALFRED	102.31	44,278.95	x		
BREONTE, CARMIN VINCENT	2.06	589.00	x		
BREWER, JOHN T.	38.81	15,633.02	x		
BRIGLEY, KEVIN J	3.00	1,208.35	x		
BRILLO, DAVID	65.06	21,930.75	x		
BUTTACAVOLE, DEBORAH	31.16	9,326.72	x		
CALABRESE JR, WILLIAM	82.69	26,054.34	x		
CALLAHAN, MICHAEL	44.63	15,145.68	x		
CAMMETT, MICHAEL R	132.50	57,910.75	x		
CARFI, GIUSEPPE	120.94	52,886.43	x		
CAVALLO, LOUISE	70.25	21,510.36	x		
CESTARO, RONALD	171.78	75,867.89	x		
CHAIKET, THOM	43.72	18,845.52	x		
CHASE, STEVEN A	63.03	20,361.70	x		
CHOINSKI, STEPHEN	91.27	34,323.34	x		
CIMMINO, JULIUS J.	19.00	5,849.70	x		
CIRKINYAN, GARABET V.	2.78	501.80	x		
CLAUBERG, CHRISTOPHER	98.94	30,483.46	x		
COCHRANE, ROBERT J	8.00	870.16	x		
CORCORAN, SCOTT F	8.84	1,446.32	x		
CZAJKOWSKI, KAZIMIERZ	2.00	413.55	x		
D'ARMINIO, LOUIS V	27.50	9,544.25		x	
DAVILA, LUIS A.	96.59	28,667.31	x		
DELIA, LOUIS	50.53	18,616.79	x		
DELVECCHIO, EDWARD	3.97	1,346.99	x		
DEMPSEY, ROBERT	77.34	29,560.31	x		
DENORCHIA, SAMUEL	10.00	1,087.70	x		
DENTZAU, ERIK ERNEST	9.97	2,677.69	x		
DEVINCENZO, COSMO C.	31.44	11,473.95	x		
DEVRIES, PETER	118.53	37,160.33	x		
DILUCA, BRUCE	124.75	54,665.29	x		
DINICE, JOHN	139.81	61,500.08	x		
DOBROWSKI, STANLEY	116.59	51,896.59	x		
DOMBROWSKI, JAMES J.	13.53	5,450.16	x		
DUFFY, MARCIA	140.01	42,995.77	x		
DUFFY, STEPHEN	113.47	39,219.11	x		
DUNAY, SEAN W	59.50	17,887.04	x		
DUNNE, KRISTOFFER	53.00	17,225.89	x		
ECKERT, JOSEPH PAUL	9.06	2,748.01	x		
EGOROW, PETER	215.06	67,665.89	x		
FALAHEE, MICHAEL A	30.00	6,203.22	x		
FARRIOR, WALTER	48.19	16,354.79	x		

Schedule of Accumulated Liability for Compensated Absences (Detail)

Bergen County Utilities Authority
For the Period January 1, 2016 to December 31, 2016

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

Individuals Eligible for Benefit	Gross Days of Accumulated Compensated Absences at beginning of Current Year	Dollar Value of Accrued Compensated Absence Liability	Legal Basis for Benefit (check applicable items)			
			Approved Labor Agreement	Resolution	Individual Employment Agreement	
FIERRO, GABRIEL J	4.00	721.69	x			
FILARDO, JAMES	14.34	4,867.83	x			
FITZPATRICK, ROBERT	24.00	8,842.11	x			
FREDA, JAMES	45.56	15,318.68	x			
FUSCO, BRIAN J	49.84	8,992.88	x			
GALLAGHER, KARI	36.84	12,504.73	x			
GARAFANO, GARY	152.31	56,890.47	x			
GRINER, WILLIAM A	95.38	30,242.23	x			
GRISAFI, MICHEAL	7.00	761.39	x			
GRYCZKO, JAMES	9.16	3,687.98	x			
GUADAGNO, ANTHONY M	40.50	8,960.31	x			
HAMILTON, GEORGE C	60.03	17,488.19	x			
HANKINS, ISIAH	13.94	2,881.91	x			
HARRIS JR, DONALD ROOSEVELT	91.41	31,281.07	x			
HARRISON, JOSEPH	68.56	23,270.04	x			
HASAN, RIAZUL	175.72	77,597.58	x			
HENWOOD, MICHAEL	4.50	1,024.66		x		
HERITY, WILLIAM	46.19	13,368.94	x			
HERRMANN, JOHN J	68.85	22,846.08	x			
HUDSPETH, DAVID	91.66	40,618.84	x			
IBRAHIM, MOHAMAD F	0.16	44.77	x			
KHAN, STEVE P	16.84	2,754.66	x			
KNIGHT, SCOTT MARK	67.41	30,340.30	x			
KRONE, ALBERT M	108.00	32,725.26	x			
LAGROTTERIA, CHARLES	108.84	30,365.75	x			
LAUX, ROBERT E	4.00	2,624.94				x
LENNOX, JOHN D	67.89	18,645.85	x			
LOCASCIO, MICHAEL	137.31	50,769.20	x			
LOGAN, THOMAS	140.00	65,304.80				x
LUNA, JOSEPH	56.63	18,043.06	x			
LYZELL, VINCENT	62.31	27,536.48	x			
MAGNOTTA, DAVID	63.75	23,486.86	x			
MALONE, LAURENCE FINTAN	28.00	7,243.73	x			
MANDERANO, KEVIN	60.34	22,969.64	x			
MARTINS, NELSON	49.13	16,672.97	x			
MCCARTER, MATHEW D	5.03	2,493.59		x		
MCCARTHY, JAMES	200.41	68,523.46	x			
MCCLURE, DOUGLAS	74.97	25,251.27	x			
MCDONALD, TIMOTHY	66.09	19,666.65	x			
MCKEON, SEAN P	48.09	15,784.53	x			
MELILLO, JAMES	12.24	3,896.64	x			
MERENDA, MICHAEL	136.56	46,632.51	x			
MERTURI, FILIP	4.19	839.18	x			
MEYERS, FRED JOHN	7.28	2,537.09	x			
MICHALSKI, PAULA	8.37	2,842.04	x			
MITCHELL, JOHN GERALD	11.84	3,169.09	x			
MONFORTE, EUGENE	75.19	24,552.81	x			
MURPHY, BRIAN H	8.00	2,230.16	x			
MURRAY, MICHAEL THOMAS	22.56	6,841.59	x			
NASTA, VITO	181.63	80,163.69	x			
NEBBIA, HAROLD F	4.88	1,396.79	x			
NESE JR, PETER A	31.28	14,854.39	x			
OBLENIS, RONALD	91.94	25,679.17	x			
OLECHOWSKI, JOSEPH	65.81	21,337.21	x			
ORTIZ, JESSICA	2.94	537.83		x		
OURY, DENNIS	46.89	16,705.01	x			
PALAZZI, ROBERT ARMAND	29.13	13,241.03	x			
PATEL, GEETA	55.07	17,533.90	x			
PAUL JR, WALTER E	124.81	62,645.81		x		
PETERSON, CRAIG	65.15	24,001.27	x			
PLUCHINO, DAVID	90.47	33,356.40	x			
PYNN, STEVEN W.	52.41	16,373.98	x			
RAEFSKI, THOMAS	47.69	17,404.82	x			
RASCZYK, STEPHEN	49.28	21,463.78	x			
RATKOWSKI, MICHAEL P.	59.91	19,946.85	x			
RIOS, ANGEL L	3.72	1,127.63	x			
ROSARIO, JEFFREY	7.50	1,714.22	x			

Schedule of Accumulated Liability for Compensated Absences (Detail)

Bergen County Utilities Authority
For the Period January 1, 2016 to December 31, 2016

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

Individuals Eligible for Benefit	Gross Days of Accumulated Compensated Absences at beginning of Current Year	Dollar Value of Accrued Compensated Absence Liability	Legal Basis for Benefit (check applicable items)			
			Approved Labor Agreement	Resolution	Individual Employment Agreement	
RUSSO, DOMINICK	50.95	18,771.99	x			
SARTOR, VANNNI	10.72	4,979.19	x			
SAVINO, ANTHONY B	0.03	3.75	x			
SCHEIDEWIG, RICHARD J	8.78	955.13	x			
SHIRINIAN, HAIG	49.34	14,490.74	x			
SMITH, ASHLEY	9.63	1,736.56	x			
SORIANO, DOMINICK	213.78	79,826.80	x			
SOTO, NINA	6.72	2,068.56	x			
SPOELSTRA, ROGER WAYNE	62.47	18,606.85	x			
STUART, JOHN	56.47	19,165.43	x			
STUIISO, RICHARD	60.53	18,636.30	x			
STURZIONE, ALFRED J	58.06	16,281.10	x			
SWITAY, EDWARD	85.50	40,858.73		x		
TEDESCO JR, LOUIS A	87.00	28,751.94	x			
TUFARO, JAMES	35.84	17,020.97	x			
VALENTINO, DIANE L	102.00	45,567.32	x			
VERNIERI, ANTHONY	49.97	16,800.12	x			
WEBER, ROBERT	15.70	5,328.14	x			
WIERER, RICHARD	123.37	70,742.63				x
WILLIAMS, LAWRENCE SCOTT	15.25	5,005.10	x			
WOLFSOHN, LUCILLE	30.97	9,766.66	x			
YAGER, MARK C	85.30	26,068.89	x			
ZAGAJEWSKI, JOHN	31.31	14,197.77	x			
SOLID WASTE MANAGEMENT						
BAROCH, RICHARD	23.59	8,631.48	x			
BONANNO-LYNCH, ANGELA L	1.00	365.84	x			
RUSSO, LORI	11.87	4,342.95	x			
VANGIERI, MARK	98.68	42,521.83	x			
Total liability for accumulated compensated absences at beginning of current year		\$ 3,309,175.45				

2016 AUTHORITY BUDGET

Financial Schedules Section

2016 Budget Summary

Bergen County Utilities Authority
 January 1, 2016 to December 31, 2016

For the Period

	Proposed Budget						Adopted Budget Total All Operations	All Operations All Operations	% Increase (Decrease) Proposed vs. Adopted	% Increase (Decrease) Proposed vs. Adopted
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6				
REVENUES										
Total Operating Revenues	\$ 74,101,509	\$ 6,834,315	\$ -	\$ -	\$ -	\$ -	\$ 80,935,824	\$ 78,483,320	\$ 2,452,504	3.1%
Total Non-Operating Revenues	300,000	725,450	-	-	-	1,025,450	1,005,450	20,000	2.0%	
Total Anticipated Revenues	74,401,509	7,559,765	-	-	-	81,961,274	79,488,770	2,472,504	3.1%	
APPROPRIATIONS										
Total Administration	6,492,177	200,788	-	-	-	6,692,965	6,609,993	82,972	1.3%	
Total Cost of Providing Services	44,754,812	8,436,848	-	-	-	53,191,660	50,896,070	2,295,590	4.5%	
Total Principal Payments on Debt Service in Lieu of Depreciation	16,335,490	-	-	-	-	16,335,490	15,947,475	388,015	2.4%	
Total Operating Appropriations	67,582,479	8,637,636	-	-	-	76,220,115	73,453,538	2,766,577	3.8%	
Total Interest Payments on Debt	6,369,030	-	-	-	-	6,369,030	7,103,462	(734,432)	-10.3%	
Total Other Non-Operating Appropriations	450,000	-	-	-	-	450,000	300,000	150,000	50.0%	
Total Non-Operating Appropriations	6,819,030	-	-	-	-	6,819,030	7,403,462	(584,432)	-7.9%	
Accumulated Deficit	-	-	-	-	-	-	-	-	#DIV/0!	
Total Appropriations and Accumulated Deficit	74,401,509	8,637,636	-	-	-	83,039,145	80,857,000	2,182,145	2.7%	
Less: Total Unrestricted Net Position Utilized	-	1,077,871	-	-	-	1,077,871	1,368,230	(290,359)	-21.2%	
Net Total Appropriations	74,401,509	7,559,765	-	-	-	81,961,274	79,488,770	2,472,504	3.1%	
ANTICIPATED SURPLUS (DEFICIT)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!	

2016 Revenue Schedule

Bergen County Utilities Authority

For the Period January 1, 2016 to December 31, 2016

	Proposed Budget						Adopted Budget			\$ Increase (Decrease)	% Increase (Decrease)
	Water Pollution Control	Solid Waste Management	Operation	Operation	Operation	Operation	Total All Operations	Total All Operations	All Operations	All Operations	
			#3	#4	#5	#6					
OPERATING REVENUES											
<i>Service Charges</i>											
Residential							\$ -	\$ -	\$ -	#DIV/0!	
Business/Commercial	2,296,846						2,296,846	2,731,161	(434,315)	-15.9%	
Industrial	2,197,097						2,197,097	2,528,489	(331,392)	-13.1%	
Intergovernmental	65,807,566						65,807,566	63,543,378	2,264,188	3.6%	
Other		6,754,709					6,754,709	5,763,692	991,017	17.2%	
Total Service Charges	70,301,509	6,754,709	-	-	-	-	77,056,218	74,566,720	2,489,498	3.3%	
<i>Connection Fees</i>											
Residential	130,000						130,000	130,000	-	0.0%	
Business/Commercial	710,000						710,000	710,000	-	0.0%	
Industrial							-	-	-	#DIV/0!	
Intergovernmental	55,000						55,000	55,000	-	0.0%	
Other							-	-	-	#DIV/0!	
Total Connection Fees	895,000	-	-	-	-	-	895,000	895,000	-	0.0%	
<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>											
Other Revenue(See Sheet F-2a)	2,905,000	79,606					2,984,606	3,021,600	(36,994)	-1.2%	
Other Revenue 2							-	-	-	#DIV/0!	
Other Revenue 3							-	-	-	#DIV/0!	
Other Revenue 4							-	-	-	#DIV/0!	
Total Other Revenue	2,905,000	79,606	-	-	-	-	2,984,606	3,021,600	(36,994)	-1.2%	
Total Operating Revenues	74,101,509	6,834,315	-	-	-	-	80,935,824	78,483,320	2,452,504	3.1%	
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	300,000	15,000					315,000	295,000	20,000	6.8%	
Security Deposits							-	-	-	#DIV/0!	
Penalties							-	-	-	#DIV/0!	
Other Investments							-	-	-	#DIV/0!	
Total Interest	300,000	15,000	-	-	-	-	315,000	295,000	20,000	6.8%	
<i>Other Non-Operating Revenues (List)</i>											
Recycling Grants		710,450					710,450	710,450	-	0.0%	
Other Non-Operating #2							-	-	-	#DIV/0!	
Other Non-Operating #3							-	-	-	#DIV/0!	
Other Non-Operating #4							-	-	-	#DIV/0!	
Other Non-Operating Revenues	-	710,450	-	-	-	-	710,450	710,450	-	0.0%	
Total Non-Operating Revenues	300,000	725,450	-	-	-	-	1,025,450	1,005,450	20,000	2.0%	
TOTAL ANTICIPATED REVENUES	\$ 74,401,509	\$ 7,559,765	\$ -	\$ -	\$ -	\$ -	\$ 81,961,274	\$ 79,488,770	\$ 2,472,504	3.1%	

2016 Revenue Schedule - Other Revenues

Bergen County Utilities Authority
 For the Period January 1, 2016 to December 31, 2016

	<i>Proposed Budget</i>						<i>Current Year Adopted Budget</i>	<i>\$ Increase (Decrease) Proposed vs. Current Year</i>	<i>% Increase (Decrease) Proposed vs. Current Year</i>
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	Total All Operations	Total All Operations	All Operations
OPERATING REVENUES									
<i>Other Revenues</i>									
IPP Permits	240,000					240,000	\$ 285,000	\$ (45,000)	-15.8%
Sale of Treated Effluent	1,000,000					1,000,000	1,000,000	-	0.0%
Edgewater Debt Service Contribution	1,465,000					1,465,000	1,465,000	-	0.0%
Administrative Fees		54,606				54,606	46,600	8,006	17.2%
Miscellaneous Income	200,000	25,000				225,000	225,000	-	0.0%
Total Other Revenue	2,905,000	79,606	-	-	-	-	2,984,606	3,021,600	(36,994)
								All Operations	All Operations

2015 Adopted Revenue Schedule

Bergen County Utilities Authority

	<i>Adopted Budget</i>						Total All Operations
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	
OPERATING REVENUES							
<i>Service Charges</i>							
Residential							\$ -
Business/Commercial	2,731,161						2,731,161
Industrial	2,528,489						2,528,489
Intergovernmental	63,543,378						63,543,378
Other		5,763,692					5,763,692
Total Service Charges	68,803,028	5,763,692	-	-	-	-	74,566,720
<i>Connection Fees</i>							
Residential	130,000						130,000
Business/Commercial	710,000						710,000
Industrial							-
Intergovernmental	55,000						55,000
Other							-
Total Connection Fees	895,000	-	-	-	-	-	895,000
<i>Parking Fees</i>							
Meters							-
Permits							-
Fines/Penalties							-
Other							-
Total Parking Fees	-	-	-	-	-	-	-
<i>Other Operating Revenues (List)</i>							
Other Revenues (See Sheet F-3a)	2,950,000	71,600					3,021,600
Other Revenue 2							-
Other Revenue 3							-
Other Revenue 4							-
Total Other Revenue	2,950,000	71,600	-	-	-	-	3,021,600
Total Operating Revenues	72,648,028	5,835,292	-	-	-	-	78,483,320
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	280,000	15,000					295,000
Security Deposits							-
Penalties							-
Other Investments							-
Total Interest	280,000	15,000	-	-	-	-	295,000
<i>Other Non-Operating Revenues (List)</i>							
Recycling Grants		710,450					710,450
Other Non-Operating #2							-
Other Non-Operating #3							-
Other Non-Operating #4							-
Total Non-Operating Revenues	-	710,450	-	-	-	-	710,450
Total Non-Operating Revenues	280,000	725,450	-	-	-	-	1,005,450
TOTAL ANTICIPATED REVENUES	\$ 72,928,028	\$ 6,560,742	\$ -	\$ -	\$ -	\$ -	\$ 79,488,770

2015 Revenue Schedule - Other Revenues

Bergen County Utilities Authority
 For the Period January 1, 2015 to December 31, 2015

	<i>Current Year Adopted Budget</i>						Total All Operations
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	
OPERATING REVENUES							
<i>Other Revenues</i>							
IPP Permits	285,000						285,000
Sale of Treated Effluent	1,000,000						1,000,000
Edgewater Debt Service Contribution	1,465,000						1,465,000
Administrative Fees		46,600					46,600
Miscellaneous Income	200,000	25,000					225,000
Total Other Revenue	2,950,000	71,600	-	-	-	-	3,021,600

2016 Appropriations Schedule

Bergen County Utilities Authority

For the Period January 1, 2016 to December 31, 2016

	Proposed Budget						Adopted Budget			\$ Increase (Decrease) Proposed vs. Adopted	% Increase (Decrease) Proposed vs. Adopted
	Water Pollution Control	Solid Waste Management	Operation				Total All Operations	Total All Operations	All Operations	All Operations	
			#3	#4	#5	#6					
OPERATING APPROPRIATIONS											
<i>Administration - Personnel</i>											
Salary & Wages	\$ 2,812,775	\$ 86,992					\$ 2,899,767	\$ 2,769,286	\$ 130,481	4.7%	
Fringe Benefits	2,235,538	69,140				2,304,678	2,405,807	(101,129)	-4.2%		
Total Administration - Personnel	5,048,313	156,132	-	-	-	-	5,175,093	5,175,093	29,352	0.6%	
<i>Administration - Other (List)</i>											
Director's Office	24,250	750					25,000	25,000	-	0.0%	
Administrative	890,460	27,540					918,000	858,000	60,000	7.0%	
Information Technology	517,514	16,006					533,520	539,900	(6,380)	-1.2%	
Finance Office	11,640	360					12,000	12,000	-	0.0%	
Miscellaneous Administration*							-	-	-	#DIV/0!	
Total Administration - Other	1,443,864	44,656	-	-	-	-	1,488,520	1,434,900	53,620	3.7%	
Total Administration	6,492,177	200,788	-	-	-	-	6,692,965	6,609,993	82,972	1.3%	
<i>Cost of Providing Services - Personnel</i>											
Salary & Wages	12,698,474	346,990					13,045,464	13,385,622	(340,158)	-2.5%	
Fringe Benefits	10,121,338	536,199					10,657,537	9,967,806	689,731	6.9%	
Total COPS - Personnel	22,819,812	883,189	-	-	-	-	23,703,001	23,353,428	349,573	1.5%	
<i>Cost of Providing Services - Other (List)</i>											
Other COPS Expense (See Sheet F-4a)	21,935,000	7,553,659					29,488,659	27,542,642	1,946,017	7.1%	
Other COPS Expense #2							-	-	-	#DIV/0!	
Other COPS Expense #3							-	-	-	#DIV/0!	
Other COPS Expense #4							-	-	-	#DIV/0!	
Miscellaneous COPS*							-	-	-	#DIV/0!	
Total COPS - Other	21,935,000	7,553,659	-	-	-	-	29,488,659	27,542,642	1,946,017	7.1%	
Total Cost of Providing Services	44,754,812	8,436,848	-	-	-	-	53,191,660	50,896,070	2,295,590	4.5%	
<i>Total Principal Payments on Debt Service in Lieu of Depreciation</i>											
	16,335,490						16,335,490	15,947,475	388,015	2.4%	
Total Operating Appropriations	67,582,479	8,637,636	-	-	-	-	76,220,115	73,453,538	2,766,577	3.8%	
NON-OPERATING APPROPRIATIONS											
Total Interest Payments on Debt	6,369,030						6,369,030	7,103,462	(734,432)	-10.3%	
Operations & Maintenance Reserve							-	-	-	#DIV/0!	
Renewal & Replacement Reserve							-	-	-	#DIV/0!	
Municipality/County Appropriation							-	-	-	#DIV/0!	
Other Reserves	450,000						450,000	300,000	150,000	50.0%	
Total Non-Operating Appropriations	6,819,030						6,819,030	7,403,462	(584,432)	-7.9%	
TOTAL APPROPRIATIONS	74,401,509	8,637,636	-	-	-	-	83,039,145	80,857,000	2,182,145	2.7%	
ACCUMULATED DEFICIT											
TOTAL APPROPRIATIONS & ACCUMULATED DEFICIT	74,401,509	8,637,636	-	-	-	-	83,039,145	80,857,000	2,182,145	2.7%	
UNRESTRICTED NET POSITION UTILIZED											
Municipality/County Appropriation							-	-	-	#DIV/0!	
Other		1,077,871					1,077,871	1,368,230	(290,359)	-21.2%	
Total Unrestricted Net Position Utilized		1,077,871					1,077,871	1,368,230	(290,359)	-21.2%	
TOTAL NET APPROPRIATIONS	\$ 74,401,509	\$ 7,559,765	\$ -	\$ -	\$ -	\$ -	\$ 81,961,274	\$ 79,488,770	\$ 2,472,504	3.1%	

* 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 \$ 3,379,123.95 \$ 431,881.80 \$ - \$ - \$ - \$ - \$ 3,811,005.75

2016 Appropriations Schedule - Other COPS Expense

Bergen County Utilities Authority
For the Period January 1, 2016 to December 31, 2016

	<i>Proposed Budget</i>						<i>Current Year Adopted Budget</i>	<i>\$ Increase (Decrease) Proposed vs. Current Year</i>	<i>% Increase (Decrease) Proposed vs. Current Year</i>	
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	Total All Operations	Total All Operations	All Operations	
	Control	Management	Operation #3	#4	#5	#6	Operations	All Operations	All Operations	
OPERATING APPROPRIATIONS										
<i>Other COPS Expense</i>										
Professional Fees	2,445,000	48,500					2,493,500	\$ 2,484,500	\$ 9,000	0.4%
Collection	765,000						765,000	770,000	(5,000)	-0.6%
Compliance	250,000						250,000	250,000	-	0.0%
Facilities Cost	4,901,000						4,901,000	4,627,000	274,000	5.9%
Direct Processing	1,662,000						1,662,000	1,695,000	(33,000)	-1.9%
Waste Disposal	6,837,000						6,837,000	6,402,000	435,000	6.8%
Contract Maintenance	300,000						300,000	300,000	-	0.0%
Replacement Parts	2,555,000						2,555,000	2,330,000	225,000	9.7%
Supplies	800,000						800,000	780,000	20,000	2.6%
Safety Programs	220,000						220,000	180,000	40,000	22.2%
Insurance	920,000	25,000					945,000	955,000	(10,000)	-1.0%
Cooperative Marketing		6,754,709					6,754,709	5,763,692	991,017	17.2%
Recycling Grants		710,450					710,450	710,450	-	0.0%
Recycling Supplies		15,000					15,000	15,000	-	0.0%
Trustee Fees	280,000						280,000	280,000	-	0.0%
Total Other COPS Expense	21,935,000	7,553,659	-	-	-	-	29,488,659	27,542,642	1,946,017	7.1%

2015 Adopted Appropriations Schedule

Bergen County Utilities Authority

	<i>Adopted Budget</i>						Total All Operations
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	
OPERATING APPROPRIATIONS							
<i>Administration - Personnel</i>							
Salary & Wages	\$ 2,686,206	\$ 83,080					\$ 2,769,286
Fringe Benefits	2,333,633	72,174					2,405,807
Total Administration - Personnel	5,019,839	155,254	-	-	-	-	5,175,093
<i>Administration - Other (List)</i>							
Director's Office	24,250	750					25,000
Administrative	832,260	25,740					858,000
Information Technology	523,703	16,197					539,900
Finance Office	11,640	360					12,000
Miscellaneous Administration*							-
Total Administration - Other	1,391,853	43,047	-	-	-	-	1,434,900
Total Administration	6,411,692	198,301	-	-	-	-	6,609,993
<i>Cost of Providing Services - Personnel</i>							
Salary & Wages	12,833,294	552,328					13,385,622
Fringe Benefits	9,463,105	504,701					9,967,806
Total COPS - Personnel	22,296,399	1,057,029	-	-	-	-	23,353,428
<i>Cost of Providing Services - Other (List)</i>							
Other COPS Expense (See Sheet F-5a)	20,869,000	6,673,642					27,542,642
Other COPS Expense #2							-
Other COPS Expense #3							-
Other COPS Expense #4							-
Miscellaneous COPS*							-
Total COPS - Other	20,869,000	6,673,642	-	-	-	-	27,542,642
Total Cost of Providing Services	43,165,399	7,730,671	-	-	-	-	50,896,070
Total Principal Payments on Debt Service in Lieu of Depreciation	15,947,475	-	-	-	-	-	15,947,475
Total Operating Appropriations	65,524,566	7,928,972	-	-	-	-	73,453,538
NON-OPERATING APPROPRIATIONS							
Total Interest Payments on Debt	7,103,462	-	-	-	-	-	7,103,462
Operations & Maintenance Reserve							-
Renewal & Replacement Reserve							-
Municipality/County Appropriation							-
Other Reserves	300,000						300,000
Total Non-Operating Appropriations	7,403,462	-	-	-	-	-	7,403,462
TOTAL APPROPRIATIONS	72,928,028	7,928,972	-	-	-	-	80,857,000
ACCUMULATED DEFICIT							
TOTAL APPROPRIATIONS & ACCUMULATED DEFICIT	72,928,028	7,928,972	-	-	-	-	80,857,000
UNRESTRICTED NET POSITION UTILIZED							
Municipality/County Appropriation	-	-	-	-	-	-	-
Other		1,368,230					1,368,230
Total Unrestricted Net Position Utilized	-	1,368,230	-	-	-	-	1,368,230
TOTAL NET APPROPRIATIONS	\$ 72,928,028	\$ 6,560,742	\$ -	\$ -	\$ -	\$ -	\$ 79,488,770

* 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	\$ 3,276,228.30	\$ 396,448.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,672,676.90
--------------------------------------	-----------------	---------------	------	------	------	------	------	-----------------

2015 Appropriations Schedule - Other COPS Expense

Bergen County Utilities Authority
 For the Period January 1, 2015 to December 31, 2015

	<i>Current Year Adopted Budget</i>						Total All Operations
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	
OPERATING APPROPRIATIONS							
<i>Other COPS Expense</i>							
Professional Fees	2,395,000	89,500					2,484,500
Collection	770,000						770,000
Compliance	250,000						250,000
Facilities Cost	4,627,000						4,627,000
Direct Processing	1,695,000						1,695,000
Waste Disposal	6,402,000						6,402,000
Contract Maintenance	300,000						300,000
Replacement Parts	2,330,000						2,330,000
Supplies	780,000						780,000
Safety Programs	180,000						180,000
Insurance	860,000	95,000					955,000
Cooperative Marketing		5,763,692					5,763,692
Recycling Grants		710,450					710,450
Recycling Supplies		15,000					15,000
Trustee Fees	280,000						280,000
Total Other COPS Expense	20,869,000	6,673,642	-	-	-	-	27,542,642

5 Year Debt Service Schedule - Principal

Bergen County Utilities Authority

	Fiscal Year Beginning in						Total Principal Outstanding		
	Current Year (2015)	2016	2017	2018	2019	2020		2021	Thereafter
Water Pollution Control									
Bonds (See Sheet F-6a)	\$ 8,925,000	\$ 9,320,000	\$ 9,830,000	\$ 10,335,000	\$ 10,825,000	\$ 11,270,000	\$ 11,735,000	\$ 56,860,000	\$ 120,175,000
Intergovernmental Loans (See Sheet F-6a)	7,022,475	7,015,490	7,075,607	7,160,949	7,229,296	7,323,288	7,402,301	38,695,772	81,902,703
Debt Issuance #3									
Debt Issuance #4									
Total Principal	15,947,475	16,335,490	16,905,607	17,495,949	18,054,296	18,593,288	19,137,301	95,555,772	202,077,703
Solid Waste Management									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Principal	-	-	-	-	-	-	-	-	-
Operation #3									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Principal	-	-	-	-	-	-	-	-	-
Operation #4									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Principal	-	-	-	-	-	-	-	-	-
Operation #5									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Principal	-	-	-	-	-	-	-	-	-
Operation #6									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Principal	-	-	-	-	-	-	-	-	-
TOTAL PRINCIPAL ALL OPERATIONS	\$ 15,947,475	\$ 16,335,490	\$ 16,905,607	\$ 17,495,949	\$ 18,054,296	\$ 18,593,288	\$ 19,137,301	\$ 95,555,772	\$ 202,077,703

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

Moody's	Fitch	Standard & Poors
Aa3	Not Applicable	AA
2014	Never	2014

5 Year Debt Service Schedule - Principal (Detail)

Bergen County Utilities Authority

	Current Year (2015)	Fiscal Year Beginning in					Total Principal Outstanding		
		2016	2017	2018	2019	2020		2021	Thereafter
Water Pollution Control Authority Bonds									
2006 Series A (Refunded)	\$ 440,000			7,500,000	7,800,000	8,115,000	8,440,000		\$ 31,855,000
2007 Series A	5,090,000	5,390,000	7,505,000						12,895,000
2007 Series B	810,000	855,000	940,000	1,000,000	1,040,000	1,090,000	1,090,000	7,595,000	13,415,000
2008 Series C	390,000	410,000	425,000	840,000	920,000	955,000	985,000	23,465,000	28,000,000
2011 Series	1,670,000	1,695,000						5,950,000	1,695,000
2014 BCIA Series	525,000	540,000	590,000	620,000	650,000	685,000			5,950,000
2014 BCIA Refunding		430,000	440,000	465,000	485,000	510,000	535,000	19,850,000	3,650,000
2014 Refunding		9,320,000	9,830,000	10,335,000	10,825,000	11,270,000	11,735,000	56,860,000	22,715,000
Total Principal - Bonds	8,925,000	9,320,000	9,830,000	10,335,000	10,825,000	11,270,000	11,735,000	56,860,000	120,175,000

	2015	2016	2017	2018	2019	2020	2021	Thereafter	Total Principal Outstanding
Authority Intergovernmental Loans									
2005 NJEIT	\$ 756,104	\$ 752,918	\$ 760,371	\$ 768,235	\$ 773,968	\$ 778,861	\$ 781,412	\$ 895,278	\$ 5,511,043
2006 NJEIT	4,293,425	4,276,000	4,306,350	4,344,077	4,392,440	4,437,006	4,491,854	21,888,351	48,136,078
2007 NJEIT	82,839	81,027	79,216	77,404	75,593	88,201	86,390	527,288	1,015,119
2008 NJEIT	1,340,950	1,356,388	1,370,513	1,397,076	1,408,138	1,430,063	1,448,488	7,409,860	15,820,526
2010A NJEIT	124,636	124,636	129,636	134,636	134,636	139,636	139,636	1,247,093	2,049,909
2012 NJEIT	59,521	59,521	59,521	64,521	64,521	64,521	64,521	632,902	1,010,028
2015 NJEIT - Proposed	365,000	365,000	370,000	375,000	380,000	385,000	390,000	6,095,000	8,360,000
2016 NJEIT - Proposed	7,022,475	7,015,490	7,075,607	7,160,949	7,229,296	7,323,288	7,402,301	38,695,772	81,902,703
Total Principal - Loans	15,947,475	16,335,490	16,905,607	17,495,949	18,054,296	18,593,288	19,137,301	95,555,772	202,077,703

Increased by:
 2015 Budgeted Principal Payments 15,947,475

Decreased by:
 2015 NJEIT - Proposed Bond Principal (365,000)
 2016 NJEIT - Proposed Bond Principal (8,360,000)

Future Principal Due as of 12/31/2014 (1) \$ 209,300,178

(1) - Agrees to December 31, 2014 Report of Audit.

5 Year Debt Service Schedule - Interest

Bergen County Utilities Authority

Fiscal Year Beginning in

	Current Year (2015)	2016	2017	2018	2019	2020	2021	Thereafter	Total Interest Payments Outstanding
<i>Water Pollution Control</i>									
Bonds (See Sheet F-7a)	\$ 5,959,346	\$ 5,302,412	\$ 4,869,412	\$ 4,384,624	\$ 3,904,974	\$ 3,446,324	\$ 2,973,574	\$ 16,444,387	\$ 41,325,657
Intergovernmental Loans (See Sheet F-7)	1,144,116	1,066,618	1,004,921	930,404	852,490	771,696	685,740	2,524,750	7,836,619
Debt Issuance #3									
Debt Issuance #4									
Total Interest Payments	7,103,462	6,369,030	5,874,333	5,315,028	4,757,464	4,218,020	3,659,264	18,969,137	49,162,276
<i>Solid Waste Management</i>									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Interest Payments	-	-	-	-	-	-	-	-	-
<i>Operation #3</i>									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Interest Payments	-	-	-	-	-	-	-	-	-
<i>Operation #4</i>									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Interest Payments	-	-	-	-	-	-	-	-	-
<i>Operation #5</i>									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Interest Payments	-	-	-	-	-	-	-	-	-
<i>Operation #6</i>									
Debt Issuance #1									
Debt Issuance #2									
Debt Issuance #3									
Debt Issuance #4									
Total Interest Payments	-	-	-	-	-	-	-	-	-
TOTAL INTEREST ALL OPERATIONS	\$ 7,103,462	\$ 6,369,030	\$ 5,874,333	\$ 5,315,028	\$ 4,757,464	\$ 4,218,020	\$ 3,659,264	\$ 18,969,137	\$ 49,162,276

5 Year Debt Service Schedule - Interest (Detail)

Bergen County Utilities Authority

Fiscal Year Beginning in

	Current Year (2015)	2016	2017	2018	2019	2020	2021	Thereafter	Total Interest Payments Outstanding
Water Pollution Control Authority Bonds									
2006 Series A	\$ 1,176,098							\$ -	
2007 Series A	1,314,200	1,314,200	1,314,200	1,314,200	974,200	662,200	337,600	-	5,916,600
2007 Series B	899,250	644,750	375,250						1,020,000
2007 Series C	651,662	611,161	568,411	523,661	476,661	426,661	374,661	1,193,955	4,175,171
2008 Series	1,298,836	1,281,288	1,262,838	1,242,650	1,202,750	1,161,350	1,123,150	10,249,369	17,523,395
2011 Series	134,600	67,800							67,800
2014 BC/A Series	297,500	297,500	297,500	297,500	297,500	297,500	297,500	921,750	2,706,750
2014 BC/A Refunding	187,200	171,450	149,850	127,250	97,750	66,750	34,250	-	647,300
2014 Refunding	914,263	914,263	879,363	856,113	831,863	806,363	806,363	4,079,313	9,268,641
Total Interest - Bonds	5,959,346	5,302,412	4,869,412	4,384,624	3,904,974	3,446,324	2,973,524	16,444,387	41,325,657
Authority Intergovernmental Loans									
2005 NJEIT	\$ 72,917	\$ 67,321	\$ 62,843	\$ 56,903	\$ 50,705	\$ 44,262	\$ 37,580	\$ 78,059	\$ 397,673
2006 NJEIT	597,244	544,242	511,775	468,948	424,482	378,181	330,056	863,683	3,521,367
2007 NJEIT	14,688	13,688	12,688	11,688	10,688	9,888	8,888	27,225	94,753
2008 NJEIT	265,125	250,375	234,875	218,625	201,375	182,475	161,575	478,800	1,728,100
2010A NJEIT	47,126	44,376	41,625	38,625	35,375	32,775	29,275	127,675	349,726
2012 NJEIT	12,016	11,616	11,115	10,615	9,865	9,115	8,366	39,308	100,000
2015 NJEIT - Proposed	135,000								-
2016 NJEIT - Proposed	-	135,000	130,000	125,000	120,000	115,000	110,000	910,000	1,645,000
Total Interest - Loans	1,144,116	1,066,618	1,004,921	930,404	852,490	771,696	685,740	2,524,750	7,836,619
Total Interest	7,103,462	6,369,030	5,874,333	5,315,028	4,757,464	4,218,020	3,659,264	18,969,137	49,162,276
Increased by:									
2015 Budgeted Interest Payments									7,103,462
2005 NJEIT Unamortized Gain on Refunding									335,554
2006 NJEIT Unamortized Gain on Refunding									779,772
2008 NJEIT Defeasance Subsequent to 12/31/2013									516,000
2015 Interest due on 2014 Refunding Bonds not budgeted									906,642
Decreased by:									
2006 Series A Interest refunded by 2014 Refunding Bonds									(1,158,058)
2015 NJEIT - Proposed Bond Interest									(135,000)
2016 NJEIT - Proposed Bond Interest									(1,645,000)
Future Interest Due as of 12/31/2014 (1)									\$ 55,865,648

(1) - Agrees to December 31, 2014 Report of Audit.

2016 Net Position Reconciliation

Bergen County Utilities Authority
 For the Period January 1, 2016 to December 31, 2016

Proposed Budget

Water	Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	Total All Operations
	\$ 61,575,466	\$ 4,649,962					\$ 66,225,428
	41,335,411						41,335,411
	14,729,974						14,729,974
	5,510,081	3,917,724					9,427,805
	-	732,238					732,238
TOTAL NET POSITION BEGINNING OF CURRENT YEAR (1)							
Less: Invested in Capital Assets, Net of Related Debt (1)							
Less: Restricted for Debt Service Reserve (1)							
Less: Other Restricted Net Position (1)							
Total Unrestricted Net Position (1)							
Less: Designated for Non-Operating Improvements & Repairs							
Less: Designated for Rate Stabilization							
Less: Other Designated by Resolution							
Plus: Accrued Unfunded Pension Liability (1)							
Plus: Accrued Unfunded Other Post-Employment Benefit Liability (1)	11,721,000	362,499					12,083,499
Plus: Estimated Income (Loss) on Current Year Operations (2)	3,852,000	(1,104,220)					2,747,780
Plus: Other Adjustments (attach schedule)	(7,251,000)	3,916,791					(3,334,209)
UNRESTRICTED NET POSITION AVAILABLE FOR USE IN PROPOSED BUDGET							
Unrestricted Net Position Utilized to Balance Proposed Budget	8,322,000	3,907,308					12,229,308
Unrestricted Net Position Utilized in Proposed Capital Budget	-	1,077,871					1,077,871
Appropriation to Municipality/County (3)	-	-					-
Total Unrestricted Net Position Utilized in Proposed Budget	-	1,077,871					1,077,871
PROJECTED UNRESTRICTED UNDESIGNATED NET POSITION AT END OF YEAR (4)							
	\$ 8,322,000	\$ 2,829,437	\$ -	\$ -	\$ -	\$ -	\$ 11,151,437

(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 \$ 3,379,124 \$ 431,882 \$ - \$ - \$ - \$ 3,811,006

(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 Net Position Reconciliation - Other Adjustments

Bergen County Utilities Authority
 For the Period January 1, 2016 to December 31, 2016

	<i>Proposed Budget</i>						Total All Operations
	Water Pollution Control	Solid Waste Management	Operation #3	Operation #4	Operation #5	Operation #6	
Other Adjustments							\$
Operating Reserve - 12/31/2014 (per 2014 Audit)	1,189,000						1,189,000
Estimated Operating Reserve - 12/31/2015	(4,131,000)						(4,131,000)
Estimated Inventory - 12/31/2015	(4,309,000)						(4,309,000)
Estimated Change in Restricted for Solid Waste Escrow		3,907,806					3,907,806
Estimated Change in Restricted for Self Insurance Fund		8,985					8,985
	\$ (7,251,000)	\$ 3,916,791	\$ -	\$ -	\$ -	\$ -	\$ (3,334,209)

2016

**BERGEN COUNTY UTILITIES
AUTHORITY**

**AUTHORITY
CAPITAL
BUDGET/
PROGRAM**

2016 CERTIFICATION OF AUTHORITY CAPITAL BUDGET/PROGRAM

BERGEN COUNTY UTILITIES AUTHORITY

FISCAL YEAR: FROM: January 1, 2016 TO: December 31, 2016

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 Bergen County Utilities Authority, on the 22nd day of October, 2015.

OR

It is hereby certified that the governing body of the BERGEN COUNTY UTILITIES 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:	Michael Henwood		
Title:	Secretary		
Address:	Foot of Mehrhof Road Little Ferry, NJ 07643		
Phone Number:	201-807-8663	Fax Number:	201-641-7915
E-mail address	mhenwood@bcua.org		

2016 CAPITAL BUDGET/PROGRAM MESSAGE

BERGEN COUNTY UTILITIES AUTHORITY

FISCAL YEAR: **FROM:** January 1, 2016 **TO:** December 31, 2016

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?

Yes

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?

Yes

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

No, a short term plan for the next five years has been developed.

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 2016 budget includes approximately \$8,050,000 for debt service related to capital projects, a decrease of approximately \$15,001,000 from 2015 actual project related debt service. No increase in service charges is required to fund capital projects.

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.

Not Applicable

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.

Not Applicable

Add additional sheets if necessary.

2016 Proposed Capital Budget

Bergen County Utilities Authority

For the Period January 1, 2016 to December 31, 2016

	Estimated Total Cost	<i>Funding Sources</i>			
		Unrestricted Net Position Utilized	Renewal & Replacement Reserve	Debt Authorization	Capital Grants Other Sources
<i>Water Pollution Control</i>					
See Attached Schedule	\$ 8,050,000	\$ -	\$ -	\$ 8,050,000	\$ -
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	8,050,000	-	-	8,050,000	-
<i>Solid Waste Management</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #3</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #4</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #5</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #6</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
TOTAL PROPOSED CAPITAL BUDGET	\$ 8,050,000	\$ -	\$ -	\$ 8,050,000	\$ -

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.

2016 Proposed Capital Budget - Detail

Bergen County Utilities Authority
For the Period January 1, 2016 to December 31, 2016

	Estimated Total Cost	<i>Funding Sources</i>			
		Unrestricted Net Position Utilized	Renewal & Replacement Reserve	Debt Authorization	Capital Grants Other Sources
<i>Water Pollution Control</i>					
Hackensack River Anti-degradation Sampling and Modeling Program	\$ 800,000			\$ 800,000	
Little Ferry/Edgewater WPCF Wastewater Management Plan	200,000			200,000	
Equipment Replacement at Little Ferry WPCF	1,000,000			1,000,000	
I&I Reduction/SSD Elimination	500,000			500,000	
Anaerobic Sludge Digester Improvements	750,000			750,000	
Sludge Holding Tank Covers & Pump Station Rehabilitation	400,000			400,000	
Edgewater Pump Station and Force Main	2,700,000			2,700,000	
Phase III Buried Infrastructure Assessment and Rehab Plan	1,200,000			1,200,000	
Add'l Title V Air Permit Control Permit Requirements	500,000			500,000	
Total	8,050,000	-	-	8,050,000	-

5 Year Capital Improvement Plan

Bergen County Utilities Authority

For the Period January 1, 2016 to December 31, 2016

Estimated Total Cost	<i>Fiscal Year Beginning in</i>						
	Current Year Proposed Budget	2017	2018	2019	2020	2021	
<i>Water Pollution Control</i>							
See Attached Schedule	\$ 80,250,000	\$ 8,050,000	\$ 11,000,000	\$ 20,500,000	\$ 24,600,000	\$ 11,100,000	\$ 5,000,000
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	80,250,000	8,050,000	11,000,000	20,500,000	24,600,000	11,100,000	5,000,000
<i>Solid Waste Management</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	-	-	-	-	-	-	-
<i>Operation #3</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	-	-	-	-	-	-	-
<i>Operation #4</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	-	-	-	-	-	-	-
<i>Operation #5</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	-	-	-	-	-	-	-
<i>Operation #6</i>							
Project A Description	-	-					
Project B Description	-	-					
Project C Description	-	-					
Project D Description	-	-					
Total	-	-	-	-	-	-	-
TOTAL	\$ 80,250,000	\$ 8,050,000	\$ 11,000,000	\$ 20,500,000	\$ 24,600,000	\$ 11,100,000	\$ 5,000,000

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 - Detail

Bergen County Utilities Authority							
For the Period		January 1, 2016	to	December 31, 2016			
Estimated Total		<i>Fiscal Year Beginning in</i>					
Cost		Current Year Proposed Budget	2017	2018	2019	2020	2021
<i>Water Pollution Control</i>							
Hackensack River Anti-degradation Sampling and Modeling Program	\$ 1,000,000	\$ 800,000	\$ 200,000				
Little Ferry/Edgewater WPCF Wastewater Management Plan	1,300,000	200,000	800,000	100,000	100,000	100,000	
Equipment Replacement at Little Ferry WPCF	4,000,000	1,000,000	1,000,000	500,000	500,000	500,000	500,000
I&I Reduction/SSO Elimination	11,000,000	500,000	1,500,000	3,000,000	3,000,000	1,500,000	1,500,000
Anaerobic Sludge Digester Improvements	18,750,000	750,000			6,000,000	9,000,000	3,000,000
Sludge Holding Tank Covers & Pump Station Rehabilitation	3,000,000	400,000	1,300,000	1,300,000			
Edgewater Pump Station and Force Main	35,700,000	2,700,000	3,000,000	15,000,000	15,000,000		
Phase III Buried Infrastructure Assessment and Rehab Plan	3,000,000	1,200,000	1,200,000	600,000			
Add'l Title V Air Permit Control Permit Requirements	2,500,000	500,000	2,000,000				
Total	80,250,000	8,050,000	11,000,000	20,500,000	24,600,000	11,100,000	5,000,000

5 Year Capital Improvement Plan Funding Sources

Bergen County Utilities Authority

For the Period January 1, 2016 to December 31, 2016

	Estimated Total Cost	Funding Sources			
		Unrestricted Net Position Utilized	Renewal & Replacement Reserve	Debt Authorization	Capital Grants Other Sources
<i>Water Pollution Control</i>					
See Attached Schedule	\$ 80,250,000	\$ -	\$ -	\$ 80,250,000	\$ -
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	80,250,000	-	-	80,250,000	-
<i>Solid Waste Management</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #3</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #4</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #5</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
<i>Operation #6</i>					
Project A Description	-				
Project B Description	-				
Project C Description	-				
Project D Description	-				
Total	-	-	-	-	-
TOTAL	\$ 80,250,000	\$ -	\$ -	\$ 80,250,000	\$ -
Total 5 Year Plan per CB-4	<u>\$ 80,250,000</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.

5 Year Capital Improvement Plan Funding Sources - Detail

Bergen County Utilities Authority
For the Period January 1, 2016 to December 31, 2016

	Estimated Total Cost	<i>Funding Sources</i>			
		Unrestricted Net Position Utilized	Renewal & Replacement Reserve	Debt Authorization	Capital Grants Other Sources
<i>Water Pollution Control</i>					
Hackensack River Anti-degradation Sampling and Modeling Program	\$ 1,000,000			\$ 1,000,000	
Little Ferry/Edgewater WPCF Wastewater Management Plan	1,300,000			1,300,000	
Equipment Replacement at Little Ferry WPCF	4,000,000			4,000,000	
I&I Reduction/SSO Elimination	11,000,000			11,000,000	
Anaerobic Sludge Digester Improvements	18,750,000			18,750,000	
Sludge Holding Tank Covers & Pump Station Rehabilitation	3,000,000			3,000,000	
Edgewater Pump Station and Force Main	35,700,000			35,700,000	
Phase III Buried Infrastructure Assessment and Rehab Plan	3,000,000			3,000,000	
Add'l Title V Air Permit Control Permit Requirements	2,500,000			2,500,000	
Total	80,250,000	-	-	80,250,000	-

APPENDIX A

THE BERGEN COUNTY UTILITIES AUTHORITY

General

The Authority is the successor agency to The Bergen County Sewer Authority. By resolution of the Board of Chosen Freeholders of the County of Bergen adopted March 1, 1978, The Bergen County Sewer Authority was reorganized as a county utilities authority pursuant to and in accordance with the Act as a public body corporate and politic under the name of the "The Bergen County Utilities Authority."

The powers of the Authority are vested in the Members thereof in office from time to time. A majority of the entire authorized membership of the Authority shall constitute a quorum at any meeting thereof. Action may be taken and motions and resolutions adopted by the Authority at any duly authorized meeting of the Members thereof by a vote of a majority of the Members present.

The Authority is comprised of nine (9) sitting Members, known as Commissioners.

The sewerage service district of the Authority (the "District") currently comprises the forty-seven (47) municipalities identified under the heading "Participants" in the subsection entitled "Annual Charges 2011-2015 - Participants and Customers" in the section below entitled "The Water Pollution Control System." The remaining twenty-three (23) municipalities in Bergen County are either sewered by other utility or sewerage authorities or are unsewered.

On April 21, 1995, P.L. 1995, c.913 (N.J.S.A. 40:14B-14(b-d) *et seq.*) became effective. This law permits, in a county operating under the county executive form of government, the county executive to veto any action taken by a county utilities authority or any member thereof at a meeting, by returning to the authority and to the board of freeholders the copy of the minutes which the county executive receives from the authority with a veto of the action and a written explanation of the reasons for the veto. The board of freeholders may override the veto by a majority vote of its full membership within ten (10) days of the board's receipt of the veto. Pursuant to N.J.S.A. 40:14B-14(c), "[n]o resolution or other action of the authority providing for the issuance or refunding of bonds or other financial obligations shall be adopted or otherwise made effective by the authority without the prior approval in writing of the county executive. This power shall be exercised with due regard for the rights of the holders of bonds of the authority at any time outstanding, and nothing in, or done pursuant to, this subsection shall in any way limit, restrict or alter the obligation or powers of the authority or any representative or officer of the authority to carry out and perform in every detail each and every covenant, agreement or contract at any time made or entered into by or on behalf of the authority with respect to its bonds or for the benefit, protection or security of the holders thereof".

N.J.S.A. 40:14B-14(b) further specifically provides that the veto powers conferred upon the county executive pursuant to this statute do not affect in any way the covenants contained in the bond indentures of an authority, any collective bargaining agreement or binding arbitration decisions affecting authority employees. The powers granted the county executive in N.J.S.A. 40:12B-13(C) are to be exercised with due regard for the rights of the holders of bonds of the

authority at any time outstanding, and nothing in, or done pursuant to, this subsection shall in any way limit, restrict or alter the obligation or powers of the authority or any representative or officer of the authority to carry out and perform in very detail each and every covenant, agreement or contract at any time made or entered into by or on behalf of the authority with respect to its bonds or for the benefit, protection or security of the holders thereof.

Purposes and Powers

The Authority exists and operates under and pursuant to the Act. The Authority is a public body politic and corporate, constituting a political subdivision of the State established as an instrumentality exercising public and essential governmental functions to provide for the public health and welfare, having perpetual succession and certain enumerated powers.

The Act defines a municipal authority to include a county utilities authority (N.J.S.A. 40:14B-3(5)). The purposes of the Authority include, but are not limited to, the relief of waters in or bordering the State from pollution arising from causes within the district and the relief of waters in, bordering or entering the district from pollution or threatened pollution, and the consequent improvement of conditions affecting the public health, the provision of sewage collection and disposal service within or without the district, and the provision of solid waste services and facilities within or without the district in a manner consistent with the Solid Waste Management Act, P.L. 1970, c. 39 (N.J.S.A. 13:1E-1 *et seq.*) and in conformance with the solid waste management plans adopted by the solid waste management districts created therein. N.J.S.A. 40:14B-19(a).

The Authority possesses certain enumerated powers (N.J.S.A. 40:14B-20), including, but not limited to, the following: to adopt and have a common seal; to sue and be sued; in the name of the authority and on its behalf, to acquire, hold, use and dispose of its service charges and other revenues and other moneys; in the name of the authority but for the local unit or units, to acquire, rent, hold, lease as lessor, use and dispose of other personal property for the purposes of the authority; in the name of the authority but for the local unit or units, and subject to the limitations of the Act, to acquire, by purchase, gift or condemnation or otherwise, or lease as lessee, real property and easements therein, necessary or useful and convenient for the purposes of the authority; to provide and secure the payment of any bonds and the rights of the holders thereof, and to purchase, hold and dispose of any bonds; to make and enforce by-laws or rules and regulations for the management and regulation of its business and affairs and for the use, maintenance and operation of the utility system and any other of its properties and to amend same; to do and perform any acts and things authorized by the Act, under, through or by means of its own officers, agents and employees, or by contracts with any person; to enter into any and all contracts, execute any and all instruments and do and perform any and all acts or things necessary, convenient or desirable for the purposes of the authority or to carry out any power expressly given in the Act subject to the "Local Public Contracts Law" (N.J.S.A. 40A:11-1 *et seq.*); to extend credit or make loans to any person for the planning, designing, acquiring, construction, reconstructing, improving, equipping, furnishing and operating by that person of any part of a solid waste system, sewage treatment system, wastewater treatment or collection system for the provision of services and facilities within or without the district, which in the case of a solid waste system shall be in a manner consistent with the "Solid Waste Management Act",

P.L. 1970, c. 39 (N.J.S.A. 13:1E-1 *et seq.*) and in conformance with the solid waste management plans adopted by the solid waste management districts created therein. The credits or loans may be secured by loan and security agreements, mortgages, leases and any other instruments, upon such terms as the authority shall deem reasonable, including provision for the establishment and maintenance of reserve and insurance funds, and to require the inclusion in any mortgage, lease, contract, loan and security agreement or other instrument, provisions for the construction, use, operation and maintenance, and financing of that part of the aforementioned systems as the authority may deem necessary or desirable. N.J.S.A. 40:14B-20.

The Authority is authorized to charge and collect rents, rates, fees and other charges (in the Act sometimes referred to as "sewerage service charges") for direct or indirect connection with, or the use or services of, the sewerage system. N.J.S.A. 40:14B-22.

Such sewerage service charges may be charged to and collected from any person contracting for such connection or use or services or from the owner or occupant, or both of them, of any real property which directly or indirectly is or has been connected with the sewerage system or from or on which originates or has originated sewage or other wastes which directly or indirectly have entered or may enter the sewerage system, and the owner of any such real property shall be liable for and shall pay such sewerage service charges to the authority at the time when and place where such sewerage service charges are due and payable. N.J.S.A. 40:14B-22.

In addition to any such sewerage service charges, a separate charge in the nature of a connection fee or tapping fee, in respect of each connection of any property with the sewerage system, may be imposed upon the owner or occupant of the property so connected. Such connection charges shall be uniform within each class of users, and the amount thereof shall not exceed the actual cost of the physical connection, if made by the authority, plus an amount computed in accordance with the provisions of N.J.S.A. 40:14B-22.

Every authority shall prescribe and from time to time, when necessary, revise a schedule of all of its service charges, which may provide for a single rate, fee or charge for any of its utility charges and which shall comply with the terms of any contract of the authority and may be such that the revenues of the authority will at all times be adequate to pay the expenses of operation and maintenance of the utility system, including reserves, insurance, extensions and replacements, and to pay the principal of and interest on any bonds and to maintain such reserves or sinking funds therefor as may be required by the terms of any contract of the authority or as may be deemed necessary or desirable by the authority. N.J.S.A. 40:14B-23.

Professional Staff of the Authority

Robert E. Laux, Esq., is the Authority's Executive Director. Prior to his appointment in December of 2010, Mr. Laux served as County Counsel to the County of Bergen.

Matthew McCarter, CPA, is the Authority's Acting Treasurer. He has been employed at the Authority since 2007 and managed the financial operations during that time period prior to

acceding to his present role. Prior to his employment at the Authority he was Controller and Chief Financial Officer of a domestic non-profit organization for ten years. Mr. McCarter holds a Master of Business Management degree from Pace University and is licensed by the State of New Jersey and State of New York as a Certified Public Accountant.

Eric Andersen, P.E., is the Authority's Director of Water Pollution Control Division/Chief Engineer. Mr. Andersen has over thirty (30) years of operations and maintenance, engineering, construction and regulatory experience in the field of water pollution control and holds a Bachelor of Science Degree in mechanical engineering from Newark College of Engineering/NJIT. Mr. Andersen has been with the Authority since 1990 and was appointed to his current position in 2002. He holds a license from the State of New Jersey as a professional engineer and planner; the State of New Jersey Department of Environmental Protection as a wastewater collection system operator; the State of New Jersey Department of Community Affairs as a construction and building subcode official; as well as a building and mechanical inspector. He is also a member of the Water Environment Federation and the American Society of Civil Engineers.

THE WATER POLLUTION CONTROL SYSTEM

The Water Pollution Control System measures, intercepts, conveys, treats and disposes of the sewage collected by the respective collection systems of the Participants or delivered by Customers. In addition to Participants and Customers, a number of commercial establishments, which are not parties to a contract with the Authority, are connected directly to the Maywood extension of the Water Pollution Control System and are charged by the Authority for the use of the facilities. The financing and maintenance of the individual collection systems of the Participants are the responsibility of the respective Participants.

Description of Water Pollution Control System

The Water Pollution Control System services all or part of forty-seven (47) municipalities, two (2) sewerage authorities as well as twenty (20) commercial and industrial users. The Authority owns and operates the Little Ferry Water Pollution Control Facility (Little Ferry WPCF) and the Edgewater WPCF which treat the wastewater collected in their sewer service areas.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Little Ferry Water Pollution Control Facility

Approximately 1,550 miles of sanitary sewers and 110 miles of interceptor sewers carry wastewater flows to the Authority's Little Ferry WPCF located in Little Ferry, New Jersey. A small portion of the conveyance system consists of combined sewers (*e.g.*, sanitary and storm water is combined), specifically in Fort Lee, Hackensack and Ridgefield Park. Sewage measurement is recorded through 175 operating meter chambers dispersed throughout the Water Pollution Control System and monitored continually.

The Authority's Little Ferry WPCF provides secondary treatment of the wastewater including screening, grit removal, primary settling, activated sludge stabilization, secondary settling and chlorination/dechlorination. The treated effluent is disinfected prior to discharge into the Hackensack River through four outfalls. The remaining liquid sludge is transported to the Passaic Valley Sewerage Commissioners ("PVSC") wastewater treatment plant in Newark, New Jersey, for processing and beneficial use in accordance with an Inter-district Agreement between the two utilities. The PVSC processes the sludge to produce a product that satisfies the United States Environmental Protection Agency ("USEPA") definition of Class B pathogen and vector reduction requirements.

The Authority has, in the past, increased its plant capacity, based on an annual average flow, in stages, matching the increasing needs of its service area. The plant started operating in 1951, with an average annual flow capacity of 20 million gallons per day ("MGD"). This was expanded to 50 MGD in 1960 and to 62.5 MGD in 1976. In 1983, the plant was expanded to 75 MGD. Its current flow capacity for capacity assurance program purposes is 94 MGD. The Authority, however, completed the phased construction of the expansion of the plant to a maximum month flow of 109 MGD in November 1997, including construction of four final settling tanks, four (4) primary settling tanks, three (3) aeration tanks, a fifth digester and a fourth grit collector.

The NJDEP has stated that the Treatment Works Approval ("TWA") issued to the Authority on May 19, 1993, stipulates that the permitted flow remains limited to 94 MGD until such time as the Northeast New Jersey Water Quality Management Plan, the New Jersey Pollution Discharge Elimination System ("NJPDES") Discharge Permit (described below), and a TWA permit are issued for increased flow. In 2003, the NJDEP notified the Authority that an update of the Authority Wastewater Management Plan ("WMP") was required prior to a NJPDES permit modification and a TWA application. In 2003, the Authority's consulting engineer was retained by the Authority to prepare an updated WMP and application for a TWA permit to obtain an increase in permitted flow. As part of the update of the WMP for increased permitted discharge flows and loads, point source analyses are required. The draft updated WMP was submitted to the NJDEP in November 2004. The Authority received comments from the NJDEP on the updated WMP in August 2005 and March 2006. NJDEP requested the updated WMP to be revised and resubmitted with existing permit conditions (without a request for increased permitted flows and loads). In April 2007, NJDEP requested that the WMP reflect the Authority's commitment to Inflow & Rain-derived Infiltration (RDI/I) reduction. In October 2007, the NJDEP requested a first year I/I plan of action outline to be followed by a first five year RDI/I reduction plan. Subsequently, the Authority submitted a first year RDI/I reduction

plan to the NJDEP in November 2007 and has since developed a twenty-five year plan. The updated Authority WMP was adopted by the NJDEP on June 19, 2008. In July 2010, the Authority submitted an amendment to the Authority WMP to include the sewer service area of the Edgewater WPCF. The amended WMP was adopted by the NJDEP on May 9, 2011.

The Authority currently operates under a NJPDES Permit to discharge effluent to the Hackensack River from the Authority's Little Ferry WPCF. The NJPDES Permit lists allowable maximum concentrations and monitoring requirements. The Permit is renewed every five (5) years, at which time additional conditions are attached, prescribing standards, the attainment of which require future study. The Permit also imposes modified reporting requirements and merges therein certain terms and conditions previously contained in a 1991 administrative consent order, as modified (the "ACO"), relating to, *inter alia*, the elimination of emergency overflow discharge points located throughout the sewage collection system and the conduct of studies and potential future remedial action concerning surface and storm water inflow and infiltration into the sewage collection system.

On or about August 16, 2002, the NJDEP, Division of Water Quality issued the most recent NJPDES Permit No. NJ 0020028 (the "Permit") to the Authority. The Permit contains an effective date of October 1, 2002 and an expiration date of September 30, 2007. In March 2007, the Authority submitted an application for renewal of the NJPDES Permit. The existing NJPDES Permit remains in effect until the permit is renewed by the NJDEP. Effective April 1, 2005, a permit action was issued to increase the discharge loading limits for 5-day carbonaceous biochemical oxygen demand (cBOD₅) and total suspended solids (TSS) for the winter months of November through April based on a flow with secondary treatment of 84.28 mgd. The modified Permit also maintains the Authority's WPCF's seasonal loading allocation of cBOD₅ and TSS based on a flow with secondary treatment of 75 MGD, calculated on a monthly basis for the summer months of May through October. In addition, a final permit action was issued to the Authority, with an effective date of April 1, 2006, requiring an evaluation the plant capacity and development of an economic and performance analysis study of the plant demonstrating relationships among a set of Combined Sewer Overflow (CSO) control alternatives.

The Permit contains, *inter alia*, effluent limitations for nickel, cyanide and silver that became effective on October 1, 2002. The Permit includes deadlines for annual progress reports that outline the progress towards compliance with these new effluent limitations. Other new submittals required during the term of the Permit include an operation and maintenance manual, ammonia toxicity study, documentation for the Water Pollution Control System is operated such that all wet weather events the Water Pollution Control System receives and treats all wet weather flowing up to the capacity of the treatment plant, and beneficial use annual report.

On March 12, 2015, the NJDEP provided the Authority with the final Little Ferry WPCF NJPDES permit. The final permit included new discharge limitations for dissolved oxygen (DO), arsenic (As), copper (Cu), and additional requirements for combined service management.

On April 10, 2015, the Authority submitted a request for an adjudicatory hearing and stay requests regarding the new DO, As, and Cu discharge limitations. The Authority also requested the deletion of the Part IV Combined Sewer Management requirements and NJDEP review of the

Part IV Facility Management exclusion of non-contact cooling water as a reuse option for the plant (which has been a successful reuse option for the plant for many years).

On January 8, 2014, the NJDEP public noticed the draft NJPDES permit for the Little Ferry WPCF. The Authority reviewed the permit and provided comments to the NJDEP during the comment period. The draft permit includes new discharge limits for various compounds, in particular copper and arsenic. Studies will be needed to determine the best approach for the Little Ferry WPCF to meet the discharge limitations for copper and arsenic.

On or about September 18, 2002 the Authority forwarded for filing with the NJDEP its Request for Adjudicatory Hearing and Stay as to Certain Permit Conditions. On December 30, 2003, the NJDEP completed its review and granted the Authority's Request for an adjudicatory hearing. On March 17, 2004, the NJDEP granted a stay on permit conditions for several permit parameters. The case was filed in the New Jersey Office of Administrative Law and assigned a docket number (EWR-01006-2004N).

The Authority and NJDEP signed a Stipulation of Partial Settlement in January 2008, inclusive of the workplans (Attachments A, B, C and D) to perform point source (anti-degradation) analyses and model revalidation, lower Hackensack River water quality sampling and an effluent dilution study Attachment D. Attachment D and part of Attachment C were implemented in 2008. However, as stated in the Stipulation of Partial Settlement, the workplans and their implementation may be impacted by the existing United States Environmental Protection Agency's (USEPA's) New York/ New Jersey Harbor Estuary Program development of a Total Maximum Daily Load (TMDL) for Nutrients. The TMDL, once adopted, will be used by the NJDEP to develop new NJPDES permit limits for the dischargers to the harbor. The Authority negotiated with the NJDEP to develop the TMDL for Nutrients for the Lower Hackensack River as part of a Phase 2 TMDL development proposed by the NJDEP and USEPA. The USEPA HEP program will continue to establish the TMDL for Nutrients for the NY/NJ Harbor (including the lower Hackensack River) as Phase 1. However, the Authority Little Ferry WPCF will not be required to meet any future treatment improvement requirements based on an adopted Phase 1 TMDL by the NJDEP/USEPA during the Authority Phase 2 TMDL development and upon a future Phase 2 adoption by the NJDEP/USEPA. Subsequently, the Authority has developed and the NJDEP/USEPA approved the Authority Phase 2 Nutrient TMDL Study Sampling and Monitoring Workplan (dated March 2010, revised July 2010 and amended August 2010, September 2011 and July 2012 and the Modeling Workplan (dated March 2010). These workplans superceded Attachment B and part of Attachment C of the Stipulation of Partial Settlement. The Sampling and Monitoring Workplan was implemented in 2010, 2011 and 2012. The Authority's Special Consulting Engineer prepared and submitted the Sampling and Monitoring technical report to the NJDEP in October 2013. The modeling subcontractor is implementing the Modeling Workplan.

Edgewater Water Pollution Control Facility

The Authority purchased the Edgewater Municipal Utilities Authority's (Edgewater) Wastewater Treatment Plant located in Edgewater, New Jersey. The Edgewater WPCF (as it is referred to by the Authority) operates under NJPDES Permit No. NJ0020591, which allows for

secondary treatment of a permitted monthly capacity of 6.0 MGD with a hydraulic capacity of 12.15 MGD. The Edgewater WPCF provides secondary treatment of the wastewater including screening, grit removal, pure oxygen activated sludge stabilization, secondary settling and chlorination/dechlorination. The treated effluent is then discharged through an outfall into the Hudson River. During periods of extreme wet weather, when as a result of infiltration and inflow facility flows exceed the hydraulic capacity, an overflow pipe from the influent wet well discharges directly to the Hudson River. The liquid sludge is transported to the Passaic Valley Sewerage Commissioners ("PVSC") wastewater treatment plant in Newark, New Jersey for processing and beneficial use in accordance with an Inter-district Agreement between the two utilities.

On or about August 9, 2002, the NJDEP, Division of Water Quality issued the NJPDES Permit No. NJ 0020591 (the "Edgewater Permit") to the Authority. The Edgewater Permit contained an effective date of September 1, 2009 and an expiration date of August 31, 2014. The Edgewater Permit included new limitations for ammonia, copper and zinc that would become effective August 1, 2014. The Edgewater WPCF is not designed to remove ammonia, copper and zinc from the wastewater. The Authority determined that compliance with these new permit limits would require the construction of a new outfall to the Hudson River. The Authority retained its Special Consulting Engineer to plan and design the new outfall. On December 9, 2010 a final dilution evaluation report was submitted to the NJDEP entitled "Outfall Design for the Authority Edgewater Water Pollution Control Facility, March 4, 2010" which presented the new outfall acute and chronic dilution factors based on modeling results. In a February 15, 2011 letter to the Authority, the NJDEP approved dilution factors for the proposed outfall design which should allow the Authority to meet its permit limits for ammonia, copper and zinc once the outfall is constructed. In August 2011, the Authority requested a stay of the permit conditions for ammonia, copper and zinc.

On or about March 30, 2012, the NJDEP, Division of Water Quality revoked and reissued the NJPDES Permit No. NJ0020591 (the "Edgewater Permit") to the Authority. The Edgewater Permit contains an effective date of September 1, 2009 and an expiration date of August 1, 2014. The Edgewater Permit includes new limitations for ammonia and copper that become effective May 1, 2015. The Authority has completed the studies, design and permit applications necessary to proceed with construction of a new outfall. However, the Authority has not been able to obtain the approval of the Army Corps of Engineers for construction of the outfall as designed. The Corps of Engineers has determined that it cannot permit an outfall closer than 100 feet to the Edgewater Channel. Consequently, due to the extremely shallow depths (less than 4 feet) and mudflats, the only alternative is to dredge an artificial cove area to accommodate the outfall. This would require additional studies required by the NJDEP. Therefore the Authority is unable to proceed with construction of the new outfall to satisfy its discharge permit in a timely manner.

As part of the outfall project, the Authority has completed a value engineering analysis of the Edgewater Outfall. The analysis considered alternatives to the outfall as well as alternatives for the outfall in part because of the Authority's difficulties obtaining the permits necessary to construct the outfall. The analysis determined that the alternative of converting the Edgewater WPCF into a pumping station, constructing a force main connected to the Overpeck Relief

Sewer and treating the wastewater from the Edgewater WPCF a the Little Ferry WPCF for a twenty year period was \$54,000,000 less expensive than constructing the outfall improvement, upgrading the Edgewater WPCF for nutrient removal and operating the improved outfall and WPCF for twenty years. The Authority is presently pursuing this alternative with the NJDEP instead of constructing the outfall. The Authority submitted a wastewater management plan amendment application to the NJDEP on May 2, 2014, requesting the inclusion of the Edgewater WPCF service area into the Little Ferry WPCF service area. The application was approved by NJDEP on August 20, 2105. The Authority will initiate design for the pump station, pipeline, and other facilities in 2015.

The Industrial Pretreatment Program Requirements in the Edgewater Permit require that the Authority to perform a survey of industrial users in the Edgewater WPCF sewer service area, and perform a Headworks Analysis. The industrial survey was submitted to the NDJEP in February 2010. The Headworks Analysis Report was submitted to the NJDEP in April 2011, revised to address NJDEP comments in November 2011 and approved by the NJDEP in January 2012.

In 2007, the Authority acquired the Edgewater Wastewater Treatment Plant (Plant). To integrate the Plant into the Authority's Supervisory Control and Data Acquisition (SCADA) system, an assessment of existing conditions at the Plant was conducted to identify necessary improvements as well as to increase efficiency, reliability and flexibility. The assessment identified improvements at the Plant necessary to allow remote monitoring and control from the Authority's SCADA System, provide cost savings in the operation of the Plant, increase reliability and operability of the system, and necessary security improvements.

Current and Forecasted Population of the combined Little Ferry and Edgewater WPCF Service Areas

The latest population forecasts for planning purposes are based upon the County population projections published by the New Jersey Department of Planning and Economic Development. The forecast is based on the current demographic trends and conservation of available vacant land. The population served by the present service area of the Authority for the year 2010 was estimated to be approximately 575,219 persons. The estimated population to be served in the year 2020 is approximately 596,490persons.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Water Pollution Control System Usage

Forecasts of plant flows and population are based on historical flow data information and on estimates from previous studies undertaken by the Authority and evaluated during the preparation of the Authority Wastewater Management Plan. The following table presents historical and projected average annual and daily wastewater flow to the Authority's WPCFs based on the assumptions set forth in the Authority WMP.

<u>Fiscal Year</u>	<u>Municipal Participants</u>	<u>Sewerage Authorities and Private Users (1)</u>	<u>Estimated Population Served (3)</u>	<u>Annual Flow (MG) (2) (3)</u>	<u>Daily Flow (MGD) (3)</u>
1960	25	23	374,100	12,813	35.1
1970	37	40	506,400	16,503	45.2
1975	43	16	524,000	23,546	64.5
1980	43	16	476,200	21,967	60.2
1985	43	16	483,400	18,410	50.4
1990	45	19	491,730	26,739	73.3
1995	46	23	501,060	25,113	68.8
1999	46	23	518,880	26,813	73.5
2000	46	23	522,170	27,550	75.5
2005	46	22	536,028	31,888	87.4
2010 ⁴	47	22	575,219	33,791	92.6
2015 ⁴	47	22	585,854	34,307	94.0
2020 ⁴	47	22	596,490	34,805	95.4

1. Lists only those sewerage authorities, industrial and commercial users that are directly billed by the Authority. Several hundred additional industrial and commercial users are also served, but are billed by the Participants. Between 1974 and 1975, the change in number of sewerage authorities and private users was the result of consolidation of several accounts under one owner and the transfer of some directly billed users into the accounts of Participants.
2. Variation in flow reflects the influence of changes in climatic conditions on the amount of infiltration and inflow entering the sewer system.
3. Projected population and flows are based on the methodology defined in the Authority WMP (amended through May 9, 2011).
4. The Authority acquired the Edgewater WPCF in October 2007. Values prior to 2010 in the table above do not include the Edgewater WPCF sewer service area population or flows.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Annual Charges 2011-2015 – Participants and Customers

BERGEN COUNTY UTILITIES AUTHORITY ANNUAL CHARGES 2011-2015

	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>
	<u>Total Charge</u>				
Bergenfield	\$ 2,527,427.65	\$ 2,507,454.22	\$ 2,448,422.46	\$ 2,455,911.09	\$ 2,431,442.66
Bogota	687,071.97	669,907.43	688,655.83	695,245.44	662,162.36
Carlstadt	809,488.75	787,081.77	734,592.86	707,388.39	691,958.77
Carlstadt, SA	671,485.08	613,028.49	658,263.15	573,987.00	575,907.73
Cliffside Park	2,218,202.35	2,156,069.91	2,154,706.07	1,952,644.90	2,051,472.00
Closter	888,146.89	861,781.20	849,833.66	836,271.81	792,073.62
Cresskill	688,874.03	680,176.54	682,085.83	640,038.18	554,490.69
Demarest	423,759.04	423,247.28	427,366.37	439,930.89	398,947.40
Dumont	1,735,527.17	1,742,591.89	1,670,350.86	1,844,376.90	1,608,393.29
East Rutherford PW & UC	363,672.63	311,192.29	340,876.17	329,996.89	494,242.52
East Rutherford	1,164,615.66	1,077,642.95	936,380.18	1,018,239.52	1,092,274.54
Edgewater	846,101.62	880,129.58	781,985.32	975,206.57	991,486.98
Emerson	752,870.77	730,429.39	741,720.19	688,409.49	657,796.36
Englewood	3,213,414.59	3,065,487.63	3,058,440.32	2,978,626.81	2,967,245.87
Englewood Cliffs	1,018,479.92	1,010,708.94	1,013,956.85	994,501.56	866,702.05
Fairview	1,552,152.47	1,497,687.87	1,420,568.10	1,413,259.27	1,506,490.33
Fort Lee	5,609,900.07	5,292,290.27	4,748,565.02	3,956,837.87	3,853,617.88
Hackensack	6,099,392.18	6,210,281.63	6,064,427.64	5,715,113.48	5,928,213.61
Harrington Park	350,593.07	353,340.94	347,518.22	312,504.81	305,398.21
Hasbrouck Heights	1,200,032.81	1,172,535.59	1,209,760.55	1,166,321.54	1,093,093.33
Haworth	417,927.57	407,410.59	393,297.14	410,011.69	352,646.94
Hillsdale	944,431.44	941,946.66	947,240.25	880,510.05	872,162.81
Leonia	879,847.36	864,152.92	839,165.96	815,708.70	778,752.03
Little Ferry	1,291,720.66	1,289,883.53	1,210,575.00	1,212,928.17	1,175,565.41
Maywood	1,634,634.84	1,709,993.62	2,018,118.18	1,802,460.20	1,596,724.66
Montvale	932,330.65	937,727.68	932,417.98	906,967.92	875,894.61
Moonachie	677,866.37	646,885.16	609,155.01	559,817.41	576,067.57
New Milford	1,316,339.32	1,295,917.34	1,471,765.20	1,313,605.35	1,234,071.24
Northvale	587,302.07	575,858.40	528,935.09	520,919.79	494,413.99
Norwood	576,320.85	571,758.11	547,536.84	506,468.95	464,685.89
Old Tappan	427,570.45	410,666.71	386,707.01	373,886.03	359,326.93
Oradell	867,695.84	850,324.78	895,398.08	881,605.86	841,688.68
Palisades Park	2,007,821.61	1,940,643.20	1,950,556.22	1,764,157.55	1,841,499.25
Paramus	3,084,661.89	3,250,246.29	3,017,724.81	3,211,726.06	3,300,235.15
Park Ridge	651,167.29	655,681.26	668,983.38	642,299.43	621,400.97
Ridgefield	1,974,531.01	2,022,404.18	1,962,441.06	1,839,024.72	1,997,242.76
Ridgefield Park	1,214,805.93	1,174,588.19	1,169,849.72	1,191,001.33	1,163,875.30
River Edge	950,792.21	938,551.94	950,547.86	1,005,766.71	899,936.59
River Vale	801,161.02	808,355.29	823,340.93	777,993.40	733,496.25
Rochelle Park	723,530.96	694,965.01	678,689.88	753,072.81	702,109.29
Rutherford	1,168,736.23	1,183,954.73	1,180,778.68	1,000,558.63	965,945.98
South Hackensack	563,730.33	572,653.96	530,877.24	605,499.18	544,520.10
Teaneck	4,299,110.94	4,149,644.69	4,284,082.91	4,424,937.18	4,122,574.96
Tenafly	1,567,373.13	1,514,350.63	1,500,473.60	1,648,596.38	1,580,825.91
Teterboro	199,869.24	229,619.27	208,960.71	188,202.01	192,650.52

	<u>2015</u> <u>Total Charge</u>	<u>2014</u> <u>Total Charge</u>	<u>2013</u> <u>Total Charge</u>	<u>2012</u> <u>Total Charge</u>	<u>2011</u> <u>Total Charge</u>
Washington Township	746,770.68	720,879.13	767,115.62	673,662.85	623,461.98
Westwood	984,359.07	982,087.27	950,895.03	970,758.50	888,661.16
Woodcliff Lake	618,427.35	614,941.64	576,279.29	601,640.52	569,099.82
Wood-Ridge	<u>646,069.92</u>	<u>622,982.68</u>	<u>566,084.17</u>	<u>529,858.70</u>	<u>447,925.85</u>
Municipal Total	<u>\$ 65,578,114.95</u>	<u>\$ 64,622,140.67</u>	<u>\$ 63,546,468.50</u>	<u>\$ 61,708,458.49</u>	<u>\$ 60,340,872.80</u>
Futon World	\$ 303.07	\$ 314.60	\$ 325.18	\$ 266.38	\$ 274.78
Encap Golf Holdings	35,741.72	49,617.98	65,482.12	100,490.58	83,321.58
Bergen Tech	5,749.50	5,411.55	7,126.81	4,646.01	5,119.24
CSX Intermodal	1,107.10	1,149.20	1,187.87	973.01	1,003.78
Bogota Industrial	2,214.21	2,298.41	2,375.72	1,946.03	2,007.56
Fairleigh Dickinson	11,673.19	11,536.71	13,699.60	18,846.92	12,681.40
Edax Realty	873.50	273.86	350.26	981.23	254.09
Glass Gardens	6,922.36	7,245.94	7,197.02	6,677.39	6,642.56
Lowe Paper	-	-	-	-	5,687.41
Neptune Associates	67.07	108.31	94.37	95.62	139.20
N.T. Hegeman	10,976.81	14,369.65	4,702.05	6,866.04	7,831.86
Hudson Transmission	478.08	477.40	477.45	386.76	
Host Marriott	18,382.13	30,503.21	6,672.43	17,324.25	22,791.47
P.S. Gas & Electric	387.56	487.39	267.09	644.55	604.12
P.S. Generating Station	472,106.96	366,449.23	274,685.86	218,776.58	221,240.53
Pfister	3,403.70	3,376.57	3,046.11	4,137.27	-
Macquarie Aviation	-	-			3,418.52
Riverside Square	166,310.82	169,778.17	185,413.59	145,161.59	196,987.98
Record Town	-	1.55	119.95	28.81	14.87
NJ Transit Bus Oper.	3,082.57	2,799.04	2,726.87	3,045.90	3,427.36
United Water Company	<u>1,375,816.31</u>	<u>1,799,273.56</u>	<u>1,546,421.39</u>	<u>1,415,387.35</u>	<u>770,496.89</u>
Industrial Total	<u>\$ 2,115,596.66</u>	<u>\$ 2,465,472.33</u>	<u>\$ 2,122,371.74</u>	<u>\$ 1,946,682.27</u>	<u>\$ 1,343,945.20</u>
Grand Total	<u>\$ 67,693,711.61</u>	<u>\$ 67,087,613.00</u>	<u>\$ 65,668,840.24</u>	<u>\$ 63,655,140.76</u>	<u>\$ 61,684,818.00</u>

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Management Discussion of 2015 Water Pollution Control Budget

The Authority adopted the Water Pollution Control System budget for its 2015 Fiscal Year on December 18, 2014. The budgeted annual appropriations for expenditures in the 2015 budget, as compared to the 2014 budget, reflect an increase of \$2,175,415. Operating revenues were increased by \$2,175,415. No retained earnings were utilized in the 2015 budget.

	<u>Annual Budget</u>
<u>Revenues</u>	
Operating Revenues	\$ 72,648,028
Non-Operating Revenues	<u>280,000</u>
	<u>\$ 72,928,028</u>
 <u>Expenses</u>	
Operating Expenses	
Salaries	\$ 15,519,500
Other Expenses	33,777,591
Non-Operating Expenses	
Bond and Loan Principal	15,947,475
Interest Expense	7,103,462
Capital Outlay	300,000
Trustee Fees	<u>280,000</u>
	<u>\$ 72,928,028</u>

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Management Discussion of 2014 Water Pollution Control Budget

The budgetary income amounted to \$4,586,895 for the year ended December 31, 2014.

The Authority's management has prepared the summary of the annual operating budget to the actual costs for the year ended December 31, 2014 (budgetary basis):

	<u>Annual Budget</u>	<u>12 Month Actual</u>	<u>% Realized</u>
<u>Revenues</u>			
Operating Revenues	\$ 70,472,613	\$ 73,365,349	104.10%
Non-Operating Revenues	<u>280,000</u>	<u>338,960</u>	121.06%
	<u>\$ 70,752,613</u>	<u>\$ 73,704,309</u>	104.17%
<u>Expenses</u>			
<u>Operating Expenses</u>			
Salaries	\$ 15,801,144	\$ 14,815,147	93.76%
Other Expenses	31,539,106	31,051,587	98.45%
Capital Outlay	100,000	28,060	28.06%
<u>Non-Operating Expenses</u>			
Bond and Loan Principal	15,238,497	15,233,379	99.97%
Interest Expense	7,821,853	7,294,316	93.26%
Natural Disaster - Hurricane Sandy Expenses		363,823	
Trustee Fees	<u>252,013</u>	<u>331,102</u>	131.38%
	<u>\$ 70,752,613</u>	<u>\$ 69,117,414</u>	97.69%
Budgetary Income		<u>\$ 4,586,895</u>	

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

OTHER OBLIGATIONS OF THE AUTHORITY

Outstanding Bonds

The Authority currently has outstanding \$125,155,000 aggregate principal amount of Senior Bonds under the General Bond Resolution that are secured on parity with the Bonds and that have an equal lien on the pledge of the Revenues of the Water Pollution Control System.

The Authority currently has outstanding \$89,666,529 aggregate principal amount of Subordinate Bonds under the Subordinate General Bond Resolution.

OTHER FINANCINGS

The Authority anticipates issuing approximately \$40,000,000 through the New Jersey Environmental Infrastructure Trust Program (the "NJEIT") within the next 5 years in order to (i) complete the acquisition and installation of a combined heat and power engine for the Authority facilities including all permit requirements, and (ii) to implement capital improvements for the conversion of the Edgewater WPCF as set forth in "THE WATER POLLUTON CONTROL SYSTEM- Edgewater Water Pollution Control Facility" herein.

The Authority is also considering a refunding of all or a portion of its outstanding Water Pollution Control System Acquisition Revenue Bonds, Series 2007 and its outstanding capital project bonds issued through the Bergen County Improvement Authority's County of Bergen Guaranteed Revenue Bonds (The Bergen County Utilities Authority Capital Project Financing), Series 2008, as market conditions permit.

SUMMARY OF CERTAIN PROVISIONS OF THE SERVICE CONTRACTS

The Authority has from time to time entered into the Service Contracts with the Participants providing for the construction by the Authority and use by the Participants of various portions of the Water Pollution Control System and further providing for the payment of Annual Charges by the Participants to the Authority. Certain terms in each Service Contract differ in matters not related to the security for the Bonds. Copies of each Service Contract are on file in the offices of the Authority and are available for public inspection and reference is hereby made thereto for a more complete explanation of any such differences. Each Service Contract contains substantially similar provisions regarding the imposition, payment and collection of Annual Charges and other matters bearing upon the security for the Bonds. The following is a summary of such common provisions, which summary does not purport to be complete and is in all respects qualified by reference to the Service Contracts.

Construction of the Water Pollution Control System

The projects constituting the Water Pollution Control System contemplated by the Service Contracts have been completed and are currently operational. Pursuant to the Service Contracts, the Authority has the power to proceed with the construction, acquisition and

operation of any new portion of the Water Pollution Control System at such time or times as the Authority may in its discretion deem proper and expedient, consistent with the plan and purpose of the Act. The Water Pollution Control System may be enlarged and expanded from time to time and, as so enlarged or expanded, shall continue to be the Water Pollution Control System for all purposes of each Service Contract. Each Service Contract, once effective, continues to be binding upon the Participant or Participants executing the same, notwithstanding the exercise of such discretion by the Authority.

Each Service Contract requires the Authority to treat and operate the Water Pollution Control System to dispose of sewage delivered by the Participants. Each Participant is obligated to pay the cost of the delivery of sewage to the Water Pollution Control System. The Authority provides meters or other approved devices for measuring the flow of all sewage delivered and discharged into the Water Pollution Control System by each Participant.

Establishment of Rates by the Authority

The Authority prescribes and from time to time revises rates for the discharge and disposal of sewage through the Water Pollution Control System so that the Water Pollution Control System shall be and always remain self-supporting with earnings sufficient to provide for all expenses of operation, maintenance, depreciation and repair, including establishment and maintenance of working capital and reserves, and the payment of the principal or redemption price of and interest on any bonds issued or to be issued pursuant to the Act, so as to prevent the accrual of any deficit. The rates are based on the total annual volume of sewage discharged or disposed of through the Water Pollution Control System by the Participants, the Customers and others, and are uniform throughout the district for the same type, class and amount of use of or service of the Water Pollution Control System. The Authority is required to include in the rate surcharges which take into account any peculiar characteristics of the sewage and other wastes discharged or disposed of through the Water Pollution Control System and any other special matter affecting the cost of treatment and disposal of such sewage and other wastes.

Calculation of Rates for Annual Charges

The Service Contracts provide that, on or before the fifteenth day of January in each Fiscal Year, the Authority shall calculate the rate or rates which are the basis of the payments to be made to it by the Participants during such Fiscal Year. Such annual rates shall be calculated on the above-described volume and surcharge basis, sufficient to cover the Authority's requirements, including debt service obligations, for the Fiscal Year.

Certification of Annual Charges

On or before the seventeenth day of January in each Fiscal Year, the Authority shall certify to each Participant the amount of money which such Participant shall be required to pay to the Authority during the Fiscal Year. As to each Participant, such amount is calculated by the Authority by applying said rate or rates (including any applicable surcharges) to the volume and characteristics of the sewage delivered and discharged into the Water Pollution Control System by such Participant during the preceding Fiscal Year as shown by the records of the Authority or,

if there is no record covering such delivery and discharge for a full year, to the volume of sewage which the Authority then estimates will be delivered and discharged into the Water Pollution Control System by such Participant during the Fiscal Year.

Payments by Participants

Each Participant shall make provision for all payments to become due under its Service Contract, as certified to it for such year by the Authority, and shall make such payments in equal quarterly installments, which are due and payable on or before the first days of February, May, August and November of each year.

Penalties for Delinquency

If any part of any such installment or payment due to the Authority from any Participant shall remain unpaid for thirty (30) days following its due date, such Participant shall be charged with and pay to the Authority interest on the amount unpaid at the rate of eight percent (8%) per annum, and the Authority, in its discretion and without releasing such Participant from any obligations under the Service Contract, may refuse to permit such Participant to discharge sewage into the Water Pollution Control System during the period of such default and, at the expense of such Participant, may shut off from the Water Pollution Control System until the curing of such default, the sewerage system of such Participant.

Term of Contract

Each Service Contract is perpetual in duration.

Remedies by the Authority

Every obligation assumed by or imposed upon any Participant by a Service Contract or pursuant to the Act shall be enforceable by the Authority by appropriate action or proceeding at law or in equity.

Federal and State Requirements

In order to comply with certain requirements of the USEPA regarding the receipt of past federal grants-in-aid, the Authority proposed a standard form of amendment to the Service Contracts which it submitted for consideration to each Participant. The amendment was adopted by each Participant and committed each Participant to construct necessary internal collection systems, to adopt ordinances regulating sewer use and requiring pre-treatment of detrimental industrial wastes in compliance with federal and State regulations, to establish a system of user charges which will comply with the regulations of the USEPA to insure that each user of waste treatment services within the respective municipality will pay such user's fair share of the cost of operation and maintenance of all waste treatment services (other than debt service charges of the Authority or of the Participant with respect to its own facilities) and to adopt a system of industrial cost recovery whereby each industrial user will pay its share of the total amount of any grants awarded in accordance with federal and State regulations. Under the United States Clean

Water Act of 1977, the requirement of establishing a system of user charges may be satisfied by an *ad valorem* charge system. The Authority may further amend the Service Contracts to include such a system and seek approval of the same from the Administrator of the USEPA. Pursuant to the amendment, the Authority is entitled to promulgate, and from time to time amend, regulations to implement or supplement federal and State regulations to protect the public health and safety and to carry out the purposes of the Authority.

THE SOLID WASTE SYSTEM

Pursuant to the Act, the Authority's purposes include provision of solid waste services and facilities within or without the solid waste management district in a manner consistent with the Solid Waste Management Act, P.L. 1970, c. 39 (N.J.S.A. 13:1E-1 *et seq.*) and in conformance with the solid waste management plan adopted for the Bergen County Solid Waste Management District by the Bergen County Board of Chosen Freeholders.

The Authority's solid waste system, its revenues and debts are separate and distinct from the Authority's Water Pollution Control System, its revenues and debts.

On or about May 31, 2002 all of the solid waste system debt of the Authority was defeased and the solid waste system of the Authority currently has no bonded debt.