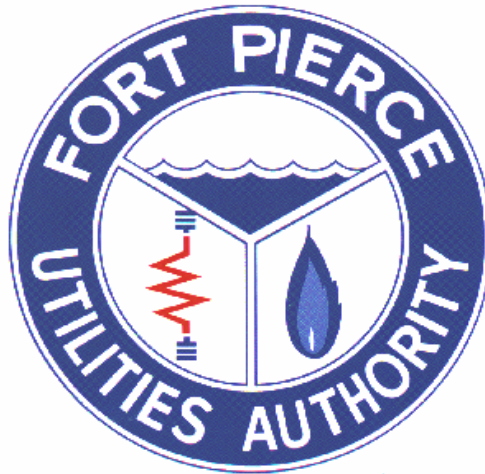


FORT PIERCE UTILITIES AUTHORITY



WATER AND WASTEWATER RATE STUDY

DRAFT

September 28, 2006



Public Resources Management Group, Inc.
Utility, Rate, Financial and Management Consultants



September 28, 2006

Mr. William G. Thiess, P.E.
Director of Utilities
Fort Pierce Utilities Authority
P.O. Box 3191
Fort Pierce, FL 34948-3191

Subject: **Water and Wastewater Rate Study**

Dear Mr. Thiess:

We have completed our study of the water and wastewater rates for the Fort Pierce Utilities Authority (the "Authority"), and have summarized the results in this report for your consideration. This report summarizes our review of the Authority's rates necessary to meet the projected water and wastewater utility system (the "System") revenue requirements for fiscal year ending September 30, 2007 ("Fiscal Year 2007") through the fiscal year ending September 30, 2011 (the "study period"). This study includes proposed water and wastewater rates based upon the currently adopted rate tariffs. The proposed rates are designed to recover the total net revenue requirements identified for each Fiscal Year through September 30, 2011.

In our review of the adequacy of the existing water and wastewater rates, we have relied upon certain information and data provided by the Authority including the Authority's Comprehensive Annual Financial Reports; the approved Fiscal Year 2007 Budget; the Five-Year Capital Improvement Program; customer statistics; periodic reports; records of operation; and other information and data provided by the Authority. To the extent we have performed our analyses using the data and information obtained from the Authority and others, we have relied upon such information to be accurate and no assurances are intended and no representation or warranties are made with respect thereto or the use made herein.

During the course of the study, it was determined that the proposed rates should meet a number of goals and objectives. The single most important goal of the study is to develop proposed utility rates that meet the projected expenditure requirements of the utility system in order to maintain sound financial operations and to fund the anticipated capital needs of the system. The other goals and objectives considered in the study include the following:

- Proposed rates should be based on cost of service principles;
- Proposed rates should be equitable among customer classes;
- Proposed rates should minimize "rate shock" to customers if possible;
- Proposed rates should promote the conservation of water resources;

Mr. William G. Thiess, P.E.
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- Proposed rates should comply with rate covenants as required by outstanding indebtedness; and
- Proposed rates should maintain adequate reserves for emergencies and unforeseen capital needs.

The proposed rates set forth herein are based on the recovery of the total costs anticipated for the water and wastewater systems. As such, the results of our study as summarized in the report following this letter, including the proposed rates and fees, is considered by PRMG to satisfy the Authority's goals and objectives.

We appreciate the opportunity to be of service to the Authority.

Respectfully submitted,
Public Resources Management Group, Inc.

Henry L. Thomas
Vice President and Principal

Murray M. Hamilton, Jr.
Rate Analyst

HLT/dlm

Attachments

FORT PIERCE UTILITIES AUTHORITY
WATER AND WASTEWATER SYSTEM RATE STUDY

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FORT PIERCE UTILITIES AUTHORITY
WATER AND WASTEWATER SYSTEM RATE STUDY

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FORT PIERCE UTILITIES AUTHORITY
WATER AND WASTEWATER SYSTEM RATE STUDY

INTRODUCTION

The Fort Pierce Utilities Authority (the “Authority”) was created and established in 1972 in accordance with certain provisions of the Charter of the City of Fort Pierce (the “City”), Florida and Ordinance No. F-399, as amended. The Authority was established for the purpose of operating and maintaining the water and wastewater system, electric system, and natural gas distribution systems. The Authority operates and maintains the water and wastewater systems (the “System”), which provide service to the residents of the City of Fort Pierce, and certain adjacent areas outside the City limits.

The System comprises six (6) departments that support the water production and wastewater treatment, and the distribution and collection of such services to customers. The following is a brief discussion of the System’s departments:

Director of Water and Wastewater Systems

The Director of Water and Wastewater Systems provides planning, control and direction for the five (5) remaining departments in support of water and wastewater utility services. The department oversees the following divisions:

- Water and Wastewater Engineering
- Water Resources
- Water Operations
- Wastewater Systems
- Wastewater Operations

This Department’s primary objectives include i) efficient and cost-effective operation and maintenance of the System; ii) careful planning and execution of capital projects; and iii) maintenance of competitive advantages and reliability of utility services. Currently, the department is supported by approximately two (2) full-time personnel and no additional staffing is anticipated through 2011.

Water and Wastewater Engineering

The Water and Wastewater Engineering Department is responsible for engineering, design, permitting, inspection and construction management associated with expansions, repairs, and upgrades of the water treatment plant (WTP), the water reclamation facility (WRF), and the water and wastewater distribution/collection systems. The department is also tasked with planning for future growth and changes within the System as technology and/or laws and regulations change. The department currently employs approximately thirteen (13) full-time personnel and plans five (5) new personnel positions by 2011.

Water Resources

The Water Resources Department is responsible for the operations and maintenance of the Authority's wellfields, raw water transmission mains, lime-softening and reuse osmosis drilling water treatment plants, storage/repump facilities, and the water distribution bacteriological monitoring program. The mission of the department is to ensure that the quality of finished water meets all federal and state drinking water requirements while maintaining cost-effective operations. The department currently employs approximately twenty-four (24) full-time personnel and plans five (5) new personnel positions through 2011.

Water Operations

The Water Operations Department is responsible for providing its customers with reliable, high quality water for drinking, irrigation and fire protection. Specifically, the department maintains the water distribution system and incorporates preventative maintenance programs on all distribution facilities including water lines, fire hydrants, valves, meter-testing, and backflow testing and repair. The department is supported by a total of approximately forty-four (44) full-time personnel, which are shared with the Wastewater Operations Department. In total, the Authority plans to add twelve (12) new personnel to continue to support both the Water Operations and Wastewater Operations Departments.

Wastewater Systems

The Wastewater Systems Department is responsible for a number of activities including: i) treatment and disposal of wastewater; ii) enforcement of the Industrial Pretreatment Program; iii) maintenance of lift stations and force mains; and iv) efficient operation of the wastewater treatment facility (WRF). The department currently employs approximately twenty-five (25) full-time personnel, and plans fourteen (14) new positions through 2011.

Wastewater Operations

The Wastewater Operations Department is responsible for the inspection and preventive maintenance of the collection system. The department routinely assists the Engineering Department with field changes and advises on discrepancies between record draining and actual field conditions. The department is supported by a total of approximately forty-four (44) full-time personnel, which are shared with the Water Operations Department as discussed previously. In total, the Authority plans to add twelve (12) new personnel to continue to support both the Water Operations and Wastewater Operations Departments.

The six (6) departments described above receive technical and professional support from other departments within the Authority. Such services include management, legal, human resources, finance and accounting, communication, and customer service. All of the utility services provided by the Authority including electric, water, wastewater, and natural gas share in these costs. It is estimated that these supporting departments employ approximately one-hundred and nine (109) full-time personnel and approximately twelve (12) full-time personnel are planned to be added through 2011. As will be discussed later, the water and wastewater systems will be required to pay for their proportionate share of these new positions.

The additional personnel needs of the Authority have been identified by Authority staff based upon recent and ongoing customer growth. As will be discussed in more detail in the next section, the Authority’s water customers have grown from 16,195 accounts in 2003 to 16,639 accounts in 2005. The increase in water accounts reflects an annual average increase of approximately 1.4%. The Authority’s wastewater customers have grown from 12,778 accounts in 2003 to 12,917 accounts in 2005. The increase in wastewater accounts reflects an annual average increase of approximately 0.5%. Based on discussions with Authority staff, and a detailed development schedule of planned units provided by the Authority, the growth trend during the forecast period is anticipated to increase. To meet the requirements of growth, the Authority has addressed staffing requirements, as well as, capital expansion and upgrade needs. Based upon the anticipated increases in such costs by Authority staff, the Authority has authorized Public Resources Management Group, Inc. (PRMG) to perform a rate study for the water and wastewater systems.

The goal of this study is to assist the Authority in establishing utility rates sufficient to recover the cost of operating, maintaining, repairing and financing the System. As outlined in this report, rate adjustments are proposed in order to support the revenue requirements of the water and wastewater operations, consistent with the goals and objectives of Authority management. The proposed rate increases are phased in over the next several fiscal years to ensure that the rates are adequate to fund operating expenses, debt service on obligations, departmental capital, on-going renewals and replacements, and required distributions to the City of Fort Pierce. Based on the projected operating results, the Authority can satisfy the projected revenue requirements for the System with the following series of rate increases over the next five (5) fiscal years:

	Estimated System-Wide Rate Revenue Increase				
	2007	2008	2009	2010	2011
Water System [1]	12.0%	12.0%	2.5%	2.5%	2.5%
Wastewater System [2]	10.0%	10.0%	15.0%	10.0%	9.5%

[1] Proposed system-wide average rate increases obtained from Table 2 on page 27 at the end of this report.

[2] Proposed system-wide rate increases obtained from Table 3 on page 28 at the end of this report.

This study provides a schedule of proposed rates to be effective beginning with bills rendered on or after January 1, 2007 (Fiscal Year 2007). The proposed rates are based on levelized increases to all customer classes and are consistent in structure with the existing rate tariffs to meet the projected net revenue requirements of the system beginning in Fiscal Year 2007.

The recommendations of this study are based on a financial forecast developed for the System. The financial forecast starts with the identification of utility operating and capital needs, next considers the capital financing plan and, finally, establishes the timing of rate adjustments and borrowing, if necessary. Our recommendations are predicated on the financial forecast developed for Fiscal Years 2007 through 2011 as discussed in more detail in the following sections.

CUSTOMER AND SALES FORECAST

Water System

During Fiscal Year 2005, it is estimated that the Authority provided water service to approximately 16,639 annual average accounts. Such customers used approximately 2,972,828 gallons of water during Fiscal Year 2005 as shown below.

Existing Customer Accounts and Usage [1]				
Customer Class	Average Accounts	Percent Inside-City	Total Gallons Used (000s)	Percent of Water Sold
Residential	13,469	76.8%	1,043,965	35.2%
General Service	3,169	79.2%	1,731,306	58.2%
Sale for Resale	<u>1</u>	<u>0.0%</u>	<u>197,557</u>	<u>6.6%</u>
Total	<u>16,639</u>	<u>77.3%</u>	<u>2,972,828</u>	<u>100.0%</u>

[1] Amounts are presented in Table 1 on page 22 at the end of this report, which was estimated based upon year-to-date operating results for Fiscal Year 2005.

As illustrated above, residential accounts comprise 35.2% of total water sales while general service comprises 58.2% of water sales. The Authority has previously adopted a rate surcharge equal to 1.25 for outside-City customers; therefore, the Authority's annual rate revenues are derived from approximately 22.7% of its customers that are outside-City users in unincorporated territories.

Our study includes a forecast of customers and usage from Fiscal Year 2007 to 2011 to evaluate the adequacy of rate levels. This customer and sales forecast is based on actual historical results through Fiscal Year 2005 and estimated results for Fiscal Year 2006. Based on a review of potential growth and new development for the Authority and discussions with Authority staff, it has been assumed that the Authority's water customers will increase by approximately 7.1% per year on average through Fiscal Year 2011. The customer growth forecasted herein is based on assumptions regarding account growth by customer class. This detailed method of forecasting is used as a basis to forecast metered consumption and rate revenue under existing rates.

Water sales are projected based on usage trends experienced by each customer class during the recent past. The total sales forecast is based on the sum of individual forecasts prepared for each of the customer classifications (i.e., residential, general service, etc.). This is appropriate since the customer growth rates by class are typically different, and therefore, the sales forecast should be consistent with the type of customer growth anticipated.

(Remainder of page intentionally left blank)

Table 1 on page 22 provides a detailed listing of the customer forecast and the associated water sales for the water system. This forecast is summarized in the following tabulation:

Historical and Projected Customer Growth and Usage Forecast [1]				
Fiscal Year	Accounts		Annual Water Sold	
	Number	Percent Growth	Gal (000s)	Percent Growth
2003 [2]	16,195	N/A	2,897,181	N/A
2004 [2]	16,498	1.9%	2,960,795	2.2%
2005 [2]	16,639	0.9%	2,972,828	0.4%
2006 [3]	17,064	2.6%	3,038,660	2.2%
2007	17,894	4.9%	3,103,422	2.1%
2008	19,315	7.9%	3,213,209	3.5%
2009	21,505	11.3%	3,377,394	5.1%
2010	23,541	9.5%	3,524,123	4.3%
2011	25,089	6.6%	3,631,721	3.1%

[1] Amounts derived from Table 1 on page 22 at the end of this report.

[2] Amounts reflect estimated historical results based upon our detailed analysis on a per-customer-class basis.

[3] Amounts estimated based on year-to-date operating results and historical customer statistics and trends.

This customer forecast summarized above was combined with the Authority's existing rates, which includes, the customer charge, volumetric charge, and outside-City surcharges, where applicable, to estimate future System revenues at existing rates.

Wastewater System

During Fiscal Year 2005, it is estimated that the Authority provided wastewater service to approximately 12,917 annual average accounts as shown in the following table:

Existing Customer Accounts and Usage [1]				
Customer Class	Average Accounts	Percent Inside-City	Total Gallons Billed (000s)	Percent of Wastewater Sales
Residential	10,749	88.8%	807,557	43.3%
General Service	<u>2,168</u>	<u>89.8%</u>	<u>1,058,265</u>	<u>56.7%</u>
Total	<u>12,917</u>	<u>89.0%</u>	<u>1,865,822</u>	<u>100.0%</u>

[1] Amounts are presented in Table 1 on page 22 at the end of this report, which was estimated based upon year-to-date operating results for Fiscal Year 2005.

As illustrated above, residential accounts comprise 43.3% of total wastewater sales while general service customers comprise 56.7%. The Authority has previously adopted a rate surcharge equal to 1.25 for outside-City customers; therefore, the Authority's annual rate revenues are derived from approximately 11.0% of its customers that are outside-City users in unincorporated territories.

Our study includes a forecast of customers and usage from Fiscal Year 2007 to 2011 to evaluate the adequacy of rate levels. This customer and sales forecast is based on actual historical results through Fiscal Year 2005 and estimated results for Fiscal Year 2006. Based on a review of

potential growth and new development for the Authority and discussions with Authority staff, it has been assumed that the Authority’s wastewater customers will increase by approximately 8.7% per year on average through Fiscal Year 2011. The customer growth forecasted herein is based on assumptions regarding account growth by customer class. This detailed method of forecasting is used as a basis to forecast metered consumption, and rate revenue under existing rates.

Wastewater sales are projected based on usage trends experienced by each customer class during the recent past. The total sales forecast is based on the sum of individual forecasts prepared for each of the customer classifications (i.e., residential, general service, etc.). This is appropriate since the customer growth rates by class are usually different, and therefore, the sales forecast should be consistent with the type of customer growth anticipated.

Table 1 on page 22 provides a detailed listing of the customer forecast and the associated wastewater sales for the wastewater system. This forecast is summarized in the following tabulation:

Fiscal Year	Accounts		Annual Wastewater Sold	
	Number	Percent Growth	Gal. (000s)	Percent Growth
2003 [2]	12,778	N/A	1,778,080	N/A
2004 [2]	12,938	1.3%	1,792,847	0.8%
2005 [2]	12,917	(0.2%)	1,865,822	4.1%
2006 [3]	13,342	3.3%	1,900,080	1.8%
2007	14,171	6.2%	1,961,731	3.2%
2008	15,589	10.0%	2,062,699	5.1%
2009	17,775	14.0%	2,211,145	7.2%
2010	19,810	11.5%	2,342,103	5.9%
2011	21,358	7.8%	2,437,327	4.1%

[1] Amounts derived from Table 1 on page 22 at the end of this report.
 [2] Amounts reflect estimated historical results based upon our detailed analysis on a per-customer-class basis.
 [3] Amounts estimated based on year-to-date operating results and historical customer statistics and trends.

The customer forecast summarized above was combined with the Authority’s existing rates, which includes, the customer charge, volumetric charge, and surcharges, where applicable, to estimate future System revenue at existing rates.

REVENUE REQUIREMENTS

The various components of cost associated with operating and maintaining a utility system, as well as the cost of financing the renewal and replacement of facilities and capital improvements for upgrades and expansion, are generally referred to as the utility cash revenue requirements. The sum of these cost components, after adjusting for other income and miscellaneous utility revenues, represents the net revenue requirements. The revenue requirements for this rate study are predicated on an analysis of water and wastewater costs for the five (5) fiscal year period ending September 30, 2011 (i.e. Fiscal Years 2007 through 2011). The projected revenue requirements included the various generalized cost components described below:

- **Operating Expenditures:** These expenditures include the cost of utilities, labor, materials, supplies, and other items necessary for the operation and maintenance of the water and wastewater system. Such costs further include indirect allocated costs from other supporting departments for management, legal, human resources, finance and accounting, communications and customer services.
- **Debt Service:** Debt service includes the principal and interest on the Authority’s current and loan obligations payable from the net operating revenues of the water and wastewater system.
- **Other Revenue Requirements:** This component of cost includes, in general, any ongoing capital improvements (capital outlay) to be financed from revenues, any ongoing system renewals and replacements, and any distributions to the City of Fort Pierce.

PRINCIPAL ASSUMPTIONS AND CONSIDERATIONS

The projected cash revenue requirements for the water and wastewater on page 27 and 28 as shown in Tables 2 and 3, respectively, reflect certain assumptions, considerations and analyses. The major assumptions, considerations and analyses that are included in the projected revenue requirements, are as follows:

1. The proposed Fiscal Year 2007 Budget associated with the operation of the water and wastewater systems serves as the basis for the expenditure projections through Fiscal Year 2011. Unless otherwise noted, the underlying assumptions and expenditure amounts included therein are assumed to be reasonable and reflect anticipated operations. Such budgetary amounts are incorporated into the revenue requirement component of the study, except for adjustments and assumptions as noted hereunder.
2. Projected revenues from current water and wastewater rates for the Authority’s System are based on the schedule of rates as adopted in Fiscal Years 2001 and 2003, respectively. Such rates were applied to the customer and sales or usage forecast previously discussed in this report to estimate future revenues above existing levels in the 2007 Budget. The following reflects a summary of estimated future water and wastewater rate revenues:

	Projected Rate Revenues				
	2007	2008	2009	2010	2011
Water System [1]	\$11,892,700	\$12,313,702	\$12,942,932	\$13,504,655	\$13,916,547
Wastewater System [2]	<u>10,125,079</u>	<u>10,646,521</u>	<u>11,413,070</u>	<u>12,088,724</u>	<u>12,580,735</u>
Total Rate Revenues	<u>\$22,017,779</u>	<u>\$22,960,223</u>	<u>\$24,356,002</u>	<u>\$25,593,379</u>	<u>\$26,497,282</u>

[1] Amounts derived from Table 2 on page 27 and reflect estimated revenues at existing rates.
 [2] Amounts derived from Table 3 on page 28 and reflect estimated revenues at existing rates.

3. The forecast of operations and maintenance expenditures begins with a cost allocation of administrative and management expenses to the individual operations of the Authority that includes electric, water, wastewater, and natural gas. The indirect costs include management services, legal, human resources, finance and accounting finance and accounting, communications, and customer service. Table 4 beginning on page 29 provides

a detailed allocation of these costs to the water and wastewater systems. Since the costs of the Director of Water and Wastewater Systems Department and the Water and Wastewater Engineering Department are shared between the water and wastewater systems, such costs are included in the allocation of indirect costs shown in Table 4 beginning on page 29. Although each department is allocated to each system individually, on average, it is estimated that the water system will fund approximately 29% of all charges incurred by these departments while the wastewater system will fund approximately 23% of such charges. The remaining charges are then shared by the electric and natural gas systems as appropriate. The water and wastewater systems' share of such indirect costs are reflected in Tables 5 and 6, respectfully, beginning on page 41, and further includes twelve (12) new full-time positions for these supporting departments during the study. The following reflects other changes and/or considerations made to budgeted operating and maintenance expenditures for the forecast period.

- a. The proposed Fiscal Year 2007 operating expenditures such as professional services, other contractual services, and certain other indirect expenses are projected to increase from current proposed levels at an annual rate of inflation equal to approximately 2.5%. The forecast of inflation is based on a review of the Consumer Price Index (CPI) forecast Prepared by the Congressional Budget office and other economic indicators.
- b. The proposed Fiscal Year 2007 operating expenditures, which have a direct correlation to customer growth, usage, and demand such as utility and chemical charges, operating supplies and tools, and other direct expenditures are projected to increase over the forecast period on a combined growth and inflationary basis, Table 7 on page 47 provides the water and wastewater escalation factors for combined growth and inflation.
- c. The proposed Fiscal Year 2007 salaries and wages and other personnel benefits are increased by approximately 5.0% annually to reflect increases due to cost of living adjustments and allowances for salary adjustments such as promotions and merit increases. Additionally, the Authority plans to hire additional staff during the study period and, based on information provided by Authority staff, it is assumed that most new positions will be on-line by Fiscal Year 2009. The following is a summary of new positions planned and the associated salary and benefits anticipated for the study period:

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New Personnel Additions – Water System [1]

Description	No. Personnel	2007	2008	2009	2010	2011
Allocated Management Expenses [2]						
Director of Utilities	1	\$0	\$15,426	\$32,395	\$34,015	\$35,716
Human Resources	1	0	11,258	23,643	24,825	26,066
Internal Auditing Risk						
Management	1	0	12,515	26,281	27,595	28,975
Finance	2	0	19,284	40,497	42,522	44,648
Communications	1	0	11,000	23,101	24,256	25,468
Customer Service	<u>6</u>	<u>0</u>	<u>44,330</u>	<u>93,093</u>	<u>97,748</u>	<u>102,635</u>
subtotal	12	0	113,813	239,010	250,961	263,508
Water and Wastewater Engineering	<u>5</u>	<u>0</u>	<u>102,501</u>	<u>215,252</u>	<u>226,014</u>	<u>237,315</u>
Total Allocated Management Expenses	17	0	216,315	454,261	476,974	500,823
Water Resources	5	0	165,415	347,372	364,741	382,978
Water and Wastewater Operations [2]	<u>12</u>	<u>0</u>	<u>183,832</u>	<u>386,047</u>	<u>405,349</u>	<u>425,617</u>
Total [3]	<u>34</u>	<u>\$0</u>	<u>\$565,562</u>	<u>\$1,187,680</u>	<u>\$1,247,064</u>	<u>\$1,309,418</u>

[1] Amounts based on a space needs and analysis as prepared by Authority staff and it was assumed that new personnel will start coming online during Fiscal Year 2008 and all personnel are anticipated to be in place by Fiscal Year 2009.

[2] Salary and benefits amounts reflect only the water systems pro rata share of such new costs based on allocation factors as provided by the Authority.

[3] Amounts reflect additional salaries and benefits above existing budgeted levels recognized for the water system during the study period.

New Personnel Additions – Wastewater System [1]

Description	No. Personnel	2007	2008	2009	2010	2011
Allocated Management Expenses [2]						
Director of Utilities	1	\$0	\$12,096	\$25,402	\$26,672	\$28,006
Human Resources	1	0	7,284	15,296	16,061	16,864
Internal Auditing Risk						
Management	1	0	9,813	20,608	21,638	22,720
Finance	2	0	15,121	31,754	33,342	35,009
Communications	1	0	8,626	18,114	19,020	19,970
Customer Service	<u>6</u>	<u>0</u>	<u>34,760</u>	<u>72,996</u>	<u>76,646</u>	<u>80,478</u>
subtotal	12	0	87,700	184,170	193,379	203,047
Water and Wastewater Engineering	<u>5</u>	<u>0</u>	<u>102,501</u>	<u>215,252</u>	<u>226,014</u>	<u>237,315</u>
Total Allocated Management Expenses	17	0	190,201	399,422	419,393	440,363
Wastewater Systems [3]	14	0	0	277,958	1,021,495	1,072,569
Water and Wastewater Operations [2]	<u>12</u>	<u>0</u>	<u>161,717</u>	<u>339,605</u>	<u>356,585</u>	<u>374,415</u>
Total [4]	<u>43</u>	<u>\$0</u>	<u>\$351,918</u>	<u>\$1,016,985</u>	<u>\$1,797,473</u>	<u>\$1,887,347</u>

[1] Amounts based on a space needs and analysis as prepared by Authority staff and it was assumed for most departments that new personnel will start coming online during Fiscal Year 2008 and most personnel are anticipated to be in place by Fiscal Year 2009.

[2] Salary and benefits amounts reflect only the wastewater systems pro rata share of such new costs based on allocation factors as provided by the Authority.

[3] The new personnel anticipated for the planned mainland WRF are estimated to be hired beginning in Fiscal Year 2009 with the remaining staff coming on-line with the plant in Fiscal Year 2010.

[4] Amounts reflect additional salaries and benefits above existing budgeted levels recognized for the wastewater system during the study period.

- d. The proposed Fiscal Year 2007 general liability and property insurance costs are assumed to increase 5.0% annually, while the employee-related insurance costs are assumed to increase 10.0% annually. These relatively high escalation factors reflect anticipated adjustments identified by Authority staff.
 - e. The proposed Fiscal Year 2007 Budget was reduced for the water and wastewater systems for depreciation expenses since such charges are non-cash transactions. Although these items were removed from net revenue requirements, our analysis incorporates capital replacement charges on a pay-as-you-go basis or cash basis, which will be discussed in more detail during the projection of capital expenditures.
 - f. The proposed Fiscal Year 2007 Budget has been adjusted for possible contingency costs equal to 2.5% of anticipated operation and maintenance expenditures. This is consistent with the Authority's current budgeting policies and the remaining forecast periods also reflect this contingency to account for unforeseen expenditures.
4. The Authority addresses its capital expenditure requirements in its Five-Year Capital Improvement Program (CIP) for Fiscal Years 2007 through 2011. The CIP totals approximately \$111.3 million and includes a few projects that were originally planned in Fiscal Year 2006, but that should be completed and expended in 2007. The major projects anticipated to be completed during the study period include the following:
- a. System upgrades and expansions – Includes the Mainland WRF;
 - b. Line expansions, relocations and replacements; and
 - c. Replacement of equipment.

The above projects are shown in detail in Table 8 beginning on page 48. A summary of project totals and the estimated funding sources for the capital expenditures are shown below:

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Capital Improvement Program [1]						
Description	2007	2008	2009	2010	2011	Total
Capital Projects						
Water System	\$8,543,797	\$8,864,988	\$4,061,259	\$4,089,133	\$4,274,600	\$29,833,777
Wastewater System	<u>23,648,800</u>	<u>35,065,266</u>	<u>18,888,464</u>	<u>1,873,849</u>	<u>2,017,711</u>	<u>81,494,090</u>
Total Capital Projects	<u>\$32,192,597</u>	<u>\$43,930,254</u>	<u>\$22,949,723</u>	<u>\$5,962,982</u>	<u>\$6,292,311</u>	<u>\$111,327,867</u>
Funding Sources						
Operating Resources	\$626,203	\$0	\$0	\$0	\$0	\$626,203
Rate Revenues (R&R)	2,885,500	2,923,254	3,138,123	3,338,222	3,549,561	15,834,660
Grant & MSBU	9,632,829	0	0	0	0	9,632,829
Water Capital Improvement Charges[2]	106,500	1,663,500	2,184,000	2,282,400	2,385,000	9,621,400
Wastewater Capital Improvement Charges [3]	3,501,800	2,013,500	327,600	342,360	357,750	6,543,010
Proposed Series 2007 Bonds [3]	<u>14,439,765</u>	<u>37,330,000</u>	<u>17,300,000</u>	<u>0</u>	<u>0</u>	<u>69,069,765</u>
Total Funding Sources	<u>\$32,192,597</u>	<u>\$43,930,254</u>	<u>\$22,949,723</u>	<u>\$5,962,982</u>	<u>\$6,292,311</u>	<u>\$111,327,867</u>

[1] Amounts derived from Table 8 beginning on page 48. Based on information provided by the Authority, most capital expenditures were already projected in future (inflated) dollars. For those projects reflected in 2007 dollars, an index of approximately 4.5% per year was used to estimate future construction costs.

[2] Amounts are based on recently proposed Capital Improvements Charges to be collected from new growth as a one-time charge for water and wastewater service.

[3] Reflects amounts anticipate to be debt funded by the Authority to pay for system expansions, upgrades, and improvements.

5. The Authority currently maintains several long-term liabilities allocated to the water system that average approximately \$2.2 million in principal and interest payments annually. The Authority also maintains several long-term liabilities allocated to the wastewater system that average approximately \$2.0 million in principal and interest payments annually. Tables 9 and 10 beginning on page 51 provide a detailed listing of the debt service payment for the water and wastewater systems.
6. Based on discussions with Authority staff, the Authority plans to issue additional long-term debt to i) reimburse Fiscal Year 2006 capital expenditures that were paid in cash; and ii) to fund a portion of the Five-Year Capital Improvement Program. For the purposes of this financial forecast, the following proposed debt instruments shown below were assumed to meet the Authority's cash and capital objectives:
 - a. Proposed 2007 Reimbursement Loan from FMPA – \$3.9 million
 - i. Recover Fiscal Year 2006 capital projects paid with operating cash
 - ii. Issuance date estimated at October 1, 2006
 - iii. 6.0% interest for 20 years
 - iv. \$345,687 Annual debt service
 - Water System – 73% or \$252,559
 - Wastewater System – 27% or \$93,128

- b. Proposed Series 2007 Bonds - \$78.7 million
 - i. Issuance date estimated at January 1, 2007
 - ii. 18 months Capitalized Interest
 - iii. 5.5% Interest for 30 years
 - iv. \$5,532,138 Annual Debt service
 - Water System – 13% or \$739,094
 - Wastewater System – 87% or \$4,793,044
- 7. The Authority collects Capital Improvement Charges from new development as a one-time charge to connect to the water and wastewater systems. Such revenues are restricted for payment of growth related capital projects allocated for future customers and/or debt service associated with portions of facilities allocated and reserved for future growth. The Capital Improvement Charge revenues included in this study reflect the recently proposed amounts contained in the study report dated September 25, 2006. In addition to preparing revised Capital Improvement Charges, PRMG proposed a new charge to be collected from future growth that reflects the Authority’s cost recovery of reserved capacity in advance of growth. New development shall begin paying Accrued Guaranteed Revenue Charges (AGRCs) when Capital Improvement Charges are due. The AGRCs are considered an unrestricted operating revenue and are used to reduce the total net revenue requirements due from existing rates. Table 11 beginning on page 53 provides a summary of estimated Capital Improvement Charge and AGRC Revenues for the study period.
- 8. The Authority also earns other operating revenues and non-operating revenues for specific customer service requests or needs. These other revenue sources reduce the revenue requirements needed from monthly rates. Table 12 on page 56 provides a listing of miscellaneous charges projected for the study period. Such revenues average approximately \$397,000 per year for the water system and \$751,000 per year for the wastewater system, and were used to reduce costs to existing customers.
- 9. As defined in Article XII, Section 178(d) of the City Charter of the City of Fort Pierce, Florida, the Authority is required to pay a six percent (6%) distribution to the City. The distribution is expensed in the year the cash payment is made, while the calculation of the required distribution is based upon the preceding fiscal year’s audited financial statements. The required payment reflects six percent (6%) of system gross revenues as adjusted for capital improvement charges and sanitation charges. Table 13 on page 57 provides a detailed calculation of the estimated annual distribution to the City. The following table reflects a summary of the estimated payments:

Water – Projected Distribution to the City of Fort Pierce [1]

Description	2007	2008	2009	2010	2011
Prior Year Estimated Adjusted Gross Revenue [2]	\$12,027,518	\$13,701,148	\$16,037,352	\$17,211,846	\$18,360,783
Percent of Transfers	6%	6%	6%	6%	6%
Projected Distribution to the City	<u>\$756,865</u>	<u>\$822,069</u>	<u>\$962,241</u>	<u>\$1,032,711</u>	<u>\$1,101,647</u>

[1] Amounts derived from Table 13 on page 57 at the end of this report.

[2] Amount including adjustments for capital improvement charge and sanitation charges.

Wastewater – Projected Distribution to the City of Fort Pierce [1]

Description	2007	2008	2009	2010	2011
Prior Year Estimated Adjusted Gross Revenue [2]	\$10,366,586	\$12,085,487	\$14,267,470	\$16,805,456	\$19,307,231
Percent of Transfers	6%	6%	6%	6%	6%
Projected Distribution to the City	<u>\$623,474</u>	<u>\$725,129</u>	<u>\$856,048</u>	<u>\$1,008,327</u>	<u>\$1,158,434</u>

[1] Amounts derived from Table 13 on page 57 at the end of this report.

[2] Amount including adjustments for capital improvement charge and sanitation charges.

Based on the existing Bond Resolution that governs the Authority's existing debt coverage requirements, the Authority's distribution to the City may be limited to 40% of the revenue fund cash balance before payments for capital outlay and working capital needs. No such limitation was anticipated during the study period assuming all proposed rate increases are adopted.

Water and Wastewater System Revenue Requirements Summary

The projected net revenue requirements through Fiscal Year 2011 for the Authority's water system that are estimated to be recovered from user rates or charges are summarized below:

Fiscal Year Revenue Requirements - Water System [1]

	2007	2008	2009	2010	2011
<u>Water System</u>					
Total Operating Expenses	\$9,385,284	\$10,483,912	\$11,704,582	\$12,368,256	\$13,039,157
Existing Debt Service	\$2,376,422	\$2,453,000	\$2,108,455	\$2,107,361	\$2,100,651
Additional Debt Service	252,559	397,158	991,652	991,652	991,652
Less Amount Paid by Capital Improvement Charges	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Debt Service	2,628,981	2,850,159	3,100,107	3,099,013	3,092,303
Capital Funded from Rates/R&R and Other Deposits	\$1,518,500	\$1,651,488	\$1,727,259	\$1,806,733	\$1,889,600
Distribution to City	<u>756,865</u>	<u>822,069</u>	<u>962,241</u>	<u>1,032,711</u>	<u>1,101,647</u>
Total Water Expenditures/Transfers	\$14,289,630	\$15,807,628	\$17,494,189	\$18,306,713	\$19,122,708
Less Income and Funds from Other Sources	<u>(407,851)</u>	<u>(617,621)</u>	<u>(596,851)</u>	<u>(589,461)</u>	<u>(538,230)</u>
Net Revenue Required from Rates	<u>\$13,881,779</u>	<u>\$15,190,006</u>	<u>\$16,897,338</u>	<u>\$17,717,252</u>	<u>\$18,584,478</u>

[1] Derived from Table 2 on page 27 at the end of this report.

As can be seen in the above summary, the estimated net revenue requirements for the water system for the five (5) years beginning with the Fiscal Year 2007 are anticipated to increase by approximately 33.9% or approximately \$1.2 million per year on average. The primary reasons for these increases are: i) continued inflationary increases in operating expenses; ii) the additional debt service associated with capital improvements; and iii) funding requirements for continued departmental capital needs for vehicles and equipment and water system asset renewal and replacements.

The corresponding net revenue requirements through Fiscal Year 2011 for the wastewater system are summarized as follows:

	Fiscal Year Revenue Requirements - Wastewater System [1]				
	2007	2008	2009	2010	2011
<u>Wastewater System</u>					
Total Operating Expenses	\$7,787,366	\$8,596,336	\$9,793,329	\$11,553,158	\$12,183,761
Existing Debt Service	\$2,265,226	\$2,264,856	\$1,747,517	\$1,746,576	\$1,754,198
Additional Debt Service	93,128	1,030,860	4,886,172	4,886,172	4,886,172
Less Amount Paid by Capital Improvement Charges	<u>0</u>	<u>(1,000,000)</u>	<u>(2,000,000)</u>	<u>(2,000,000)</u>	<u>0</u>
Total Debt Service	2,358,354	2,295,716	4,633,689	4,632,748	6,640,369
Capital Funded from Rates/R&R and Other Deposits	\$1,367,000	\$1,271,766	\$1,410,864	\$1,531,489	\$1,659,961
Distribution to City	<u>623,474</u>	<u>725,129</u>	<u>856,048</u>	<u>1,008,327</u>	<u>1,158,434</u>
Total Water Expenditures/Transfers	\$12,136,194	\$12,888,947	\$16,693,930	\$18,725,723	\$21,642,525
Less Income and Funds from Other Sources	<u>(968,903)</u>	<u>(1,406,131)</u>	<u>(945,223)</u>	<u>(824,667)</u>	<u>(782,318)</u>
Net Revenue Required from Rates	<u>\$11,167,292</u>	<u>\$11,482,817</u>	<u>\$15,748,707</u>	<u>\$17,901,055</u>	<u>\$20,860,207</u>

[1] Derived from Table 3 on page 28 at the end of this report.

As can be seen in the above summary, the estimated net revenue requirements for the wastewater system for the five (5) years beginning with the Fiscal Year 2007 are anticipated to increase by approximately 86.8% or approximately \$2.4 million per year on average. The primary reasons for these increases are: i) continued inflationary increases in operating expenses; ii) the additional debt service associated with capital improvement; iii) funding requirements for continued departmental capital needs for vehicles, equipment, and wastewater system asset renewal and replacements; and iv) incremental operating expenditures and debt service payments associated with Phase I of the Mainland WRF.

Adequacy of Existing Utility Rate Revenues

As shown on Table 2 on page 27, based on the forecast of sales and revenues for the water system and the assumptions and considerations set forth herein with respect to the estimation of water system revenue requirements, the existing water rate revenue deficiency for the study period is anticipated to be as follows:

	Fiscal Year Ending September 30,				
	2007	2008	2009	2010	2011
Water System [1]					
Net Revenue Requirements from Retail Rates	\$13,881,779	\$15,190,006	\$16,897,338	\$17,717,252	\$18,584,478
Water Rate Revenue From Existing Rates (Projected)	<u>11,892,700</u>	<u>12,313,702</u>	<u>12,942,932</u>	<u>13,504,655</u>	<u>13,916,547</u>
Estimated Surplus/(Deficiency) Under Existing Rates	(1,989,079)	(2,876,304)	(3,954,406)	(4,212,597)	(4,667,931)
System-Wide Rate Adjustments Proposed [2]	12.0%	12.0%	2.5%	2.5%	2.5%
Proposed Implementation Date	Jan. 1	Oct. 1	Oct. 1	Oct. 1	Oct. 1
Additional Revenue From Prior-Year Rate Increases	0	1,477,600	3,292,700	3,859,100	4,424,100
Additional Revenue From Current Year Rate Adjustments	<u>1,427,124</u>	<u>1,654,956</u>	<u>405,891</u>	<u>434,094</u>	<u>458,516</u>
Total Water Rate Revenue	\$13,319,824	\$15,446,258	\$16,641,523	\$17,797,849	\$18,799,163
Estimated Revenue Surplus/(Deficiency) Under Proposed Rate Implementation [3]	<u>(\$561,955)</u>	<u>\$256,251</u>	<u>(\$255,816)</u>	<u>\$80,597</u>	<u>\$214,685</u>

[1] Derived from Table 2 on page 27 at the end of this report.
 [2] Proposed system-wide rate increases.
 [3] Estimated Surplus/Deficiencies assume rate adjustments are implemented.

As shown above for the water system, a 12.0% system-wide water rate increase is proposed for bills rendered on or after January 1, 2007. Subsequent rate adjustments that are needed to meet future revenue requirements are also recommended for implementation at October 1 of each fiscal year. The Authority should review rates in approximately two years in order to assess the actual level of future rate adjustments necessary.

As shown on Table 3 page 28, based on the forecasted growth of the wastewater system and the assumptions and considerations set forth herein with respect to the estimation of wastewater system expenditures, the existing wastewater rate revenue deficiency in the study period is anticipated to be as follows:

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	Fiscal Year Ending September 30,				
	2007	2008	2009	2010	2011
Wastewater System [1]					
Net Revenue Requirements from Retail Rates	\$11,167,292	\$11,482,817	\$15,748,707	\$17,901,055	\$20,860,207
Wastewater Rate Revenue From Existing Rates (Projected)	<u>10,125,079</u>	<u>10,646,521</u>	<u>11,413,070</u>	<u>12,088,724</u>	<u>12,580,735</u>
Estimated Surplus/(Deficiency) Under Existing Rates	(1,042,213)	(836,296)	(4,335,637)	(5,812,331)	(8,279,472)
System-Wide Rate Adjustments Proposed [2]	10.0%	10.0%	15.0%	10.0%	9.5%
Proposed Implementation Date	Jan. 1	Oct. 1	Oct. 1	Oct. 1	Oct. 1
Additional Revenue From Prior-Year Rate Increases	0	1,064,700	2,396,700	4,732,700	6,676,000
Additional Revenue From Current Year Rate Adjustments	<u>1,012,508</u>	<u>1,171,122</u>	<u>2,071,466</u>	<u>1,682,142</u>	<u>1,829,390</u>
Total Wastewater Rate Revenue	\$11,137,587	\$12,882,343	\$15,881,236	\$18,503,566	\$21,086,125
Estimated Revenue Surplus/(Deficiency) Under Proposed Rate Implementation [3]	<u>(\$29,705)</u>	<u>\$1,399,526</u>	<u>\$132,528</u>	<u>\$602,511</u>	<u>\$225,918</u>

[1] Derived from Table 3 on page 28 at the end of this report.

[2] Proposed system-wide rate increases.

[3] Estimated Surplus/Deficiencies assume rate adjustments are implemented.

As shown above, the rate adjustments needed to meet the future revenue requirements for the wastewater system reflect a 10.0% system-wide wastewater rate increase that is proposed for bills rendered on or after January 1, 2007. Subsequent rate adjustments are also recommended at October 1 of each fiscal year. The Authority should review rates in approximately two years in order to assess the actual level of future rate adjustments necessary.

Debt Service Compliance and Fund Balances

The Authority must ensure that its user rates achieve a minimum debt service coverage ratio of 1.25 for its existing and proposed debt, if any, during each fiscal year. This requirement is governed by the Authority's Bond Resolution and is calculated as the ratio of gross system revenues less operating expenditures to debt service payments. Thus, for each dollar (\$1.00) of annual debt service payments, the rates must produce one dollar and twenty-five cents (\$1.25) of net revenues available to pay such debt service. Based on the proposed system-wide rate increases for the water and wastewater systems and the assumptions and considerations outlined in this report, the following summarizes the estimated debt service coverage calculations for Fiscal Years 2007 to 2011 based on the proposed rate increases.

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Debt Service Coverage – Electric System [1]		
	Calculated Coverage	Required Coverage
2007	1.83	1.25
2008	1.93	1.25
2009	1.31	1.25
2010	1.45	1.25
2011	1.69	1.25

[1] Amounts derived from Table 14 on page 60, and reflect the results for the water and wastewater systems only as compared to both existing and proposed debt service payments.

The results shown above reflect the estimated debt service coverage on a stand-alone basis for the water and wastewater systems. Based on the Bond Resolution, the Authority is required to achieve this requirement on a combined system basis for the gas, electric, water and wastewater systems. Since we have not reviewed the Authority's Natural Gas System rates as of the date of this report, we cannot present an estimated combined system coverage result.

An additional financial obligation of Authority's management is to ensure adequate working capital and emergency cash reserves are maintained for the System. During Fiscal Year 2006, the Authority significantly spent down its operating reserve cash balances to pay for capital projects, such amount is anticipated to be recovered through a reimbursement loan discussed previously; however, the Authority will need to begin replenishing working capital that was spent. The Authority has targeted for the purposes of this rate study, a minimum unrestricted cash balance for the study period of 45 days of operating expenditures. Based upon the anticipated adoption of the proposed rate increases outlined in the report, the following summarizes the System's estimated cash balances at the end of each fiscal year:

Fund Description	Projected Cash Balances as of September 30, [1]				
	2007	2008	2009	2010	2011
Operating Fund [2]	\$3,153,174	\$6,408,951	\$6,285,664	\$6,968,771	\$7,409,375
Emergency Reserve Fund	597,749	597,749	597,749	597,749	597,749
Customer Deposits Fund	971,938	971,938	971,938	971,938	971,938
Water Capital Improvement Charge Fund [3]	3,163,399	3,968,381	3,446,773	2,354,502	595,309
Wastewater Capital Improvement Charge Fund [3]	636,867	1,331,298	1,482,137	911,339	1,494,821
Proposed Construction Fund [4]	<u>54,630,000</u>	<u>17,300,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Cash (Year-End)	<u>\$63,153,127</u>	<u>\$30,578,317</u>	<u>\$12,784,261</u>	<u>\$11,804,299</u>	<u>\$11,069,192</u>
Days of O&M Calculated	67	123	107	106	107
Days of O&M Preferred	45	45	45	45	45

[1] Amounts based on the adoption of the proposed rate increases outlined in this report.

[2] Amount reflects unrestricted cash of the System to be used for any lawful purpose. All other funds have restricted uses.

[3] Balances based on the proposed Capital Improvement Charge study completed on September 25, 2006.

[4] Amounts reflect proceeds from the proposed Series 2007 Bonds less projects completed to date.

Existing and Proposed Rates

Based on the customer forecast, the project net revenue requirements of the water and wastewater systems, and the study's goals and objectives, the following tabulation reflects the proposed water and wastewater rates for Fiscal Year 2007 through 2011:

Existing and Proposed Retail Rates – Water Customers							
Monthly Customer Charge [1]							
Meter Size	Gallons Included in Minimum	Existing Rates	Proposed Rates [2]				
			2007	2008	2009	2010	2011
5/8 x 3/4 Inch	3,000	\$16.40	\$18.37	\$20.57	\$21.08	\$21.61	\$22.15
1 Inch	6,000	37.29	41.76	46.77	47.94	49.14	50.37
1 1/2 Inch	12,000	74.59	83.54	93.56	95.90	98.30	100.76
2 Inch	18,000	116.45	130.42	146.07	149.72	153.46	157.30
3 Inch	38,000	237.72	266.25	298.20	305.66	313.30	321.13
4 Inch	52,000	353.83	396.29	443.84	454.94	466.31	477.97
6 Inch	105,000	710.05	795.26	890.69	912.96	935.78	959.17
8 Inch	180,000	1,164.53	1,304.27	1,460.78	1,497.30	1,534.73	1,573.10
10 Inch	240,000	1,629.52	1,825.06	2,044.07	2,095.17	2,147.55	2,201.24

Volumetric Charge – \$ per 1,000 Gallons [1]							
	Existing Rates	Proposed Rates [2]					
		2007	2008	2009	2010	2011	
Residential and General Service							
Customers with 5/8 x 3/4 Inch Meters:							
	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum
First 3,000 Gallons							
3,001 - 10,000 Gallons	\$2.37	\$2.65	\$2.97	\$3.04	\$3.12	\$3.20	\$3.20
10,001 - 15,000 Gallons	2.96	3.31	3.71	3.80	3.90	4.00	4.00
Over 15,000 Gallons	3.56	3.98	4.46	4.56	4.68	4.80	4.80
All Other Residential and General Service Customers							
	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum
Minimum Gallons							
Amounts Above Minimum Gallons	\$2.37	\$2.65	\$2.97	\$3.04	\$3.12	\$3.20	\$3.20
Irrigation-Only Customers							
	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum	Included in Minimum
Minimum Gallons							
Minimum Gallons - 10,000 Gallons	\$2.37	\$2.65	\$2.97	\$3.04	\$3.12	\$3.20	\$3.20
10,001 - 15,000 Gallons	2.96	3.31	3.71	3.80	3.90	4.00	4.00
Over 15,000 Gallons	5.03	5.62	6.30	6.45	6.62	6.79	6.79

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Existing and Proposed Retail Rates – Wastewater Customers

Monthly Customer Charge [1]							
Meter Size	Gallons Included in Minimum	Existing Rates	Proposed Rates [2]				
			2007	2008	2009	2010	2011
5/8 x 3/4 Inch	None	\$11.09	\$12.20	\$13.42	\$15.43	\$16.97	\$18.58
1 Inch	None	27.78	30.56	33.62	38.66	42.53	46.57
1 1/2 Inch	None	55.55	61.11	67.22	77.30	85.03	93.11
2 Inch	None	88.94	97.83	107.61	123.75	136.13	149.06
3 Inch	None	177.87	195.66	215.23	247.51	272.26	298.12
4 Inch	None	277.89	305.68	336.25	386.69	425.36	465.77
6 Inch	None	555.78	611.36	672.50	773.38	850.72	931.54
8 Inch	None	889.29	978.22	1,076.04	1,237.45	1,361.20	1,490.51
10 Inch	None	1,278.36	1,406.20	1,546.82	1,778.84	1,956.72	2,142.61

Volumetric Charge – \$ per 1,000 Gallons [1]

Volumetric Charge per 1,000 Gallons [3]	Existing Rates	Proposed Rates [2]				
		2007	2008	2009	2010	2011
	\$3.97	\$4.37	\$4.81	\$5.53	\$6.08	\$6.66

[1] Amount derived from Table 15 beginning on page 62 and reflects rates for Inside-City services. Customers outside the City limits are charged a 25% surcharge in addition to the rates above.

[2] Amounts proposed for Fiscal Year 2007 to be effective January 1 with subsequent increases on October 1 of each fiscal year.

[3] The volumetric charge for individually metered (water metered) single-family Residential accounts shall be limited to 10,000 gallons per month.

The proposed water and wastewater rates shown above reflect the proposed system-wide rate increases discussed previously, which were applied evenly to all rate classes. For Fiscal Year 2007, it is estimated that the average residential water bill based on 6,500 gallons of metered water use will increase from \$24.70 per month to \$27.65 or 12%. The corresponding wastewater bill is estimated to increase from \$36.90 per month to \$40.61 or 10%. Therefore, the proposed combined average water and wastewater bill will be approximately \$68.25, which is comparable to similar charges by neighboring jurisdictions. Tables 16 to 19 beginning on page 66, provide a detailed comparison of the Authority's existing and proposed water and wastewater rates to these of other Florida utilities.

In addition to the proposed water and wastewater rates for active customer accounts, it is also recommended that the Authority adopt monthly charges for inactive accounts that represent a readiness-to-serve charge. Such amounts typically reflect the monthly customer charge without any minimum gallons considered. The following inactive account (readiness-to-serve) charges are proposed for consideration and would be due from all inactive accounts, whether disconnection was voluntary or involuntary:

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Proposed Inactive Account (Readiness-to-Serve) Charges – Water System

Monthly Inactive Account (Readiness-to-Serve) Charge [1]							
			Proposed Rates [3]				
Meter Size	Gallons Included in Minimum	Proposed at Existing Rate Levels [2]	2007	2008	2009	2010	2011
5/8 x 3/4 Inch	None	\$9.29	\$10.40	\$11.65	\$11.94	\$12.24	\$12.55
1 Inch	None	23.07	25.84	28.94	29.66	30.40	31.16
1 1/2 Inch	None	46.15	51.69	57.89	59.34	60.82	62.34
2 Inch	None	73.79	82.64	92.56	94.87	97.24	99.67
3 Inch	None	147.66	165.38	185.23	189.86	194.61	199.48
4 Inch	None	230.59	258.26	289.25	296.48	303.89	311.49
6 Inch	None	461.20	516.54	578.52	592.98	607.80	623.00
8 Inch	None	737.93	826.48	925.66	948.80	972.52	996.83
10 Inch	None	1,060.72	1,188.01	1,330.57	1,363.83	1,397.93	1,432.88

Proposed Inactive Account (Readiness-to-Serve) Charges – Wastewater System

Monthly Inactive Account (Readiness-to-Serve) Charge [1]							
			Proposed Rates [3]				
Meter Size	Gallons Included in Minimum	Proposed at Existing Rate Levels [2]	2007	2008	2009	2010	2011
5/8 x 3/4 Inch	None	\$11.09	\$12.20	\$13.42	\$15.43	\$16.97	\$18.58
1 Inch	None	27.78	30.56	33.62	38.66	42.53	46.57
1 1/2 Inch	None	55.55	61.11	67.22	77.30	85.03	93.11
2 Inch	None	88.94	97.83	107.61	123.75	136.13	149.06
3 Inch	None	177.87	195.66	215.23	247.51	272.26	298.12
4 Inch	None	277.89	305.68	336.25	386.69	425.36	465.77
6 Inch	None	555.78	611.36	672.50	773.38	850.72	931.54
8 Inch	None	889.29	978.22	1,076.04	1,237.45	1,361.20	1,490.51
10 Inch	None	1,278.36	1,406.20	1,546.82	1,778.84	1,956.72	2,142.61

Footnotes on following page.

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- [1] Amount derived from Table 19 beginning on page 69 and reflects rates for Inside-City services. Customers outside the City limits are charged a 25% surcharge in addition to the rates above.
 [2] Amount estimated at existing rate levels without implied water consumption as follows:

Water System				
Meter	Existing Base Charge	Included Usage	Rate per Usage	Implied Base Charge
5/8"	\$16.40	3	\$2.37	\$9.29
1.0"	37.29	6	2.37	23.07
1.5"	74.59	12	2.37	46.15
2.0"	116.45	18	2.37	73.79
3.0"	237.72	38	2.37	147.66
4.0"	353.83	52	2.37	230.59
6.0"	710.05	105	2.37	461.20
8.0"	1,164.53	180	2.37	737.93
10.0"	1,629.52	240	2.37	1,060.72

Wastewater System				
Meter	Existing Base Charge	Included Usage	Rate per Usage	Implied Base Charge
5/8"	\$11.09	0	\$3.97	\$11.09
1.0"	27.78	0	2.37	27.78
1.5"	55.55	0	2.37	55.55
2.0"	88.94	0	2.37	88.94
3.0"	177.87	0	2.37	177.87
4.0"	277.89	0	2.37	277.89
6.0"	555.78	0	2.37	555.78
8.0"	889.29	0	2.37	889.29
10.0"	1,278.36	0	2.37	1,278.36

- [3] Amounts proposed for Fiscal Year 2007 to be effective January 1 with subsequent increases on October 1 of each fiscal year.

CONCLUSIONS AND RECOMMENDATIONS

Based on our studies, assumptions, considerations, and analyses as summarized herein, we are of the opinion that:

1. The Authority’s existing rates for water and wastewater will not recover the projected revenue requirements for the fiscal years ending September 30, 2007 through 2011.
2. The Authority should consider adopting the schedule of proposed water and wastewater rates effective beginning January 1, 2007. The proposed rates are anticipated to meet the projected revenue requirements through Fiscal Year 2011. The revenue requirements include operation and maintenance expenditures, the funding of capital improvements, and the payment of debt service on the Authority’s existing and anticipated debt service.
3. The Authority should consider adopting an inactive account (Readiness-to-serve) charge for the water and wastewater systems based on the proposed schedule of charges through Fiscal Year 2011.
4. The Authority should reevaluate its rates in two (2) years to assess any future rate needs.
5. The proposed rates produce monthly water and wastewater bills that are comparable with those of neighboring utilities.

Table 1
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Historical and Projected Customer Growth and Usage Forecast - Summary

Line No.	Description	Historical Fiscal Years Ending September 30,			Estimated 2006	Projected Fiscal Years Ending September 30,					
		2003	2004	2005		2007	2008	2009	2010	2011	
WATER SYSTEM											
<u>Residential</u>											
Residential - Inside											
1	Total Account Growth	N/A	88	327	681	627	995	959	469	436	
2	Total ERC Growth	1.0	N/A	88	327	681	627	995	959	469	436
3	Annual Average Accounts		10,193	10,271	10,344	10,685	11,339	12,150	13,127	13,841	14,293
4	Annual Average ERCs		10,193	10,271	10,344	10,685	11,339	12,150	13,127	13,841	14,293
5	Average Monthly Usage per Account		6,397	6,437	6,707	6,500	6,500	6,500	6,500	6,500	6,500
6	Total Annual Usage (000 Gallons)		782,482	793,334	832,532	833,391	884,403	947,661	1,023,867	1,079,559	1,114,854
Residential - Outside											
7	Total Account Growth	N/A	129	(77)	168	174	1,012	1,372	1,254	937	
8	Total ERC Growth	1.0	N/A	129	(77)	168	174	1,012	1,372	1,254	937
9	Annual Average Accounts		2,961	3,083	3,125	3,209	3,380	3,973	5,165	6,478	7,574
10	Annual Average ERCs		2,961	3,083	3,125	3,209	3,380	3,973	5,165	6,478	7,574
11	Average Monthly Usage per Account		5,261	5,316	5,638	5,500	5,500	5,500	5,500	5,500	5,500
12	Total Annual Usage (000 Gallons)		186,934	196,669	211,433	211,794	223,080	262,218	340,890	427,548	499,851
Residential - Total											
13	Total Account Growth	N/A	217	250	849	801	2,007	2,331	1,723	1,373	
14	Total ERC Growth	1.0	N/A	217	250	849	801	2,007	2,331	1,723	1,373
15	Annual Average Accounts		13,154	13,354	13,469	13,894	14,719	16,123	18,292	20,319	21,867
16	Annual Average ERCs		13,154	13,354	13,469	13,894	14,719	16,123	18,292	20,319	21,867
17	Average Monthly Usage per Account		6,141	6,178	6,459	6,269	6,270	6,254	6,218	6,181	6,154
18	Total Annual Usage (000 Gallons)		969,416	990,003	1,043,965	1,045,185	1,107,483	1,209,879	1,364,757	1,507,107	1,614,705

Table 1
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Historical and Projected Customer Growth and Usage Forecast - Summary

Line No.	Description	Historical Fiscal Years Ending September 30,			Estimated 2006	Projected Fiscal Years Ending September 30,				
		2003	2004	2005		2007	2008	2009	2010	2011
<u>General Service</u>										
General Service - Inside										
19	Total Account Growth	N/A	117	(86)	0	11	23	18	0	0
20	Total ERC Growth	4.0	N/A	468	(344)	0	45	90	71	0
21	Annual Average Accounts	2,397	2,474	2,509	2,509	2,515	2,532	2,552	2,561	2,561
22	Annual Average ERCs	9,620	10,088	9,744	9,744	9,767	9,834	9,915	9,950	9,950
23	Average Monthly Usage per Account	36,621	36,529	35,920	36,500	36,500	36,500	36,500	36,500	36,500
24	Total Annual Usage (000 Gallons)	1,053,372	1,084,480	1,081,480	1,098,942	1,101,406	1,108,797	1,117,612	1,121,499	1,121,499
General Service - Outside										
25	Total Account Growth	N/A	61	8	0	0	0	1	0	0
26	Total ERC Growth	9.2	N/A	561	74	0	0	0	50	0
27	Annual Average Accounts	643	669	660	660	660	660	661	661	661
28	Annual Average ERCs	5,901	6,462	6,536	6,536	6,536	6,536	6,561	6,586	6,586
29	Average Monthly Usage per Account	83,740	81,135	82,049	82,000	82,000	82,000	82,000	82,000	82,000
30	Total Annual Usage (000 Gallons)	646,139	651,349	649,826	649,440	649,440	649,440	649,932	650,424	650,424
General Service - Total										
31	Total Account Growth	N/A	178	(78)	0	11	23	19	0	0
32	Total ERC Growth	5.1	N/A	1,029	(270)	0	45	90	121	0
33	Annual Average Accounts	3,040	3,143	3,169	3,169	3,175	3,192	3,212	3,222	3,222
34	Annual Average ERCs	15,521	16,550	16,280	16,280	16,302	16,370	16,475	16,536	16,536
35	Average Monthly Usage per Account	46,587	46,024	45,527	45,976	45,959	45,909	45,856	45,836	45,836
36	Total Annual Usage (000 Gallons)	1,699,511	1,735,829	1,731,306	1,748,382	1,750,846	1,758,237	1,767,544	1,771,923	1,771,923

Table 1
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Historical and Projected Customer Growth and Usage Forecast - Summary

Line No.	Description	Historical Fiscal Years Ending September 30,			Estimated 2006	Projected Fiscal Years Ending September 30,				
		2003	2004	2005		2007	2008	2009	2010	2011
<u>Sales for Resale</u>										
Sales for Resale										
37	Total Account Growth	N/A	0	0	0	0	0	0	0	0
38	Total ERC Growth	1.0 N/A	0	0	0	0	0	0	0	0
39	Annual Average Accounts	1	1	1	1	1	1	1	1	1
40	Annual Average ERCs	2,085	2,085	2,085	2,085	2,085	2,085	2,085	2,085	2,085
41	Average Monthly Usage per Account	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total Annual Usage (000 Gallons)	228,254	234,963	197,557	245,093	245,093	245,093	245,093	245,093	245,093
TOTAL WATER SYSTEM										
42	Annual Average Accounts	16,195	16,498	16,639	17,064	17,894	19,315	21,505	23,541	25,089
43	Total Annual Usage (000 Gallons)	2,897,181	2,960,795	2,972,828	3,038,660	3,103,422	3,213,209	3,377,394	3,524,123	3,631,721
44	Water Available for Resale	3,056,804	3,127,729	3,000,161	3,190,593	3,258,593	3,373,869	3,546,264	3,700,329	3,813,307
45	Unaccounted for Water (Percent)	5.22%	5.34%	0.91%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
46	Growth in Average Customer Accounts	N/A	1.87%	0.85%	2.55%	4.87%	7.94%	11.34%	9.47%	6.58%
47	Growth in Annual Usage	N/A	2.20%	0.41%	2.21%	2.13%	3.54%	5.11%	4.34%	3.05%

Table 1
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Historical and Projected Customer Growth and Usage Forecast - Summary

Line No.	Description	Historical Fiscal Years Ending September 30,			Estimated 2006	Projected Fiscal Years Ending September 30,					
		2003	2004	2005		2007	2008	2009	2010	2011	
WASTEWATER SYSTEM											
<u>Residential</u>											
Residential - Inside											
48	Total Account Growth	N/A	96	(198)	681	627	995	959	469	436	
49	Total ERC Growth	1.0	N/A	96	(198)	681	627	995	959	469	436
50	Annual Average Accounts	9,547	9,649	9,545	9,886	10,540	11,351	12,328	13,042	13,494	
51	Annual Average ERCs	9,547	9,649	9,545	9,886	10,540	11,351	12,328	13,042	13,494	
52	Average Monthly Usage per Account	6,371	6,369	6,421	6,400	6,400	6,400	6,400	6,400	6,400	
53	Total Revenue Gallons (000 Gallons)	729,886	737,438	735,459	759,206	809,434	871,718	946,752	1,001,587	1,036,339	
Residential - Outside											
54	Total Account Growth	N/A	4	(181)	168	174	1,012	1,372	1,254	937	
55	Total ERC Growth	1.0	N/A	4	(181)	168	174	1,012	1,372	1,254	937
56	Annual Average Accounts	1,239	1,250	1,204	1,288	1,459	2,052	3,244	4,557	5,653	
57	Annual Average ERCs	1,239	1,250	1,204	1,288	1,459	2,052	3,244	4,557	5,653	
58	Average Monthly Usage per Account	4,282	4,412	4,990	4,600	4,600	4,600	4,600	4,600	4,600	
59	Total Revenue Gallons (000 Gallons)	63,660	66,181	72,098	71,098	80,537	113,270	179,069	251,546	312,018	
Residential - Total											
60	Total Account Growth	N/A	100	(379)	849	801	2,007	2,331	1,723	1,373	
61	Total ERC Growth	1.0	N/A	100	(379)	849	801	2,007	2,331	1,723	1,373
62	Annual Average Accounts	10,786	10,899	10,749	11,174	11,999	13,403	15,572	17,599	19,147	
63	Annual Average ERCs	10,786	10,899	10,749	11,174	11,999	13,403	15,572	17,599	19,147	
64	Average Monthly Usage per Account	6,131	6,144	6,261	6,193	6,181	6,124	6,025	5,934	5,869	
65	Total Revenue Gallons (000 Gallons)	793,546	803,619	807,557	830,304	889,971	984,988	1,125,821	1,253,133	1,348,357	

Table 1
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Historical and Projected Customer Growth and Usage Forecast - Summary

Line No.	Description	Historical Fiscal Years Ending September 30,			Estimated 2006	Projected Fiscal Years Ending September 30,				
		2003	2004	2005		2007	2008	2009	2010	2011
<u>General Service</u>										
General Service - Inside										
66	Total Account Growth	N/A	58	324	0	9	18	14	0	0
67	Total ERC Growth	4.9	N/A	284	1,588	0	45	90	71	0
68	Annual Average Accounts	1,771	1,806	1,946	1,946	1,951	1,964	1,981	1,988	1,988
69	Annual Average ERCs	8,742	9,026	10,614	10,614	10,636	10,704	10,784	10,820	10,820
70	Average Monthly Usage per Account	36,036	35,801	35,416	36,000	36,000	36,000	36,000	36,000	36,000
71	Total Revenue Gallons (000 Gallons)	765,837	775,874	827,037	840,672	842,656	848,607	855,704	858,834	858,834
General Service - Outside										
72	Total Account Growth	N/A	28	(22)	0	0	0	1	0	0
73	Total ERC Growth	11.3	N/A	316	(249)	0	0	0	50	0
74	Annual Average Accounts	221	233	222	222	222	222	223	223	223
75	Annual Average ERCs	2,497	2,813	2,565	2,565	2,565	2,565	2,590	2,615	2,615
76	Average Monthly Usage per Account	82,465	76,307	86,797	86,000	86,000	86,000	86,000	86,000	86,000
77	Total Revenue Gallons (000 Gallons)	218,697	213,354	231,228	229,104	229,104	229,104	229,620	230,136	230,136
General Service - Total										
78	Total Account Growth	N/A	86	302	0	9	18	15	0	0
79	Total ERC Growth	6.0	N/A	601	1,339	0	45	90	121	0
80	Annual Average Accounts	1,992	2,039	2,168	2,168	2,173	2,186	2,203	2,211	2,211
81	Annual Average ERCs	11,239	11,840	13,179	13,179	13,201	13,269	13,374	13,435	13,435
82	Average Monthly Usage per Account	41,187	40,429	40,677	41,120	41,109	41,077	41,049	41,043	41,043
83	Total Revenue Gallons (000 Gallons)	984,534	989,228	1,058,265	1,069,776	1,071,760	1,077,711	1,085,324	1,088,970	1,088,970
TOTAL WASTEWATER SYSTEM										
84	Annual Average Accounts	12,778	12,938	12,917	13,342	14,171	15,589	17,775	19,810	21,358
85	Total Revenue Gallons (000 Gallons)	1,778,080	1,792,847	1,865,822	1,900,080	1,961,731	2,062,699	2,211,145	2,342,103	2,437,327
86	Wastewater Treated (000 Gallons)	2,084,150	2,183,850	2,376,240	2,337,605	2,400,227	2,523,764	2,705,391	2,865,622	2,982,131
87	Difference	1.17	1.22	1.27	1.23	1.22	1.22	1.22	1.22	1.22
88	Growth in Average Customer Accounts	N/A	1.25%	-0.16%	3.29%	6.22%	10.00%	14.02%	11.45%	7.81%
89	Growth in Treated Wastewater	N/A	4.78%	8.81%	-1.63%	2.68%	5.15%	7.20%	5.92%	4.07%

Table 2
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projected Water System Revenue Requirements and Rate Sufficiency

Line No.	Description	Projected Fiscal Year Ending September 30,				
		2007	2008	2009	2010	2011
Operating Expenses						
1	Allocated Management Expenses	\$3,041,671	\$3,415,855	\$3,823,502	\$4,019,577	\$4,225,022
2	Water Resources	3,879,812	4,275,598	4,732,026	5,023,300	5,305,798
3	Water Operations	2,305,151	2,622,909	2,970,891	3,138,675	3,313,726
4	Administration and General	158,651	169,551	178,163	186,704	194,611
5	Total Operating Expenses	\$9,385,284	\$10,483,912	\$11,704,582	\$12,368,256	\$13,039,157
Other Revenue Requirements						
Debt Service						
6	Existing Debt Service	\$2,376,422	\$2,453,000	\$2,108,455	\$2,107,361	\$2,100,651
7	Proposed Debt Service	252,559	397,158	991,652	991,652	991,652
8	Total Debt Service	\$2,628,981	\$2,850,159	\$3,100,107	\$3,099,013	\$3,092,303
9	Transfer to Renewals & Replacement Fund	\$0	\$0	\$0	\$0	\$0
10	Capital Funded from Rates	1,518,500	1,651,488	1,727,259	1,806,733	1,889,600
11	Transfer - Distribution to the City	756,865	822,069	962,241	1,032,711	1,101,647
12	Operating Reserves - Deposits to/(Uses of)	0	0	0	0	0
13	Total Other Revenue Requirements	\$4,904,346	\$5,323,716	\$5,789,607	\$5,938,457	\$6,083,550
14	Gross Revenue Requirements	\$14,289,630	\$15,807,628	\$17,494,189	\$18,306,713	\$19,122,708
Less Other Operating Revenues						
15	Miscellaneous Service Revenue	\$160,000	\$185,543	\$199,901	\$213,791	\$225,819
16	AGRC Charges	39,184	166,848	202,894	210,356	145,267
17	Other Revenue	0	0	0	0	0
18	Total Other Operating Revenue	\$199,184	\$352,391	\$402,795	\$424,147	\$371,086
Less Non-operating Revenues						
19	Investment / Interest Income	\$144,667	\$201,230	\$130,056	\$101,314	\$103,144
20	Grant Revenue	0	0	0	0	0
21	Rental Income	38,000	38,000	38,000	38,000	38,000
22	Revenue from City Billing	26,000	26,000	26,000	26,000	26,000
23	Miscellaneous Income	0	0	0	0	0
24	Gain (Loss) on Disposition of Property	0	0	0	0	0
25	Total Non-operating Revenue	\$208,667	\$265,230	\$194,056	\$165,314	\$167,144
26	Net Revenue Requirements	\$13,881,779	\$15,190,006	\$16,897,338	\$17,717,252	\$18,584,478
Revenue from Water Rates						
		<u>Budgeted Plus Growth</u>				
27	Existing Rate Revenue	\$11,892,700	\$12,313,702	\$12,942,932	\$13,504,655	\$13,916,547
28	Prior Year Rate Revenue Adjustments	0	1,477,600	3,292,700	3,859,100	4,424,100
29	Total Rate Revenue Before Current Year Adjustment	11,892,700	13,791,302	16,235,632	17,363,755	18,340,647
<u>Current Year Rate Adjustments</u>						
30	Current Year Rate Revenue Adjustment Effective Month	12.0%	12.0%	2.5%	2.5%	2.5%
31	% of Current Year Effective	100.00%	100.00%	100.00%	100.00%	100.00%
32	Total Revenue from Current Year Adjustments	\$1,427,124	\$1,654,956	\$405,891	\$434,094	\$458,516
33	Total Revenue from Rates	\$13,319,824	\$15,446,258	\$16,641,523	\$17,797,849	\$18,799,163
34	Revenue Surplus/(Deficiency)	(\$561,955)	\$256,251	(\$255,816)	\$80,597	\$214,685
35	Surplus/(Deficiency) - Percent of Rate Revenues	-4.22%	1.66%	-1.54%	0.45%	1.14%

Table 3
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projected Wastewater System Revenue Requirements and Rate Sufficiency

Line No.	Description	Projected Fiscal Year Ending September 30,				
		2007	2008	2009	2010	2011
Operating Expenses						
1	Allocated Management Expenses	\$2,396,782	\$2,713,735	\$3,059,262	\$3,218,093	\$3,384,572
2	Wastewater Systems	4,027,712	4,276,927	4,858,289	6,351,926	6,705,363
3	Wastewater Operations	1,213,278	1,446,078	1,701,421	1,795,213	1,892,616
4	Administration and General	149,595	159,595	174,357	187,926	201,211
5	Total Operating Expenses	\$7,787,366	\$8,596,336	\$9,793,329	\$11,553,158	\$12,183,761
Other Revenue Requirements						
Debt Service						
6	Existing Debt Service	\$2,265,226	\$2,264,856	\$1,747,517	\$1,746,576	\$1,754,198
7	Proposed Debt Service	93,128	1,030,860	4,886,172	4,886,172	4,886,172
8	Less Capital Improvement Charge Payments	0	(1,000,000)	(2,000,000)	(2,000,000)	0
9	Total Debt Service	\$2,358,354	\$2,295,716	\$4,633,689	\$4,632,748	\$6,640,369
10	Transfer to Renewals & Replacement Fund	\$0	\$0	\$0	\$0	\$0
11	Capital Funded from Rates	1,367,000	1,271,766	1,410,864	1,531,489	1,659,961
12	Transfer - Distribution to the City	623,474	725,129	856,048	1,008,327	1,158,434
13	Operating Reserves - Deposits to/(Uses of)	0	0	0	0	0
14	Total Other Revenue Requirements	\$4,348,828	\$4,292,611	\$6,900,601	\$7,172,565	\$9,458,764
15	Gross Revenue Requirements	\$12,136,194	\$12,888,947	\$16,693,930	\$18,725,723	\$21,642,525
Less Other Operating Revenues						
16	Miscellaneous Service Revenue	\$98,000	\$113,352	\$139,740	\$162,813	\$185,538
17	AGRC Charges	59,916	255,118	310,238	321,648	222,125
18	Other Revenue	120,000	138,799	171,110	199,363	227,189
19	Total Other Operating Revenue	\$277,916	\$507,269	\$621,087	\$683,825	\$634,851
Less Non-operating Revenues						
20	Investment / Interest Income	\$638,985	\$846,844	\$272,091	\$88,774	\$95,376
21	Grant Revenue	0	0	0	0	0
21	Rental Income	31,000	31,000	31,000	31,000	31,000
22	Revenue from City Billing	20,902	20,902	20,902	20,902	20,902
23	Miscellaneous Income	100	116	143	166	189
24	Gain (Loss) on Disposition of Property	0	0	0	0	0
25	Total Non-operating Revenue	\$690,987	\$898,862	\$324,136	\$140,842	\$147,467
26	Net Revenue Requirements	\$11,167,292	\$11,482,817	\$15,748,707	\$17,901,055	\$20,860,207
Revenue from Wastewater Rates						
Budgeted Plus Growth						
27	Existing Rate Revenue	\$10,125,079	\$10,646,521	\$11,413,070	\$12,088,724	\$12,580,735
28	Prior Year Rate Revenue Adjustments	0	1,064,700	2,396,700	4,732,700	6,676,000
29	Total Rate Revenue Before Current Year Adjustment	10,125,079	11,711,221	13,809,770	16,821,424	19,256,735
Current Year Rate Adjustments						
30	Current Year Rate Revenue Adjustment	10.0%	10.0%	15.0%	10.0%	9.5%
	Effective Month	Jan.	Oct.	Oct.	Oct.	Oct.
31	% of Current Year Effective	100.00%	100.00%	100.00%	100.00%	100.00%
32	Total Revenue from Current Year Adjustments	\$1,012,508	\$1,171,122	\$2,071,466	\$1,682,142	\$1,829,390
33	Total Revenue from Rates	\$11,137,587	\$12,882,343	\$15,881,236	\$18,503,566	\$21,086,125
34	Revenue Surplus/(Deficiency)	(\$29,705)	\$1,399,526	\$132,528	\$602,511	\$225,918
35	Surplus/(Deficiency) - Percent of Rate Revenues	-0.27%	10.86%	0.83%	3.26%	1.07%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
Board												
1	Salaries and Wages	\$18,000	\$0	\$18,000	Flat	\$18,000	\$18,000	\$18,000	\$18,000	27.95%	21.91%	50.14%
2	Training	2,000	0	2,000	Inflation	2,050	2,101	2,154	2,208	27.95%	21.91%	50.14%
3	Travel	15,000	0	15,000	Inflation	15,375	15,759	16,153	16,557	27.95%	21.91%	50.14%
4	Car Allowance	11,962	0	11,962	Inflation	12,261	12,568	12,882	13,204	27.95%	21.91%	50.14%
5	Business Relations	200	0	200	Inflation	205	210	215	221	27.95%	21.91%	50.14%
6	Memberships - Civic	1,065	0	1,065	Inflation	1,092	1,119	1,147	1,176	27.95%	21.91%	50.14%
7	Employees' Insurance	52,000	0	52,000	HeaComp	57,200	62,920	69,212	76,133	27.95%	21.91%	50.14%
8	Workers' Compensation	630	0	630	HeaComp	693	762	839	922	27.95%	21.91%	50.14%
9	Property and Liability Insurance	1,240	0	1,240	Insurance	1,302	1,367	1,435	1,507	27.95%	21.91%	50.14%
10	Total	102,097	0	102,097		108,178	114,807	122,037	129,928	27.95%	21.91%	50.14%
Director of Utilities												
11	Salaries and Wages	138,315	0	138,315	Labor	145,231	152,492	160,117	168,123	27.42%	21.50%	51.08%
12	Advertising	500	0	500	Inflation	513	525	538	552	27.42%	21.50%	51.08%
13	Rentals	0	0	0	Inflation	0	0	0	0	27.42%	21.50%	51.08%
14	Maintenance of Buildings	0	0	0	Repair	0	0	0	0	27.42%	21.50%	51.08%
15	Maintenance of Equipment	500	0	500	Repair	523	546	571	596	27.42%	21.50%	51.08%
16	Maintenance of Contracts	0	0	0	Repair	0	0	0	0	27.42%	21.50%	51.08%
17	Postage	150	0	150	Inflation	154	158	162	166	27.42%	21.50%	51.08%
18	Printing	1,570	0	1,570	Inflation	1,609	1,649	1,691	1,733	27.42%	21.50%	51.08%
19	Training	1,122	0	1,122	Inflation	1,150	1,179	1,208	1,238	27.42%	21.50%	51.08%
20	Travel	7,500	0	7,500	Inflation	7,688	7,880	8,077	8,279	27.42%	21.50%	51.08%
21	Car Allowance	8,394	0	8,394	Inflation	8,604	8,819	9,039	9,265	27.42%	21.50%	51.08%
22	Communications	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760	27.42%	21.50%	51.08%
23	Utilities	0	0	0	Inflation	0	0	0	0	27.42%	21.50%	51.08%
24	Employee Relations	20,000	0	20,000	Inflation	20,500	21,013	21,538	22,076	27.42%	21.50%	51.08%
25	Business Relations	4,000	0	4,000	Inflation	4,100	4,203	4,308	4,415	27.42%	21.50%	51.08%
25	Community Relations	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760	27.42%	21.50%	51.08%
26	Memberships - Professional	657	0	657	Inflation	673	690	708	725	27.42%	21.50%	51.08%
27	Memberships - Civic	1,025	0	1,025	Inflation	1,051	1,077	1,104	1,131	27.42%	21.50%	51.08%
28	Office Supplies	2,000	0	2,000	Inflation	2,050	2,101	2,154	2,208	27.42%	21.50%	51.08%
29	Subscriptions	520	0	520	Inflation	533	546	560	574	27.42%	21.50%	51.08%
30	Retirement	31,425	0	31,425	Labor	32,996	34,646	36,378	38,197	27.42%	21.50%	51.08%
31	FICA	14,806	0	14,806	Labor	15,546	16,324	17,140	17,997	27.42%	21.50%	51.08%
32	Employees' Insurance	26,000	0	26,000	HeaComp	28,600	31,460	34,606	38,067	27.42%	21.50%	51.08%
33	Employee Suggestions and Awards	3,000	0	3,000	Inflation	3,075	3,152	3,231	3,311	27.42%	21.50%	51.08%
34	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	27.42%	21.50%	51.08%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
35	Sick Pay Expense	0	0	0	Labor	0	0	0	0	27.42%	21.50%	51.08%
36	Workers' Compensation	760	0	760	HeaComp	836	920	1,012	1,113	27.42%	21.50%	51.08%
37	Property and Liability Insurance	2,060	0	2,060	Insurance	2,163	2,271	2,385	2,504	27.42%	21.50%	51.08%
38	Depreciation Expense	2,000	0	2,000	Flat	2,000	2,000	2,000	2,000	27.42%	21.50%	51.08%
39	Total	271,304	0	271,304		284,719	298,903	313,909	329,790	27.42%	21.50%	51.08%
Attorney												
40	Salaries and Wages	81,424	0	81,424	Labor	85,495	89,770	94,258	98,971	28.17%	22.09%	49.74%
41	Advertising	0	0	0	Inflation	0	0	0	0	28.17%	22.09%	49.74%
42	Professional Fees - Other	20,000	0	20,000	Inflation	20,500	21,013	21,538	22,076	28.17%	22.09%	49.74%
43	Training	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760	28.17%	22.09%	49.74%
44	Office Supplies	110	0	110	Inflation	113	116	118	121	28.17%	22.09%	49.74%
45	Employees' Insurance	15,000	0	15,000	HeaComp	16,500	18,150	19,965	21,962	28.17%	22.09%	49.74%
46	Total	119,034	0	119,034		125,170	131,675	138,572	145,890	28.17%	22.09%	49.74%
Human Resources												
47	Salaries and Wages	178,715	0	178,715	Labor	187,651	197,033	206,885	217,229	29.97%	19.39%	50.63%
48	Overtime	150	0	150	Labor	158	165	174	182	29.97%	19.39%	50.63%
49	Advertising	50,000	0	50,000	Inflation	51,250	52,531	53,845	55,191	29.97%	19.39%	50.63%
50	Maintenance of Buildings	0	0	0	Repair	0	0	0	0	29.97%	19.39%	50.63%
51	Maintenance Contracts	128	0	128	Repair	134	140	146	153	29.97%	19.39%	50.63%
52	Postage	381	0	381	Inflation	391	400	410	421	29.97%	19.39%	50.63%
53	Printing	711	0	711	Inflation	729	747	766	785	29.97%	19.39%	50.63%
54	Professional Fees - Consulting	25,000	0	25,000	Inflation	25,625	26,266	26,922	27,595	29.97%	19.39%	50.63%
55	Temporary Labor	0	0	0	Inflation	0	0	0	0	29.97%	19.39%	50.63%
56	Professional Fees - Other	30,000	0	30,000	Inflation	30,750	31,519	32,307	33,114	29.97%	19.39%	50.63%
57	Training	30,000	0	30,000	Inflation	30,750	31,519	32,307	33,114	29.97%	19.39%	50.63%
58	Travel	0	0	0	Inflation	0	0	0	0	29.97%	19.39%	50.63%
59	Car Allowance	3,300	0	3,300	Inflation	3,383	3,467	3,554	3,643	29.97%	19.39%	50.63%
60	Communications	253	0	253	Inflation	259	266	272	279	29.97%	19.39%	50.63%
61	Employee Relations	600	0	600	Inflation	615	630	646	662	29.97%	19.39%	50.63%
61	Business Relations	300	0	300	Inflation	308	315	323	331	29.97%	19.39%	50.63%
62	Memberships - Professional	600	0	600	Inflation	615	630	646	662	29.97%	19.39%	50.63%
63	Office Supplies	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760	29.97%	19.39%	50.63%
64	Subscriptions	2,000	0	2,000	Inflation	2,050	2,101	2,154	2,208	29.97%	19.39%	50.63%
65	Retirement	21,356	0	21,356	Labor	22,424	23,545	24,722	25,958	29.97%	19.39%	50.63%
66	FICA	13,683	0	13,683	Labor	14,367	15,086	15,840	16,632	29.97%	19.39%	50.63%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
67	Employees' Insurance	62,000	0	62,000	HeaComp	68,200	75,020	82,522	90,774	29.97%	19.39%	50.63%
68	Employee Suggestions and Awards	9,926	0	9,926	Inflation	10,174	10,429	10,689	10,956	29.97%	19.39%	50.63%
69	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	29.97%	19.39%	50.63%
70	Sick Pay Expense	0	0	0	Labor	0	0	0	0	29.97%	19.39%	50.63%
71	Workers' Compensation	500	0	500	HeaComp	550	605	666	732	29.97%	19.39%	50.63%
72	Property and Liability Insurance	3,960	0	3,960	Insurance	4,158	4,366	4,584	4,813	29.97%	19.39%	50.63%
73	Depreciation Expense	0	0	0	Flat	0	0	0	0	29.97%	19.39%	50.63%
74	Total	436,063	0	436,063		457,101	479,407	503,071	528,195	29.97%	19.39%	50.63%
Internal Auditing and Risk Management												
75	Salaries and Wages	243,039	0	243,039	Labor	255,191	267,950	281,348	295,415	28.19%	22.11%	49.70%
76	Overtime	200	0	200	Labor	210	221	232	243	28.19%	22.11%	49.70%
77	Rentals	0	0	0	Inflation	0	0	0	0	28.19%	22.11%	49.70%
78	Maintenance of Buildings	0	0	0	Repair	0	0	0	0	28.19%	22.11%	49.70%
79	Maintenance of Vehicles	800	0	800	Repair	836	874	913	954	28.19%	22.11%	49.70%
80	Maintenance of Equipment	0	0	0	Repair	0	0	0	0	28.19%	22.11%	49.70%
81	Maintenance Contracts	150	0	150	Repair	157	164	171	179	28.19%	22.11%	49.70%
82	Postage	900	0	900	Inflation	923	946	969	993	28.19%	22.11%	49.70%
83	Printing	900	0	900	Inflation	923	946	969	993	28.19%	22.11%	49.70%
84	Professional Fees - Consulting	40,000	0	40,000	Inflation	41,000	42,025	43,076	44,153	28.19%	22.11%	49.70%
85	Professional Fees - Other	5,000	0	5,000	Inflation	5,125	5,253	5,384	5,519	28.19%	22.11%	49.70%
86	Training	7,500	0	7,500	Inflation	7,688	7,880	8,077	8,279	28.19%	22.11%	49.70%
87	Travel	300	0	300	Inflation	308	315	323	331	28.19%	22.11%	49.70%
88	Car Allowance	6,600	0	6,600	Inflation	6,765	6,934	7,107	7,285	28.19%	22.11%	49.70%
89	Communications	2,000	0	2,000	Inflation	2,050	2,101	2,154	2,208	28.19%	22.11%	49.70%
90	Utilities	0	0	0	Inflation	0	0	0	0	28.19%	22.11%	49.70%
90	Employee Relations	1,000	0	1,000	Inflation	1,025	1,051	1,077	1,104	28.19%	22.11%	49.70%
90	Business Relations	0	0	0	Inflation	0	0	0	0	28.19%	22.11%	49.70%
91	Memberships - Professional	1,200	0	1,200	Inflation	1,230	1,261	1,292	1,325	28.19%	22.11%	49.70%
92	Office Supplies	5,200	0	5,200	Inflation	5,330	5,463	5,600	5,740	28.19%	22.11%	49.70%
93	Subscriptions	2,000	0	2,000	Inflation	2,050	2,101	2,154	2,208	28.19%	22.11%	49.70%
94	Gas, Oil and Lubricants	900	0	900	Inflation	923	946	969	993	28.19%	22.11%	49.70%
95	Retirement	29,043	0	29,043	Labor	30,495	32,020	33,621	35,302	28.19%	22.11%	49.70%
96	FICA	18,608	0	18,608	Labor	19,538	20,515	21,541	22,618	28.19%	22.11%	49.70%
97	Employees' Insurance	41,000	0	41,000	HeaComp	45,100	49,610	54,571	60,028	28.19%	22.11%	49.70%
98	Employee Suggestions and Awards	5,667	0	5,667	Inflation	5,809	5,954	6,103	6,255	28.19%	22.11%	49.70%
99	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	28.19%	22.11%	49.70%
100	Sick Pay Expense	0	0	0	Labor	0	0	0	0	28.19%	22.11%	49.70%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
101	Workers' Compensation	880	0	880	HeaComp	968	1,065	1,171	1,288	28.19%	22.11%	49.70%
102	Property and Liability Insurance	2,360	0	2,360	Insurance	2,478	2,602	2,732	2,869	28.19%	22.11%	49.70%
103	Depreciation Expense	3,000	0	3,000	Flat	3,000	3,000	3,000	3,000	28.19%	22.11%	49.70%
104	Total	418,247	0	418,247		439,119	461,195	484,554	509,282	28.19%	22.11%	49.70%
	Finance											
105	Salaries and Wages	551,835	0	551,835	Labor	579,427	608,398	638,818	670,759	27.87%	21.86%	50.27%
106	Overtime	10,000	0	10,000	Labor	10,500	11,025	11,576	12,155	27.87%	21.86%	50.27%
107	Maintenance of Equipment	0	0	0	Repair	0	0	0	0	27.87%	21.86%	50.27%
108	Maintenance Contracts	0	0	0	Repair	0	0	0	0	27.87%	21.86%	50.27%
109	Postage	2,955	0	2,955	Inflation	3,029	3,105	3,182	3,262	27.87%	21.86%	50.27%
110	Printing	3,410	0	3,410	Inflation	3,495	3,583	3,672	3,764	27.87%	21.86%	50.27%
111	Professional Fees - Audit	45,000	0	45,000	Inflation	46,125	47,278	48,460	49,672	27.87%	21.86%	50.27%
112	Professional Fees - Consulting	20,000	0	20,000	Inflation	20,500	21,013	21,538	22,076	27.87%	21.86%	50.27%
113	Temporary Labor	1,000	0	1,000	Inflation	1,025	1,051	1,077	1,104	27.87%	21.86%	50.27%
114	Professional Fees - Other	1,500	0	1,500	Inflation	1,538	1,576	1,615	1,656	27.87%	21.86%	50.27%
113	Training	13,000	0	13,000	Inflation	13,325	13,658	14,000	14,350	27.87%	21.86%	50.27%
115	Travel	3,500	0	3,500	Inflation	3,588	3,677	3,769	3,863	27.87%	21.86%	50.27%
116	Car Allowance	8,460	0	8,460	Inflation	8,672	8,888	9,110	9,338	27.87%	21.86%	50.27%
117	Communications	2,255	0	2,255	Inflation	2,311	2,369	2,428	2,489	27.87%	21.86%	50.27%
118	Employee Relations	440	0	440	Inflation	451	462	474	486	27.87%	21.86%	50.27%
119	Business Relations	300	0	300	Inflation	308	315	323	331	27.87%	21.86%	50.27%
120	Memberships - Professional	1,700	0	1,700	Inflation	1,743	1,786	1,831	1,876	27.87%	21.86%	50.27%
121	Memberships - Civic	1,000	0	1,000	Inflation	1,025	1,051	1,077	1,104	27.87%	21.86%	50.27%
122	Office Supplies	9,000	0	9,000	Inflation	9,225	9,456	9,692	9,934	27.87%	21.86%	50.27%
123	Subscriptions	880	0	880	Inflation	902	925	948	971	27.87%	21.86%	50.27%
124	Cash (Over) Short	(2,983)	0	(2,983)	Eliminate	0	0	0	0	27.87%	21.86%	50.27%
125	Retirement	67,083	0	67,083	Labor	70,437	73,959	77,657	81,540	27.87%	21.86%	50.27%
126	FICA	42,980	0	42,980	Labor	45,129	47,385	49,755	52,242	27.87%	21.86%	50.27%
127	Employees' Insurance	126,000	0	126,000	HeaComp	138,600	152,460	167,706	184,477	27.87%	21.86%	50.27%
128	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	27.87%	21.86%	50.27%
129	Sick Pay Expense	0	0	0	Labor	0	0	0	0	27.87%	21.86%	50.27%
130	Licenses and Permits	0	0	0	Inflation	0	0	0	0	27.87%	21.86%	50.27%
131	Workers' Compensation	2,800	0	2,800	HeaComp	3,080	3,388	3,727	4,099	27.87%	21.86%	50.27%
132	Property and Liability Insurance	12,180	0	12,180	Insurance	12,789	13,428	14,100	14,805	27.87%	21.86%	50.27%
133	Bank Charges	25,000	0	25,000	Inflation	25,625	26,266	26,922	27,595	27.87%	21.86%	50.27%
134	Depreciation Expense	1,000	0	1,000	Flat	1,000	1,000	1,000	1,000	27.87%	21.86%	50.27%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
135	Total	950,295	0	950,295		1,003,847	1,057,501	1,114,457	1,174,949	27.87%	21.86%	50.27%
	Management Materials											
136	Salaries and Wages	254,317	0	254,317	Labor	267,033	280,384	294,404	309,124	3.29%	1.32%	95.40%
137	Overtime	9,000	0	9,000	Labor	9,450	9,923	10,419	10,940	3.29%	1.32%	95.40%
138	Rentals	330	0	330	Inflation	338	347	355	364	3.29%	1.32%	95.40%
139	Maintenance of Buildings	0	0	0	Repair	0	0	0	0	3.29%	1.32%	95.40%
140	Maintenance of Vehicles	4,591	0	4,591	Repair	4,798	5,013	5,239	5,475	3.29%	1.32%	95.40%
141	Maintenance of Equipment	1,885	0	1,885	Repair	1,970	2,058	2,151	2,248	3.29%	1.32%	95.40%
142	Maintenance Contracts	5,500	0	5,500	Repair	5,748	6,006	6,276	6,559	3.29%	1.32%	95.40%
143	Postage	8,800	0	8,800	Inflation	9,020	9,246	9,477	9,714	3.29%	1.32%	95.40%
144	Printing	1,027	0	1,027	Inflation	1,053	1,079	1,106	1,134	3.29%	1.32%	95.40%
145	Temporary Labor	0	0	0	Inflation	0	0	0	0	3.29%	1.32%	95.40%
146	Professional Fees - Other	5,500	0	5,500	Inflation	5,638	5,778	5,923	6,071	3.29%	1.32%	95.40%
145	Training	262	0	262	Inflation	269	275	282	289	3.29%	1.32%	95.40%
147	Travel	35	0	35	Inflation	36	37	38	39	3.29%	1.32%	95.40%
148	Car Allowance	3,300	0	3,300	Inflation	3,383	3,467	3,554	3,643	3.29%	1.32%	95.40%
149	Communications	770	0	770	Inflation	789	809	829	850	3.29%	1.32%	95.40%
150	Utilities	43,414	0	43,414	Inflation	44,499	45,612	46,752	47,921	3.29%	1.32%	95.40%
151	Employee Relations	550	0	550	Inflation	564	578	592	607	3.29%	1.32%	95.40%
152	Business Relations	0	0	0	Inflation	0	0	0	0	3.29%	1.32%	95.40%
153	Memberships - Professional	0	0	0	Inflation	0	0	0	0	3.29%	1.32%	95.40%
154	Office Supplies	1,100	0	1,100	Inflation	1,128	1,156	1,185	1,214	3.29%	1.32%	95.40%
155	Subscriptions	0	0	0	Inflation	0	0	0	0	3.29%	1.32%	95.40%
156	Operating Supplies	9,365	0	9,365	Inflation	9,599	9,839	10,085	10,337	3.29%	1.32%	95.40%
157	Gas, Oil and Lubricants	2,127	0	2,127	Inflation	2,180	2,235	2,291	2,348	3.29%	1.32%	95.40%
158	Small Tools	550	0	550	Inflation	564	578	592	607	3.29%	1.32%	95.40%
159	Retirement	32,635	0	32,635	Labor	34,267	35,980	37,779	39,668	3.29%	1.32%	95.40%
160	FICA	20,909	0	20,909	Labor	21,954	23,052	24,205	25,415	3.29%	1.32%	95.40%
161	Employees' Insurance	73,000	0	73,000	HeaComp	80,300	88,330	97,163	106,879	3.29%	1.32%	95.40%
162	Employee Suggestions and Awards	0	0	0	Inflation	0	0	0	0	3.29%	1.32%	95.40%
163	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	3.29%	1.32%	95.40%
164	Sick Pay Expense	0	0	0	Labor	0	0	0	0	3.29%	1.32%	95.40%
165	Licenses and Permits	83	0	83	Inflation	85	87	89	92	3.29%	1.32%	95.40%
166	Workers' Compensation	6,090	0	6,090	HeaComp	6,699	7,369	8,106	8,916	3.29%	1.32%	95.40%
167	Property and Liability Insurance	10,230	0	10,230	Insurance	10,742	11,279	11,843	12,435	3.29%	1.32%	95.40%
168	Unemployment Claims	0	0	0	Labor	0	0	0	0	3.29%	1.32%	95.40%
169	Inventory Adjustments	25,000	0	25,000	Inflation	25,625	26,266	26,922	27,595	3.29%	1.32%	95.40%
170	Depreciation Expense	63,000	0	63,000	Flat	63,000	63,000	63,000	63,000	3.29%	1.32%	95.40%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
171	Total	583,370	0	583,370		610,728	639,782	670,656	703,482	3.29%	1.32%	95.40%
Shared Services												
172	Salaries and Wages	349,819	0	349,819	Labor	367,310	385,675	404,959	425,207	29.29%	20.10%	50.61%
173	Overtime	4,000	0	4,000	Labor	4,200	4,410	4,631	4,862	29.29%	20.10%	50.61%
174	Rentals	131,811	0	131,811	Inflation	135,106	138,484	141,946	145,495	29.29%	20.10%	50.61%
175	Maintenance of Buildings	120,000	0	120,000	Repair	125,400	131,043	136,940	143,102	29.29%	20.10%	50.61%
176	Maintenance of Vehicles	5,000	0	5,000	Repair	5,225	5,460	5,706	5,963	29.29%	20.10%	50.61%
177	Maintenance of Equipment	0	0	0	Repair	0	0	0	0	29.29%	20.10%	50.61%
178	Maintenance Contracts	118,314	0	118,314	Repair	123,638	129,202	135,016	141,092	29.29%	20.10%	50.61%
179	Postage	15,000	0	15,000	Inflation	15,375	15,759	16,153	16,557	29.29%	20.10%	50.61%
180	Printing	500	0	500	Inflation	513	525	538	552	29.29%	20.10%	50.61%
181	Temporary Labor	22,627	0	22,627	Inflation	23,193	23,772	24,367	24,976	29.29%	20.10%	50.61%
182	Professional Fees - Other	55,000	0	55,000	Inflation	56,375	57,784	59,229	60,710	29.29%	20.10%	50.61%
181	Training	7,000	0	7,000	Inflation	7,175	7,354	7,538	7,727	29.29%	20.10%	50.61%
183	Travel	500	0	500	Inflation	513	525	538	552	29.29%	20.10%	50.61%
184	Car Allowance	8,460	0	8,460	Inflation	8,672	8,888	9,110	9,338	29.29%	20.10%	50.61%
185	Communications	3,366	0	3,366	Inflation	3,450	3,536	3,625	3,715	29.29%	20.10%	50.61%
186	Utilities	120,029	0	120,029	Inflation	123,030	126,105	129,258	132,490	29.29%	20.10%	50.61%
187	Employee Relations	500	0	500	Inflation	513	525	538	552	29.29%	20.10%	50.61%
188	Business Relations	250	0	250	Inflation	256	263	269	276	29.29%	20.10%	50.61%
189	Memberships - Professional	100	0	100	Inflation	103	105	108	110	29.29%	20.10%	50.61%
190	Office Supplies	3,000	0	3,000	Inflation	3,075	3,152	3,231	3,311	29.29%	20.10%	50.61%
191	Subscriptions	300	0	300	Inflation	308	315	323	331	29.29%	20.10%	50.61%
192	Operating Supplies	42,491	0	42,491	Inflation	43,553	44,642	45,758	46,902	29.29%	20.10%	50.61%
193	Gas, Oil and Lubricants	6,780	0	6,780	Inflation	6,950	7,123	7,301	7,484	29.29%	20.10%	50.61%
194	Small Tools	5,958	0	5,958	Inflation	6,107	6,260	6,416	6,577	29.29%	20.10%	50.61%
195	Retirement	37,466	0	37,466	Labor	39,339	41,306	43,372	45,540	29.29%	20.10%	50.61%
196	FICA	24,005	0	24,005	Labor	25,205	26,466	27,789	29,178	29.29%	20.10%	50.61%
197	Employees' Insurance	65,000	0	65,000	HeaComp	71,500	78,650	86,515	95,167	29.29%	20.10%	50.61%
198	Employee Suggestions and Awards	0	0	0	Inflation	0	0	0	0	29.29%	20.10%	50.61%
199	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	29.29%	20.10%	50.61%
200	Sick Pay Expense	0	0	0	Labor	0	0	0	0	29.29%	20.10%	50.61%
201	Licenses and Permits	0	0	0	Inflation	0	0	0	0	29.29%	20.10%	50.61%
202	Workers' Compensation	5,790	0	5,790	HeaComp	6,369	7,006	7,706	8,477	29.29%	20.10%	50.61%
203	Property and Liability Insurance	49,040	0	49,040	Insurance	51,492	54,067	56,770	59,608	29.29%	20.10%	50.61%
204	Unemployment Claims	0	0	0	Labor	0	0	0	0	29.29%	20.10%	50.61%
205	Depreciation Expense	30,000	0	30,000	Flat	30,000	30,000	30,000	30,000	29.29%	20.10%	50.61%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
206	Total	1,232,106	0	1,232,106		1,283,942	1,338,405	1,395,652	1,455,851	29.29%	20.10%	50.61%
Information Systems												
207	Salaries and Wages	668,946	0	668,946	Labor	702,393	737,513	774,389	813,108	29.69%	20.18%	50.13%
208	Overtime	10,000	0	10,000	Labor	10,500	11,025	11,576	12,155	29.69%	20.18%	50.13%
209	Maintenance of Vehicles	0	0	0	Repair	0	0	0	0	29.69%	20.18%	50.13%
210	Maintenance of Equipment	6,000	0	6,000	Repair	6,270	6,552	6,847	7,155	29.69%	20.18%	50.13%
211	Maintenance Contracts	350,000	0	350,000	Repair	365,750	382,209	399,408	417,382	29.69%	20.18%	50.13%
212	Postage	550	0	550	Inflation	564	578	592	607	29.69%	20.18%	50.13%
213	Printing	700	0	700	Inflation	718	735	754	773	29.69%	20.18%	50.13%
214	Temporary Labor	0	0	0	Inflation	0	0	0	0	29.69%	20.18%	50.13%
215	Professional Fees - Info Systems	10,000	0	10,000	Inflation	10,250	10,506	10,769	11,038	29.69%	20.18%	50.13%
214	Training	22,000	0	22,000	Inflation	22,550	23,114	23,692	24,284	29.69%	20.18%	50.13%
216	Travel	1,500	0	1,500	Inflation	1,538	1,576	1,615	1,656	29.69%	20.18%	50.13%
217	Car Allowance	6,600	0	6,600	Inflation	6,765	6,934	7,107	7,285	29.69%	20.18%	50.13%
218	Communications	20,000	0	20,000	Inflation	20,500	21,013	21,538	22,076	29.69%	20.18%	50.13%
219	Employee Relations	500	0	500	Inflation	513	525	538	552	29.69%	20.18%	50.13%
220	Business Relations	0	0	0	Inflation	0	0	0	0	29.69%	20.18%	50.13%
221	Memberships - Professional	200	0	200	Inflation	205	210	215	221	29.69%	20.18%	50.13%
222	Office Supplies	1,200	0	1,200	Inflation	1,230	1,261	1,292	1,325	29.69%	20.18%	50.13%
223	Subscriptions	400	0	400	Inflation	410	420	431	442	29.69%	20.18%	50.13%
224	Operating Supplies	90,000	0	90,000	Inflation	92,250	94,556	96,920	99,343	29.69%	20.18%	50.13%
225	Small Tools	150	0	150	Inflation	154	158	162	166	29.69%	20.18%	50.13%
226	Retirement	81,189	0	81,189	Labor	85,248	89,511	93,986	98,686	29.69%	20.18%	50.13%
227	FICA	52,018	0	52,018	Labor	54,619	57,350	60,217	63,228	29.69%	20.18%	50.13%
228	Employees' Insurance	166,000	0	166,000	HeaComp	182,600	200,860	220,946	243,041	29.69%	20.18%	50.13%
229	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	29.69%	20.18%	50.13%
230	Sick Pay Expense	0	0	0	Labor	0	0	0	0	29.69%	20.18%	50.13%
231	Workers' Compensation	1,550	0	1,550	HeaComp	1,705	1,876	2,063	2,269	29.69%	20.18%	50.13%
232	Property and Liability Insurance	12,480	0	12,480	Insurance	13,104	13,759	14,447	15,170	29.69%	20.18%	50.13%
233	Unemployment Claims	6,050	0	6,050	Labor	6,353	6,670	7,004	7,354	29.69%	20.18%	50.13%
234	Depreciation Expense	453,000	0	453,000	Flat	453,000	453,000	453,000	453,000	29.69%	20.18%	50.13%
235	Total	1,961,033	0	1,961,033		2,039,187	2,121,911	2,209,509	2,302,313	29.69%	20.18%	50.13%
Federal Building												
236	Salaries and Wages	0	0	0	Labor	0	0	0	0	14.63%	11.55%	73.82%
237	Maintenance of Buildings	9,830	0	9,830	Repair	10,272	10,735	11,218	11,722	14.63%	11.55%	73.82%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
238	Maintenance of Equipment	631	0	631	Repair	659	689	720	752	14.63%	11.55%	73.82%
239	Maintenance Contracts	42,225	0	42,225	Repair	44,125	46,111	48,186	50,354	14.63%	11.55%	73.82%
240	Professional Fees - Consulting	0	0	0	Inflation	0	0	0	0	14.63%	11.55%	73.82%
241	Professional Fees -Other	0	0	0	Inflation	0	0	0	0	14.63%	11.55%	73.82%
241	Utilities	36,137	0	36,137	Inflation	37,040	37,966	38,916	39,888	14.63%	11.55%	73.82%
242	Travel	0	0	0	Inflation	0	0	0	0	14.63%	11.55%	73.82%
243	Operating Supplies	0	0	0	Inflation	0	0	0	0	14.63%	11.55%	73.82%
244	Retirement	0	0	0	Labor	0	0	0	0	14.63%	11.55%	73.82%
245	FICA	0	0	0	Labor	0	0	0	0	14.63%	11.55%	73.82%
246	Property & Liability Insurance	9,310	0	9,310	Insurance	9,776	10,264	10,777	11,316	14.63%	11.55%	73.82%
247	Depreciation Expense	39,000	0	39,000	Flat	39,000	39,000	39,000	39,000	14.63%	11.55%	73.82%
248	Total	137,133	0	137,133		140,873	144,765	148,817	153,034	14.63%	11.55%	73.82%
Communications												
249	Salaries and Wages	140,228	0	140,228	Labor	147,239	154,601	162,331	170,448	29.60%	23.21%	47.19%
250	Overtime	1,500	0	1,500	Labor	1,575	1,654	1,736	1,823	29.60%	23.21%	47.19%
251	Advertising	18,000	0	18,000	Inflation	18,450	18,911	19,384	19,869	29.60%	23.21%	47.19%
252	Rentals	2,200	0	2,200	Inflation	2,255	2,311	2,369	2,428	29.60%	23.21%	47.19%
253	Maintenance of Equipment	220	0	220	Repair	230	240	251	262	29.60%	23.21%	47.19%
254	Maintenance Contracts	220	0	220	Repair	230	240	251	262	29.60%	23.21%	47.19%
255	Postage	8,800	0	8,800	Inflation	9,020	9,246	9,477	9,714	29.60%	23.21%	47.19%
256	Printing	38,500	0	38,500	Inflation	39,463	40,449	41,460	42,497	29.60%	23.21%	47.19%
257	Temporary Labor	110	0	110	Inflation	113	116	118	121	29.60%	23.21%	47.19%
258	Professional Fees - Other	15,000	0	15,000	Inflation	15,375	15,759	16,153	16,557	29.60%	23.21%	47.19%
257	Training	6,600	0	6,600	Inflation	6,765	6,934	7,107	7,285	29.60%	23.21%	47.19%
258	Travel	4,400	0	4,400	Inflation	4,510	4,623	4,738	4,857	29.60%	23.21%	47.19%
259	Car Allowance	3,300	0	3,300	Inflation	3,383	3,467	3,554	3,643	29.60%	23.21%	47.19%
259	Communications	1,320	0	1,320	Inflation	1,353	1,387	1,421	1,457	29.60%	23.21%	47.19%
259	Employee Relations	4,400	0	4,400	Inflation	4,510	4,623	4,738	4,857	29.60%	23.21%	47.19%
260	Business Relations	2,750	0	2,750	Inflation	2,819	2,889	2,961	3,035	29.60%	23.21%	47.19%
260	Community Relations	6,600	0	6,600	Inflation	6,765	6,934	7,107	7,285	29.60%	23.21%	47.19%
260	Memberships - Professional	550	0	550	Inflation	564	578	592	607	29.60%	23.21%	47.19%
261	Memberships - Civic	825	0	825	Inflation	846	867	888	911	29.60%	23.21%	47.19%
261	Office Supplies	5,280	0	5,280	Inflation	5,412	5,547	5,686	5,828	29.60%	23.21%	47.19%
261	Subscriptions	660	0	660	Inflation	677	693	711	729	29.60%	23.21%	47.19%
262	Retirement	16,922	0	16,922	Labor	17,768	18,657	19,589	20,569	29.60%	23.21%	47.19%
262	FICA	10,842	0	10,842	Labor	11,384	11,953	12,551	13,179	29.60%	23.21%	47.19%
262	Employees' Insurance	44,000	0	44,000	HeaComp	48,400	53,240	58,564	64,420	29.60%	23.21%	47.19%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
263	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	29.60%	23.21%	47.19%
263	Sick Pay Expense	0	0	0	Labor	0	0	0	0	29.60%	23.21%	47.19%
263	Workers' Compensation	370	0	370	HeaComp	407	448	492	542	29.60%	23.21%	47.19%
264	Property and Liability Insurance	2,270	0	2,270	Insurance	2,384	2,503	2,628	2,759	29.60%	23.21%	47.19%
264	Unemployment Claims	0	0	0	Labor	0	0	0	0	29.60%	23.21%	47.19%
264	Depreciation Expense	1,000	0	1,000	Flat	1,000	1,000	1,000	1,000	29.60%	23.21%	47.19%
265	Total	336,867	0	336,867		352,894	369,870	387,862	406,944	29.60%	23.21%	47.19%
Customer Service												
266	Salaries and Wages	896,203	0	896,203	Labor	941,013	988,064	1,037,467	1,089,340	29.25%	22.94%	47.81%
266	Overtime	25,000	0	25,000	Labor	26,250	27,563	28,941	30,388	29.25%	22.94%	47.81%
266	Advertising	3,000	0	3,000	Inflation	3,075	3,152	3,231	3,311	29.25%	22.94%	47.81%
267	Rentals	1,577	0	1,577	Inflation	1,616	1,657	1,698	1,741	29.25%	22.94%	47.81%
267	Maintenance of Vehicles	0	0	0	Repair	0	0	0	0	29.25%	22.94%	47.81%
267	Maintenance of Equipment	0	0	0	Repair	0	0	0	0	29.25%	22.94%	47.81%
268	Maintenance Contracts	2,500	0	2,500	Repair	2,613	2,730	2,853	2,981	29.25%	22.94%	47.81%
268	Postage	135,758	0	135,758	Cust/Inf	151,471	174,721	197,650	217,060	29.25%	22.94%	47.81%
268	Printing	4,226	0	4,226	Cust/Inf	4,715	5,439	6,153	6,757	29.25%	22.94%	47.81%
269	Temporary Labor	0	0	0	Cust/Inf	0	0	0	0	29.25%	22.94%	47.81%
269	Professional Fees - Other	174,885	0	174,885	Inflation	179,257	183,739	188,332	193,040	29.25%	22.94%	47.81%
269	Training	9,300	0	9,300	Inflation	9,533	9,771	10,015	10,265	29.25%	22.94%	47.81%
270	Travel	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760	29.25%	22.94%	47.81%
270	Car Allowance	13,200	0	13,200	Inflation	13,530	13,868	14,215	14,570	29.25%	22.94%	47.81%
270	Communications	3,557	0	3,557	Cust/Inf	3,969	4,578	5,179	5,687	29.25%	22.94%	47.81%
271	Employee Relations	1,613	0	1,613	Inflation	1,653	1,695	1,737	1,780	29.25%	22.94%	47.81%
271	Business Relations	1,419	0	1,419	Inflation	1,454	1,491	1,528	1,566	29.25%	22.94%	47.81%
271	Memberships - Professional	0	0	0	Inflation	0	0	0	0	29.25%	22.94%	47.81%
272	Memberships - Civic	1,221	0	1,221	Inflation	1,252	1,283	1,315	1,348	29.25%	22.94%	47.81%
272	Billing Housing Authority	18,000	0	18,000	Cust/Inf	20,083	23,166	26,206	28,780	29.25%	22.94%	47.81%
272	Office Supplies	10,000	0	10,000	Cust/Inf	11,157	12,870	14,559	15,989	29.25%	22.94%	47.81%
273	Subscriptions	1,067	0	1,067	Inflation	1,094	1,121	1,149	1,178	29.25%	22.94%	47.81%
273	Operating Supplies	13,000	0	13,000	Cust/Inf	14,505	16,731	18,927	20,785	29.25%	22.94%	47.81%
273	Gas, Oil and Lubricants	0	0	0	Inflation	0	0	0	0	29.25%	22.94%	47.81%
274	Cash (Over) Short	117	0	117	Cust/Inf	131	151	170	187	29.25%	22.94%	47.81%
274	Retirement	109,992	0	109,992	Labor	115,492	121,266	127,329	133,696	29.25%	22.94%	47.81%
274	FICA	70,472	0	70,472	Labor	73,996	77,695	81,580	85,659	29.25%	22.94%	47.81%
275	Employees' Insurance	267,000	0	267,000	HeaComp	293,700	323,070	355,377	390,915	29.25%	22.94%	47.81%
275	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	29.25%	22.94%	47.81%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
275	Sick Pay Expense	0	0	0	Labor	0	0	0	0	29.25%	22.94%	47.81%
276	Workers' Compensation	3,350	0	3,350	HeaComp	3,685	4,054	4,459	4,905	29.25%	22.94%	47.81%
276	Property and Liability Insurance	17,380	0	17,380	Insurance	18,249	19,161	20,120	21,125	29.25%	22.94%	47.81%
276	Depreciation Expense	6,000	0	6,000	Flat	6,000	6,000	6,000	6,000	29.25%	22.94%	47.81%
277	Total	1,792,337	0	1,792,337		1,902,054	2,027,660	2,158,882	2,291,815	29.25%	22.94%	47.81%
Administrative and General												
278	Salaries and Wages	0	0	0	Labor	0	0	0	0	9.92%	6.42%	83.66%
278	Overtime	0	0	0	Labor	0	0	0	0	9.92%	6.42%	83.66%
278	Advertising	0	0	0	Inflation	0	0	0	0	9.92%	6.42%	83.66%
279	Rentals	429	0	429	Inflation	440	451	462	474	9.92%	6.42%	83.66%
279	Maintenance of Buildings	6,299	0	6,299	Repair	6,582	6,879	7,188	7,512	9.92%	6.42%	83.66%
279	Maintenance of Vehicles	0	0	0	Repair	0	0	0	0	9.92%	6.42%	83.66%
280	Maintenance of Equipment	0	0	0	Repair	0	0	0	0	9.92%	6.42%	83.66%
280	Maintenance Contracts	10,127	0	10,127	Repair	10,583	11,059	11,557	12,077	9.92%	6.42%	83.66%
280	Postage	0	0	0	Cust/Inf	0	0	0	0	9.92%	6.42%	83.66%
281	Printing	0	0	0	Cust/Inf	0	0	0	0	9.92%	6.42%	83.66%
281	Temporary Labor	1,294	0	1,294	Cust/Inf	1,444	1,665	1,884	2,069	9.92%	6.42%	83.66%
281	Professional Fees - Other	0	0	0	Inflation	0	0	0	0	9.92%	6.42%	83.66%
282	Training	0	0	0	Inflation	0	0	0	0	9.92%	6.42%	83.66%
282	Travel	0	0	0	Inflation	0	0	0	0	9.92%	6.42%	83.66%
282	Car Allowance	0	0	0	Inflation	0	0	0	0	9.92%	6.42%	83.66%
283	Communications	23,674	0	23,674	Cust/Inf	26,414	30,468	34,467	37,852	9.92%	6.42%	83.66%
283	Other Taxes	17,442	0	17,442	Inflation	17,878	18,325	18,783	19,253	9.92%	6.42%	83.66%
283	Utility Bad Debt Expense	11,300	0	11,300	Revenue	13,089	15,026	16,772	18,428	9.92%	6.42%	83.66%
284	Interest - Other	3,366	0	3,366	Inflation	3,450	3,536	3,625	3,715	9.92%	6.42%	83.66%
284	Administrative Charges - City	16,614	0	16,614	Inflation	17,029	17,455	17,891	18,339	9.92%	6.42%	83.66%
284	Contingency	500,000	0	500,000	Inflation	512,500	525,313	538,445	551,906	9.92%	6.42%	83.66%
285	Total	590,545	0	590,545		609,409	630,178	651,075	671,624	9.92%	6.42%	83.66%
Director of Water and Wastewater												
286	Salaries and Wages	121,873	0	121,873	Labor	127,967	134,365	141,083	148,137	50.00%	50.00%	0.00%
286	Overtime	0	0	0	Labor	0	0	0	0	50.00%	50.00%	0.00%
286	Advertising	0	0	0	Inflation	0	0	0	0	50.00%	50.00%	0.00%
287	Rentals	0	0	0	Inflation	0	0	0	0	50.00%	50.00%	0.00%
287	Maintenance of Buildings	0	0	0	Repair	0	0	0	0	50.00%	50.00%	0.00%
287	Maintenance of Vehicles	0	0	0	Repair	0	0	0	0	50.00%	50.00%	0.00%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
288	Maintenance of Equipment	110	0	110	Repair	115	120	126	131	50.00%	50.00%	0.00%
288	Maintenance Contracts	110	0	110	Repair	115	120	126	131	50.00%	50.00%	0.00%
288	Postage	220	0	220	Cust/Inf	245	283	320	352	50.00%	50.00%	0.00%
289	Printing	200	0	200	Cust/Inf	223	257	291	320	50.00%	50.00%	0.00%
289	Temporary Labor	0	0	0	Cust/Inf	0	0	0	0	50.00%	50.00%	0.00%
289	Professional Fees - Other	4,000	0	4,000	Inflation	4,100	4,203	4,308	4,415	50.00%	50.00%	0.00%
290	Training	2,000	0	2,000	Inflation	2,050	2,101	2,154	2,208	50.00%	50.00%	0.00%
290	Travel	1,800	0	1,800	Inflation	1,845	1,891	1,938	1,987	50.00%	50.00%	0.00%
290	Car Allowance	5,160	0	5,160	Inflation	5,289	5,421	5,557	5,696	50.00%	50.00%	0.00%
291	Communications	1,000	0	1,000	Cust/Inf	1,116	1,287	1,456	1,599	50.00%	50.00%	0.00%
291	Utilities	0	0	0	Inflation	0	0	0	0	50.00%	50.00%	0.00%
291	Employee Relations	400	0	400	Inflation	410	420	431	442	50.00%	50.00%	0.00%
292	Business Relations	300	0	300	Inflation	308	315	323	331	50.00%	50.00%	0.00%
292	Memberships Professional	5,400	0	5,400	Inflation	5,535	5,673	5,815	5,961	50.00%	50.00%	0.00%
292	Memberships Civic	200	0	200	Inflation	205	210	215	221	50.00%	50.00%	0.00%
293	Office Supplies	1,000	0	1,000	Inflation	1,025	1,051	1,077	1,104	50.00%	50.00%	0.00%
293	Subscriptions	1,500	0	1,500	Inflation	1,538	1,576	1,615	1,656	50.00%	50.00%	0.00%
293	Retirement	14,552	0	14,552	Labor	15,280	16,044	16,846	17,688	50.00%	50.00%	0.00%
294	FICA	9,323	0	9,323	Labor	9,789	10,279	10,793	11,332	50.00%	50.00%	0.00%
294	Employees' Insurance	17,000	0	17,000	HeaComp	18,700	20,570	22,627	24,890	50.00%	50.00%	0.00%
294	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	50.00%	50.00%	0.00%
295	Sick Pay Expense	0	0	0	Labor	0	0	0	0	50.00%	50.00%	0.00%
295	Licenses and Permits	0	0	0	Inflation	0	0	0	0	50.00%	50.00%	0.00%
295	Workers' Compensation	260	0	260	HeaComp	286	315	346	381	50.00%	50.00%	0.00%
296	Property and Liability Insurance	1,430	0	1,430	Insurance	1,502	1,577	1,655	1,738	50.00%	50.00%	0.00%
296	Total	187,838	0	187,838		197,641	208,078	219,102	230,718	50.00%	50.00%	0.00%
Water, Gas and Wastewater Engineering [Beginning with 2006 now allocated Water and Wastewater only. See Dept. 51]												
297	Salaries and Wages	711,756	0	711,756	Labor	747,344	784,711	823,947	865,144	50.00%	50.00%	0.00%
297	Overtime	7,500	0	7,500	Labor	7,875	8,269	8,682	9,116	50.00%	50.00%	0.00%
297	Advertising	0	0	0	Inflation	0	0	0	0	50.00%	50.00%	0.00%
298	Rentals	0	0	0	Inflation	0	0	0	0	50.00%	50.00%	0.00%
298	Maintenance of Buildings	0	0	0	Repair	0	0	0	0	50.00%	50.00%	0.00%
298	Maintenance of Vehicles	2,552	0	2,552	Repair	2,667	2,787	2,912	3,043	50.00%	50.00%	0.00%
299	Maintenance of Equipment	110	0	110	Repair	115	120	126	131	50.00%	50.00%	0.00%
299	Maintenance Contracts	0	0	0	Repair	0	0	0	0	50.00%	50.00%	0.00%
299	Postage	880	0	880	Cust/Inf	982	1,133	1,281	1,407	50.00%	50.00%	0.00%
300	Printing	1,650	0	1,650	Cust/Inf	1,841	2,124	2,402	2,638	50.00%	50.00%	0.00%

Table 4
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projection of Management Expenses and Cost Allocation

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	2008	2009	2010	2011	Percent Allocated to [2]		
		2007	Adjustments							Water	Wastewater	Other
300	Temporary Labor	0	0	0	Cust/Inf	0	0	0	0	50.00%	50.00%	0.00%
300	Professional Fees - Other	550	0	550	Inflation	564	578	592	607	50.00%	50.00%	0.00%
301	Training	8,800	0	8,800	Inflation	9,020	9,246	9,477	9,714	50.00%	50.00%	0.00%
301	Travel	3,300	0	3,300	Inflation	3,383	3,467	3,554	3,643	50.00%	50.00%	0.00%
301	Car Allowance	25,800	0	25,800	Inflation	26,445	27,106	27,784	28,478	50.00%	50.00%	0.00%
302	Communications	6,600	0	6,600	Cust/Inf	7,364	8,494	9,609	10,553	50.00%	50.00%	0.00%
302	Utilities	0	0	0	Inflation	0	0	0	0	50.00%	50.00%	0.00%
302	Employee Relations	330	0	330	Inflation	338	347	355	364	50.00%	50.00%	0.00%
303	Business Relations	110	0	110	Inflation	113	116	118	121	50.00%	50.00%	0.00%
303	Community Relations	110	0	110	Inflation	113	116	118	121	50.00%	50.00%	0.00%
303	Memberships Professional	1,320	0	1,320	Inflation	1,353	1,387	1,421	1,457	50.00%	50.00%	0.00%
304	Office Supplies	6,000	0	6,000	Inflation	6,150	6,304	6,461	6,623	50.00%	50.00%	0.00%
304	Subscriptions	275	0	275	Inflation	282	289	296	304	50.00%	50.00%	0.00%
304	Operating Supplies	4,347	0	4,347	Inflation	4,456	4,567	4,681	4,798	50.00%	50.00%	0.00%
305	Gas, Oil & Lubricants	6,356	0	6,356	Inflation	6,515	6,678	6,845	7,016	50.00%	50.00%	0.00%
305	Small Tools	275	0	275	Inflation	282	289	296	304	50.00%	50.00%	0.00%
305	Retirement	85,879	0	85,879	Labor	90,173	94,682	99,416	104,386	50.00%	50.00%	0.00%
306	FICA	55,023	0	55,023	Labor	57,774	60,663	63,696	66,881	50.00%	50.00%	0.00%
306	Employees' Insurance	153,000	0	153,000	HeaComp	168,300	185,130	203,643	224,007	50.00%	50.00%	0.00%
306	Vacation Pay Expense	0	0	0	Labor	0	0	0	0	50.00%	50.00%	0.00%
307	Sick Pay Expense	0	0	0	Labor	0	0	0	0	50.00%	50.00%	0.00%
307	Licenses and Permits	2,598	0	2,598	Inflation	2,663	2,730	2,798	2,868	50.00%	50.00%	0.00%
307	Workers' Compensation	6,990	0	6,990	HeaComp	7,689	8,458	9,304	10,234	50.00%	50.00%	0.00%
308	Property and Liability Insurance	9,160	0	9,160	Insurance	9,618	10,099	10,604	11,134	50.00%	50.00%	0.00%
308	Depreciation	16,000	0	16,000	Flat	16,000	16,000	16,000	16,000	50.00%	50.00%	0.00%
309	Total	1,117,271	0	1,117,271		1,179,417	1,245,885	1,316,419	1,391,093	50.00%	50.00%	0.00%
310	Total Management Expenses	<u>\$10,235,540</u>	<u>\$0</u>	<u>\$10,235,540</u>		<u>\$10,734,279</u>	<u>\$11,270,021</u>	<u>\$11,834,573</u>	<u>\$12,424,907</u>			

Footnotes:

[1] Amounts as presented in the Authority's Proposed 2007 Budgeted as provided by staff on July 17, 2006.

[2] Amount reflects the estimated allocation anticipated by the Authority based upon the Fiscal Year 2007 allocation results.

Table 5
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Water System Operating Expenses

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	Fiscal Year Ending September 30,				
		2007	Adjustments			2008	2009	2010	2011	
<u>Allocated Management Expenses</u>										
1	Board	\$28,532	\$0	\$28,532	Link	\$30,231	\$32,084	\$34,104	\$36,310	
2	Director of Utilities	74,397	0	74,397	Link	78,076	81,965	86,080	90,435	
3	Attorney	33,531	0	33,531	Link	35,260	37,092	39,035	41,096	
4	Human Resources	130,704	0	130,704	Link	137,010	143,696	150,789	158,319	
5	Internal Auditing and Risk Management	117,907	0	117,907	Link	123,791	130,014	136,599	143,571	
6	Finance	264,875	0	264,875	Link	279,801	294,756	310,632	327,493	
7	Materials Management	19,174	0	19,174	Link	20,073	21,028	22,043	23,122	
8	Shared Services	360,866	0	360,866	Link	376,049	392,000	408,767	426,398	
9	Information Systems	582,275	0	582,275	Link	605,481	630,043	656,053	683,609	
10	Federal Building	20,063	0	20,063	Link	20,610	21,180	21,772	22,389	
11	Communications	99,712	0	99,712	Link	104,456	109,481	114,806	120,455	
12	Customer Service	524,314	0	524,314	Link	556,410	593,153	631,540	670,427	
13	Administrative and General	58,579	0	58,579	Link	60,450	62,510	64,583	66,622	
14	Director of Water and Wastewater	93,919	0	93,919	Link	98,821	104,039	109,551	115,359	
15	Water, Gas and Wastewater Engineering	558,636	0	558,636	Link	589,708	622,943	658,209	695,546	
16	Additional Personnel	0	0	0	Link	216,315	454,261	476,974	500,823	
17	Contingency	2.5%	0	74,187	74,187	Input	83,314	93,256	98,038	103,049
18	Total	2,967,484	74,187	3,041,671		3,415,855	3,823,502	4,019,577	4,225,022	
<u>Water Resources</u>										
<u>Personnel Services</u>										
19	Salaries and Wages	958,080	0	958,080	Labor	1,005,984	1,056,283	1,109,097	1,164,552	
20	Overtime	85,000	0	85,000	Labor	89,250	93,713	98,398	103,318	
21	Additional Personnel	0	0	0	Link	165,415	347,372	364,741	382,978	
22	Total	1,043,080	0	1,043,080		1,260,649	1,497,368	1,572,237	1,650,848	
<u>Contractual Services</u>										
23	Rentals	6,000	0	6,000	Inflation	6,150	6,304	6,461	6,623	
24	Maintenance of Buildings	10,000	0	10,000	Repair	10,450	10,920	11,412	11,925	
25	Maintenance of Vehicles	10,500	0	10,500	Repair	10,973	11,466	11,982	12,521	
26	Maintenance of Equipment	22,500	0	22,500	Repair	23,513	24,571	25,676	26,832	
27	Maintenance of Contracts	110,000	0	110,000	Repair	114,950	120,123	125,528	131,177	
28	Postage	450	0	450	Inflation	461	473	485	497	
29	Printing	1,600	0	1,600	Inflation	1,640	1,681	1,723	1,766	
30	Professional Fees - Consulting	35,000	0	35,000	Inflation	35,875	36,772	37,691	38,633	
31	Temporary Labor	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760	
32	Professional Fees - Other	35,000	0	35,000	Inflation	35,875	36,772	37,691	38,633	
33	Training	4,000	0	4,000	Inflation	4,100	4,203	4,308	4,415	
34	Travel	350	0	350	Inflation	359	368	377	386	
35	Car Allowance	8,460	0	8,460	Inflation	8,672	8,888	9,110	9,338	
36	Communications	55,000	0	55,000	Inflation	56,375	57,784	59,229	60,710	
37	Utilities	946,592	0	946,592	WSales/Inf	1,004,604	1,082,338	1,157,544	1,222,670	
38	Employee Relations	1,250	0	1,250	Inflation	1,281	1,313	1,346	1,380	
39	Business Relations	250	0	250	Inflation	256	263	269	276	
40	Community Relations	250	0	250	Inflation	256	263	269	276	
41	Memberships - Professional	1,750	0	1,750	Inflation	1,794	1,839	1,885	1,932	
42	Memberships - Civic	0	0	0	Inflation	0	0	0	0	
43	Total	1,251,452	0	1,251,452		1,320,145	1,408,965	1,495,679	1,572,751	
<u>Commodities</u>										
44	Office Supplies	4,500	0	4,500	WSales/Inf	4,776	5,145	5,503	5,812	
45	Subscriptions	600	0	600	WSales/Inf	637	686	734	775	
46	Operating Supplies	150,000	0	150,000	WSales/Inf	159,193	171,511	183,428	193,748	
47	Chemicals	565,000	0	565,000	WSales/Inf	599,626	646,024	690,913	729,785	
48	Gas, Oil & Lubricants	17,500	0	17,500	WSales/Inf	18,572	20,010	21,400	22,604	
49	Small Tools	2,500	0	2,500	WSales/Inf	2,653	2,859	3,057	3,229	
50	Fuel Oil	2,200	0	2,200	WSales/Inf	2,335	2,515	2,690	2,842	
51	Total	742,300	0	742,300		787,792	848,749	907,725	958,795	
<u>Fixed</u>										
52	Retirement	127,890	0	127,890	Labor	134,285	140,999	148,049	155,451	
53	FICA	81,940	0	81,940	Labor	86,037	90,339	94,856	99,599	
54	Employees' Insurance	283,000	0	283,000	HeaComp	311,300	342,430	376,673	414,340	

Table 5
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projected Water System Operating Expenses

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	Fiscal Year Ending September 30,			
		2007	Adjustments			2008	2009	2010	2011
55	Vacation Pay Expense	0	0	0	Labor	0	0	0	0
56	Sick Pay Expense	0	0	0	Labor	0	0	0	0
57	Licenses and Permits	3,500	0	3,500	Inflation	3,588	3,677	3,769	3,863
58	Workers' Compensation	57,960	0	57,960	HeaComp	63,756	70,132	77,145	84,859
59	Property and Liability Insurance	194,060	0	194,060	Insurance	203,763	213,951	224,649	235,881
60	Depreciation Expense	1,312,000	(1,312,000)	0	Flat	0	0	0	0
61	Contingency	2.5% 0	94,630	94,630	Input	104,283	115,415	122,520	129,410
62	Total	2,060,350	(1,217,370)	842,980		907,011	976,943	1,047,660	1,123,403
63	Total Water Resources	5,097,182	(1,217,370)	3,879,812		4,275,598	4,732,026	5,023,300	5,305,798
<u>Water Operations</u>									
<u>Personnel Services</u>									
64	Salaries and Wages	1,059,963	0	1,059,963	Labor	1,112,961	1,168,609	1,227,040	1,288,392
65	Overtime	70,934	0	70,934	Labor	74,481	78,205	82,115	86,221
66	Additional Personnel	0	0	0	Link	183,832	386,047	405,349	425,617
67	Total	1,130,897	0	1,130,897		1,371,274	1,632,861	1,714,504	1,800,229
<u>Contractual Services</u>									
68	Advertising	739	0	739	Inflation	757	776	796	816
69	Rentals	222	0	222	Inflation	228	233	239	245
70	Maintenance of Buildings	0	0	0	Repair	0	0	0	0
71	Maintenance of Vehicles	51,593	0	51,593	Repair	53,915	56,341	58,876	61,526
72	Maintenance of Equipment	12,686	0	12,686	Repair	13,257	13,853	14,477	15,128
73	Relocations and Repairs	1,496	0	1,496	Repair	1,563	1,634	1,707	1,784
74	Maintenance of Contracts	184,978	0	184,978	Repair	193,302	202,001	211,091	220,590
75	Postage	110	0	110	Inflation	113	116	118	121
76	Printing	1,800	0	1,800	Inflation	1,845	1,891	1,938	1,987
77	Professional Fees - Consulting	0	0	0	Inflation	0	0	0	0
78	Temporary Labor	16,067	0	16,067	Inflation	16,469	16,880	17,302	17,735
79	Professional Fees - Other	20,852	0	20,852	Inflation	21,373	21,908	22,455	23,017
80	Training	9,089	0	9,089	Inflation	9,316	9,549	9,788	10,033
81	Travel	110	0	110	Inflation	113	116	118	121
82	Car Allowance	7,740	0	7,740	Inflation	7,934	8,132	8,335	8,544
83	Communications	9,668	0	9,668	Inflation	9,910	10,157	10,411	10,672
84	Utilities	20,909	0	20,909	Inflation	21,432	21,968	22,517	23,080
85	Employee Relations	1,285	0	1,285	Inflation	1,317	1,350	1,384	1,418
86	Business Relations	0	0	0	Inflation	0	0	0	0
87	Community Relations	0	0	0	Inflation	0	0	0	0
88	Memberships - Professional	366	0	366	Inflation	375	385	394	404
89	Memberships - Civic	0	0	0	Inflation	0	0	0	0
90	Total	339,710	0	339,710		353,218	367,289	381,948	397,219
<u>Commodities</u>									
91	Office Supplies	14,749	0	14,749	WSales/Inf	15,653	16,864	18,036	19,051
92	Subscriptions	1,602	0	1,602	WSales/Inf	1,700	1,832	1,959	2,069
93	Operating Supplies	105,600	0	105,600	WSales/Inf	112,072	120,744	129,133	136,399
94	Chemicals	0	0	0	WSales/Inf	0	0	0	0
95	Gas, Oil & Lubricants	62,168	0	62,168	WSales/Inf	65,978	71,083	76,022	80,300
96	Small Tools	7,267	0	7,267	WSales/Inf	7,712	8,309	8,886	9,386
97	Fuel Oil	0	0	0	WSales/Inf	0	0	0	0
98	Total	191,386	0	191,386		203,115	218,832	234,037	247,205
<u>Fixed</u>									
99	Retirement	139,170	0	139,170	Labor	146,129	153,435	161,107	169,162
100	FICA	89,166	0	89,166	Labor	93,624	98,306	103,221	108,382
101	Employees' Insurance	266,000	0	266,000	HeaComp	292,600	321,860	354,046	389,451
102	Vacation Pay Expense	0	0	0	Labor	0	0	0	0
103	Sick Pay Expense	0	0	0	Labor	0	0	0	0
104	Licenses and Permits	1,239	0	1,239	Inflation	1,270	1,302	1,334	1,368
105	Workers' Compensation	35,560	0	35,560	HeaComp	39,116	43,028	47,330	52,063
106	Property and Liability Insurance	55,800	0	55,800	Insurance	58,590	61,520	64,595	67,825
107	Unemployment Claims	0	0	0	Labor	0	0	0	0
108	Nonutility Bad Debt Expense	0	0	0	Flat	0	0	0	0

Table 5
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projected Water System Operating Expenses

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	Fiscal Year Ending September 30,				
		2007	Adjustments			2008	2009	2010	2011	
109	Depreciation Expense	1,642,000	(1,642,000)	0	Flat	0	0	0	0	
110	Contingency	2.5%	0	56,223	56,223	Input	63,973	72,461	76,553	80,823
111	Total									
		2,228,935	(1,585,777)	643,158		695,302	751,910	808,187	869,073	
112	Total Water Operations	3,890,928	(1,585,777)	2,305,151		2,622,909	2,970,891	3,138,675	3,313,726	
	Administration & General									
113	Salaries and Wages	0	0	0	Labor	0	0	0	0	
114	Overtime	0	0	0	Labor	0	0	0	0	
115	Additional Personnel	0	0	0	Link	0	0	0	0	
116	Rentals	3,210	0	3,210	Inflation	3,290	3,373	3,457	3,543	
117	Maintenance of Buildings	24,926	0	24,926	Repair	26,048	27,220	28,445	29,725	
118	Maintenance of Equipment	0	0	0	Repair	0	0	0	0	
119	Relocations and Repairs - City	0	0	0	Repair	0	0	0	0	
120	Maintenance of Contracts	33,460	0	33,460	Repair	34,966	36,539	38,183	39,902	
121	Temporary Labor	3,777	0	3,777	Inflation	3,871	3,968	4,067	4,169	
122	Communications	20,407	0	20,407	Inflation	20,917	21,440	21,976	22,526	
123	Memberships - Professional	0	0	0	Inflation	0	0	0	0	
124	Gross Receipts Tax	0	0	0	WRevenue	0	0	0	0	
125	Licenses and Permits	0	0	0	Inflation	0	0	0	0	
126	Civic Contributions	0	0	0	Inflation	0	0	0	0	
127	Utility Bad Debt Expense	40,500	0	40,500	WRevenue	46,966	50,600	54,116	57,160	
128	Interest Bonds	1,121,726	(1,121,726)	0	Flat	0	0	0	0	
129	Interest - Deposits	10,789	0	10,789	WCustomer	11,646	12,966	14,194	15,128	
130	Capitalized Interest	(61,400)	61,400	0	Flat	0	0	0	0	
131	Amortization - Bond Discount / Exp	(47,192)	47,192	0	Flat	0	0	0	0	
132	Administrative Charges - City	17,712	0	17,712	Flat	17,712	17,712	17,712	17,712	
133	Distribution to the City of Fort Pierce	756,865	(756,865)	0	Flat	0	0	0	0	
134	Depreciation Expense	49,000	(49,000)	0	Flat	0	0	0	0	
135	Contingency	2.5%	100,000	(96,130)	3,870	Input	4,135	4,345	4,554	4,747
136	Total Administration & General	2,073,780	(1,915,129)	158,651		169,551	178,163	186,704	194,611	
137	Total Operating Expenses	\$14,029,374	(\$4,644,090)	\$9,385,284		\$10,483,912	\$11,704,582	\$12,368,256	\$13,039,157	
						11.71%	11.64%	5.67%	5.42%	

Footnotes:

[1] Amounts as presented in the Authority's Proposed 2007 Budgeted as provided by staff on July 17, 2006.

Table 6
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projected Wastewater System Operating Expenses

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	Fiscal Year Ending September 30,			
		2007	Adjustments			2008	2009	2010	2011
<u>Allocated Management Expenses</u>									
1	Board	\$22,373	\$0	\$22,373	Link	\$23,705	\$25,158	\$26,743	\$28,472
2	Director of Utilities	58,337	0	58,337	Link	61,221	64,272	67,498	70,913
3	Attorney	26,293	0	26,293	Link	27,648	29,085	30,609	32,225
4	Human Resources	84,561	0	84,561	Link	88,641	92,966	97,555	102,427
5	Internal Auditing and Risk Management	92,454	0	92,454	Link	97,068	101,948	107,111	112,577
6	Finance	207,694	0	207,694	Link	219,398	231,125	243,573	256,794
7	Materials Management	7,676	0	7,676	Link	8,036	8,418	8,825	9,256
8	Shared Services	247,633	0	247,633	Link	258,051	268,997	280,503	292,602
9	Information Systems	395,697	0	395,697	Link	411,467	428,159	445,835	464,561
10	Federal Building	15,839	0	15,839	Link	16,271	16,721	17,188	17,676
11	Communications	78,187	0	78,187	Link	81,907	85,847	90,023	94,452
12	Customer Service	411,126	0	411,126	Link	436,293	465,104	495,204	525,696
13	Administrative and General	37,899	0	37,899	Link	39,110	40,442	41,784	43,102
14	Director of Water and Wastewater	93,919	0	93,919	Link	98,821	104,039	109,551	115,359
15	Water, Gas and Wastewater Engineering	558,636	0	558,636	Link	589,708	622,943	658,209	695,546
16	Additional Personnel	0	0	0	Link	190,201	399,422	419,393	440,363
17	Contingency	2.5%	0	58,458	Input	66,189	74,616	78,490	82,551
18	Total	2,338,324	58,458	2,396,782		2,713,735	3,059,262	3,218,093	3,384,572
<u>Wastewater Systems</u>									
<u>Personnel Services</u>									
19	Salaries and Wages	1,032,077	0	1,032,077	Labor	1,083,681	1,137,865	1,194,758	1,254,496
20	Overtime	65,000	0	65,000	Labor	68,250	71,663	75,246	79,008
21	Additional Personnel	0	0	0	Link	0	277,958	1,021,495	1,072,569
22	Total	1,097,077	0	1,097,077		1,151,931	1,487,485	2,291,498	2,406,073
<u>Contractual Services</u>									
23	Advertising	1,300	0	1,300	Inflation	1,333	1,366	1,400	1,435
24	Rentals	9,500	0	9,500	Inflation	9,738	9,981	10,230	10,486
25	Maintenance of Buildings	1,650	0	1,650	Repair	1,724	1,802	1,883	1,968
26	Maintenance of Vehicles	22,500	0	22,500	Repair	23,513	24,571	25,676	26,832
27	Maintenance of Equipment	70,000	0	70,000	Repair	73,150	76,442	79,882	83,476
28	Relocations & Repairs	0	0	0	Repair	0	0	0	0
29	Maintenance of Contracts	660,000	0	660,000	Repair	689,700	720,737	753,170	787,062
30	Postage	1,200	0	1,200	Inflation	1,230	1,261	1,292	1,325
31	Printing	2,600	0	2,600	Inflation	2,665	2,732	2,800	2,870
32	Professional Fees - Consulting	20,000	0	20,000	Inflation	20,500	21,013	21,538	22,076
33	Temporary Labor	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760
34	Professional Fees - Other	20,000	0	20,000	Inflation	20,500	21,013	21,538	22,076
35	Training	5,000	0	5,000	Inflation	5,125	5,253	5,384	5,519
36	Travel	750	0	750	Inflation	769	788	808	828
37	Car Allowance	3,300	0	3,300	Inflation	3,383	3,467	3,554	3,643
38	Communications	13,000	0	13,000	Inflation	13,325	13,658	14,000	14,350
39	Utilities [2]	907,228	0	907,228	SSales/Inf	977,799	1,074,406	1,516,983	1,605,604
40	Employee Relations	1,100	0	1,100	Inflation	1,128	1,156	1,185	1,214
41	Business Relations	150	0	150	Inflation	154	158	162	166
42	Community Relations	400	0	400	Inflation	410	420	431	442
43	Memberships - Professional	2,000	0	2,000	Inflation	2,050	2,101	2,154	2,208
44	Memberships - Civic	0	0	0	Inflation	0	0	0	0
45	Total	1,744,178	0	1,744,178		1,850,756	1,984,948	2,466,760	2,596,338
<u>Commodities</u>									
46	Office Supplies	2,000	0	2,000	SSales/Inf	2,156	2,369	2,571	2,743
47	Subscriptions	250	0	250	SSales/Inf	269	296	321	343
48	Operating Supplies	181,500	0	181,500	SSales/Inf	195,618	214,946	233,362	248,931
49	Chemicals [2]	185,000	0	185,000	SSales/Inf	199,391	219,090	309,340	327,412
50	Gas, Oil & Lubricants	30,000	0	30,000	SSales/Inf	32,334	35,528	38,572	41,146
51	Small Tools	5,500	0	5,500	SSales/Inf	5,928	6,514	7,072	7,543
52	Fuel Oil	0	0	0	SSales/Inf	0	0	0	0
53	Total	404,250	0	404,250		435,696	478,742	591,239	628,118
<u>Fixed</u>									
54	Retirement	130,991	0	130,991	Labor	137,541	144,418	151,638	159,220

Table 6
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Wastewater System Operating Expenses

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	Fiscal Year Ending September 30,			
		2007	Adjustments			2008	2009	2010	2011
55	FICA	83,926	0	83,926	Labor	88,122	92,528	97,155	102,013
56	Employees' Insurance	301,000	0	301,000	HeaComp	331,100	364,210	400,631	440,694
57	Vacation Pay Expense	0	0	0	Labor	0	0	0	0
58	Sick Pay Expense	0	0	0	Labor	0	0	0	0
59	Licenses and Permits	5,000	0	5,000	Inflation	5,125	5,253	5,384	5,519
60	Workers' Compensation	22,730	0	22,730	HeaComp	25,003	27,503	30,254	33,279
61	Property and Liability Insurance	138,240	0	138,240	Insurance	145,152	152,410	160,030	168,032
62	Unemployment claims	2,083	0	2,083	Labor	2,187	2,297	2,411	2,532
63	Depreciation Expense	1,211,000	(1,211,000)	0	Flat	0	0	0	0
64	Contingency	2.5%	98,237	98,237	Input	104,315	118,495	154,925	163,545
65	Total	1,894,970	(1,112,763)	782,207		838,545	907,113	1,002,429	1,074,834
66	Total Wastewater Systems	5,140,475	(1,112,763)	4,027,712		4,276,927	4,858,289	6,351,926	6,705,363
	<u>Wastewater Operations</u>								
	<u>Personnel Services</u>								
67	Salaries and Wages	575,098	0	575,098	Labor	603,853	634,046	665,748	699,035
68	Overtime	38,334	0	38,334	Labor	40,251	42,263	44,376	46,595
69	Additional Personnel	0	0	0	Link	161,717	339,605	356,585	374,415
70	Total	613,432	0	613,432		805,820	1,015,914	1,066,710	1,120,045
	<u>Contractual Services</u>								
71	Advertising	2,629	0	2,629	Inflation	2,695	2,762	2,831	2,902
72	Rentals	0	0	0	Inflation	0	0	0	0
73	Maintenance of Buildings	0	0	0	Repair	0	0	0	0
74	Maintenance of Vehicles	41,572	0	41,572	Repair	43,443	45,398	47,441	49,575
75	Maintenance of Equipment	1,234	0	1,234	Repair	1,290	1,348	1,408	1,472
76	Relocations and Repairs	2,046	0	2,046	Repair	2,138	2,234	2,335	2,440
77	Maintenance of Contracts	138,998	0	138,998	Repair	145,253	151,789	158,620	165,758
78	Postage	22	0	22	Inflation	23	23	24	24
79	Printing	989	0	989	Inflation	1,014	1,039	1,065	1,092
80	Professional Fees - Consulting	0	0	0	Inflation	0	0	0	0
81	Temporary Labor	0	0	0	Inflation	0	0	0	0
82	Professional Fees - Other	4,169	0	4,169	Inflation	4,273	4,380	4,490	4,602
83	Training	2,500	0	2,500	Inflation	2,563	2,627	2,692	2,760
84	Travel	0	0	0	Inflation	0	0	0	0
85	Car Allowance	4,560	0	4,560	Inflation	4,674	4,791	4,911	5,033
86	Communications	4,378	0	4,378	Inflation	4,487	4,600	4,715	4,832
87	Utilities	20,200	0	20,200	Inflation	20,705	21,223	21,753	22,297
88	Employee Relations	589	0	589	Inflation	604	619	634	650
89	Business Relations	0	0	0	Inflation	0	0	0	0
90	Community Relations	0	0	0	Inflation	0	0	0	0
91	Memberships - Professional	0	0	0	Inflation	0	0	0	0
92	Memberships - Civic	0	0	0	Inflation	0	0	0	0
93	Total	223,886	0	223,886		233,160	242,832	252,918	263,437
	<u>Commodities</u>								
94	Office Supplies	1,599	0	1,599	SSales/Inf	1,723	1,894	2,056	2,193
95	Subscriptions	928	0	928	SSales/Inf	1,000	1,099	1,193	1,273
96	Operating Supplies	50,087	0	50,087	SSales/Inf	53,983	59,317	64,399	68,695
97	Chemicals	0	0	0	SSales/Inf	0	0	0	0
98	Gas, Oil & Lubricants	26,209	0	26,209	SSales/Inf	28,248	31,039	33,698	35,946
99	Small Tools	2,866	0	2,866	SSales/Inf	3,089	3,394	3,685	3,931
100	Fuel Oil	0	0	0	SSales/Inf	0	0	0	0
101	Total	81,689	0	81,689		88,043	96,742	105,031	112,038
	<u>Fixed</u>								
102	Retirement	77,384	0	77,384	Labor	81,253	85,316	89,582	94,061
103	FICA	49,580	0	49,580	Labor	52,059	54,662	57,395	60,265
104	Employees' Insurance	110,000	0	110,000	HeaComp	121,000	133,100	146,410	161,051
105	Vacation Pay Expense	0	0	0	Labor	0	0	0	0
106	Sick Pay Expense	0	0	0	Labor	0	0	0	0
107	Licenses and Permits	1,845	0	1,845	Inflation	1,891	1,938	1,987	2,037
108	Workers' Compensation	8,350	0	8,350	HeaComp	9,185	10,104	11,114	12,225

Table 6
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projected Wastewater System Operating Expenses

Line No.	Description	Budget [1]		Adjusted Budget	Escalation Factor	Fiscal Year Ending September 30,				
		2007	Adjustments			2008	2009	2010	2011	
109	Property and Liability Insurance	17,520	0	17,520	Insurance	18,396	19,316	20,282	21,296	
110	Unemployment Claims	0	0	0	Labor	0	0	0	0	
111	Nonutility Bad Debt Expense	0	0	0	Flat	0	0	0	0	
112	Depreciation Expense	910,000	(910,000)	0	Flat	0	0	0	0	
113	Contingency	2.5%	0	29,592	29,592	Input	35,270	41,498	43,786	46,161
114	Total	1,174,679	(880,408)	294,271		319,055	345,934	370,555	397,095	
115	Total Wastewater Operations	2,093,686	(880,408)	1,213,278		1,446,078	1,701,421	1,795,213	1,892,616	
Administration & General										
116	Salaries and Wages	0	0	0	Labor	0	0	0	0	
117	Overtime	0	0	0	Labor	0	0	0	0	
118	Additional Personnel	0	0	0	Link	0	0	0	0	
119	Rentals	2,121	0	2,121	Inflation	2,174	2,228	2,284	2,341	
120	Maintenance of Buildings	29,011	0	29,011	Repair	30,316	31,681	33,106	34,596	
121	Maintenance of Equipment	0	0	0	Repair	0	0	0	0	
122	Relocations and Repairs - City	0	0	0	Repair	0	0	0	0	
123	Maintenance of Contracts	30,758	0	30,758	Repair	32,142	33,589	35,100	36,679	
124	Temporary Labor	7,436	0	7,436	Inflation	7,622	7,812	8,008	8,208	
125	Communications	13,620	0	13,620	Inflation	13,961	14,310	14,667	15,034	
126	Memberships - Professional	0	0	0	Inflation	0	0	0	0	
127	Gross Receipts Tax	0	0	0	SRevenue	0	0	0	0	
128	Licenses and Permits	0	0	0	Inflation	0	0	0	0	
129	Civic Contributions	0	0	0	Inflation	0	0	0	0	
130	Utility Bad Debt Expense	35,900	0	35,900	SRevenue	41,524	51,190	59,643	67,967	
131	Interest Bonds	611,144	(611,144)	0	Flat	0	0	0	0	
132	Interest - Deposits	8,633	0	8,633	SCustomer	9,496	10,828	12,067	13,010	
133	Capitalized Interest	(12,400)	12,400	0	Flat	0	0	0	0	
134	Amortization - Bond Discount / Exp	(95,117)	95,117	0	Flat	0	0	0	0	
135	Administrative Charges - City	18,467	0	18,467	Flat	18,467	18,467	18,467	18,467	
136	Distribution to the City of Fort Pierce	623,474	(623,474)	0	Flat	0	0	0	0	
137	Depreciation Expense	43,000	(43,000)	0	Flat	0	0	0	0	
138	Contingency	2.5%	100,000	(96,351)	3,649	Input	3,893	4,253	4,584	4,908
139	Total Administration & General	1,416,047	(1,266,452)	149,595		159,595	174,357	187,926	201,211	
140	Total Operating Expenses	\$10,988,532	(\$3,201,165)	\$7,787,366		\$8,596,336	\$9,793,329	\$11,553,158	\$12,183,761	
						10.39%	13.92%	17.97%	5.46%	

Footnotes:

- [1] Amounts as presented in the Authority's Proposed 2007 Budgeted as provided by staff on July 17, 2006.
- [2] Based on discussions with Authority staff, the following additional incremental costs are anticipated based on the planned mainland wastewater plant. The amounts are included above as indicated and were based on average daily treated flows of approximately 3.7 MGD.

	Budget		Adjusted Budget	Escalation Factor	Fiscal Year Ending September 30,			
	2007	Adjustments			2008	2009	2010	2011
Utilities	\$0	\$0	\$0	Calculated	\$0	\$0	\$350,522	\$361,320
Chemicals	0	0	0	Calculated	0	0	71,478	73,680
Total Incremental Costs	\$0	\$0	\$0		\$0	\$0	\$422,000	\$435,000

Table 7
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Operating Expense Escalation Factors

Line No.	Description	Escalation Reference	Escalation Factors			
			2008	2009	2010	2011
			3	4	5	6
1	Constant	Flat	1.0000	1.0000	1.0000	1.0000
2	General Inflation	Inflation	1.0250	1.0250	1.0250	1.0250
3	Labor	Labor	1.0500	1.0500	1.0500	1.0500
4	Repair and Maintenance	Repair	1.0450	1.0450	1.0450	1.0450
5	Customer Growth - Accounts	Customer	1.0885	1.1254	1.1036	1.0714
6	Customer Growth plus Inflation	Cust/Inf	1.1157	1.1535	1.1312	1.0982
7	Customer Growth - Water Accounts	WCustomer	1.0794	1.1134	1.0947	1.0658
8	Customer Growth plus Inflation	WCust/Inf	1.1064	1.1412	1.1221	1.0924
9	Customer Growth - Sewer Accounts	SCustomer	1.1000	1.1402	1.1145	1.0781
10	Customer Growth plus Inflation	SCust/Inf	1.1275	1.1687	1.1424	1.1051
11	Water Production	WSales	1.0354	1.0511	1.0434	1.0305
12	Water Production plus Inflation	WSales/Inf	1.0613	1.0774	1.0695	1.0563
13	Treated Wastewater	SSales	1.0515	1.0720	1.0592	1.0407
14	Treated Wastewater plus Inflation	SSales/Inf	1.0778	1.0988	1.0857	1.0667
15	Elimination Factor	Eliminate	0.0000	0.0000	0.0000	0.0000
16	Property and Liability Insurance	Insurance	1.0500	1.0500	1.0500	1.0500
17	Employee Insurance	HeaComp	1.1000	1.1000	1.1000	1.1000
18	Rate Revenue	Revenue	1.1583	1.1481	1.1162	1.0987
19	Water Rate Revenue	WRevenue	1.1596	1.0774	1.0695	1.0563
20	Wastewater Rate Revenue	SRevenue	1.1567	1.2328	1.1651	1.1396
21	Available		0.0000	0.0000	0.0000	0.0000
Compounded						
22	Constant	Flat	1.0000	1.0000	1.0000	1.0000
23	General Inflation	Inflation	1.0250	1.0506	1.0769	1.1038
24	Labor	Labor	1.0500	1.1025	1.1576	1.2155
25	Repair and Maintenance	Repair	1.0450	1.0920	1.1412	1.1925
26	Customer Growth - Accounts	Customer	1.0885	1.2250	1.3519	1.4485
27	Customer Growth plus Inflation	Cust/Inf	1.1157	1.2870	1.4559	1.5989
28	Customer Growth - Water Accounts	WCustomer	1.0794	1.2018	1.3156	1.4022
29	Customer Growth plus Inflation	WCust/Inf	1.1064	1.2626	1.4168	1.5477
30	Customer Growth - Sewer Accounts	SCustomer	1.1000	1.2542	1.3978	1.5070
31	Customer Growth plus Inflation	SCust/Inf	1.1275	1.3177	1.5053	1.6634
32	Water Production	WSales	1.0354	1.0883	1.1355	1.1702
33	Water Production plus Inflation	WSales/Inf	1.0613	1.1434	1.2229	1.2917
34	Treated Wastewater	SSales	1.0515	1.1272	1.1939	1.2425
35	Treated Wastewater plus Inflation	SSales/Inf	1.0778	1.1843	1.2857	1.3715
36	Elimination Factor	Eliminate	0.0000	0.0000	0.0000	0.0000
37	Property and Liability Insurance	Insurance	1.0500	1.1025	1.1576	1.2155
38	Employee Insurance	HeaComp	1.1000	1.2100	1.3310	1.4641
39	Rate Revenue	Revenue	1.1583	1.3298	1.4843	1.6308
40	Water Rate Revenue	WRevenue	1.1596	1.2494	1.3362	1.4114
41	Wastewater Rate Revenue	SRevenue	1.1567	1.4259	1.6614	1.8932
42	Available		0.0000	0.0000	0.0000	0.0000

**Table 8
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRFFY 2010**

Summary of Capital Funding Program

Line No.	Description	Project Number	Funding	Base Capital Costs [1]					Forecasted Capital Costs						
				2007	2008	2009	2010	2011	Total	2007	2008	2009	2010	2011	Total
										1.0000	1.0450	1.0920	1.1412	1.1925	
CAPITAL PROJECTS															
Water System															
<u>Water Resources</u>															
1	Plant Security Equipment	601	REV	\$10,000	\$0	\$10,000	\$0	\$10,000	\$30,000	\$10,000	\$0	\$10,920	\$0	\$11,925	\$32,845
2	Effluent Valve / Pipe Unit #1	637	REV	30,000	0	0	0	0	30,000	30,000	0	0	0	0	30,000
3	Submersible Well Pumps	632507002	REV	14,000	14,000	14,000	14,000	14,000	70,000	14,000	14,630	15,288	15,977	16,695	76,590
4	Submersible Electric Motors	632507002	REV	20,000	20,000	20,000	25,000	25,000	110,000	20,000	20,900	21,840	28,530	29,813	121,083
5	Lab Equipment	639507001	REV	2,000	2,000	2,000	2,000	2,000	10,000	2,000	2,090	2,184	2,282	2,385	10,941
6	Pickup Trucks 1/2 Ton	639207001	REV	37,000	17,500	17,500	17,500	17,500	107,000	37,000	18,288	19,110	19,971	20,869	115,238
7	Analytical Treatment Equipment	633207001	REV	3,500	5,000	1,500	5,000	1,500	16,500	3,500	5,225	1,638	5,706	1,789	17,858
8	Well Boom Truck	639207002	REV	130,000	0	0	0	0	130,000	130,000	0	0	0	0	130,000
9	Backwash Pump/Motor	633207002	REV	50,000	0	0	0	0	50,000	50,000	0	0	0	0	50,000
10	Well Flow Meters	631407001	REV	30,000	10,000	10,000	10,000	10,000	70,000	30,000	10,450	10,920	11,412	11,925	74,707
11	Ice Machine	639507002	REV	2,000	0	0	0	0	2,000	2,000	0	0	0	0	2,000
12	Sandblasting Machine	639407001	REV	2,000	0	0	0	0	2,000	2,000	0	0	0	0	2,000
13	Ongoing Equipment Needs		REV	0	262,000	255,500	257,000	250,500	1,025,000	0	273,790	279,006	293,288	298,721	1,144,805
14	Total			330,500	330,500	330,500	330,500	330,500	1,652,500	330,500	345,373	360,906	377,166	394,122	1,808,067
<u>Water Operations</u>															
15	Pickup Truck 1 ton	639207003	REV	30,000	0	0	0	0	30,000	30,000	0	0	0	0	30,000
16	Pickup Truck 1/2 Ton	639207004	REV	25,000	0	0	0	0	25,000	25,000	0	0	0	0	25,000
17	Pickup Truck 3/4 Ton	639207005	REV	25,000	0	0	0	0	25,000	25,000	0	0	0	0	25,000
18	Hand-held GPS Units	639907001	REV	36,000	0	0	0	0	36,000	36,000	0	0	0	0	36,000
19	Hydrastop Equipment Upgrade	634307001	REV	10,000	10,000	10,000	10,000	10,000	50,000	10,000	10,450	10,920	11,412	11,925	54,707
20	Ground Penetrating Radar	634307002	REV	23,000	0	0	0	0	23,000	23,000	0	0	0	0	23,000
21	Skid-mounted Vacuum Excavator	634307003	REV	18,000	0	0	0	0	18,000	18,000	0	0	0	0	18,000
22	Trailer-mounted Air Compressor	639207006	REV	20,000	0	0	0	0	20,000	20,000	0	0	0	0	20,000
23	Automatic Flushing Devices	634307004	REV	36,000	0	0	0	0	36,000	36,000	0	0	0	0	36,000
24	Ongoing Equipment Needs		REV	0	213,000	213,000	213,000	213,000	852,000	0	222,585	232,596	243,076	254,003	952,260
25	Total			223,000	223,000	223,000	223,000	223,000	1,115,000	223,000	233,035	243,516	254,488	265,928	1,219,967
<u>Water Engineering</u>															
26	Meters/Backflow Preventer Installations	603	REV	350,000	367,000	385,000	404,000	424,000	1,930,000	350,000	367,000	385,000	404,000	424,000	1,930,000
27	Fire Hydrants Replacements	606	REV	15,000	16,380	17,117	17,887	18,500	84,884	15,000	16,380	17,117	17,887	18,500	84,884
28	Fire Hydrants New Installations	607	REV	50,000	50,000	50,000	50,000	50,000	250,000	50,000	52,250	54,600	57,060	59,625	273,535
29	Meter Chargeouts and Replacements	612	REV	50,000	150,000	150,000	150,000	150,000	650,000	50,000	156,750	163,800	171,180	178,875	720,605
30	Well Telemetry and Controls	613	REV	25,000	10,000	10,000	10,000	10,000	65,000	25,000	10,450	10,920	11,412	11,925	69,707
31	Mains, Services & Valve Replacements	615	REV	250,000	250,000	250,000	250,000	250,000	1,250,000	250,000	261,250	273,000	285,300	298,125	1,367,675
32	Mainline Replacement Program	619	REV	150,000	150,000	150,000	150,000	150,000	750,000	150,000	156,750	163,800	171,180	178,875	820,605
33	Intergovernmental, Oversizing & Miscellaneous	620	CIC	956,500	300,000	2,000,000	2,000,000	2,000,000	7,256,500	956,500	313,500	2,184,000	2,282,400	2,385,000	8,121,400
34	2nd Deep Injection Well at WTP	694	Debt 2	10,000	0	0	0	0	10,000	10,000	0	0	0	0	10,000
35	2nd Deep Injection Well at WTP	694	Debt 2	0	5,000,000	0	0	0	5,000,000	0	5,000,000	0	0	0	5,000,000
36	Repump Metering	602	Debt 2	15,000	0	0	0	0	15,000	15,000	0	0	0	0	15,000
37	7th Street Water Improvements	632	Debt 2	250,000	0	0	0	0	250,000	250,000	0	0	0	0	250,000
38	High Service Pumps - WTP	642	Debt 2	100,000	0	0	0	0	100,000	100,000	0	0	0	0	100,000
39	Variable Frequency Drives / Repump #2	646	Debt 2	50,000	0	0	0	0	50,000	50,000	0	0	0	0	50,000
40	Master Plan 25th Street	654	Debt 2	100,000	0	0	0	0	100,000	100,000	0	0	0	0	100,000
41	US#1 _ Midway Road to Riomar	658	Debt 2	50,000	0	0	0	0	50,000	50,000	0	0	0	0	50,000
42	South A la - US#1 to Blue Heron Boulevard	660	Debt 2	300,000	150,000	150,000	0	0	600,000	300,000	150,000	150,000	0	0	600,000
43	Valve Replacement - Repump #1	683	Debt 2	100,000	0	0	0	0	100,000	100,000	0	0	0	0	100,000
44	Replacement of Surficial Wells	697	Debt 2	400,000	0	0	0	0	400,000	400,000	0	0	0	0	400,000
45	Replacement of Surficial Wells	697	Debt 2	0	400,000	0	0	0	400,000	0	400,000	0	0	0	400,000
46	Parkland Blvd Water Mains	698	Debt 2	150,000	0	0	0	0	150,000	150,000	0	0	0	0	150,000
47	Floridan Aquifer Wells	699	Debt 2	2,000,000	0	0	0	0	2,000,000	2,000,000	0	0	0	0	2,000,000
48	RO Equipment Replacement	604	REV	50,000	50,000	50,000	50,000	50,000	250,000	50,000	52,250	54,600	57,060	59,625	273,535
49	Generators for Floridan Wellfield	689	CIC	100,000	750,000	0	0	0	850,000	100,000	750,000	0	0	0	850,000
50	RO Plant Phase 3 Improvements	697	CIC	50,000	600,000	0	0	0	650,000	50,000	600,000	0	0	0	650,000
51	Harmony Heights MSBU	623	MSBU	1,767,594	0	0	0	0	1,767,594	1,767,594	0	0	0	0	1,767,594
52	Harmony Heights MSBU - City Match	623	OR	626,203	0	0	0	0	626,203	626,203	0	0	0	0	626,203

Table 8
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRFFY 2010

Summary of Capital Funding Program

Line No.	Description	Project Number	Funding	Base Capital Costs [1]						Forecasted Capital Costs						
				2007	2008	2009	2010	2011	Total	2007	2008	2009	2010	2011	Total	
53	Pickup Truck 1/2 Ton	639207007	REV	25,000	0	0	0	0	0	25,000	25,000	0	0	0	0	25,000
54	Ongoing Equipment Needs		REV	0	0	0	0	0	0	0	0	0	0	0	0	
55	Total			7,990,297	8,243,380	3,212,117	3,081,887	3,102,500	25,630,181	7,990,297	8,286,580	3,456,837	3,457,479	3,614,550	26,805,743	
Total Water System				\$8,543,797	\$8,796,880	\$3,765,617	\$3,635,387	\$3,656,000	\$28,397,681	\$8,543,797	\$8,864,988	\$4,061,259	\$4,089,133	\$4,274,600	\$29,833,777	
Wastewater System																
<u>Wastewater Systems</u>																
56	Security Equipment - WRF	808	REV	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$10,000	\$10,450	\$10,920	\$11,412	\$11,925	\$54,707	
57	Dry Prime Pump	836507001	REV	30,000	0	30,000	0	0	60,000	30,000	0	32,760	0	0	62,760	
58	Lift Station Pumps	836207001	REV	30,000	35,000	40,000	40,000	40,000	185,000	30,000	36,575	43,680	45,648	47,700	203,603	
59	Boom Truck	639207001	REV	75,000	0	0	0	0	75,000	75,000	0	0	0	0	75,000	
60	Telemetry & Controls	839907001	REV	15,000	15,000	15,000	15,000	15,000	75,000	15,000	15,675	16,380	17,118	17,888	82,061	
61	Pickup Truck - Utility Bed	839207002	REV	21,500	22,000	35,000	22,000	22,000	122,500	21,500	22,990	38,220	25,106	26,235	134,051	
62	Lab Equipment	839507001	REV	2,000	2,000	2,000	2,000	2,000	10,000	2,000	2,090	2,184	2,282	2,385	10,941	
63	Ongoing Equipment Needs		REV	0	99,500	51,500	94,500	94,500	340,000	0	103,978	56,238	107,843	112,691	380,750	
64	Total			183,500	183,500	183,500	183,500	183,500	917,500	183,500	191,758	200,382	209,409	218,824	1,003,873	
<u>Wastewater Operations</u>																
65	TV Surveillance & Grouting Vehicle	839207003	REV	200,000	0	0	0	0	200,000	200,000	0	0	0	0	200,000	
66	Smoke Machine	835207001	REV	3,500	0	0	0	0	3,500	3,500	0	0	0	0	3,500	
67	Cues TV & Grouting Equipment Upgrade	835207002	REV	10,000	0	0	0	0	10,000	10,000	0	0	0	0	10,000	
68	Wheel-driven Camera Transporter	835207003	REV	20,000	0	0	0	0	20,000	20,000	0	0	0	0	20,000	
69	Ongoing Equipment Needs		REV	0	233,500	233,500	233,500	233,500	934,000	0	244,008	254,982	266,470	278,449	1,043,909	
70	Total			233,500	233,500	233,500	233,500	233,500	1,167,500	233,500	244,008	254,982	266,470	278,449	1,277,409	
<u>Wastewater Engineering</u>																
71	Liftstation Improvements	802	REV	325,000	75,000	100,000	100,000	100,000	700,000	325,000	78,375	109,200	114,120	119,250	745,945	
72	Defective Main / Lateral Replacements	805	REV	100,000	100,000	100,000	100,000	100,000	500,000	100,000	104,500	109,200	114,120	119,250	547,070	
73	Lift Station Control Panels	806	REV	75,000	75,000	75,000	75,000	75,000	375,000	75,000	78,375	81,900	85,590	89,438	410,303	
74	WRF Renovations	809	REV	50,000	50,000	50,000	50,000	50,000	250,000	50,000	52,250	54,600	57,060	59,625	273,535	
75	Intrusion and Infiltration	812	REV	100,000	100,000	100,000	100,000	100,000	500,000	100,000	104,500	109,200	114,120	119,250	547,070	
76	Wastewater Main Lining	815	REV	250,000	350,000	400,000	450,000	500,000	1,950,000	250,000	365,750	436,800	513,540	596,250	2,162,340	
77	Manhole Rehabilitation	816	REV	50,000	50,000	50,000	50,000	50,000	250,000	50,000	52,250	54,600	57,060	59,625	273,535	
78	Intergovernmental, Oversizing & Miscellaneous	820	CIC	1,001,800	300,000	300,000	300,000	300,000	2,201,800	1,001,800	313,500	327,600	342,360	357,750	2,343,010	
79	MWRFF Deep Well	821	Debt 2	3,384,765	0	0	0	0	3,384,765	3,384,765	0	0	0	0	3,384,765	
80	MWRFF Deep Well	821	CIC	2,500,000	0	0	0	0	2,500,000	2,500,000	0	0	0	0	2,500,000	
81	MWRFF Deep Well	821	Grant	7,865,235	0	0	0	0	7,865,235	7,865,235	0	0	0	0	7,865,235	
82	Mainland WRF	822	CIC	0	1,700,000	0	0	0	1,700,000	0	1,700,000	0	0	0	1,700,000	
83	Mainland WRF	822	Debt 2	5,300,000	25,800,000	15,000,000	0	0	46,100,000	5,300,000	25,800,000	15,000,000	0	0	46,100,000	
84	Mainland WRF	822	Debt 3	0	0	0	0	0	0	0	0	0	0	0	0	
85	Lift Station A Generator	824	Debt 2	100,000	1,000,000	0	0	0	1,100,000	100,000	1,000,000	0	0	0	1,100,000	
86	7th Street WW Improvements	832	Debt 2	150,000	0	0	0	0	150,000	150,000	0	0	0	0	150,000	
87	A1A- US#1 to Blue Heron Blvd	850	Debt 2	150,000	80,000	150,000	0	0	380,000	150,000	80,000	150,000	0	0	380,000	
88	Jenkins Road 24" Force Main	859	Debt 2	1,500,000	0	0	0	0	1,500,000	1,500,000	0	0	0	0	1,500,000	
89	Jenkins Road 24" Force Main	855	Debt 2	200,000	2,300,000	0	0	0	2,500,000	200,000	2,300,000	0	0	0	2,500,000	
90	Energy Drive 18" Force Main	851	Debt 2	20,000	350,000	0	0	0	370,000	20,000	350,000	0	0	0	370,000	
91	Edwards Road 12" Force Main	857	Debt 2	40,000	1,500,000	0	0	0	1,540,000	40,000	1,500,000	0	0	0	1,540,000	
92	Avenue C 16" Force Main	853	Debt 2	50,000	600,000	0	0	0	650,000	50,000	600,000	0	0	0	650,000	
93	Master Liftstation Jenkins Road / Orange Avenue	856	Debt 2	20,000	150,000	2,000,000	0	0	2,170,000	20,000	150,000	2,000,000	0	0	2,170,000	
94	Ongoing Equipment Needs		REV	0	0	0	0	0	0	0	0	0	0	0	0	
95	Total			23,231,800	34,580,000	18,325,000	1,225,000	1,275,000	78,636,800	23,231,800	34,629,500	18,433,100	1,397,970	1,520,438	79,212,808	
Total Wastewater System				\$23,648,800	\$34,997,000	\$18,742,000	\$1,642,000	\$1,692,000	\$80,721,800	\$23,648,800	\$35,065,266	\$18,888,464	\$1,873,849	\$2,017,711	\$81,494,090	
96	TOTAL CAPITAL PROJECTS			\$32,192,597	\$43,793,880	\$22,507,617	\$5,277,387	\$5,348,000	\$109,119,481	\$32,192,597	\$43,930,254	\$22,949,723	\$5,962,982	\$6,292,311	\$111,327,867	

Table 8
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Summary of Capital Funding Program

Line No.	Description	Project Number	Funding	Base Capital Costs [1]						Forecasted Capital Costs					
				2007	2008	2009	2010	2011	Total	2007	2008	2009	2010	2011	Total
FUNDING SOURCES															
Water System															
97	Operating Reserves	OR		\$626,203	\$0	\$0	\$0	\$0	\$626,203	\$626,203	\$0	\$0	\$0	\$0	\$626,203
98	Rate Revenues	REV		1,518,500	1,596,880	1,615,617	1,635,387	1,656,000	8,022,384	1,518,500	1,651,488	1,727,259	1,806,733	1,889,600	8,593,580
99	Renewals and Replacements Fund	RR		0	0	0	0	0	0	0	0	0	0	0	0
100	Grant	Grant		0	0	0	0	0	0	0	0	0	0	0	0
101	MSBU Funding	MSBU		1,767,594	0	0	0	0	1,767,594	1,767,594	0	0	0	0	1,767,594
102	FMPA 2007 Reimbursement Loan	Debt 1		0	0	0	0	0	0	0	0	0	0	0	0
103	Series 2007 Bonds	Debt 2		3,525,000	5,550,000	150,000	0	0	9,225,000	3,525,000	5,550,000	150,000	0	0	9,225,000
104	Series 2009 Bonds	Debt 3		0	0	0	0	0	0	0	0	0	0	0	0
105	New Debt 4	Debt 4		0	0	0	0	0	0	0	0	0	0	0	0
106	Capital Improvement Charges	CIC		1,106,500	1,650,000	2,000,000	2,000,000	2,000,000	8,756,500	1,106,500	1,663,500	2,184,000	2,282,400	2,385,000	9,621,400
107	Total Water System			\$8,543,797	\$8,796,880	\$3,765,617	\$3,635,387	\$3,656,000	\$28,397,681	\$8,543,797	\$8,864,988	\$4,061,259	\$4,089,133	\$4,274,600	\$29,833,777
Wastewater System															
108	Operating Reserves	OR		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
109	Rate Revenues	REV		1,367,000	1,217,000	1,292,000	1,342,000	1,392,000	6,610,000	1,367,000	1,271,766	1,410,864	1,531,489	1,659,961	7,241,080
110	Renewals and Replacements Fund	RR		0	0	0	0	0	0	0	0	0	0	0	0
111	Grant	Grant		7,865,235	0	0	0	0	7,865,235	7,865,235	0	0	0	0	7,865,235
112	MSBU Funding	MSBU		0	0	0	0	0	0	0	0	0	0	0	0
113	FMPA 2007 Reimbursement Loan	Debt 1		0	0	0	0	0	0	0	0	0	0	0	0
114	Series 2007 Bonds	Debt 2		10,914,765	31,780,000	17,150,000	0	0	59,844,765	10,914,765	31,780,000	17,150,000	0	0	59,844,765
115	Series 2009 Bonds	Debt 3		0	0	0	0	0	0	0	0	0	0	0	0
116	New Debt 4	Debt 4		0	0	0	0	0	0	0	0	0	0	0	0
117	Capital Improvement Charges	CIC		3,501,800	2,000,000	300,000	300,000	300,000	6,401,800	3,501,800	2,013,500	327,600	342,360	357,750	6,543,010
118	Total Wastewater System			\$23,648,800	\$34,997,000	\$18,742,000	\$1,642,000	\$1,692,000	\$80,721,800	\$23,648,800	\$35,065,266	\$18,888,464	\$1,873,849	\$2,017,711	\$81,494,090
COMBINED FUNDING SOURCES															
119	Operating Reserves	OR		\$626,203	\$0	\$0	\$0	\$0	\$626,203	\$626,203	\$0	\$0	\$0	\$0	\$626,203
120	Rate Revenues	REV		2,885,500	2,813,880	2,907,617	2,977,387	3,048,000	14,632,384	2,885,500	2,923,254	3,138,123	3,338,222	3,549,561	15,834,660
121	Renewals and Replacements Fund	RR		0	0	0	0	0	0	0	0	0	0	0	0
122	Grant	Grant		7,865,235	0	0	0	0	7,865,235	7,865,235	0	0	0	0	7,865,235
123	MSBU Funding	MSBU		1,767,594	0	0	0	0	1,767,594	1,767,594	0	0	0	0	1,767,594
123	FMPA 2007 Reimbursement Loan	Debt 1		0	0	0	0	0	0	0	0	0	0	0	0
124	Series 2007 Bonds	Debt 2		14,439,765	37,330,000	17,300,000	0	0	69,069,765	14,439,765	37,330,000	17,300,000	0	0	69,069,765
125	Series 2009 Bonds	Debt 3		0	0	0	0	0	0	0	0	0	0	0	0
126	New Debt 4	Debt 4		0	0	0	0	0	0	0	0	0	0	0	0
127	Capital Improvement Charges	CIC		4,608,300	3,650,000	2,300,000	2,300,000	2,300,000	15,158,300	4,608,300	3,677,000	2,511,600	2,624,760	2,742,750	16,164,410
128	TOTAL FUNDING SOURCES			\$32,192,597	\$43,793,880	\$22,507,617	\$5,277,387	\$5,348,000	\$109,119,481	\$32,192,597	\$43,930,254	\$22,949,723	\$5,962,982	\$6,292,311	\$111,327,867

106,725,684

Footnotes:

[1] Amounts as provided by the Authority on July 10, 2006.

Table 9
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Schedule of Water System Debt Service on Long-term Debt (Bonds)

Line No.	Description	Fiscal Year Ending September 30,				
		2007	2008	2009	2010	2011
Existing Debt Service						
<u>Utilities Refunding Revenue Bonds, Series 1991</u>						
1	Principal	\$0	\$0	\$959,409	\$959,409	\$0
2	Interest	0	0	0	0	0
3	Annual Debt Service	\$0	\$0	\$959,409	\$959,409	\$0
<u>Utilities Refunding Revenue Bonds, Series 1994</u>						
4	Principal	\$0	\$0	\$0	\$0	\$0
5	Interest	0	0	0	0	0
6	Annual Debt Service	\$0	\$0	\$0	\$0	\$0
<u>Utilities Refunding Revenue Bonds, Series 1999 A&B</u>						
7	Principal	\$1,043,675	\$1,091,363	\$51,775	\$54,500	\$57,225
8	Interest	123,389	74,336	21,951	19,414	16,689
9	Annual Debt Service	\$1,167,064	\$1,165,699	\$73,726	\$73,914	\$73,914
<u>Utilities Revenue Bonds, Series 2002</u>						
10	Principal	\$0	\$0	\$0	\$0	\$0
11	Interest	456,060	456,060	456,060	456,060	456,060
12	Annual Debt Service	\$456,060	\$456,060	\$456,060	\$456,060	\$456,060
<u>Utilities Refunding Revenue Bonds, Series 2003</u>						
13	Principal	\$205,155	\$210,393	\$2,619	\$1,746	\$954,189
14	Interest	332,777	328,674	324,466	324,407	324,363
15	Annual Debt Service	\$537,932	\$539,067	\$327,085	\$326,153	\$1,278,552
<u>2004 FMPA Note #1</u>						
16	Principal	\$133,000	\$140,000	\$147,000	\$154,000	\$162,000
17	Interest	37,600	30,950	23,950	16,600	8,900
18	Annual Debt Service	\$170,600	\$170,950	\$170,950	\$170,600	\$170,900
<u>2006 FMPA Note #1</u>						
19	Principal	\$0	\$0	\$0	\$0	\$0
20	Interest	44,766	121,225	121,225	121,225	121,225
21	Annual Debt Service	\$44,766	\$121,225	\$121,225	\$121,225	\$121,225
<u>Total Existing Debt Service - Before FMPA Pooled Loans</u>						
22	Principal	\$1,248,830	\$1,301,756	\$1,013,803	\$1,015,655	\$1,011,414
23	Interest	912,226	859,070	802,477	799,881	797,112
24	Annual Debt Service	\$2,161,056	\$2,160,825	\$1,816,280	\$1,815,536	\$1,808,526
<u>Total Existing Debt Service - Including FMPA Pooled Loans</u>						
25	Principal	\$1,381,830	\$1,441,756	\$1,160,803	\$1,169,655	\$1,173,414
26	Interest	994,592	1,011,245	947,652	937,706	927,237
27	Annual Debt Service	\$2,376,422	\$2,453,000	\$2,108,455	\$2,107,361	\$2,100,651
Proposed Debt Service						
<u>FMPA 2007 Reimbursement Loan</u>						
28	Principal	\$78,749	\$83,474	\$88,482	\$93,791	\$99,419
29	Interest	173,810	169,085	164,076	158,767	153,140
30	Annual Debt Service	\$252,559	\$252,559	\$252,559	\$252,559	\$252,559
<u>Series 2007 Bonds</u>						
31	Principal	\$0	\$0	\$160,696	\$169,534	\$178,858
32	Interest	0	144,599	578,398	569,560	560,235
33	Annual Debt Service	\$0	\$144,599	\$739,094	\$739,094	\$739,094
<u>Series 2009 Bonds</u>						
34	Principal	\$0	\$0	\$0	\$0	\$0
35	Interest	0	0	0	0	0
36	Annual Debt Service	\$0	\$0	\$0	\$0	\$0
<u>New Debt 4</u>						
37	Principal	\$0	\$0	\$0	\$0	\$0
38	Interest	0	0	0	0	0
39	Annual Debt Service	\$0	\$0	\$0	\$0	\$0
<u>Total Proposed Debt Service</u>						
40	Principal	\$78,749	\$83,474	\$249,178	\$263,325	\$278,277
41	Interest	173,810	313,684	742,474	728,327	713,375
42	Annual Debt Service	\$252,559	\$397,158	\$991,652	\$991,652	\$991,652
<u>TOTAL DEBT SERVICE</u>						
43	Principal	\$1,460,579	\$1,525,229	\$1,409,981	\$1,432,980	\$1,451,691
44	Interest	1,168,402	1,324,929	1,690,126	1,666,033	1,640,612
45	Annual Debt Service	\$2,628,981	\$2,850,159	\$3,100,107	\$3,099,013	\$3,092,303

Table 10
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Schedule of Wastewater System Debt Service on Long-term Debt (Bonds)

Line No.	Description	Fiscal Year Ending September 30,					
		2007	2008	2009	2010	2011	
Existing Debt Service							
<u>Utilities Refunding Revenue Bonds, Series 1991</u>							
1	Principal	\$0	\$0	\$1,209,879	\$1,209,879	\$0	
2	Interest	0	0	0	0	0	
3	Annual Debt Service	\$0	\$0	\$1,209,879	\$1,209,879	\$0	
<u>Utilities Refunding Revenue Bonds, Series 1994</u>							
4	Principal	\$0	\$0	\$0	\$0	\$0	
5	Interest	0	0	0	0	0	
6	Annual Debt Service	\$0	\$0	\$0	\$0	\$0	
<u>Utilities Refunding Revenue Bonds, Series 1999 A&B</u>							
7	Principal	\$1,391,822	\$1,455,417	\$69,046	\$72,680	\$76,314	
8	Interest	164,549	99,133	29,273	25,890	22,256	
9	Annual Debt Service	\$1,556,371	\$1,554,550	\$98,319	\$98,570	\$98,570	
<u>Utilities Revenue Bonds, Series 2002</u>							
10	Principal	\$0	\$0	\$0	\$0	\$0	
11	Interest	21,190	21,190	21,190	21,190	21,190	
12	Annual Debt Service	\$21,190	\$21,190	\$21,190	\$21,190	\$21,190	
<u>Utilities Refunding Revenue Bonds, Series 2003</u>							
13	Principal	\$262,260	\$268,956	\$3,348	\$2,232	\$1,219,788	
14	Interest	425,405	420,160	414,781	414,706	414,650	
15	Annual Debt Service	\$687,665	\$689,116	\$418,129	\$416,938	\$1,634,438	
<u>FMPA Pooled Loan</u>							
16	Principal	\$0	\$0	\$0	\$0	\$0	
17	Interest	0	0	0	0	0	
18	Annual Debt Service	\$0	\$0	\$0	\$0	\$0	
<u>Total Existing Debt Service - Before FMPA Pooled Loan</u>							
19	Principal	\$1,654,082	\$1,724,373	\$1,282,273	\$1,284,791	\$1,296,102	
20	Interest	611,144	540,483	465,244	461,785	458,096	
21	Annual Debt Service	\$2,265,226	\$2,264,856	\$1,747,517	\$1,746,576	\$1,754,198	
<u>Total Existing Debt Service - Including FMPA Pooled Loan</u>							
22	Principal	\$1,654,082	\$1,724,373	\$1,282,273	\$1,284,791	\$1,296,102	
23	Interest	611,144	540,483	465,244	461,785	458,096	
24	Annual Debt Service	\$2,265,226	\$2,264,856	\$1,747,517	\$1,746,576	\$1,754,198	
Proposed Debt Service							
<u>FMPA 2007 Reimbursement Loan</u>							
25	Principal	27%	\$29,038	\$30,780	\$32,627	\$34,584	\$36,659
26	Interest		64,090	62,348	60,501	58,544	56,469
27	Annual Debt Service		\$93,128	\$93,128	\$93,128	\$93,128	\$93,128
<u>Series 2007 Bonds</u>							
28	Principal	87%	\$0	\$0	\$1,042,117	\$1,099,433	\$1,159,902
29	Interest		0	937,732	3,750,927	3,693,611	3,633,142
30	Annual Debt Service		\$0	\$937,732	\$4,793,044	\$4,793,044	\$4,793,044
<u>Series 2009 Bonds</u>							
31	Principal	100%	\$0	\$0	\$0	\$0	\$0
32	Interest		0	0	0	0	0
33	Annual Debt Service		\$0	\$0	\$0	\$0	\$0
<u>New Debt 4</u>							
34	Principal	100%	\$0	\$0	\$0	\$0	\$0
35	Interest		0	0	0	0	0
36	Annual Debt Service		\$0	\$0	\$0	\$0	\$0
<u>Total Proposed Debt Service</u>							
37	Principal		\$29,038	\$30,780	\$1,074,743	\$1,134,017	\$1,196,561
38	Interest		64,090	1,000,080	3,811,428	3,752,154	3,689,610
39	Annual Debt Service		\$93,128	\$1,030,860	\$4,886,172	\$4,886,172	\$4,886,172
<u>TOTAL DEBT SERVICE</u>							
40	Principal		\$1,683,120	\$1,755,153	\$2,357,016	\$2,418,808	\$2,492,663
41	Interest		675,234	1,540,563	4,276,672	4,213,940	4,147,706
42	Annual Debt Service		\$2,358,354	\$3,295,716	\$6,633,689	\$6,632,748	\$6,640,369

Table 11
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Capital Improvement Charge and AGRC Revenues

Line No.	Description	Estimated 2006	Projected Fiscal Years Ending September 30,				
			2007	2008	2009	2010	2011
WATER SYSTEM							
<u>Residential</u>							
Residential - Inside							
1	Total ERC Growth	332	685	769	469	436	241
2	Capital Improvement Charge per ERC	\$1,605	\$1,782	\$1,841	\$1,841	\$1,841	\$1,841
3	AGRC per ERC	0	35	127	232	338	443
4	Total Capital Improvement Charges	\$532,860	\$1,220,670	\$1,415,729	\$863,429	\$802,676	\$443,681
5	Total AGRC Charges	\$0	\$24,030	\$97,794	\$109,000	\$147,215	\$106,736
Residential - Outside							
6	Total ERC Growth	74	342	522	404	187	87
7	Capital Improvement Charge per ERC	\$1,605	\$1,782	\$1,841	\$1,841	\$1,841	\$1,841
8	AGRC per ERC	0	35	127	232	338	443
9	Total Capital Improvement Charges	\$118,770	\$609,444	\$961,002	\$743,764	\$344,267	\$160,167
10	Total AGRC Charges	\$0	\$11,997	\$66,383	\$93,894	\$63,141	\$38,531
Residential - Total							
11	Total ERC Growth	406	1,027	1,291	873	623	328
12	Total Capital Improvement Charges	\$651,630	\$1,830,114	\$2,376,731	\$1,607,193	\$1,146,943	\$603,848
13	Total AGRC Charges	\$0	\$36,027	\$164,177	\$202,894	\$210,356	\$145,267
<u>General Service</u>							
General Service - Inside							
14	Total ERC Growth	45	90	21	0	0	0
15	Capital Improvement Charge per ERC	\$1,605	\$1,782	\$1,841	\$1,841	\$1,841	\$1,841
16	AGRC per ERC	0	35	127	232	338	443
17	Total Capital Improvement Charges	\$72,225	\$160,380	\$38,661	\$0	\$0	\$0
18	Total AGRC Charges	\$0	\$3,157	\$2,671	\$0	\$0	\$0
General Service - Outside							
19	Total ERC Growth	0	0	0	0	0	0
20	Capital Improvement Charge per ERC	\$1,605	\$1,782	\$1,841	\$1,841	\$1,841	\$1,841
21	AGRC per ERC	0	35	127	232	338	443
22	Total Capital Improvement Charges	\$0	\$0	\$0	\$0	\$0	\$0
23	Total AGRC Charges	\$0	\$0	\$0	\$0	\$0	\$0
General Service - Total							
24	Total ERC Growth	45	90	21	0	0	0
25	Total Capital Improvement Charges	\$72,225	\$160,380	\$38,661	\$0	\$0	\$0
26	Total AGRC Charges	\$0	\$3,157	\$2,671	\$0	\$0	\$0

Table 11
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Capital Improvement Charge and AGRC Revenues

Line No.	Description	Estimated 2006	Projected Fiscal Years Ending September 30,				
			2007	2008	2009	2010	2011
<u>Sales for Resale</u>							
Sales for Resale							
27	Total ERC Growth	0	0	0	0	0	0
28	Capital Improvement Charge per ERC	\$1,605	\$1,782	\$1,841	\$1,841	\$1,841	\$1,841
29	AGRC per ERC	0	35	127	232	338	443
30	Total Capital Improvement Charges	\$0	\$0	\$0	\$0	\$0	\$0
31	Total AGRC Charges	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL WATER SYSTEM							
32	Total ERC Growth	451	1,117	1,312	873	623	328
33	Total Capital Improvement Charges	\$723,855	\$1,990,494	\$2,415,392	\$1,607,193	\$1,146,943	\$603,848
34	Total AGRC Charges	\$0	\$39,184	\$166,848	\$202,894	\$210,356	\$145,267

Table 11
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Capital Improvement Charge and AGRC Revenues

Line No.	Description	Estimated 2006	Projected Fiscal Years Ending September 30,				
			2007	2008	2009	2010	2011
WASTEWATER SYSTEM							
<u>Residential</u>							
Residential - Inside							
35	Total ERC Growth	332	685	769	469	436	241
36	Capital Improvement Charge per ERC	\$1,447	\$2,473	\$2,815	\$2,815	\$2,815	\$2,815
37	AGRC per ERC	0	54	194	355	516	677
38	Total Capital Improvement Charges	\$480,404	\$1,694,005	\$2,164,735	\$1,320,235	\$1,227,340	\$678,415
39	Total AGRC Charges	\$0	\$36,743	\$149,532	\$166,669	\$225,102	\$163,208
Residential - Outside							
40	Total ERC Growth	74	342	522	404	187	87
41	Capital Improvement Charge per ERC	\$1,447	\$2,473	\$2,815	\$2,815	\$2,815	\$2,815
42	AGRC per ERC	0	54	194	355	516	677
43	Total Capital Improvement Charges	\$107,078	\$845,766	\$1,469,430	\$1,137,260	\$526,405	\$244,905
44	Total AGRC Charges	\$0	\$18,345	\$101,503	\$143,569	\$96,546	\$58,917
Residential - Total							
45	Total ERC Growth	406	1,027	1,291	873	623	328
46	Total Capital Improvement Charges	\$587,482	\$2,539,771	\$3,634,165	\$2,457,495	\$1,753,745	\$923,320
47	Total AGRC Charges	\$0	\$55,088	\$251,035	\$310,238	\$321,648	\$222,125
<u>General Service</u>							
General Service - Inside							
48	Total ERC Growth	45	90	21	0	0	0
49	Capital Improvement Charge per ERC	\$1,447	\$2,473	\$2,815	\$2,815	\$2,815	\$2,815
50	AGRC per ERC	0	54	194	355	516	677
51	Total Capital Improvement Charges	\$65,115	\$222,570	\$59,115	\$0	\$0	\$0
52	Total AGRC Charges	\$0	\$4,828	\$4,083	\$0	\$0	\$0
General Service - Outside							
53	Total ERC Growth	0	0	0	0	0	0
54	Capital Improvement Charge per ERC	\$1,447	\$2,473	\$2,815	\$2,815	\$2,815	\$2,815
55	AGRC per ERC	0	54	194	355	516	677
56	Total Capital Improvement Charges	\$0	\$0	\$0	\$0	\$0	\$0
57	Total AGRC Charges	\$0	\$0	\$0	\$0	\$0	\$0
General Service - Total							
58	Total ERC Growth	45	90	21	0	0	0
59	Total Capital Improvement Charges	\$65,115	\$222,570	\$59,115	\$0	\$0	\$0
60	Total AGRC Charges	\$0	\$4,828	\$4,083	\$0	\$0	\$0
TOTAL WASTEWATER SYSTEM							
61	Total ERC Growth	451	1,117	1,312	873	623	328
62	Total Capital Improvement Charges	\$652,597	\$2,762,341	\$3,693,280	\$2,457,495	\$1,753,745	\$923,320
63	Total AGRC Charges	\$0	\$59,916	\$255,118	\$310,238	\$321,648	\$222,125

Table 12
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Historical and Projected Miscellaneous Revenues

Line No.	Description	Actual	Actual	Estimated	Estimated	Budget	Adjustments	Adjusted	Escalation Factor	Fiscal Year Ending September 30,			
		2003	2004	2005	2006	2007		Budget		2008	2009	2010	2011
Water System													
Other Operating Revenues													
1	Miscellaneous Service Revenue	\$70,346	\$74,692	\$135,274	\$160,000	\$160,000	\$0	\$160,000	WRevenue	\$185,543	\$199,901	\$213,791	\$225,819
2	Other Revenue	0	0	0	0	0	0	0	WRevenue	0	0	0	0
3	Total Other Operating Revenue	\$70,346	\$74,692	\$135,274	\$160,000	\$160,000	\$0	\$160,000		\$185,543	\$199,901	\$213,791	\$225,819
Non-operating Revenues													
4	Investment / Interest Income	50,425	49,828	101,283	140,000	140,000	4,667	144,667	Link	201,230	130,056	101,314	103,144
5	Grant Revenue	0	0	38,652	501,634	300,000	(300,000)	0	Eliminate	0	0	0	0
6	Rental Income	34,815	37,658	38,604	37,840	38,000	0	38,000	Flat	38,000	38,000	38,000	38,000
7	Revenue from City Billing	21,704	25,331	26,574	26,800	26,000	0	26,000	Flat	26,000	26,000	26,000	26,000
8	Miscellaneous Income	0	0	0	0	0	0	0	WRevenue	0	0	0	0
9	Gain (Loss) on Disposition of Property	(2,318)	0	0	0	0	0	0	Eliminate	0	0	0	0
10	Total Non-operating Revenue	\$104,626	\$112,817	\$205,113	\$706,274	\$504,000	(\$295,333)	\$208,667		\$265,230	\$194,056	\$165,314	\$167,144
11	Total Miscellaneous Revenues	\$174,972	\$187,509	\$340,387	\$866,274	\$664,000	(\$295,333)	\$368,667		\$450,773	\$393,957	\$379,105	\$392,963
Wastewater System													
Other Operating Revenues													
12	Miscellaneous Service Revenue	\$63,987	\$61,633	\$69,981	\$98,000	\$98,000	\$0	\$98,000	SRevenue	\$113,352	\$139,740	\$162,813	\$185,538
13	Other Revenue	106,121	30,365	86,384	120,000	120,000	0	120,000	SRevenue	138,799	171,110	199,363	227,189
14	Total Other Operating Revenue	\$170,108	\$91,998	\$156,365	\$218,000	\$218,000	\$0	\$218,000		\$252,151	\$310,849	\$362,177	\$412,726
Non-operating Revenues													
15	Investment / Interest Income	24,948	34,985	80,349	116,000	116,000	522,985	638,985	Link	846,844	272,091	88,774	95,376
16	Grant Revenue	0	0	469,348	0	7,800,000	(7,800,000)	0	Eliminate	0	0	0	0
17	Rental Income	27,039	29,981	30,724	31,000	31,000	0	31,000	Flat	31,000	31,000	31,000	31,000
18	Revenue from City Billing	17,224	20,336	20,957	20,902	20,902	0	20,902	Flat	20,902	20,902	20,902	20,902
19	Miscellaneous Income	60,000	135	0	100	100	0	100	SRevenue	116	143	166	189
20	Gain (Loss) on Disposition of Property	6,400	0	2,300	0	0	0	0	Eliminate	0	0	0	0
21	Total Non-operating Revenue	\$135,611	\$85,437	\$603,678	\$168,002	\$7,968,002	(\$7,277,015)	\$690,987		\$898,862	\$324,136	\$140,842	\$147,467
22	Total Miscellaneous Revenues	\$305,719	\$177,435	\$760,043	\$386,002	\$8,186,002	(\$7,277,015)	\$908,987		\$1,151,012	\$634,985	\$503,019	\$560,193

Table 13
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Distribution to the City

Line No.	Description	Budget 2007	Fiscal Year Ending September 30,			
			2008	2009	2010	2011
Water System - Distribution to the City						
1	Adjusted Gross Revenues	\$12,027,518	\$13,701,148	\$16,037,352	\$17,211,846	\$18,360,783
2	Percent of Transfer	6.00%	6.00%	6.00%	6.00%	6.00%
3	Gross Transfer	\$721,651	\$822,069	\$962,241	\$1,032,711	\$1,101,647
4	Budgeted / Projected Distribution	756,865	822,069	962,241	1,032,711	1,101,647
5	Estimated Amount Transferred	<u>\$756,865</u>	<u>\$822,069</u>	<u>\$962,241</u>	<u>\$1,032,711</u>	<u>\$1,101,647</u>
Wastewater System - Distribution to the City						
6	Adjusted Gross Revenues	\$10,366,586	\$12,085,487	\$14,267,470	\$16,805,456	\$19,307,231
7	Percent of Transfer	6.00%	6.00%	6.00%	6.00%	6.00%
8	Gross Transfer	\$621,995	\$725,129	\$856,048	\$1,008,327	\$1,158,434
9	Budgeted / Projected Distribution	623,474	725,129	856,048	1,008,327	1,158,434
10	Estimated Amount Transferred	<u>\$623,474</u>	<u>\$725,129</u>	<u>\$856,048</u>	<u>\$1,008,327</u>	<u>\$1,158,434</u>
11	Total Distribution	<u>\$1,380,339</u>	<u>\$1,547,198</u>	<u>\$1,818,289</u>	<u>\$2,041,038</u>	<u>\$2,260,081</u>

Table 13
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Distribution to the City

ESTIMATED DISTRIBUTABLE REVENUES - WORKSHEET

		Projected Fiscal Year Ending September 30,				
		2006	2007	2008	2009	2010
Water System - Distributable Revenues						
Revenues						
12	Gross Rate Revenues	\$11,774,950	\$11,892,700	\$12,313,702	\$12,942,932	\$13,504,655
13	Other Operating and Non-operating Revenues	279,095	407,851	617,621	596,851	589,461
14	Proposed Revenue Adjustments	0	1,427,124	3,132,556	3,698,591	4,293,194
15	Total Gross Revenues	\$12,054,045	\$13,727,675	\$16,063,879	\$17,238,373	\$18,387,310
Less Adjustments						
16	Capital Contributions	0	0	0	0	0
17	City Sanitation Charges	26,527	26,527	26,527	26,527	26,527
18	MOEC Operating Revenues	0	0	0	0	0
19	FPUA Contribution	0	0	0	0	0
20	Total Adjustments	26,527	26,527	26,527	26,527	26,527
21	Adjusted Gross Revenues	\$12,027,518	\$13,701,148	\$16,037,352	\$17,211,846	\$18,360,783
Wastewater System - Distributable Revenues						
Revenues						
22	Gross Rate Revenues	\$10,026,137	\$10,125,079	\$10,646,521	\$11,413,070	\$12,088,724
23	Other Operating and Non-operating Revenues	361,452	968,903	1,406,130	945,223	824,667
24	Proposed Revenue Adjustments	0	1,012,508	2,235,822	4,468,166	6,414,842
25	Total Gross Revenues	\$10,387,589	\$12,106,490	\$14,288,473	\$16,826,459	\$19,328,234
Less Adjustments						
26	Capital Contributions	0	0	0	0	0
27	City Sanitation Charges	21,003	21,003	21,003	21,003	21,003
28	MOEC Operating Revenues	0	0	0	0	0
29	FPUA Contribution	0	0	0	0	0
30	Total Adjustments	21,003	21,003	21,003	21,003	21,003
31	Adjusted Gross Revenues	\$10,366,586	\$12,085,487	\$14,267,470	\$16,805,456	\$19,307,231

Table 13
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Distribution to the City

ALLOWABLE DISTRIBUTION - WORKSHEET

		Projected Fiscal Year Ending September 30,				
33	Combined System - Allowable Distribution to the Cit	2007	2008	2009	2010	2011
34	Revenue Fund (Operating Fund) - Beg. Balance	\$565,260	\$3,153,174	\$6,408,951	\$6,285,664	\$6,968,771
	Revenues					
35	Gross Rate Revenues	\$22,017,779	\$22,960,222	\$24,356,002	\$25,593,379	\$26,497,282
36	Other Operating and Non-operating Revenues	1,376,754	2,023,751	1,542,074	1,414,128	1,320,548
37	Proposed Revenue Adjustments	2,439,632	5,368,378	8,166,756	10,708,036	13,388,006
38	FMPA Reimbursement Proceeds ???	3,805,777				
39	Total Gross Revenues	\$29,639,942	\$30,352,352	\$34,064,832	\$37,715,543	\$41,205,836
	Less Priorities					
40	Operating Expenses	17,172,651	19,080,248	21,497,911	23,921,414	25,222,918
41	Debt Service	4,987,335	5,145,875	7,733,796	7,731,761	9,732,673
42	Transfer to Reserve Fund	0	0	0	0	0
43	Transfer to R&R Fund	0	0	0	0	0
44	Transfer to Emergency Reserve Fund	0	0	0	0	0
45	Payment of Unconditional Service Contracts	0	0	0	0	0
46	Transfer to Rate Stabilization Fund	0	0	0	0	0
47	Total Priorities	22,159,985	24,226,123	29,231,707	31,653,175	34,955,591
	Amount Available before Capital Outlay, Working Capital and Additional Transfers to Reserves	\$8,045,216	\$9,279,404	\$11,242,076	\$12,348,032	\$13,219,016
	Amount Reserved for Capital Outlay, Working Capital and Additional Transfers to Reserves	60%				
49		4,827,130	5,567,642	6,745,246	7,408,819	7,931,410
50	Amount Available for City Distribution	\$3,218,086	\$3,711,762	\$4,496,830	\$4,939,213	\$5,287,606

Table 14
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRF FY 2010

Projected Debt Service Coverage

Line No.	Description	Projected Fiscal Year Ending September 30,				
		2007	2008	2009	2010	2011
Revenue from Water and Wastewater Rates						
1	Water Rate Revenue at Existing Rates	\$11,892,700	\$12,313,702	\$12,942,932	\$13,504,655	\$13,916,547
2	Wastewater Rate Revenue at Existing Rates	10,125,079	10,646,521	11,413,070	12,088,724	12,580,735
3	Proposed Revenue Adjustments	Yes 2,439,632	5,368,378	8,166,756	10,708,036	13,388,006
4	Revenue from Water and Wastewater Rates	24,457,411	28,328,600	32,522,758	36,301,415	39,885,288
Other Revenues						
5	Other Operating Revenue	477,100	859,660	1,023,882	1,107,972	1,005,937
6	Non-operating Revenue	899,654	1,164,092	518,192	306,156	314,611
7	Total Other Revenues	1,376,754	2,023,751	1,542,074	1,414,128	1,320,548
8	Total Gross Revenues	25,834,165	30,352,352	34,064,832	37,715,543	41,205,836
Operating Expenses						
9	Water System	9,385,284	10,483,912	11,704,582	12,368,256	13,039,157
10	Wastewater System	7,787,366	8,596,336	9,793,329	11,553,158	12,183,761
11	Total Operating Expenses	17,172,651	19,080,248	21,497,911	23,921,414	25,222,918
12	Net Revenues	\$8,661,514	\$11,272,104	\$12,566,921	\$13,794,129	\$15,982,918
Junior Debt Service						
Existing						
13	2004 FMPA Note #1	170,600	170,950	170,950	170,600	170,900
14	2006 FMPA Note #1	44,766	121,225	121,225	121,225	121,225
Proposed						
15	FMPA 2007 Reimbursement Loan	345,687	345,687	345,687	345,687	345,687
16	Total Junior Debt Service	561,053	637,862	637,862	637,512	637,812
17	Net Revenues Available for Senior Lien Debt Service	\$8,100,461	\$10,634,242	\$11,929,059	\$13,156,617	\$15,345,106
<u>Coverage Test</u>						
Senior Lien Debt Service						
Existing						
18	Utilities Refunding Revenue Bonds, Series 1991	\$0	\$0	\$2,169,288	\$2,169,288	\$0
19	Utilities Refunding Revenue Bonds, Series 1999 A&B	2,723,435	2,720,249	172,045	172,484	172,484
20	Utilities Revenue Bonds, Series 2002	477,250	477,250	477,250	477,250	477,250
21	Utilities Refunding Revenue Bonds, Series 2003	1,225,597	1,228,183	745,214	743,090	2,912,990
Proposed						
22	Series 2007 Bonds	0	1,082,331	5,532,137	5,532,137	5,532,137
23	Series 2009 Bonds	0	0	0	0	0
24	Total Senior Lien Debt Service	\$4,426,282	\$5,508,013	\$9,095,934	\$9,094,250	\$9,094,861
25	Coverage Ratio - Net Revenues to Senior Lien Debt Service	1.83	1.93	1.31	1.45	1.69
26	Coverage Ratio - Required	1.25	1.25	1.25	1.25	1.25

Table 14
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Projected Debt Service Coverage

Line No.	Description	Projected Fiscal Year Ending September 30,				
		2007	2008	2009	2010	2011
27	Net Revenues Available for Senior Lien Debt Service	\$8,100,461	\$10,634,242	\$11,929,059	\$13,156,617	\$15,345,106
28	Total Senior Lien Debt Service	4,426,282	5,508,013	9,095,934	9,094,250	9,094,861
29	Net Amount Available for Capital Outlay and Required Transfers	3,674,179	5,126,229	2,833,125	4,062,368	6,250,245
	Capital Outlay and Required Transfers					
30	Capital Funded from Rates	2,885,500	2,923,254	3,138,123	3,338,222	3,549,561
31	Transfer to Renewals and Replacement Fund	0	0	0	0	0
32	Distribution to the City	1,380,339	1,547,198	1,818,289	2,041,038	2,260,081
33	Total Capital Outlay and Required Transfers	4,265,839	4,470,452	4,956,412	5,379,260	5,809,642
34	Sub-total Amount Available for Other Lawful Purposes	(591,660)	655,777	(2,123,288)	(1,316,892)	440,603
35	Plus Capital Improvement Charges Used to Pay Debt Service	0	1,000,000	2,000,000	2,000,000	0
36	Total Amount Available for Other Lawful Purposes	(\$591,660)	\$1,655,777	(\$123,288)	\$683,108	\$440,603

Table 15
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Existing and Proposed Retail Rates

Water System

Monthly Customer Charge [1]							
Meter Size	Gallons Included in Minimum	Existing Rates	Proposed Rates [2]				
			2007	2008	2009	2010	2011
5/8 x 3/4 Inch	3,000	\$16.40	\$18.37	\$20.57	\$21.08	\$21.61	\$22.15
1 Inch	6,000	37.29	41.76	46.77	47.94	49.14	50.37
1 1/2 Inch	12,000	74.59	83.54	93.56	95.90	98.30	100.76
2 Inch	18,000	116.45	130.42	146.07	149.72	153.46	157.30
3 Inch	38,000	237.72	266.25	298.20	305.66	313.30	321.13
4 Inch	52,000	353.83	396.29	443.84	454.94	466.31	477.97
6 Inch	105,000	710.05	795.26	890.69	912.96	935.78	959.17
8 Inch	180,000	1,164.53	1,304.27	1,460.78	1,497.30	1,534.73	1,573.10
10 Inch	240,000	1,629.52	1,825.06	2,044.07	2,095.17	2,147.55	2,201.24

**Table 15
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010**

Existing and Proposed Retail Rates

Water System

Volumetric Charge - \$ per 1,000 Gallons [1]

Residential and General Service Customers with 5/8 x 3/4 Inch Meters:	Existing Rates	Proposed Rates [2]				
		2007	2008	2009	2010	2011
First 3,000 Gallons	Included in Min.	Included in Min.	Included in Min.	Included in Min.	Included in Min.	Included in Min.
3,001 - 10,000 Gallons	\$2.37	\$2.65	\$2.97	\$3.04	\$3.12	\$3.20
10,001 - 15,000 Gallons	2.96	3.31	3.71	3.80	3.90	4.00
Over 15,000 Gallons	3.56	3.98	4.46	4.56	4.68	4.80
All Other Residential and General Service Customers						
Minimum Gallons	Included in Min.	Included in Min.	Included in Min.	Included in Min.	Included in Min.	Included in Min.
Amounts Above Minimum Gallons	\$2.37	\$2.65	\$2.97	\$3.04	\$3.12	\$3.20
Irrigation Only Customers						
Minimum Gallons	Included in Min.	Included in Min.	Included in Min.	Included in Min.	Included in Min.	Included in Min.
Minimum Gallons - 10,000 Gallons	\$2.37	\$2.65	\$2.97	\$3.04	\$3.12	\$3.20
10,001 - 15,000 Gallons	2.96	3.31	3.71	3.80	3.90	4.00
Over 15,000 Gallons	5.03	5.62	6.30	6.45	6.62	6.79

Table 15
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Existing and Proposed Retail Rates

Wastewater System

Monthly Customer Charge [1]							
Meter Size	Gallons Included in Minimum	Existing Rates	Proposed Rates [2]				
			2007	2008	2009	2010	2011
5/8 x 3/4 Inch	None	\$11.09	\$12.20	\$13.42	\$15.43	\$16.97	\$18.58
1 Inch	None	27.78	30.56	33.62	38.66	42.53	46.57
1 1/2 Inch	None	55.55	61.11	67.22	77.30	85.03	93.11
2 Inch	None	88.94	97.83	107.61	123.75	136.13	149.06
3 Inch	None	177.87	195.66	215.23	247.51	272.26	298.12
4 Inch	None	277.89	305.68	336.25	386.69	425.36	465.77
6 Inch	None	555.78	611.36	672.50	773.38	850.72	931.54
8 Inch	None	889.29	978.22	1,076.04	1,237.45	1,361.20	1,490.51
10 Inch	None	1,278.36	1,406.20	1,546.82	1,778.84	1,956.72	2,142.61

**Table 15
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010**

Existing and Proposed Retail Rates

Wastewater System

Volumetric Charge - \$ per 1,000 Gallons [1]

	Existing Rates	Proposed Rates [2]				
		2007	2008	2009	2010	2011
Volumetric Charge per 1,000 Gallons [3]	\$3.97	\$4.37	\$4.81	\$5.53	\$6.08	\$6.66

Footnotes:

[1] Amounts reflect rates for Inside City services. Customers Outside the City Limits are charged a 25% surcharge in addition to the rates above.

[2] Amounts proposed for Fiscal Year 2007 to be effective January 1 with subsequent increases on October 1 of each fiscal year.

[3] The volumetric charge for individually metered (water metered) single-family Residential accounts shall be limited to 10,000 gallons per month.

Table 16
Fort Pierce Utilities Authority
Water and Wastewater Rate Study

DRAFT

Comparison of Typical Monthly Residential Bills for Water Service (1)

Line No.	Description	Residential Service for a 5/8" or 3/4" Meter							
		0 Gallons	2,000 Gallons	4,000 Gallons	6,500 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons
Fort Pierce Utilities Authority									
1	Existing Rates	\$16.40	\$16.40	\$18.77	\$24.70	\$28.25	\$32.99	\$47.79	\$72.94
2	Proposed Rates - Fiscal Year 2007	18.37	18.37	21.02	27.65	31.62	36.92	53.47	73.37
3	Proposed Rates - Fiscal Year 2008	20.57	20.57	23.54	30.97	35.42	41.36	59.91	82.21
4	Proposed Rates - Fiscal Year 2009	21.08	21.08	24.12	31.72	36.28	42.36	61.36	84.16
5	Proposed Rates - Fiscal Year 2010	21.61	21.61	24.73	32.53	37.21	43.45	62.95	86.35
6	Proposed Rates - Fiscal Year 2011	22.15	22.15	25.35	33.35	38.15	44.55	64.55	88.55
<u>Other Florida Utilities:</u>									
7	City of Melbourne	\$5.09	\$11.51	\$17.93	\$25.96	\$30.77	\$37.19	\$53.24	\$69.29
8	City of Ormond Beach	10.26	10.26	15.44	22.16	26.78	32.94	48.34	63.74
9	City of Port St. Lucie	7.05	13.49	19.93	28.91	34.67	42.35	63.41	85.71
10	City of Stuart	5.85	11.17	16.49	23.14	27.13	32.45	45.75	64.25
11	City of Titusville	6.40	10.56	14.72	21.48	26.16	32.40	53.10	92.50
12	City of Vero Beach	13.27	13.27	15.81	22.17	25.98	31.06	43.77	56.48
13	Indian River County	9.05	13.45	18.07	24.12	29.18	36.88	63.83	102.33
14	Martin County [2]	14.90	18.74	22.58	27.38	30.26	34.10	47.20	63.75
15	St. Lucie County (North County - Holiday Pines)	30.00	36.80	43.60	52.10	58.25	69.25	96.75	134.25
16	St. Lucie County (North Hutchinson Island)	9.50	17.30	25.10	34.85	41.50	52.50	80.00	117.50
17	St. Lucie West Services District [3]	13.04	18.92	24.80	32.15	36.56	42.44	57.14	71.84
18	Other Florida Utilities' Average	\$11.31	\$15.95	\$21.32	\$28.58	\$33.39	\$40.32	\$59.32	\$83.79

[1] Unless otherwise noted, amounts shown reflect residential rates in effect October 2006 and are exclusive of taxes or franchise fees, if any, and reflect rates charged for inside the city service. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.

[2] Utility is currently involved in a rate study, is planning to conduct a rate study, or will implement a rate revision within the next twelve months.

[3] Rates become effective with bills rendered on or after November 1, 2006.

Table 17
Fort Pierce Utilities Authority
Water and Wastewater Rate Study

DRAFT

Comparison of Typical Monthly Residential Bills for Wastewater Service (1)

Line No.	Description	Residential Service for a 5/8" or 3/4" Meter							
		0 Gallons	2,000 Gallons	4,000 Gallons	6,500 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons
Fort Pierce Utilities Authority									
1	Existing Rates	\$11.09	\$19.03	\$26.97	\$36.90	\$42.85	\$50.79	\$50.79	\$50.79
2	Proposed Rates - Fiscal Year 2007	12.20	20.94	29.68	40.61	47.16	55.90	55.90	55.90
3	Proposed Rates - Fiscal Year 2008	13.42	23.04	32.66	44.69	51.90	61.52	61.52	61.52
4	Proposed Rates - Fiscal Year 2009	15.43	26.49	37.55	51.38	59.67	70.73	70.73	70.73
5	Proposed Rates - Fiscal Year 2010	16.97	29.13	41.29	56.49	65.61	77.77	77.77	77.77
6	Proposed Rates - Fiscal Year 2011	18.58	31.90	45.22	61.87	71.86	85.18	85.18	85.18
<u>Other Florida Utilities:</u>									
7	City of Melbourne	\$7.19	\$17.53	\$27.87	\$40.80	\$48.55	\$58.89	\$84.74	\$110.59
8	City of Ormond Beach	13.40	13.40	20.62	29.65	35.06	42.28	60.33	78.38
9	City of Port St. Lucie	13.15	25.75	38.35	54.10	63.55	63.55	63.55	63.55
10	City of Stuart	5.80	15.82	25.84	38.37	45.88	55.90	65.92	65.92
11	City of Titusville	10.77	22.15	33.53	47.76	56.29	67.67	96.12	96.12
12	City of Vero Beach	19.40	19.40	22.42	29.97	34.50	40.54	40.54	40.54
13	Indian River County	15.87	21.59	27.31	34.46	38.75	44.47	50.19	50.19
14	Martin County [2]	15.45	22.97	30.49	39.89	45.53	53.05	53.05	53.05
15	St. Lucie County (North County - Holiday Pines)	18.00	29.00	40.00	53.75	62.00	73.00	73.00	73.00
16	St. Lucie County (North Hutchinson Island)	12.00	22.20	32.40	45.15	52.80	63.00	63.00	63.00
17	St. Lucie West Services District [3]	16.30	22.82	29.34	37.49	42.38	48.90	65.20	81.50
18	Other Florida Utilities' Average	\$13.39	\$21.15	\$29.83	\$41.03	\$47.75	\$55.57	\$65.06	\$70.53

[1] Unless otherwise noted, amounts shown reflect residential rates in effect October 2006 and are exclusive of taxes or franchise fees, if any, and reflect rates charged for inside the city service. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.

[2] Utility is currently involved in a rate study, is planning to conduct a rate study, or will implement a rate revision within the next twelve months.

[3] Rates become effective with bills rendered on or after November 1, 2006.

Table 18
Fort Pierce Utilities Authority
Water and Wastewater Rate Study

DRAFT

Comparison of Typical Monthly Residential Bills for Water and Wastewater Service (1)

Line No.	Description	Residential Service for a 5/8" or 3/4" Meter							
		0 Gallons	2,000 Gallons	4,000 Gallons	6,500 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons
Fort Pierce Utilities Authority									
1	Existing Rates	\$27.49	\$35.43	\$45.74	\$61.59	\$71.10	\$83.78	\$98.58	\$123.73
2	Proposed Rates - Fiscal Year 2007	30.57	39.31	50.70	68.25	78.78	92.82	109.37	129.27
3	Proposed Rates - Fiscal Year 2008	33.99	43.61	56.20	75.65	87.32	102.88	121.43	143.73
4	Proposed Rates - Fiscal Year 2009	36.51	47.57	61.67	83.10	95.95	113.09	132.09	154.89
5	Proposed Rates - Fiscal Year 2010	38.58	50.74	66.02	89.02	102.82	121.22	140.72	164.12
6	Proposed Rates - Fiscal Year 2011	40.73	54.05	70.57	95.22	110.01	129.73	149.73	173.73
<u>Other Florida Utilities:</u>									
7	City of Melbourne	\$12.28	\$29.04	\$45.80	\$66.75	\$79.32	\$96.08	\$137.98	\$179.88
8	City of Ormond Beach	23.66	23.66	36.06	51.81	61.84	75.22	108.67	142.12
9	City of Port St. Lucie	20.20	39.24	58.28	83.01	98.22	105.90	126.96	149.26
10	City of Stuart	11.65	26.99	42.33	61.51	73.01	88.35	111.67	130.17
11	City of Titusville	17.17	32.71	48.25	69.24	82.45	100.07	149.22	188.62
12	City of Vero Beach	32.67	32.67	38.23	52.14	60.48	71.60	84.31	97.02
13	Indian River County	24.92	35.04	45.38	58.58	67.93	81.35	114.02	152.52
14	Martin County [2]	30.35	41.71	53.07	67.27	75.79	87.15	100.25	116.80
15	St. Lucie County (North County - Holiday Pines)	48.00	65.80	83.60	105.85	120.25	142.25	169.75	207.25
16	St. Lucie County (North Hutchinson Island)	21.50	39.50	57.50	80.00	94.30	115.50	143.00	180.50
17	St. Lucie West Services District [3]	29.34	41.74	54.14	69.64	78.94	91.34	122.34	153.34
18	Other Florida Utilities' Average	\$24.70	\$37.10	\$51.15	\$69.62	\$81.14	\$95.89	\$124.38	\$154.32

[1] Unless otherwise noted, amounts shown reflect residential rates in effect October 2006 and are exclusive of taxes or franchise fees, if any, and reflect rates charged for inside the city service. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.

[2] Utility is currently involved in a rate study, is planning to conduct a rate study, or will implement a rate revision within the next twelve months.

[3] Rates become effective with bills rendered on or after November 1, 2006.

Table 19
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Proposed Inactive Account (Readiness to Serve) Charges

Water System

Monthly Inactive Account (Readiness to Serve) Charge [1]

Meter Size	Gallons Included in Minimum	Proposed at Existing Rate Levels [2]	Proposed Rates [3]				
			2007	2008	2009	2010	2011
5/8 x 3/4 Inch	None	\$9.29	\$10.40	\$11.65	\$11.94	\$12.24	\$12.55
1 Inch	None	23.07	25.84	28.94	29.66	30.40	31.16
1 1/2 Inch	None	46.15	51.69	57.89	59.34	60.82	62.34
2 Inch	None	73.79	82.64	92.56	94.87	97.24	99.67
3 Inch	None	147.66	165.38	185.23	189.86	194.61	199.48
4 Inch	None	230.59	258.26	289.25	296.48	303.89	311.49
6 Inch	None	461.20	516.54	578.52	592.98	607.80	623.00
8 Inch	None	737.93	826.48	925.66	948.80	972.52	996.83
10 Inch	None	1,060.72	1,188.01	1,330.57	1,363.83	1,397.93	1,432.88

Table 19
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Proposed Inactive Account (Readiness to Serve) Charges

Wastewater System

Monthly Inactive Account (Readiness to Serve) Charge [1]

Meter Size	Gallons Included in Minimum	Proposed at Existing Rate Levels [2]	Proposed Rates [3]				
			2007	2008	2009	2010	2011
5/8 x 3/4 Inch	None	\$11.09	\$12.20	\$13.42	\$15.43	\$16.97	\$18.58
1 Inch	None	27.78	30.56	33.62	38.66	42.53	46.57
1 1/2 Inch	None	55.55	61.11	67.22	77.30	85.03	93.11
2 Inch	None	88.94	97.83	107.61	123.75	136.13	149.06
3 Inch	None	177.87	195.66	215.23	247.51	272.26	298.12
4 Inch	None	277.89	305.68	336.25	386.69	425.36	465.77
6 Inch	None	555.78	611.36	672.50	773.38	850.72	931.54
8 Inch	None	889.29	978.22	1,076.04	1,237.45	1,361.20	1,490.51
10 Inch	None	1,278.36	1,406.20	1,546.82	1,778.84	1,956.72	2,142.61

Table 19
Fort Pierce Utilities Authority
Water and Wastewater Rate Study - MWRP FY 2010

Proposed Inactive Account (Readiness to Serve) Charges

Footnotes:

[1] Amounts reflect rates for Inside City services. Customers Outside the City Limits are charged a 25% surcharge in addition to the rates above.

[2] Amount estimated at existing rate levels without implied water consumption as follows:

Water System

Meter	Existing Base Charge	Included Usage	Rate per Usage	Implied Base Charge
5/8	\$16.40	3	\$2.37	\$9.29
1.0	37.29	6	2.37	23.07
1.5	74.59	12	2.37	46.15
2.0	116.45	18	2.37	73.79
3.0	237.72	38	2.37	147.66
4.0	353.83	52	2.37	230.59
6.0	710.05	105	2.37	461.20
8.0	1,164.53	180	2.37	737.93
10.0	1,629.52	240	2.37	1,060.72

Wastewater System

Meter	Existing Base Charge	Included Usage	Rate per Usage	Implied Base Charge
5/8	\$11.09	0	\$3.97	\$11.09
1.0	27.78	0	2.37	27.78
1.5	55.55	0	2.37	55.55
2.0	88.94	0	2.37	88.94
3.0	177.87	0	2.37	177.87
4.0	277.89	0	2.37	277.89
6.0	555.78	0	2.37	555.78
8.0	889.29	0	2.37	889.29
10.0	1,278.36	0	2.37	1,278.36

[3] Amounts proposed for Fiscal Year 2007 to be effective January 1 with subsequent increases on October 1 of each fiscal year.