

CITY OF TAVARES

2014 Utility Rate Study

September 11, 2014





950 South Winter Park Drive
Suite 240
Casselberry, FL 32707

Phone 407. 960.1806
Fax 407. 960.1803

www.raftelis.com

September 11, 2014

Ms. Lori Houghton
Finance Director
City of Tavares
201 E. Main St.
Tavares, FL 32778

Subject: Water, Wastewater, Reclaimed Water and Stormwater Rate Study Report

Dear Ms. Houghton:

Pursuant to our agreement, Raftelis Financial Consultants, Inc. (RFC) has conducted a water, wastewater, reclaimed water and stormwater revenue sufficiency analysis. In addition to the revenue sufficiency study the impervious area used for stormwater equivalencies was also reviewed as to its appropriateness for use in determining a basis for stormwater level of service. This Report provides the analysis, findings, conclusions and recommendation of the study together with discussions, tables and schedules supporting and documenting the study process. Professional care was used in identifying and utilizing data, assumptions and estimates such that the rate structure and rates reasonably represent the costs of providing services to customers within the City's service areas.

Thanks and appreciation is extended to the City of Tavares for providing RFC this opportunity and to you and the City's fine staff that provided data and assisted in the understanding and development of critical data.

Very truly yours,

Raftelis Financial Consultants, Inc.

A handwritten signature in blue ink that reads 'Marco H. Rocca'.

Marco H. Rocca, CMC
Director of Florida Operations

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EXECUTIVE SUMMARY

This Report provides the basis for appropriate cost recovery for water, wastewater reclaimed water and stormwater services through the City of Tavares (the “City”) Utilities Department (the “Utility”). Although the Utility enterprise is a single entity it is organized into two divisions of: 1) water, wastewater and reclaimed water and 2) stormwater. Revenues, budgets and policies for each division are set and managed individually, such that one division does not contribute or subsidize that other. In addition to operational services both division of the Utility have recently undertaken a series of improvements to address the continuous need to upgrade, renew and replace facilities, and correspondingly prepared a plan to finance the improvements through grants, reserves, impact fees and low interest long term loans. This Report analyzes the ability of each division to meet their operating and capital needs through the existing rates, charges and fees. The City has also requested that the stormwater equivalency basis, establish by ordinance in 1987, be reviewed to determine its appropriateness based on existing property characteristics.

Customers

Water, Wastewater and Reclaimed Water

The water, wastewater and reclaimed water division has approximately 9,000 metered connections of various sizes located both inside and outside the City limits. These connections represent approximately 11,500 Equivalent Meter Connections (EMC’s) based on an American Water Works Association standard water meter equivalency basis. Water and wastewater customers are categorized as either: 1) Single Family; or 2) Multi-Family, Commercial and Irrigation, whereas, reclaimed water customers are categorized as either: 1) General Service; or 2) Large User. These categories together with subcategory criteria, identify the various customers pursuant to general demand characteristics, allowing for recovery of costs through equitable rates and charges. Customers in this division are anticipated to increase at a very modest rate for water and wastewater, and at a more progressive rate for reclaimed water as the service becomes available, as illustrated on **Graph ES-1**.

Stormwater

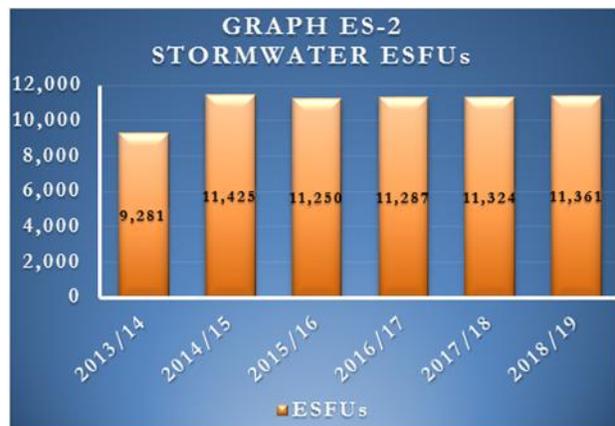
The stormwater division has approximately 6,500 accounts, located solely within the City limits, classified as either Residential or Non Residential with multiple subcategories for Non Residential. All non-exempt properties are assigned a stormwater Equivalent Single Family Unit (ESFU) amount based on the account’s property impervious area, which currently totals approximately 11,600 ESFUs. The basis for an ESFU, as set by ordinance, is 3,000 square feet of impervious area. Single Family properties are set at 1.0 ESFU, whereas, Non Residential are set at the greater of 1.0 ESFU or the properties impervious area divided by 3,000 square feet per ESFU. Reflected on **Graph ES-2** are the existing and projected stormwater ESFUs. The increase in ESFUs from fiscal year 2013/14 to 2014/15 reflects the recent recount as part of this analysis, while the slight decrease in future years is due to the anticipated credits being proposed for properties with approved on-site stormwater facilities.

A comprehensive analysis was undertaken to identify both the existing number of and impervious area characteristic for properties within the City. In identifying the appropriateness of the established equivalency basis the analysis utilized a sample population within a 95 percent confident level of the median impervious area of all improved Single Family and Manufactured Home parcels within the City. The identified median impervious area for all Single Family and Manufactured Home parcels within the City was determined, as shown on **Table ES-1**, to be 99.5 percent of the existing City basis of 3,000 square feet per ESFU provisions, confirming the appropriateness of the existing SFU basis.

**Table ES-1
Distribution of Population and Sample: Single Family Residence vs. Manufactured Home**

	Population		Sample		Impervious Area		
	Count	Proportion	Count	Proportion	Minimum	Maximum	Median
Single Family	3,855	74%	279	72%	714	9,775	3,045
Manufactured Home	1,349	26%	107	28%	952	5,354	2,811
Both	5,204	100%	386	100%			2,984

The analysis further determined that consideration should be given to properties that could establish that they effectively provide on-site stormwater services that actually reduces City stormwater costs through a credit program. The Stormwater Fee credit program, which is more fully detailed in the body of this Report is based on three primary premises: 1) the quality and quantity of stormwater runoff is, to a large extent, related to the amount of impervious area on a property; 2) the Stormwater Fee primarily funds services for which demand is directly correlated to impervious area runoff; and 3) property owners have control over the quantity and quality of stormwater leaving their property, and can decrease demand for these services. To obtain the Stormwater Fee credits the applicant must fully demonstrate required practices, periodically update the application and will be entitled to an appeals process.



Rate Structure and User Rates, Charges and Fees

Water, Wastewater and Reclaimed Water

The existing water and wastewater and reclaimed water rates were determined on a modified cost of service basis designed to recover the budgeted and projected fiscal requirements of the division. This methodology provides a just and equitable recovery of operating and maintenance (O&M) expenses, debt services, renewal and replacement (R&R), transfers to the General Fund and minor capital costs (collectively “Operating Costs”) through user rates, fees and charges. Major capital costs associated with the Capital Improvement Plan (CIP) are anticipated to be funded from several sources including operating reserves, impact fees, grants, and proceeds from bond issues and/or loans.

The rate structure is comprised of various elements/components such as rates, charges and fees, which were reviewed and determined to be appropriate for just and equitable cost recovery. The rate structure consists of: (i) Monthly Base Charges that increase pursuant to a connection’s level of service based on a meter equivalency standard; and (ii) usage rates, with water rates having inclining blocks to encourage conservation.

Existing water, wastewater and reclaimed water user rates and charges are provided in **Table ES-2**.

Table ES-2
Existing Water, Wastewater and Reclaimed Water User Rates and Charges

Existing Water and Wastewater User Rates and Charges						
	EMCs	Inside City		Outside City		
		Water	Wastewater	Water	Wastewater	
Base Charge						
Single Family All Meter Sizes	1.00	\$15.57	\$19.04	\$19.48	\$23.81	
Multi-Family, Commercial & Irrigation						
3/4"	1.00	\$15.57	\$19.04	\$19.48	\$23.81	
1.0"	2.50	38.94	47.63	48.68	59.52	
1.5"	5.00	77.89	95.25	97.35	119.05	
2.0"	8.00	124.61	152.39	155.76	190.50	
3.0"	15.00	233.65	285.74	292.06	357.16	
4.0"	25.00	389.42	476.24	486.76	595.29	
6.0"	50.00	778.83	952.46	973.52	1,190.57	
8.0"	80.00	1,246.11	1,523.94	1,557.64	1,904.92	
10.0"	115.00	1,791.28	2,190.67	2,239.11	2,738.32	
Usage Rates ^{1 2}						
Allowance per EMC ³						
Block 1	0	3,000	\$1.17	\$3.22	\$1.46	\$4.02
Block 2	3,001	7,000	1.71		2.13	
Block 3	7,001	14,000	2.78		3.47	
Block 4	Above		3.72		4.64	
Reclaimed Water Rates and Charges						
		Inside City		Outside City		
General Service						
Base Charge per EIC			\$10.72		\$13.40	
Usage Rates ¹	Allowance per EIC					
Block 1	0	5,000	\$1.08		\$1.35	
Block 2	5,001	10,000	\$1.55		\$1.93	
Block 3	10,001	15,000	\$2.53		\$3.16	
Block 4	Above		\$3.39		\$4.23	
Large User						
Pressure						
Base Charge per EIC			\$8.67		\$11.39	
Usage all flow			\$0.92		\$1.15	
Non Pressure						
Base Charge per EIC			\$6.87		\$8.58	
Usage all flow			\$0.69		\$0.86	

1. Per 1,000 gallons.

2. Residential wastewater capped at 14,000 gallons per month.

3. Single Family limited to one EMC.

Stormwater

Cost recovery for stormwater activities are provided from a fee per ESFU. The Stormwater Fee, set by ordinance is currently \$6.25 per ESFU.

Rate and Fee Comparisons to Other Communities

A common activity used by policymakers, administrators, management, customers and media during a rate setting process is comparisons of a utility's rates to those of other nearby communities/utilities.

Although this activity provides a level of comparison, it generally is misinterpreted, misused and utilized incorrectly. Cost recovery through user rates, charges and fees is a complicated function that, for the most part, uses common or similar names for charge, rate and fee components. However, the commonality or similarity generally ends at the name. The derivation, cost allocations and formulation of determinants for each rate, charge or fee can and generally does vary significantly.

Nearby central Florida communities were contacted to obtain current water, wastewater, reclaimed water and stormwater rates, charges and fees. Comparative results for a typical single family water and wastewater customer are showed in **Table ES-3** along with reclaimed water and monthly Stormwater Fees. The monthly charges represent the billing amounts before any franchise, service or other applicable fees or charges not directly related to the cost for the subject utility service. The daily amounts provide a different perspective on the cost associated with the utility services. The comparisons of other Communities should be considered as illustrations of the amount paid by the customers and not functional cost of service. It should be noted that the monthly combined water and wastewater charges for the City of Tavares reflect the extensive renewal and upgrading of utility facilities along with the recent addition of reclaimed water services. Other Communities may not have recently provided for similar improvements and if not will have to address such improvements in future years, which most likely will result in increases in their monthly charges. These ununiform improvement periods among different communities is not uncommon and will inevitably vary.

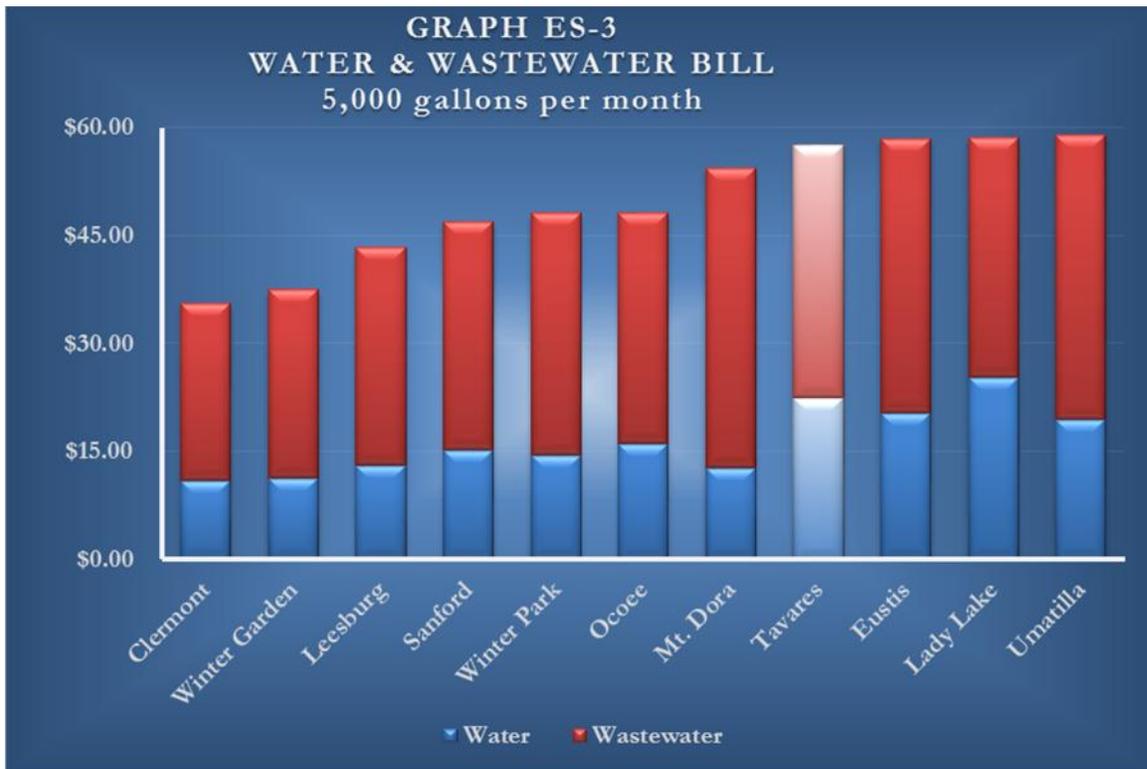
Table ES-3
Monthly Water, Wastewater, Reclaimed Water
and Stormwater Bill Comparison

	Combined Water and Wastewater¹	Reclaimed²	Stormwater
Tavares	\$57.64	\$19.22	\$6.25
Other Communities			
Apopka	\$38.57	\$8.39	\$2.08
Clermont	\$35.55	\$15.49	\$3.00
Eustis	\$58.44	\$8.75	\$6.00
Lady Lake	\$58.53	\$26.30	\$0.00
Leesburg	\$43.29	\$14.11	\$6.00
Mt. Dora	\$54.42	\$10.27	\$5.00
Sanford	\$46.94	\$13.40	\$7.63
Winter Park ³	\$48.13	\$14.64	\$11.56
Umatilla	\$59.01	N/A	\$4.00
Ocoee	\$48.18	\$13.76	\$8.75
Winter Garden	\$37.50	\$15.61	\$6.00
Average	\$48.05	\$14.07	\$6.00

1. 3/4-inch Residential @ 5,000 gallons water and wastewater per month.

2. 3/4-inch General Service @ 7,000 gallons per month.

3. Stormwater Fee based on Class 4 (2,300-2,899 sqft of impervious area).



FY 2013/14 and Projected Rate Requirements

Operating fiscal requirements are directly related to the level of services provided to customers by the Utility, and therefore, appropriately recovered through User Rates and Charges. It should be noted that in the selected utility ratemaking methodology, a cash or fiscal requirement basis of accounting is used, wherein; non-cash items such as depreciation and amortization are not considered for recovery through User Rates and Charges. The fiscal requirements, for the purpose of ratemaking, are partitioned into categories that correspond to the flow of funds and related provisions associated with tax-exempt long-term indentures, primarily consisting of O&M expenses, debt service and other non-operating revenues and expenses. Additionally, provisions are included to address capital needs and reserves to maintain the quality of both services and the utility's financial credit. These fiscal requirements are reduced by revenues from sources other than User Fees such as interest income, impact fees, contributions, grants and miscellaneous charges resulting in net rate requirements.

The net rate requirements to be recovered through 1) the monthly water, wastewater and reclaimed water user rates and charges and 2) Stormwater Fees, were identified using the adopted budget for FY 2014/15. The FY 2014/15 and projected fiscal requirements including CIP are provided on **Table ES-4**, which include R&R Fund transfers as well as transfers to the City's General Fund.

Table ES-4
Fiscal and Net Rate Requirements

	2014/15	2015/16	2016/17	2017/18	2018/19
<u>Water, Wastewater and Reclaimed Water</u>					
O&M Expenses	\$4,948,500	\$5,024,800	\$5,161,800	\$5,302,000	\$5,445,900
Existing Debt Service ¹	2,062,100	2,437,100	2,432,700	2,436,200	2,438,400
Proposed Debt Service	0	0	137,200	137,200	336,300
Capital from Rates	73,100	76,800	80,400	83,500	86,600
Transfers	954,800	1,027,400	1,068,800	1,111,500	1,153,000
Total Fiscal Requirement	\$8,038,500	\$8,566,100	\$8,880,900	\$9,070,400	\$9,460,200
Less Other Sources	317,300	317,500	319,200	320,300	302,700
Net Rate Requirement	\$7,721,200	\$8,248,600	\$8,561,700	\$8,750,100	\$9,157,500
CIP ²	\$15,233,900	\$3,745,000	\$994,700	\$5,655,000	\$4,660,000
<u>Stormwater</u>					
O&M Expenses	\$545,800	\$561,500	\$576,900	\$593,500	\$609,900
Leases	72,300	72,300	72,300	72,300	72,300
Proposed Debt Service	59,600	113,200	122,700	141,700	439,800
Transfers	52,600	54,100	54,900	56,500	57,300
Total Fiscal Requirement	\$730,300	\$801,100	\$826,800	\$864,000	\$1,179,300
Less Other Sources	1,100	1,100	1,100	1,100	1,100
Net Fee Requirement	\$729,200	\$800,000	\$825,700	\$862,900	\$1,178,200
CIP ²	\$300,000	\$5,000,000	\$0	\$0	\$0

1. Includes capital lease payments.

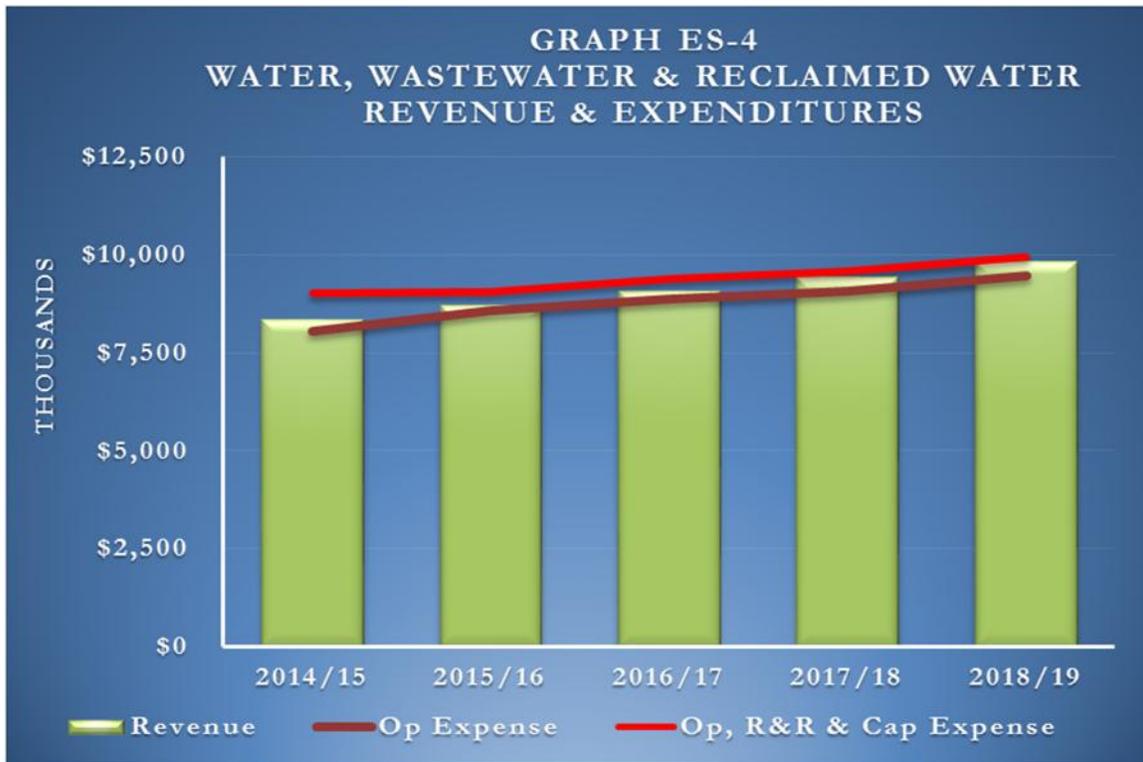
2. Funded from loans, grants and reserves.

Revenue Sufficiency

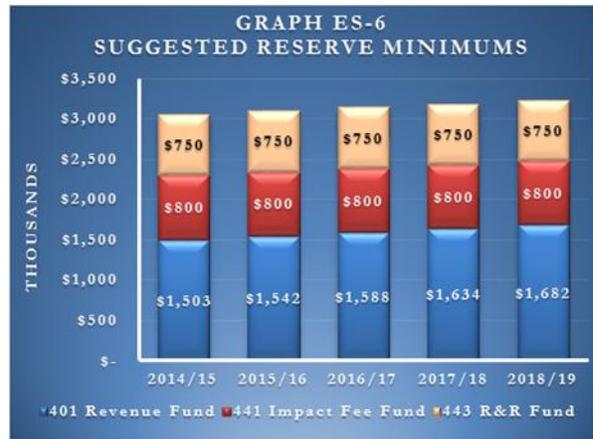
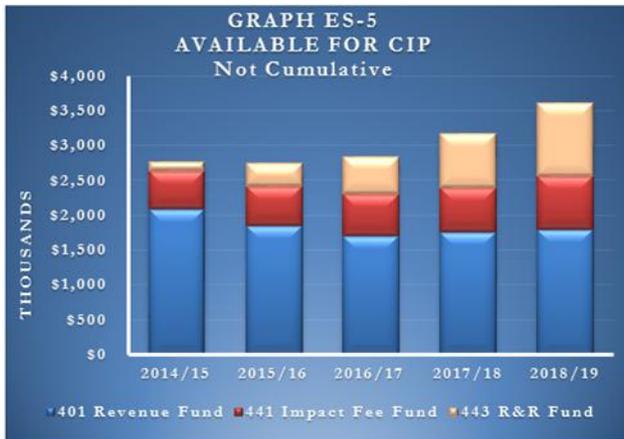
The primary task of this study is to identify the sufficiency of the revenues generated from existing rates and charges to meet the requirements of the budgeted and five year forecasted Operating Costs and CIP expenditures along with the covenants for R&R, debt service coverage for both the senior and State Revolving Fund (SRF) loans and accumulation of adequate reserves.

Water, Wastewater and Reclaimed Water

Revenue sufficiency, based on existing ordinance provisions of inflation plus one percent, and forecasted expenditures for the five years ending fiscal year 2018/19, is illustrated on **Graph ES-4**. The green columns represent gross revenues including amounts provided from miscellaneous charges and interest income. The lower brown line identifies expenditures associated with O&M expenses, existing and proposed debt service, R&R and transfer requirements; whereas, the red line signifies the expenditures associated with the brown line plus certain Pay-As-You-Go (PAYG) capital items and improvements. As clearly illustrated on the graph, revenues, based on existing provisions of inflation plus one percent, are sufficient to meet all required expenditures, support the proposed funding for the CIP and meet covenant provisions. The apparent shortfall, shown as the difference between the green columns and red line, is of an amount that can be adequately managed through fiscal year 2017/18 from existing reserve funds. However, any additional continued shortfalls would erode the financial stability of the Utility; therefore, the amount of PAYG expenditures will need to be budgeted at manageable levels such that revenues will be sufficient to provide for all expenditure requirements including the PAYG capital items and improvements by fiscal year 2018/19.



Along with providing adequate revenues for operation and other PAYG needs, the water, wastewater and reclaimed water division is forecasted to adequately provide for the five year CIP and maintain minimum reserve balances for creditworthiness, as shown on **Graph ES-5** and **ES-6**.

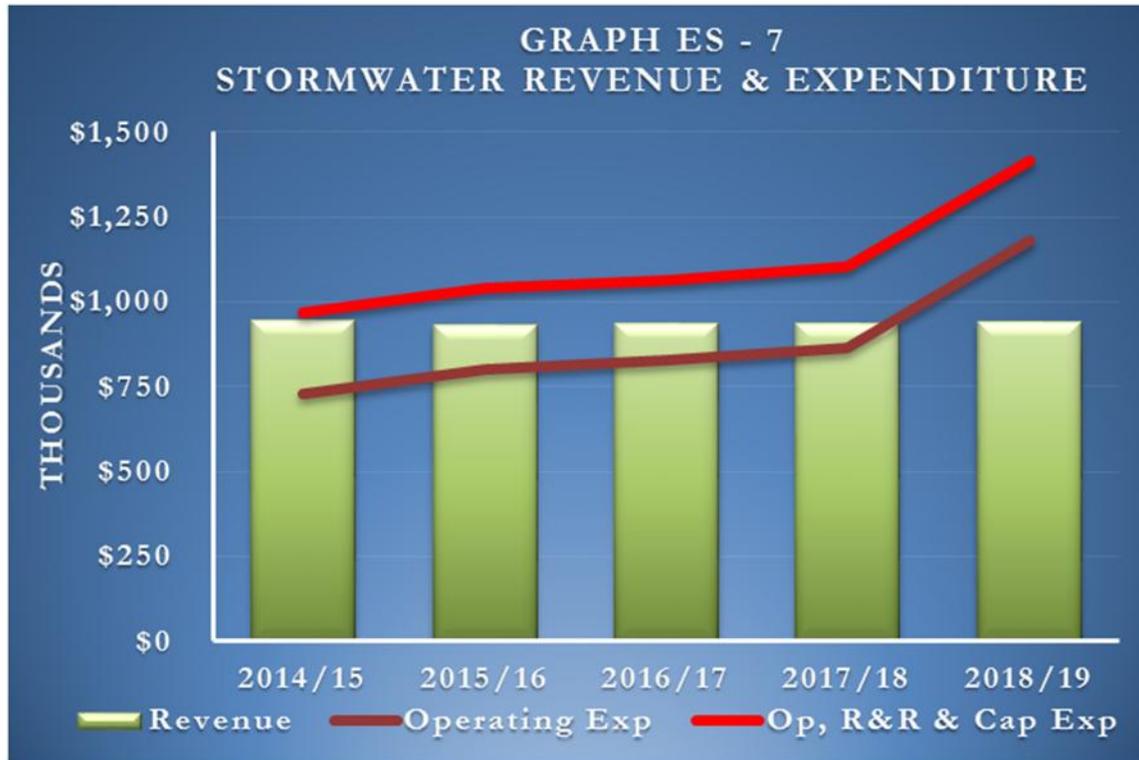


Stormwater

A similar forecast of revenue and expenditures was conducted for stormwater; however, the results are materially different. The stormwater division does not have the same propensity to generate revenues as does the water, wastewater and reclaimed water division due to the differences in number of equivalencies and level of existing fees. Historically, the Utility Department has managed and adjusted both operations and capital improvements to available revenues rather than fully increasing fees to provide revenues to meet required needs. Currently, regulatory clean water mandated along with capital improvements to address collection and retention of stormwater throughout the City have increased operational costs, debt service and pay-as-you go needs, as illustrated on **Graph ES-7**. The green columns represent revenues based on the existing Stormwater Fee ordinance, the brown line

represents O&M expenses together with existing and proposed debt service; and the red line representing all brown line amounts along with PAYG capital items and improvements.

It should be noted that a significant amount of recent and forecasted CIP costs have been reduced as a result of the aggressive pursuit of grant funding by the Utility Department. Without the grant funding the differences between the green columns and expenditure lines would be much greater.



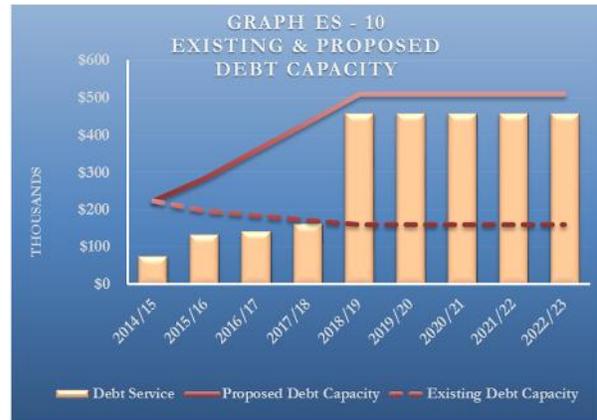
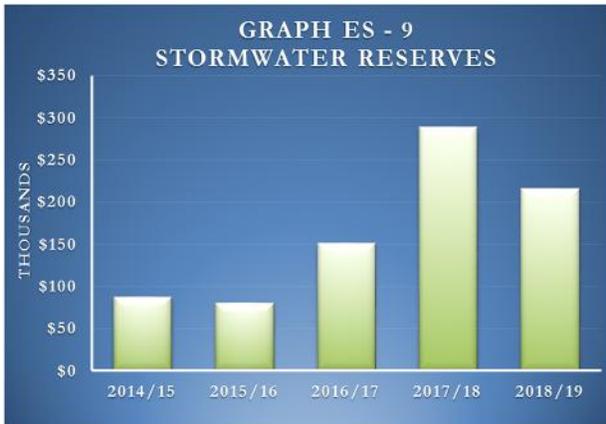
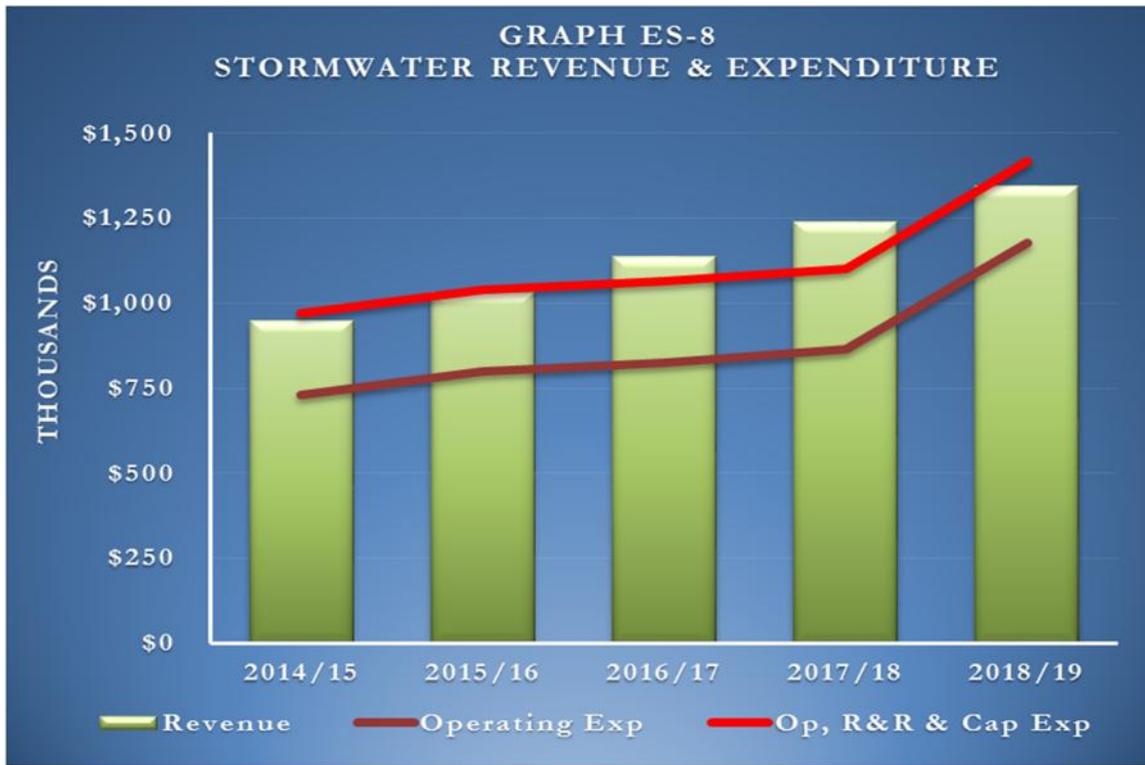
Adjustments

Water, Wastewater and Reclaimed Water

As identified in the previous section no changes to the existing rate provisions in the Land Development Regulations are needed for the water, wastewater and reclaimed water division of the utility enterprise.

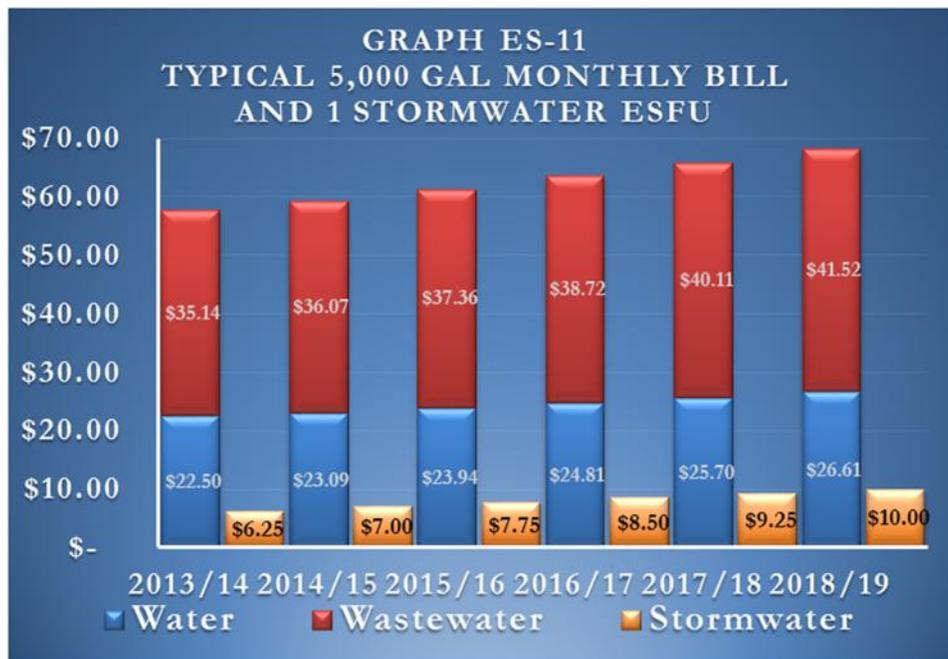
Stormwater

The stormwater division does require certain fee adjustments to adequately provide for the budgeted and forecasted requirements. To achieve the required levels of revenues for each fiscal year through 2018/19, the fee adjustments will need to be a minimum of \$0.75 per year per ESFU. These proposed fee adjustments results in revenue sufficiency, as illustrated on **Graph ES-8**, and modest accumulation of reserves as shown on **Graph ES-9**. A clear illustration of the need for the series of fee adjustments is provided in **Graph ES-10**, where the differences between the existing and proposed levels of debt capacity are provided along the existing and anticipated debt service.



Adjustment Summary

An understanding of the adjustments on a single family customer is provided on **Graph ES-11**. The example on the graph is for typical single family water and wastewater usage of 5,000 gallons per month and 1 stormwater ESFU.



Findings, Conclusions and Recommendations

The water, wastewater, reclaimed water rates and Stormwater Fee presented herein are developed in consideration of the Utility's goal of just and equitable full cost recovery for services. Appropriate rate setting requires that consideration be given to the recovery of costs for both service availability and commodity benefits associated with the providing, maintaining and delivering utility services to each class of customer. The Utility is in the process of expanding the availability of reclaimed water for the benefit of all customers (water, wastewater and reclaimed water) in that reclaimed water activity also addresses the regulatory constraints of maintaining adequate potable water supply for the economic growth of the City and community.

- The existing water, wastewater and reclaimed water rate structure was reviewed and determined to be equitable and consistent with the ratemaking criteria and the Utility's goals and objectives.
- The established ordinance provisions for existing rates and charges are sufficient to address the forecasted needs including debt capacity for water, wastewater and reclaimed water CIP.
- Revenues derived from the existing Stormwater Fee were determined to be inadequate to address the forecasted needs including CIP.
- It was determined that a series of equal annual increases to the existing Stormwater Fee would be sufficient to address the projected debt service requirements of new debt to fund capital improvements.
- A comprehensive analysis of stormwater accounts identified that certain adjustments are necessary to bring the billing data current with existing properties.
- In reviewing the existing stormwater policies, it was determined that provisions for Stormwater Fee credits should be adopted.

Pursuant to the findings of the study, generally accepted principles of ratemaking, requirements of Florida Statutes and with consideration of community standards, it is recommended that the City should proceed to:

1. Continue to adjust the water, wastewater and reclaimed water rates, charges and fees pursuant to the provisions establish by ordinance in the Section 17-55 (B) of the Land Development Regulations, which provides:
“Commencing on October 1, 2010, and each year thereafter, rates set forth in Exhibit “B” shall be adjusted by the greater of: (i) 1.0 percent; or (ii) 1.0 percent per year in addition to the annual indexing for inflation pursuant to the Consumer Price Index as of March 31, 2010 and each year thereafter. The new rates shall be calculated by multiplying the existing rates by a fraction, the numerator of which shall be the index for the month of March of the same calendar year for which the increase applies and the denominator shall be the index for the month of March of the previous calendar year.”
2. Adopt a schedule of Stormwater Fee adjustments of \$0.75 per year per ESFU with an effective date of October 1, 2014 and each succeeding October 1 through October 1, 2018;
3. Establish and adopt a Stormwater Fee Credit policy based pursuant to the discussions in this Report;
4. Reevaluate the water, wastewater and reclaimed water rate structure and rates periodically or whenever significant changes occur in the cost, debt service or method of delivery of Utility services; and
5. Reevaluate the Stormwater Fee periodically or whenever significant changes occur in the cost, debt service or method of delivery of Utility services.

The expenses, costs, and criteria associated with ratemaking are representative of averages that are developed primarily from historic data or projections based on opinions and assumptions. Significant amounts of historical review and analysis, together with the development of assumptions based on prudent engineering, financial, and ratemaking relationships were utilized in the development of the customers, operating activity, costs and proposed rates and charges. Some of the assumptions will inevitably change or not materialize, and unanticipated events may occur which could significantly change the results presented herein.

INTRODUCTION

General

The City of Tavares, Florida (the “City”) has embarked on a capital improvement program to maintain, upgrade and expand water, wastewater, reclaimed water and stormwater facilities, which will reduce future operating cost, reduce the probability of service disruptions and failures due to inadequate or deteriorated facilities, and provide capacity for growth. The systematic program prepared by the utility’s consulting engineers is partly funded from grants and operating reserves with remaining balances being provided from low interest loans to be repaid from net revenues of the combined enterprise fund. Raftelis Financial Consultants, Inc. (RFC) was retained by the City to provide professional utility consulting services to review the revenue sufficiency of existing rates for operations and capital improvements, and provide appropriate rate adjustment recommendations if needed.

Goals and Objectives

Prior to commencement of this rate study, City’s staff was contacted to discuss the primary goals and objectives consisting of:

- Identifying appropriate levels of rate revenue, which together with other available funds are adequate to provide: a) for 100 percent of Operating and Maintenance Expense; b) debt service payments and coverage requirements; c) transfers to the Renewal and Replacement Fund; d) for adequate levels of operating reserves; and e) address future capital improvements.
- Utilizing a cost of service approach taking into consideration community standards;
- Maintaining, to the extent feasible, the existing rate structure;
- Minimizing rate adjustments;
- Reviewing and updating the Stormwater Equivalent Single Family Unit (ESFU) impervious area criteria based on a sampling of single family properties; and
- Measuring the actual impervious area of all commercial parcels inside the City.

Computer Rate Model

In addressing the study needs, a Microsoft Excel-based comprehensive rate model, which was previously used for the water and wastewater system was expanded and modified to include the stormwater system. The computer rate model has the capability to project the salient attributes associated with the financial operations of each system, including but not limited to customer statistics, budgets, fiscal requirements, existing user rates and charges, proforma statements, sources and uses of the capital funding program and utility fund balances. The computer model is a dynamic tool that assists with identifying the outcome various alternatives with respect to changes in fiscal requirements, customers, rate structures, rates and operations.

Acknowledgements

This study was completed with the commendable cooperation and assistance provided by Ms. Lori Houghton, Mr. Brad Hayes and other City staff.

EXISTING RATES AND CUSTOMERS

General

Although the utilities were recently consolidated as a single enterprise the City has expressed a desire that each system continue to independently provide for its specific fiscal needs while sharing in the combined financial strength of the combined enterprise. Operating expenses, debt service and certain non-operating fiscal requirements for each system are primarily funded from revenues derived from the schedule of rates, charges, and fees for each system. Whereas, major capital costs are funded from several sources including operating reserves, impact fees and grants, as well as proceeds from bond issues and loans. The revenue generation systems are comprised of user fees, ancillary charges for specifically requested services, penalties and related interest earnings. Additionally, the utility system recovers costs through impact fees and transfers from other sources. The primary source of revenues for the water, wastewater and reclaimed water division is from user fees designed on a cost-of-service basis applied equitably pursuant to customer class, usage and property characteristics. The existing water, wastewater and reclaimed water rates, charges and fees were last adjusted with the passage of Ordinance 2007-29 on September 19, 2007 with an effective date of October 1, 2007, and codified in Section 17-55 (B) of the Land Development Code, providing for annual indexing based on the greater of: (i) 1.0 percent; or (ii) 1.0 percent plus inflation. The Stormwater Fee was last adjusted by Ordinance 2013-33, on October 17, 2013 to \$6.25 per ESFU.

Existing Rate Structures and Rates

Water, Wastewater and Reclaimed Water

The existing water, wastewater and reclaimed water rate structures each utilize two components consisting of a Base Charge per equivalency and Usage Rates per 1,000 gallons based on metered water use. The Base Charge is a fixed amount providing for revenue stability, whereas, the Usage Rates allow for equitable cost recovery at various service levels and promote conservation of natural resources. Equivalencies for water and wastewater are based on Equivalent Meter Connection (EMC) pursuant to the criteria derived from the American Water Works Association (AWWA) standards on maximum continuous flows, which is incorporated in the Florida Administrative Code. All Single Family connections are considered as one EMC irrespective of water meter size; whereas, EMCs for Non Single Family, Commercial and Irrigation customers are progressive based on water meter size equivalency factors. The Water Usage Rates utilize four inclining usage blocks, wherein, the cost per 1,000 gallons within each inclining block increases as usage progresses into the next usage block level. The level of usage for each inclining usage blocks is based on a multiple of the number of EMCs associated with each account, which promotes an equitable relationship between size of connection and cost. Wastewater usage is charged at a single Usage Rate per 1,000 gallons of metered water, with the usage capped at 14,000 gallons per month for all residential accounts. There is no cap on non-residential wastewater bills.

Although the reclaimed water is similar it utilizes a Level of Service (LOS) associated with irrigation needs as an equivalency basis along with inclining block usage rates to promote conservation. The LOS standard is based on irrigation usage promoted by the agriculture and landscape architectural industries, and supported by Florida water management districts. This standard generally consists of approximately one inch per week, resulting in a demand of approximately 2.5 gallons per square foot (sf) per month or approximately 9,120 gallons per month for the typical single-family lot with an irrigable area of approximately 3,600 sf. This level of demand translates to approximately 300 gallons per day (gpd), which is used as the basis to establish an EIC.

Application of the EIC basis to customers within the City's service area is as follows:

1. Single-family lots consisting of one-half acre or less are equal to one EIC.
2. All other General Service connections are the greater of: one EIC; or (the parcel/lot size in sf less the sf of non-permeable area) times 0.083 gpd/sf divided by 300 gpd/EIC and rounded up to the next higher whole number; or the requested amount of service in gpd divided by 300 gpd/EIC and rounded to the next highest whole number.

As examples:

1. A connection with a total lot area of 43,560 sf with non-permeable area of 38,560 sf has 5,000 sf of irrigable area. The irrigable area times 0.083 gpd/sf equates to 415 gpd; dividing the 415 gpd by the EIC standard of 300 gpd/EIC and rounding up to the next highest whole number provides two EICs.
2. A connection with a total lot area of 217,800 sf with non-permeable area of 194,300 sf has 23,500 sf of irrigable area. The irrigable area times 0.083 gpd/sf equates to 1,951 gpd; dividing the 1,951 gpd by the EIC standard of 300 gpd/EIC and rounding to the next highest whole number provides seven EICs.

In addition to the above reclaimed water rates, the City has a policy whereby reclaimed water can be provided for agriculture purposes provided that: service is available; usage on a cumulative basis for all such connections does not exceed 20 percent of available reclaimed water; and each connection enters into an agreement with the City. Charges for such services is on a case by case basis.

These user rates and charges together with the salient application criteria are summarized below in **Table 1**.

Table 1
Existing Water, Wastewater and Reclaimed Water User Rates and Charges

Existing Water and Wastewater User Rates and Charges						
	EMCs	Inside City		Outside City		
		Water	Wastewater	Water	Wastewater	
Base Charge						
Single Family All Meter Sizes	1.00	\$15.57	\$19.04	\$19.48	\$23.81	
Multi-Family, Commercial & Irrigation						
3/4"	1.00	\$15.57	\$19.04	\$19.48	\$23.81	
1.0"	2.50	38.94	47.63	48.68	59.52	
1.5"	5.00	77.89	95.25	97.35	119.05	
2.0"	8.00	124.61	152.39	155.76	190.50	
3.0"	15.00	233.65	285.74	292.06	357.16	
4.0"	25.00	389.42	476.24	486.76	595.29	
6.0"	50.00	778.83	952.46	973.52	1,190.57	
8.0"	80.00	1,246.11	1,523.94	1,557.64	1,904.92	
10.0"	115.00	1,791.28	2,190.67	2,239.11	2,738.32	
Usage Rates ^{1 2}						
Allowance per EMC ³						
Block 1	0	3,000	\$1.17	\$3.22	\$1.46	\$4.02
Block 2	3,001	7,000	1.71		2.13	
Block 3	7,001	14,000	2.78		3.47	
Block 4	Above		3.72		4.64	

Table 1
Existing Water, Wastewater and Reclaimed Water User Rates and Charges

Reclaimed Water Rates and Charges				
General Service			<u>Inside City</u>	<u>Outside City</u>
Base Charge per EIC			\$10.72	\$13.40
Usage Rates ¹	Allowance per EIC			
Block 1	0	5,000	\$1.08	\$1.35
Block 2	5,001	10,000	\$1.55	\$1.93
Block 3	10,001	15,000	\$2.53	\$3.16
Block 4	Above		\$3.39	\$4.23
Large User				
Pressure				
Base Charge per EIC			\$8.67	\$11.39
Usage all flow			\$0.92	\$1.15
Non Pressure				
Base Charge per EIC			\$6.87	\$8.58
Usage all flow			\$0.69	\$0.86

1. Per 1,000 gallons.

2. Residential wastewater capped at 14,000 gallons per month.

3. Single Family limited to one EMC.

Customer and Revenue Base Data Summary

A billing frequency analysis was performed to identify the number of customers by class, usage characteristics and revenue generation. The customer characteristics and associated relationships derived from the billing analysis provides the backbone data and criteria for the customer related revenue generation factors and generally does not change materially from year to year. Billing frequency data was obtained from the 12-month billing records ending on September 30, 2012. The results of the analysis summarized in **Table 2**, as detailed in **Appendix A**, allows for an understanding of both amounts and the relative relationships of the amounts to totals. The customer data confirms previous finding that the customer classifications, characteristics and flows are similar to those of municipal utilities in Florida.

Table 2
Existing Customer and Revenue Summary

	<u>Accounts</u>	<u>%</u>	<u>EMCs</u>	<u>%</u>	<u>Flow</u> ^{1,2}	<u>%</u>	<u>Revenue</u>	<u>%</u>		
Water Customers										
Inside	8,443	95.06%	10,696	94.54%	797,622	95.75%	3,562,400	94.15%		
Outside	439	4.94%	617	5.46%	35,391	4.25%	221,300	5.85%		
Total Water	8,882	100.00%	11,313	100.00%	834,638	100.00%	3,790,300	100.00%		
Wastewater Customers										
Inside	6,508	99.09%	7,796	98.43%	492,962	99.04%	3,150,400	98.40%		
Outside	60	0.91%	125	1.57%	4,766	0.96%	51,100	1.60%		
Total Wastewater	6,568	100.00%	7,936	100.00%	497,718	100.00%	3,204,900	100.00%		
Metered Water Flow Analysis ²										
	Block 1		Block 2		Block 3		Block 4		Total	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
Inside	258,766	95.08%	187,228	95.47%	153,638	96.16%	199,616	96.63%	799,247	95.76%
Outside	13,404	4.92%	8,879	4.53%	6,143	3.84%	6,966	3.37%	35,391	4.24%
Total	272,170	100.00%	196,106	100.00%	159,780	100.00%	206,582	100.00%	834,638	100.00%
% of Total	32.61%		23.50%		19.14%		24.75%		100.00%	

1. Metered water flow.

2. Flow shown in thousands of gallons.

Current and Projected Customers and Billable Flows

The initial number of accounts, equivalencies and billable flows for FY 2013/14 were derived from the previously discussed billing frequency analysis. Conversations with City staff together with an understanding of recent construction trends suggest that new customer absorption for the analysis period should be slightly more than amounts experienced in the recent past. Information provided by City staff suggests that reclaimed water connections will occur in relatively modest amounts, primarily from communities that have existing reclaimed water distribution facilities and one community that is in the process of disconnecting its existing potable irrigation meters and connecting to reclaimed water through a master meter. It is also noteworthy to mention that the City has two connections being provided reclaimed water through special agriculture use agreements. The growth assumptions presented in **Table 3** reflect modest annual increases of less than one percent for the five year study period.

Table 3
Projection of Average Customer Connections,
EMCs, EICs and Annual Billable Flow ¹

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Water						
Accounts	9,003	9,064	9,125	9,187	9,249	9,311
EMCs	11,466	11,559	11,652	11,746	11,837	11,917
EMC Increase		0.81%	0.80%	0.81%	0.77%	0.68%
Billable Flow (Residential & Commercial)						
Block 1	216,365	218,750	221,136	223,547	225,879	227,931
Block 2	133,718	135,070	136,422	137,788	139,111	140,275
Block 3	92,288	93,051	93,815	94,585	95,332	95,992
Block 4	139,751	140,298	140,847	141,401	141,939	142,426
Billable Flow (Irrigation)						
Block 1	59,720	59,720	59,720	59,720	59,720	59,720
Block 2	64,608	64,608	64,608	64,608	64,608	64,608
Block 3	68,742	68,742	68,742	68,742	68,742	68,742
Block 4	67,708	67,708	67,708	67,708	67,708	67,708
Total Billable Flow	842,900	847,947	852,998	858,099	863,039	867,402
Billable Flow Increase		0.60%	0.60%	0.60%	0.58%	0.51%
Wastewater						
Accounts	6,685	6,744	6,803	6,862	6,921	6,981
EMCs	8,053	8,112	8,171	8,230	8,290	8,350
EMC Increase		0.73%	0.73%	0.72%	0.73%	0.72%
Billable Flow	503,345	506,143	508,942	511,740	514,585	517,429
Billable Flow Increase		0.56%	0.55%	0.55%	0.56%	0.55%
Reclaimed Water						
Accounts	250	280	310	340	367	382
EICs	250	521	551	581	608	623
EIC Increase		108.50%	5.76%	5.44%	4.65%	2.47%
Billable Flow	27,730	57,330	60,630	63,930	67,030	68,530
Billable Flow Increase		106.74%	5.76%	5.44%	4.85%	2.24%

1. Billable flow shown in thousands of gallons.

FISCAL REQUIREMENTS

General

Operating fiscal requirements for the utility are directly related to the level of services provided to customers, and therefore, appropriately recovered through user rates, charges and fees. It should be noted that the selected utility ratemaking methodology for this division utilizes a cash or fiscal requirement basis of accounting; wherein, non-cash items such as depreciation and amortization are not considered for recovery through user rates, charges and fees. The fiscal requirements, for the purpose of ratemaking, are partitioned into categories that correspond to the flow of funds and related provisions associated with tax-exempt long-term indentures, primarily consisting of O&M expenses, debt service and other non-operating revenues and expenses. Additionally, provisions are included to address capital needs and reserves to maintain the quality of both services and the utility's financial credit. These fiscal requirements are reduced by revenues from sources other than User Fees such as interest income, impact fees, contributions, grants and miscellaneous charges resulting in net rate requirements.

Water, Wastewater and Reclaimed Water Division

FY 2014/15 and Projected Rate Requirements

The rate requirements to be recovered through monthly water, wastewater and reclaimed water user rates and charges were identified using the proposed budget for FY 2014/15. Administrative overhead, and other non-functional costs were allocated by the City to the primary (functional) categories of water, wastewater and reclaimed water services. Wastewater lab expenses were distributed amongst the three services as they all utilize this department. The adjusted FY 2014/15 rate requirements shown in **Table 4** were summarized from **Schedules 1, 2 and 3**. Other Needs and Transfers, as shown below, include transfers to the R&R Fund, capital improvement accounts, as well as transfers to the City's General Fund in lieu of taxes.

Table 4
FY 2014/15 Adjusted Rate Requirements

	Water	Wastewater	Reclaimed	Total
O&M Expenses				
Personnel	\$973,000	\$901,400	\$0	\$1,874,400
Operating	1,253,600	1,751,500	69,000	3,074,100
Total O&M Expenses	\$2,226,600	\$2,652,900	\$69,000	\$4,948,500
Debt Service ¹	772,300	857,700	432,100	2,062,100
Other Needs and Transfers	513,900	440,900	0	954,800
Capital from Rates	42,900	3,300	26,900	73,100
Total Fiscal Requirement	\$3,555,700	\$3,954,800	\$528,000	\$8,038,500
Less Other Sources	157,400	153,500	6,400	317,300
Rate Requirement	\$3,398,300	\$3,801,300	\$521,600	\$7,721,200

1. Assumes amendments to SRF loans for increase in improvements and extension of first semi-annual debt service payment from April 15, 2015 to October 15, 2015.

Projections of the rate requirements, for fiscal years 2015/16 through 2018/19, reflect the anticipated impacts of inflation, increases in customers and associated usage, and expansion of reclaimed water services. To address these items subject to changes, escalation factors were developed and applied for each budget line item as show in **Schedules 1, 2 and 3**. This process results in fiscal requirements that reasonably reflect probable future needs.

The primary assumptions utilized in the projection of rate requirements for the four years subsequent to FY 2014/15 are:

1. Expenditures anticipated to be impacted by general inflation at 2.5 percent annually.
2. Personnel salaries, merit increases and associated benefits increase 3.5 percent annually.
3. Expenditures influenced by both inflation and customers utilize a combined inflation and growth factor (approximately 3.30 percent annually).
4. Expenditures associated with supplies, including routine repairs and maintenance increase at the annual general inflation rate.
5. Proposed debt service is assumed to be from a series of state revolving fund loans and in addition to the costs of issuance include allowances for capitalized interest during construction. Debt service coverage for the projected SRF loans are based on the net revenues less the senior debt service and coverage amounts.
6. Annual R&R transfers reflect approximately 5.0 percent of previous year total revenues.
7. Transfer from wastewater to water to account for wastewater and reclaimed water assistance with water supply issues.

A summary of the relative percentage changes over the prior year, based on the assumptions, are shown in **Table 5**, along with the projected amounts by major category in **Table 6**. It should be noted that projections are based on anticipated events and assumptions that are subject to change, especially those associated with reclaimed water services; therefore, no assurance can be given with respect to the accuracy of such projections.

Table 5
Water, Wastewater and Reclaimed Water Budgets
Percent Change Over Prior Fiscal Year

	<u>2014/15²</u>	<u>2015/16²</u>	<u>2016/17</u>	<u>2017/18</u>	<u>2018/19</u>
Salaries and Benefits	6.63%	3.51%	3.50%	3.50%	3.48%
Operating Expenses ¹	1.34%	0.34%	2.24%	2.22%	2.22%
Salaries, Benefits and Operating Expenses ¹	3.28%	1.54%	2.73%	2.72%	2.71%
Capital In Operating Budget	20.43%	5.06%	4.69%	3.86%	3.71%
Debt Service and Transfers	31.19%	14.84%	5.03%	1.27%	6.59%
Total	13.36%	6.56%	3.67%	2.13%	4.30%

¹ Certain Capital, PILOT, R&R and Debt Service move to Capital, and Debt Service and Transfers categories.

² As of May 2, 2014.

Table 6
Projected Net Rate Requirements

	<u>2014/15</u>	<u>2015/16</u>	<u>2016/17</u>	<u>2017/18</u>	<u>2018/19</u>
Water					
O&M Expenses					
Personnel	\$973,000	\$1,007,000	\$1,042,200	\$1,078,600	\$1,116,200
Operating	1,253,600	1,224,400	1,252,600	1,281,300	1,310,200
Total O&M Expenses	\$2,226,600	\$2,231,400	\$2,294,800	\$2,359,900	\$2,426,400
Existing Debt Service ¹	772,300	959,900	957,800	959,700	960,400
Proposed Debt Service	0	0	0	0	0
Capital from Rates	42,900	44,300	45,700	47,100	48,500
Transfers	513,900	534,300	555,600	577,600	598,400
Total Fiscal Requirement	\$3,555,700	\$3,769,900	\$3,853,900	\$3,944,300	\$4,033,700
Less Other Sources	157,400	157,400	158,700	159,600	141,700
Net Rate Requirement	\$3,398,300	\$3,612,500	\$3,695,200	\$3,784,700	\$3,892,000

Table 6
Projected Net Rate Requirements

	2014/15	2015/16	2016/17	2017/18	2018/19
Wastewater					
O&M Expenses					
Personnel	\$901,400	\$933,100	\$965,900	\$999,700	\$1,034,500
Operating	1,751,500	1,788,200	1,825,900	1,864,700	1,904,800
Total O&M Expenses	\$2,652,900	\$2,721,300	\$2,791,800	\$2,864,400	\$2,939,300
Existing Debt Service 1	857,700	1,045,100	1,042,800	1,044,400	1,045,900
Proposed Debt Service	0	0	137,200	137,200	319,900
Capital from Rates	3,300	3,400	3,500	3,600	3,700
Transfers	440,900	479,100	498,000	517,400	537,300
Total Fiscal Requirement	\$3,954,800	\$4,248,900	\$4,473,300	\$4,567,000	\$4,846,100
Less Other Sources	153,500	153,500	153,500	153,500	153,500
Net Rate Requirement	\$3,801,300	\$4,095,400	\$4,319,800	\$4,413,500	\$4,692,600
Reclaimed Water					
O&M Expenses					
Personnel	\$0	\$0	\$0	\$0	\$0
Operating	69,000	72,100	75,200	77,700	80,200
Total O&M Expenses	\$69,000	\$72,100	\$75,200	\$77,700	\$80,200
Existing Debt Service 1	432,100	432,100	432,100	432,100	432,100
Proposed Debt Service	0	0	0	0	16,400
Capital from Rates	26,900	29,100	31,200	32,800	34,400
Transfers	0	14,000	15,200	16,500	17,300
Total Fiscal Requirement	\$528,000	\$547,300	\$553,700	\$559,100	\$580,400
Less Other Sources	6,400	6,600	7,000	7,200	7,500
Net Rate Requirement	\$521,600	\$540,700	\$546,700	\$551,900	\$572,900
Total Net Rate Requirement	\$7,721,200	\$8,248,600	\$8,561,700	\$8,750,100	\$9,157,500

1. Includes capital lease payments.

Stormwater Division

FY 2014/15 and Projected Fee Requirements

The fee requirements to be recovered through monthly Stormwater Fees were identified using the proposed budget for FY 2014/15. The adjusted FY 2014/15 net fiscal requirements shown in **Table 7**. Other Needs and Transfers, as shown below, include transfers to the City's General Fund in lieu of taxes.

Table 7
FY 2014/15 Adjusted Fee Requirements

	<u>Stormwater</u>
O&M Expenses	
Personnel	\$233,900
Operating	311,900
Total O&M Expenses	\$545,800
Debt Service 1	131,900
Other Needs and Transfers	52,600
Capital from Rates	0
Total Fee Requirement	\$730,300
Less Other Sources	1,100
Net Fee Requirement	\$729,200

1. Includes capital lease payments.

Projections of the net fiscal rate requirements, for fiscal years 2015/16 through 2018/19, reflect the anticipated impacts of inflation, increases in customers and associated operations. To address these items subject to changes, escalation factors were developed and applied for each budget line item as show in **Schedule 4**. This process results in fiscal requirements that reasonably reflect probable future needs.

The primary assumptions utilized in the projection of net fiscal requirements for the four years subsequent to FY 2014/15 are:

1. Expenditures anticipated to be impacted by general inflation at 2.5 percent annually.
2. Personnel salaries, merit increases and associated benefits increase 3.5 percent annually.
3. Expenditures influenced by both inflation and customers utilize a combined inflation and growth factor (approximately 3.30 percent annually).
4. Expenditures associated with supplies, including routine repairs and maintenance increase at the annual general inflation rate.
5. Proposed debt service is assumed to be from a series of state revolving fund loans and in addition to the costs of issuance include allowances for capitalized interest during construction. Debt service coverage for the projected SRF loans are based on the net revenues less the senior debt service and coverage amounts.

The results of the projected fee requirements are shown in **Table 8**. It should be noted that projections are based on anticipated events and assumptions that are subject to change, especially those associated with reclaimed water services; therefore, no assurance can be given with respect to the accuracy of such projections.

Table 8
Projected Stormwater Net Fee Requirements

	2014/15	2015/16	2016/17	2017/18	2018/19
O&M Expenses					
Personnel	\$233,900	\$242,000	\$250,300	\$258,900	\$267,800
Operating	311,900	319,500	326,600	334,600	342,100
Total O&M Expenses	\$545,800	\$561,500	\$576,900	\$593,500	\$609,900
Existing Debt Service ¹	72,300	72,300	72,300	72,300	72,300
Proposed Debt Service	59,600	113,200	122,700	141,700	439,800
Capital from Rates	0	0	0	0	0
Transfers	52,600	54,100	54,900	56,500	57,300
Total Fee Requirement	\$730,300	\$801,100	\$826,800	\$864,000	\$1,179,300
Less Other Sources	1,100	1,100	1,100	1,100	1,100
Net Fee Requirement	\$729,200	\$800,000	\$825,700	\$862,900	\$1,178,200

1. Includes capital lease payments.

STORMWATER UTILITY CUSTOMER AND EQUIVALENCY EVALUATION

General

The basis for stormwater revenue generation is uniquely different than those for water, wastewater and reclaimed water section in the criteria for assessing Stormwater Fees is based on each property's impervious area. The City requested that the average impervious area, used as an equivalency basis, for a single family unit be reaffirm and as applicable introduce a credit policy for accounts that mitigate part of the stormwater utility's financial burden.

Affirmation of Equivalency Basis and Number of Equivalencies

The impervious area stormwater equivalency basis, codified in Chapter 17-72 of the Land Development Regulations, was established through Ordinance 87-24 as a Single Family Unit (SFU) and an Equivalent Single Family Unit (ESFU). The official minutes of the first reading of Ordinance 87-24 states that the Stormwater Fee is to be charged "per SFU or per actual 3,000 square feet (sf) for commercial units." The 3,000 sf is in reference to the average amount of impervious area associated with single family properties, which is the basis for determining ESFUs for properties other than single family.

As requested by the City, a comprehensive analysis was performed to both affirm the impervious area basis of 3,000 sf and identify the corresponding number of ESFUs within the incorporated limits of the City. In addition to an analysis of the single family residential properties, each non-single family property individually was reviewed on multiple imagery databases.

Methodology

To conduct the necessary analysis for the review, applicable property records were obtained from the Lake County tax assessor's geographic tax parcel layered together with a database containing information for each parcel including the amount of 'living area' for each parcel. Though initially considered an option for establishing the impervious area for each parcel, it was concluded that the 'living area' figure was insufficient as: 1) in some cases it was representative of multi-story area; and 2) it did not include the impervious area for improvements other than the build's living area, such as driveways, garages and other impervious features. To identify the necessary impervious area on each parcel high-resolution satellite imagery of single family dwelling within the City was obtained from the Florida Department of Environmental Protection's Land Boundary Information System (LABINS) website current as of 2011. Therefore, the analysis was conducted utilizing a combination of both the high-resolution satellite imagery and certain parcel data from Lake County, which allowed for parcel classification identification.

A parcel in the Lake County database was considered a single family property within the City if it met two criteria: 1) It was classified as 'Single Family Residence' or 'Manufactured Home' in the Property_1 field; and 2) It had a code of '000T', '00T1' or '00T2' in the Millage field.

A visual review of the aerial imagery was also used to confirm that other codes in these fields were consistent with properties that were non-SFR parcels and/or properties outside the City's jurisdictional boundary. In total, 5,204 parcels met the criteria to be classified as single family parcels within the city limits of Tavares. Given this population size of single family dwellings it was

determined that a minimum sample size of 358 parcels¹ would be required to achieve a statistical probability of 95% and that the computed median impervious area for the sample was within 5% of that of the population. Median, rather than mean, impervious area was used to represent the ‘typical’ measurement because the impervious area is not normally distributed. The median is considered to be materially stable and not easily affected by outlying data (for example, atypical properties with extremely high or low impervious area measurements).

Sampling

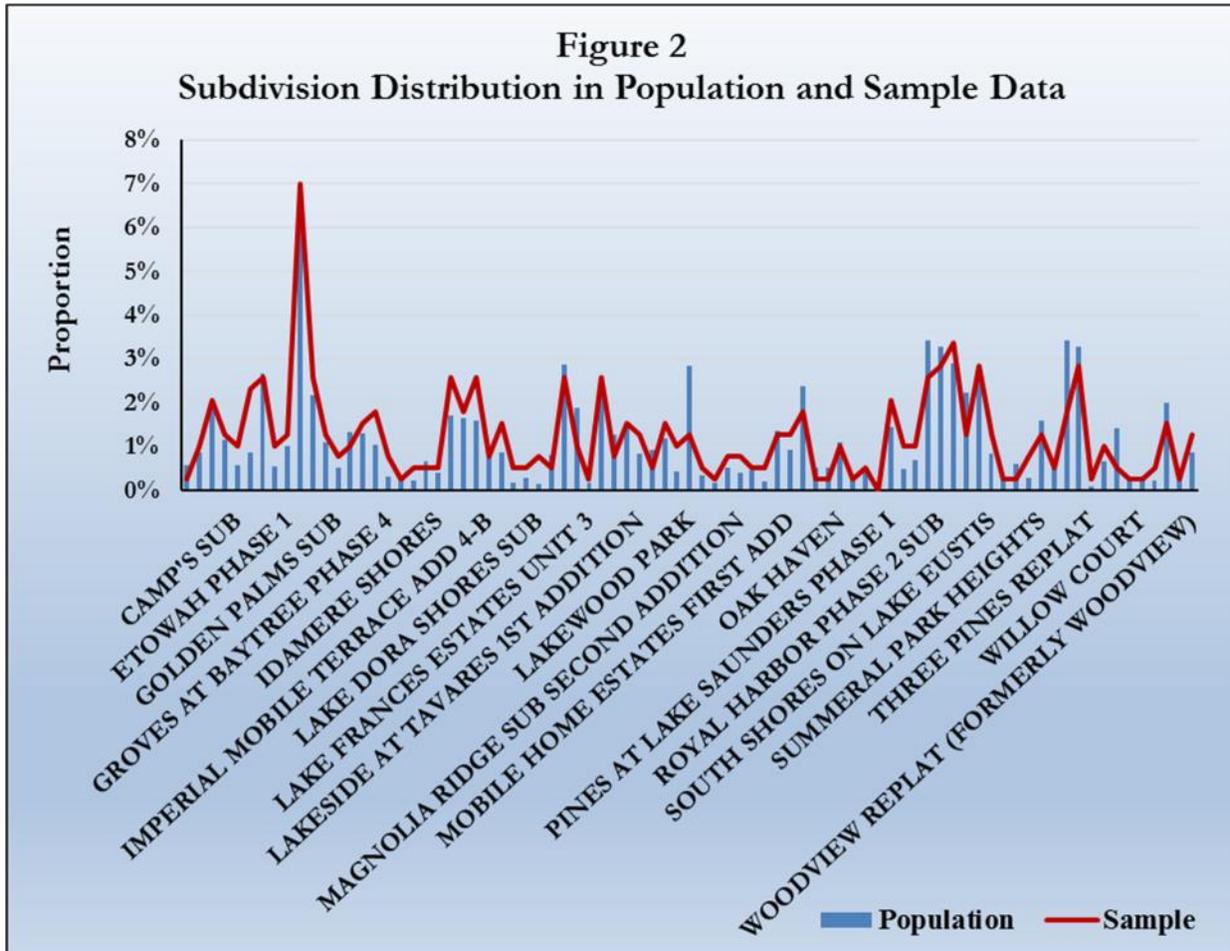
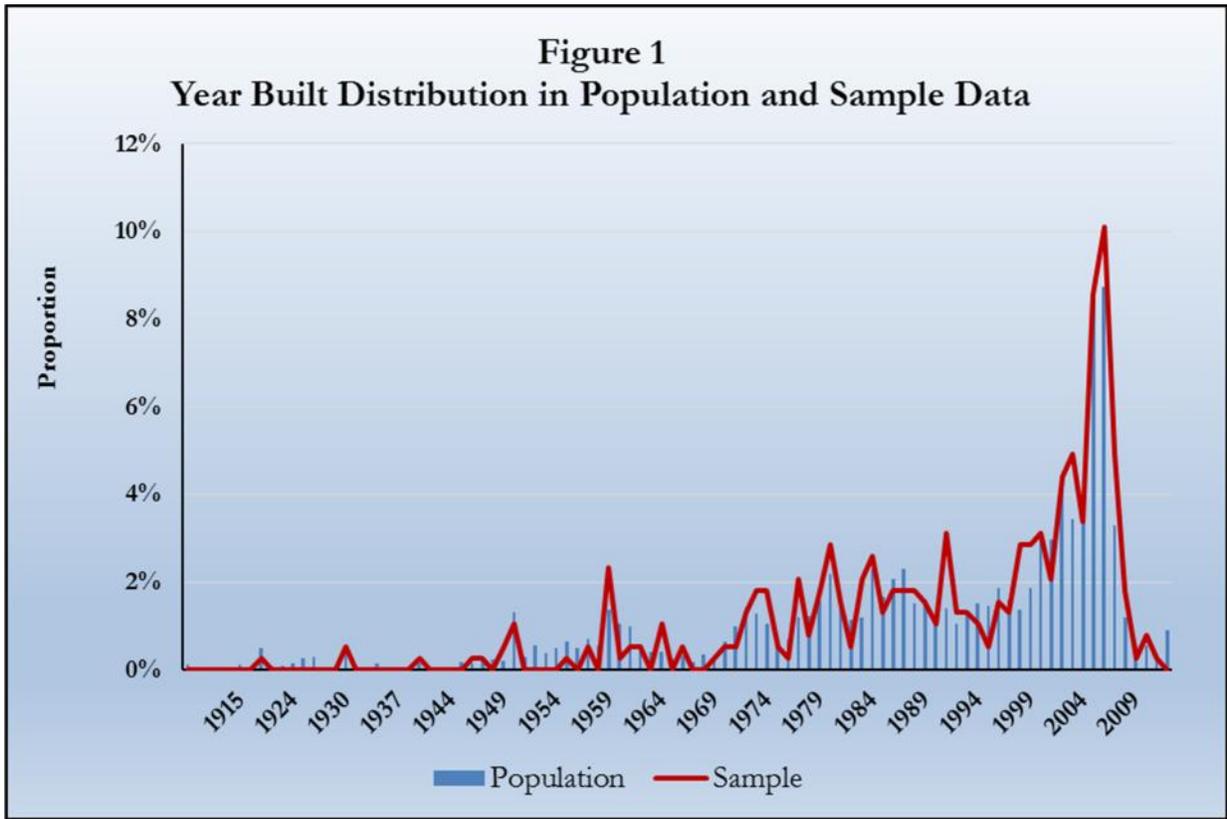
A random sample of 386 single family properties were initially selected, slightly larger than calculated pursuant to the previous discussed criteria, to reflect a more conservative approach. The sample was then subject to an initial visual inspection and resulted in a small group of properties being excluded due to being unimproved in the imagery, misclassified as an SFR, or otherwise inappropriate for inclusion. It was also identified that a significant number of properties within the City and sample were classified as manufactured homes, as shown in **Table 9**. The randomly generated sample reflected the approximate split between parcels in these two groups, as classified in the tax parcel layer.

Table 9
Distribution of Single Family Population and Sample

	Population		Sample	
	Count	Proportion	Count	Proportion
Single Family	3,855	74%	279	72%
Manufactured Home	1,349	26%	107	28%
Both	5,204	100%	386	100%

While the sample was obtained randomly, a verification process was employed to ensure that the sample parcels mirrored for two key factors of the total parcel population: 1) year built of primary structure; and 2) subdivision. Impervious area measurements were speculated to be closely linked to both of these factors and was reviewed to ensure that neither of these factors skewed impervious area estimates. Figures 1 and 2 show that the distribution within the sample is representative of the population in these respects.

¹ Pursuant to a publication of Penn State cooperative extension attached as Exhibit A. The maximum degree of variability (50%) is assumed for the population. This assumption necessitates a larger sample size, which is more conservative. A summary table is on page 4 of Exhibit A, which uses a Response Rate of 95%, whereas, the Response Rate for this study is based on 100%.



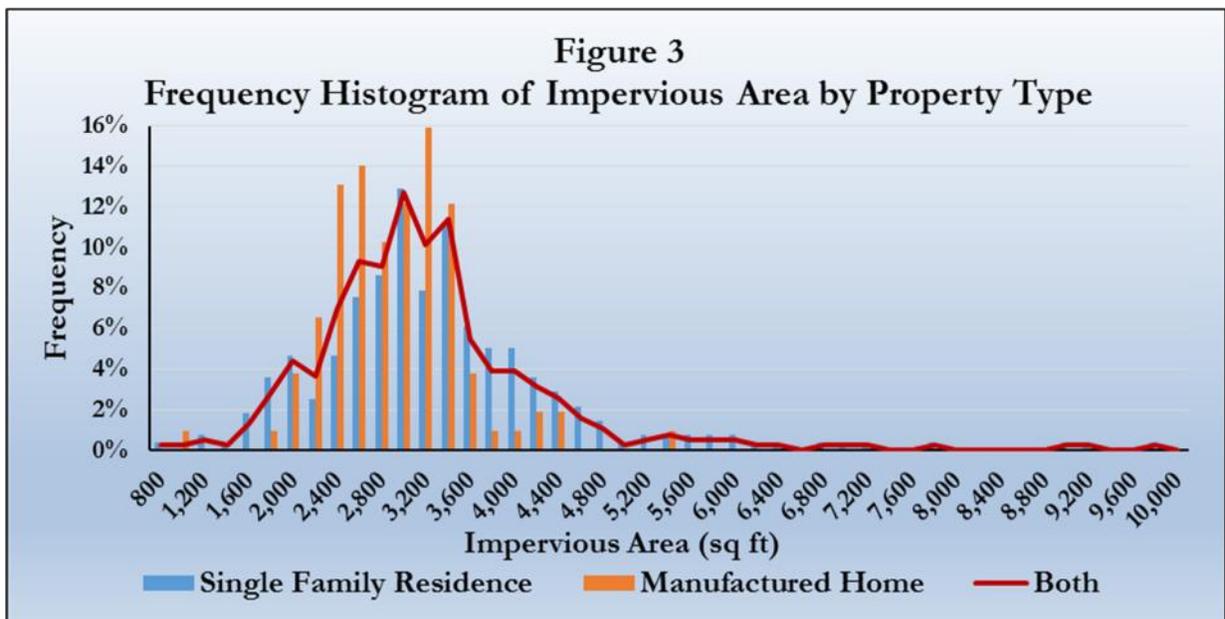
Results

The primary purpose of this review and analysis was to determine if the existing equivalency basis of 3,000 sf of impervious area per SFU is still reasonably accurate to equitably apportion and recover the costs of stormwater operations and improvements to properties within the incorporated limits of the City. During the course of this review and analysis several important and relevant items were identified supporting the findings of the impervious area analysis.

- The difference in the median impervious between Single Family and Manufactured Home properties was less than 10 percent along with a significant overlapping of the spread of impervious area measurements in each of these two classes, which meant that there is no compelling reason for the creation of separate customer classes or separate charges for these two groups of properties.
- Manufactured Homes as observed from available imagery and Google StreetView routinely contained structures with solid foundations or skirting that would limit the amount of water able to permeate the ground underneath them, which further supported the similarities of the two property types.
- The sample population utilized is within a 95 percent confident level of the median impervious area of all improved Single Family and Manufactured Home parcels within the City.
- The median impervious area for all Single Family and Manufactured Home parcels within the City is within 5% of 2,984 square feet, as reflected in **Table 10**, with the frequency of the distribution impervious areas shown on **Figure 3**.

Table 10
Distribution of Population and Sample: Single Family Residence vs. Manufactured Home

	Population		Sample		Impervious Area		
	Count	Proportion	Count	Proportion	Minimum	Maximum	Median
Single Family	3,855	74%	279	72%	714	9,775	3,045
Manufactured Home	1,349	26%	107	28%	952	5,354	2,811
Both	5,204	100%	386	100%			2,984



Pursuant to the above review and analysis it was concluded that the existing basis of 3,000 sf per SFU remains appropriate for the intended purpose. As a point of reference, **Table 11** provides a statistical summary of the impervious area criteria used by 126 Florida Municipalities, as itemized in **Schedule 5**.

Table 11
Impervious Area Statistical Summary

	<u>Square Feet</u>
Minimum	791
Maximum	10,000
Average	2,505
Median	2,219

Stormwater ESFUs

Once the SFU basis of 3,000 sf of impervious area was affirmed the process of determining the number of ESFUs by classification commenced. This process required that: 1) the parcel data be reviewed to determine if it was exempt; 2) the amount of impervious area for each property be identified; and 3) the appropriate number of ESFUs be determined by summing the results of dividing the impervious area of each property by 3,000 sf per SFU. The results of this process as update and adjusted to reflect fiscal year 2014/15 are shown in **Table 12**.

Table 12
Account and ESFU Summary

<u>Classification</u>	<u>Accounts</u>	<u>ESFUs</u>
Residential	5,980	5,943
Non-Residential		
Full Parcel	350	3,377
Subdivided Parcel	189	1,635
City	8	57
Subdivided City	17	119
City Lift Stations	29	69
Subdivided/w Lift Stations	8	2
Subdivided County	8	62
Total	6,589	11,264

Stormwater Fee Credit Program

It is recognized that certain parcels may be providing a level of on-site stormwater retention and treatment and thereby reducing a portion of the costs to maintain and operate the City's stormwater facilities. In the event that such cost reduction are occurring the properties responsible should be afforded the opportunity to apply for an appropriate credit towards their Stormwater Fee. This requires that the City institute a Stormwater Fee credit policy.

The development of the Stormwater Fee credit program is based on three primary premises:

1. The quality and quantity of stormwater runoff is, to a large extent, related to the amount of impervious area on a property.
2. The Stormwater Fee primarily funds services for which demand is directly correlated to impervious area runoff.

3. Property owners have control over the quantity and quality of stormwater leaving their property, and can decrease demand for these services.

Stormwater Fee credits for approved on-site stormwater management practices will be based on, and proportional to, impervious area impact reductions on both runoff and pollutant loading. Continuing receipt of the Stormwater Fee credit is contingent upon the applicant's on-site stormwater facilities being properly designed, permitted and maintained. Applications must be renewed periodically with an updated application establishing that initial reductions in runoff and pollutant loading are maintained or increased.

The Stormwater Fee is calculated based on the impervious area of a parcel as of the last day of the month preceding the month of the Stormwater Fee to be imposed. The applicant's on-site stormwater facilities must be functioning by this date to receive a Stormwater Fee credit for the ensuing month. For example, a newly-built on-site stormwater facility must be installed and functioning by September 30, 2013 to receive credits for Stormwater Fees commencing October 1, 2013.

Stormwater Fee credits will only be granted to the property upon which an on-site stormwater facility exists, even if it effectively treats runoff from other properties. Adjacent properties owned by the same individual are not granted exemption to this rule. In this case, properties can be recombined to have the Stormwater Fee credits applied to the collective impervious area charge. General rules for Stormwater Fee credits include:

1. Approved Management Practices

All stormwater management practices approved for the Stormwater Fee credit must be designed according to applicable technical specifications and standards and have a valid St. Johns River Water Management District Permit (40-42, F.A.C.) with certification by a Florida registered professional engineer that the facility is operating as designed and is regularly maintained.

- A maximum Stormwater Fee credit for reduction in pollutant loading and runoff of 40 percent will be granted provided that the applicant provides a valid permit, proof that pollutant discharge affecting water quality meets the standards of the St. Johns River Water Management Permit (40-42, F.A.C.) and that the facility is operating as designed and is regularly maintained. Certification with applicable plans and calculations signed and sealed by a Florida registered professional engineer is required with application.
- Whenever an applicant proposes to utilize a practice not designed and constructed in accordance with the criteria and specification standards of the St. Johns River Water Management Permit (40-42, F.A.C.), the applicant shall have the burden of demonstrating that the practice will satisfy the minimum water quality and quantity performance standards. The Stormwater Utility Director may require the applicant to provide the documentation, calculations, and examples necessary for determination.

2. Maintenance

Proper maintenance of on-site stormwater facilities is required for continued receipt of the Stormwater Fee credits. Maintenance should follow the specifications referenced above. Applications must be renewed every three years with an updated report showing that initial pollutant loading reductions are maintained or increased through effective maintenance measures.

3. Application Process

A completed Stormwater Fee Credit Application must be submitted by the property owner or owner's representative to the Utility Director together with the applicable Stormwater Fee Credit Application Processing Fee.

4. Appeals

Applications that do not receive the full expected Stormwater Fee credits are eligible to be appealed by the property owner or owner's representative. In order to appeal, the individual shall provide any additionally requested materials as well as any improved or updated data or calculations that may better reflect the efficacy of the on-site stormwater facilities (including any required modifications) to the Utility Director. Appeals will be heard in person by the Utility Director at a mutually agreed-upon date and time within City of Tavares. The Utility Director will issue a final ruling on the Stormwater Fee credits.

Projected ESFUs

The initial number of accounts and equivalencies for FY 2013/14 were derived from an analysis of the existing parcel data as previously discussed and summarized. Unlike water and wastewater, increases in stormwater equivalencies is not primarily the result of new construction but rather is mostly attributed to an expansion of the City's incorporated limits. This study considers two important criteria affecting ESFUs for projection purposes: 1) no expansion of the City's incorporated limits; and 2) certain minimum reductions in ESFUs due to Stormwater Fee credits. Although some increases may result from annexations or redevelopment of properties, this study assumes no growth for ESFU projections, as all properties are currently included in the stormwater program. The assumptions for Stormwater Fee credits consist of reductions of 1.0 percent per year over two years for Single Family due to applications by homeowner associations for maintenance of on-site facilities and 4.0 percent per year for two years for certain non-single family classification due to application by property owners for on-site facilities. At this time stormwater credits are difficult to estimate due to no prior history and that it is early in the policy's development; however, the approach used for both growth and credits provides conservative results that will not lead to overstating revenues. The results of these adjustments to the previously analyzed existing ESFUs are provided in **Table 13**.

Table 13
Projection of Stormwater ESFUs

	<u>2013/14</u>	<u>2014/15</u>	<u>2015/16</u>	<u>2016/17</u>	<u>2017/18</u>	<u>2018/19</u>
Residential ¹	5,983	5,943	5,904	5,924	5,944	5,964
Non-Residential						
Full Parcel ²	2,177	3,377	3,287	3,298	3,309	3,320
Subdivided Parcel ²	997	1,635	1,591	1,596	1,601	1,606
City ³	18	57	57	57	57	57
Subdivided City ³	27	119	119	119	119	119
City Lift Stations ³	30	69	69	69	69	69
Subdivided/w Lift Stations ³	2	2	2	2	2	2
Subdivided County ³	49	62	62	62	62	62
Total	9,283	11,264	11,091	11,127	11,163	11,199

¹ Assumes 50% of in city water system growth along with stormwater credits of 1% each year for FY 2014/15 and 2015/16. FY 2014/15 restated based on comprehensive analysis.

² Assumes 50% of in city water system growth along with stormwater credits of 3% each year for FY 2014/15 and 2015/16. . FY 2014/15 restated based on comprehensive analysis.

³ No growth or stormwater credit assumptions.

REVENUE SUFFICIENCY AND RATE ADJUSTMENTS

General

Sufficient revenues are necessary to pay for the continuing operations of the utility that for the health, safety and welfare of the community. The measure of revenue sufficiency is demonstrated not only by the ability of the enterprise to meet the annual operating requirements, but also for the revenues to provide for ongoing renewal and expansion. The initial task in determining revenue sufficiency is to identify the relative sufficiency of the revenues generated from existing rates, charges and fees to meet the budgeted and five year forecasted operating and capital improvement expenditures along with the covenant requirements for debt service coverage for both the senior debt and State Revolving Fund (SRF) loans.

Revenue Sufficiency Projections

Water, Wastewater and Reclaimed Water

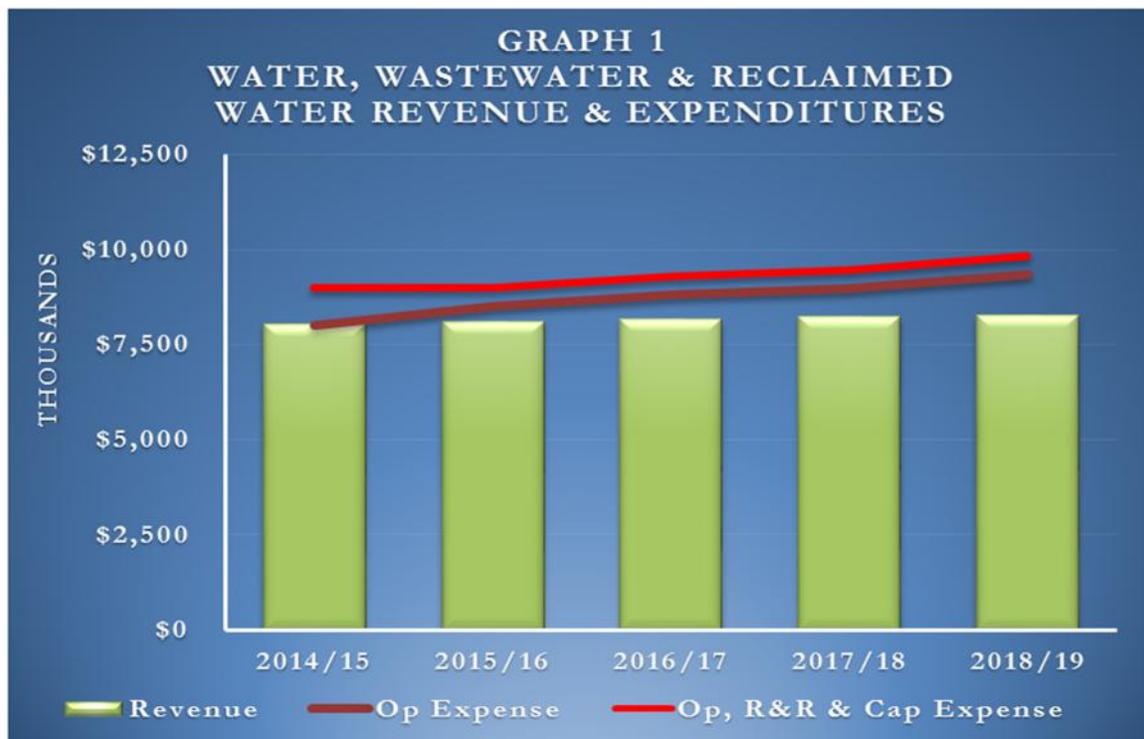
User rate, charge and fee revenues are projected based on: 1) rates, charges and fees, as indexed annually for inflation (assumed to be 2.50 percent) plus one percent, per existing policy; and 2) customers. Other revenue from miscellaneous income, penalties and interest earnings are added to arrive at total revenues. Operating expenditures are projected based on the proposed fiscal year 2014/15 budget, as escalated for inflation and growth including planned debt service, transfers and capital needs for operations. Total debt service includes both existing and planned debt associated with the proposed CIP for this study period. Funding for certain PAYG capital is provided from the Operating Reserve Fund; however, prudent financial management requires that annual operating revenues are sufficient to address such PAYG expenditures, which do not include any of the capital expenditures contained in the CIP.

The result of the water, wastewater and reclaimed water revenue sufficiency analysis, based on no adjustments pursuant to provisions in Chapter 17-55 (B) of the Land Development Regulations, as shown in **Table 14** and illustrated in **Graph 1**, confirms the need for additional future revenues. Revenues through fiscal year 2014/15 are marginally sufficient to meet the necessary operating obligations but insufficient to provide for Capital from Operations, and are at risk in the event of unfavorable weather, economy and/or increased inflation. The years after fiscal year 2014/15 are projected to have progressively inadequate revenues to meet all requirements, especially in the event of the need for additional debt service. Other material items not reflected in the revenue sufficiency analysis, which will need to be addressed, include provisions for maintaining creditworthiness, achieving higher levels of environmental protection and providing a stronger platform for economic development.

Table 14
Projected Operating Statement & Rate Adjustments
Water, Wastewater and Reclaimed Water

	2014/15	2015/16	2016/17	2017/18	2018/19
User Rates and Charges	\$7,745,700	\$7,804,900	\$7,862,500	\$7,920,300	\$7,969,200
Other Operating Revenues	315,700	315,700	316,200	316,200	297,300
Total Revenues	\$8,061,400	\$8,120,600	\$8,178,700	\$8,236,500	\$8,266,500
O&M Expenses	4,948,500	5,024,800	5,161,800	5,302,000	5,445,900
Net Revenue	\$3,112,900	\$3,095,800	\$3,016,900	\$2,934,500	\$2,820,600
Impact Fees	200,000	200,000	200,000	200,000	200,000
Net Revenue & Impact Fees	\$3,312,900	\$3,295,800	\$3,216,900	\$3,134,500	\$3,020,600
Existing Debt Service	\$2,029,100	\$2,404,100	\$2,399,700	\$2,403,200	\$2,405,400
Proposed Debt Service	0	0	137,200	137,200	336,300
Total Debt Service	\$2,029,100	\$2,404,100	\$2,536,900	\$2,540,400	\$2,741,700
Capital Lease	33,000	33,000	33,000	33,000	33,000
Operating Balance	\$1,250,800	\$858,700	\$647,000	\$561,100	\$245,900
Transfer to GF (PILOT)	645,700	675,700	680,500	685,200	687,700
Transfer to RRI Fund	300,000	310,600	321,400	332,600	344,200
Capital from Rates	73,100	76,800	80,400	83,500	86,600
Surplus (Deficit)	\$232,000	(\$204,400)	(\$435,300)	(\$540,200)	(\$872,600)
Pay-As-You-Go Capital ¹	670,600	627,600	627,600	627,600	627,600
Operating Shortfall	(\$438,600)	(\$832,000)	(\$1,062,900)	(\$1,167,800)	(\$1,500,200)
Debt Service Coverage Water, Wastewater and Reclaimed Water					
Senior (Net Revenue / Senior Debt Service)					
Required	1.20	1.20	1.20	1.20	1.20
Achieved - Net Revenue	5.99	5.95	5.85	5.65	5.41
SRF (Net Revenue - (Senior Debt Service *1.20) / SRF Debt Service)					
Required	1.15	1.15	1.15	1.15	1.15
Achieved - Net Revenue	1.97	1.57	1.47	1.46	1.18

¹ Pay-As-You-Go capital paid from 401 Reserve Fund.



Stormwater

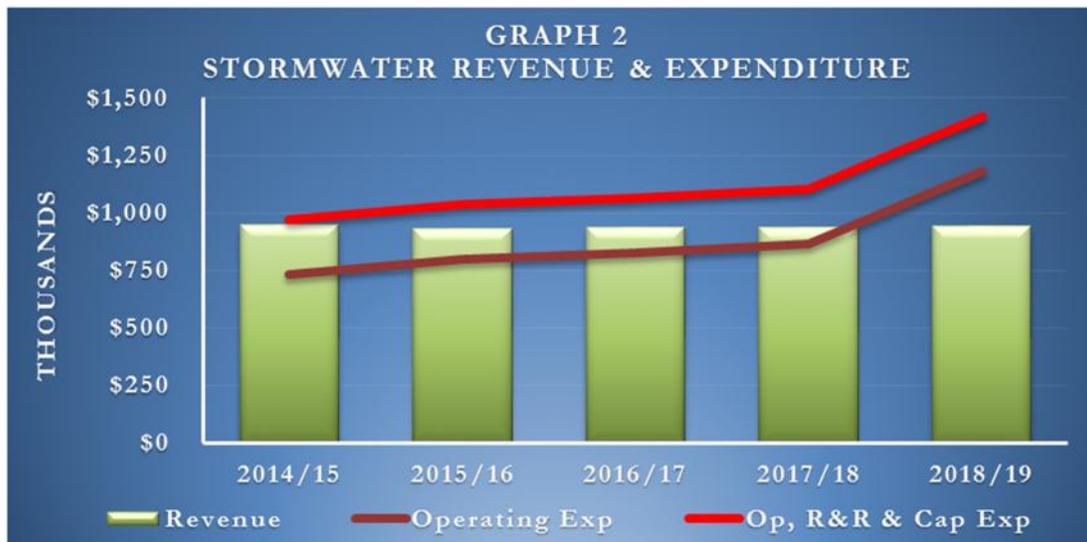
Forecasted revenues for stormwater are based on existing Stormwater Fee of \$6.25 per ESFU, including a scheduled adjustment for fiscal year 2014/15, as applied to the adjusted ESFUs boundaries. Forecasted operating expenditures are based on the proposed fiscal year 2014/15 budget, as escalated for inflation and growth including planned debt service and transfers. Debt service includes the existing commitment to an SRF Loan that will start six months after completion of the project anticipated in mid-fiscal year 2015/16.

The result of the revenue sufficiency analysis for stormwater, as shown in **Table 15** and illustrated in **Graph 2**, suggests that existing fees are sufficient for operations but materially inadequate for needed Capital from Operations. Current operations only provide a minimum level of stormwater management, which does not address replacement of deteriorated structures and appropriate pollution abatement. These are important issues and a program to address the needed revenues should commence in this study period.

Table 15
Revenue Sufficiency (No Unscheduled Fee Adjustments)
Stormwater

	2014/15	2015/16	2016/17	2017/18	2018/19
Utility Fee Revenue	\$946,200	\$931,600	\$934,700	\$937,700	\$940,700
Other Operating Revenues	1,100	1,100	1,100	1,100	1,100
Total Revenues	\$947,300	\$932,700	\$935,800	\$938,800	\$941,800
O&M Expenses	545,800	561,500	576,900	593,500	609,900
Net Revenue	\$401,500	\$371,200	\$358,900	\$345,300	\$331,900
Debt Service	59,600	113,200	122,700	141,700	439,800
Capital Lease	72,300	72,300	72,300	72,300	72,300
Operating Balance	\$269,600	\$185,700	\$163,900	\$131,300	(\$180,200)
Transfer to GF (PILOT)	52,600	54,100	54,900	56,500	57,300
Transfer to RRI Fund	0	0	0	0	0
Operating Surplus (Deficit)	\$217,000	\$131,600	\$109,000	\$74,800	(\$237,500)
Capital from Operations ¹	238,500	238,500	238,500	238,500	238,500
Net Surplus (Deficit)	(\$21,500)	(\$106,900)	(\$129,500)	(\$163,700)	(\$476,000)

¹ Operating capital paid from Reserve Funds.



Required Rate, Charge and Fee Adjustments

The Revenue Sufficiency analysis for water, wastewater and reclaimed water identified successive shortfalls through fiscal year 2018/19. Revenues for stormwater as previously mentioned are only adequate to support a minimum level of operations and fall materially short of fully address the need improvements and required pollution abatement. There are several alternatives approaches to address rate and fee adjustments, such as: (i) a single adjustment when absolutely required; (ii) a series of equal adjustments; or (iii) a combination of different levels of adjustments. Each alternative has certain positive and negative attributes. However, the City's historic approach of the greater of 1.0 percent or 1.0 percent plus inflation, adequately addresses the required revenues through a balance program for water, wastewater and reclaimed water. Stormwater has to be addressed somewhat differently due to the materially lower monthly fee. The approach for stormwater consist of a continuation of the recent annual adjustments of \$0.75.

The proposed rate adjustments are result in the rates, charges and fees as shown in **Table 16**.

Table 16
Proposed Water, Wastewater, Reclaimed Water and Stormwater Charges, Rates and Fees

	2013/14		2014/15		2015/16		2016/17		2017/18		2018/19	
	Inside	Outside										
Water												
Monthly Base Charge/EMC	\$15.57	\$19.48	\$15.97	\$19.96	\$16.53	\$20.66	\$17.11	\$21.38	\$17.71	\$22.13	\$18.33	\$22.91
Usage Rates per 1,000 gal												
Block 1	\$1.17	\$1.46	\$1.20	\$1.50	\$1.25	\$1.56	\$1.30	\$1.62	\$1.35	\$1.68	\$1.40	\$1.75
Block 2	\$1.71	\$2.13	\$1.76	\$2.20	\$1.83	\$2.28	\$1.90	\$2.37	\$1.97	\$2.46	\$2.04	\$2.55
Block 3	\$2.78	\$3.47	\$2.85	\$3.56	\$2.95	\$3.68	\$3.06	\$3.82	\$3.17	\$3.96	\$3.29	\$4.11
Block 4	\$3.72	\$4.64	\$3.82	\$4.77	\$3.96	\$4.95	\$4.10	\$5.12	\$4.25	\$5.31	\$4.40	\$5.50
Wastewater ¹												
Monthly Base Charge/EMC	\$19.04	\$23.81	\$19.52	\$24.40	\$20.21	\$25.27	\$20.92	\$26.15	\$21.66	\$27.08	\$22.42	\$28.03
Usage Rates per 1,000 gal	\$3.22	\$4.02	\$3.31	\$4.13	\$3.43	\$4.29	\$3.56	\$4.45	\$3.69	\$4.62	\$3.82	\$4.78
Reclaimed Water												
General Service												
Monthly Base Charge/EMC	\$10.72	\$12.40	\$10.99	\$13.73	\$11.38	\$14.23	\$11.78	\$14.73	\$12.20	\$15.25	\$12.63	\$15.79
Usage Rates per 1,000 gal												
Block 1	\$1.08	\$1.35	\$1.11	\$1.38	\$1.15	\$1.44	\$1.20	\$1.50	\$1.25	\$1.57	\$1.30	\$1.63
Block 2	\$1.55	\$1.94	\$1.59	\$1.98	\$1.65	\$2.07	\$1.71	\$2.14	\$1.77	\$2.22	\$1.84	\$2.30
Block 3	\$2.53	\$3.16	\$2.60	\$3.25	\$2.70	\$3.38	\$2.80	\$3.50	\$2.90	\$3.63	\$3.01	\$3.77
Block 4	\$3.39	\$4.23	\$3.48	\$4.35	\$3.61	\$4.52	\$3.74	\$4.68	\$3.88	\$4.85	\$4.02	\$5.03
Large User Rates Pressure												
Monthly Base Charge/EMC	\$8.67	\$11.39	\$8.89	\$11.11	\$9.21	\$11.52	\$9.54	\$11.93	\$9.88	\$12.35	\$10.23	\$12.79
Usage Rate Per 1,000 gal	\$0.92	\$1.15	\$0.95	\$1.18	\$0.99	\$1.24	\$1.03	\$1.29	\$1.07	\$1.34	\$1.11	\$1.39
Large User Rates Non-Pressure												
Monthly Base Charge/EIC	\$6.87	\$8.59	\$7.05	\$8.81	\$7.30	\$9.13	\$7.56	\$9.45	\$7.83	\$9.79	\$8.11	\$10.14
Usage Rate Per 1,000 gal	\$0.69	\$0.86	\$0.71	\$0.88	\$0.74	\$0.93	\$0.77	\$0.97	\$0.80	\$1.00	\$0.83	\$1.04
1. Residential billing cap of 14,000 gallons per month/EMC												
Stormwater Monthly Fee												
Per ESFU	\$6.25		\$7.00		\$7.75		\$8.50		\$9.25		\$10.00	

Revenue Sufficiency with Proposed Rate Adjustments

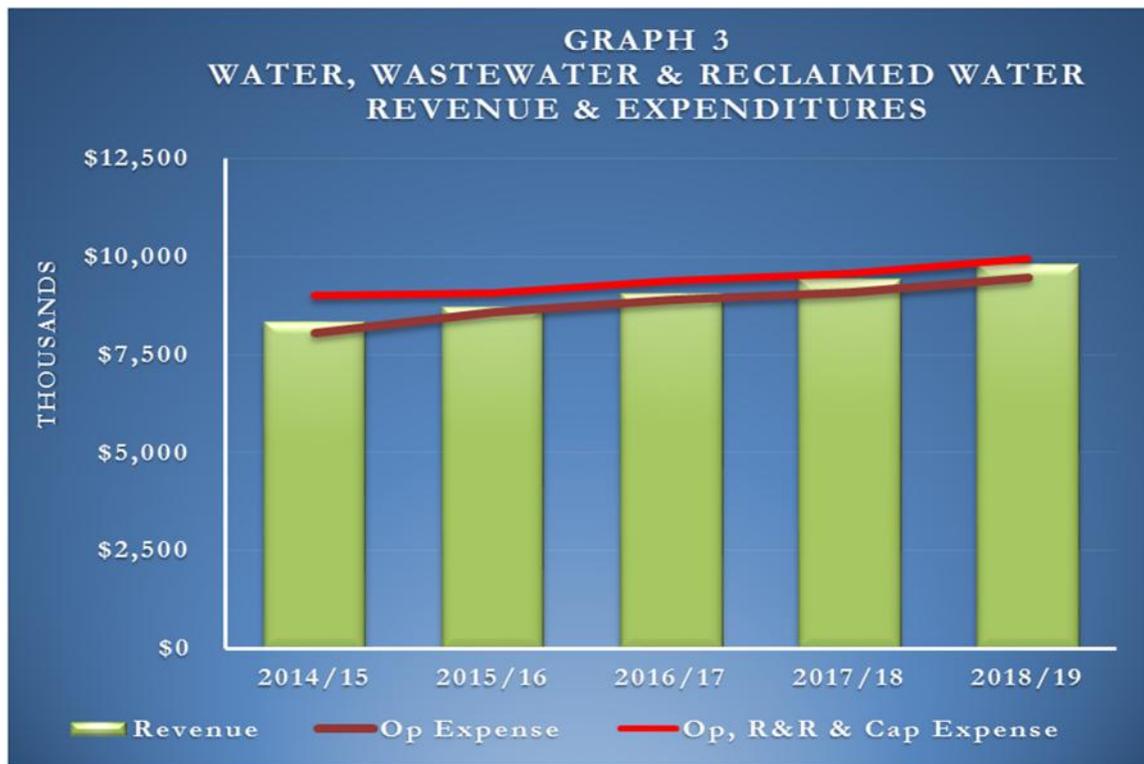
Water, Wastewater and Reclaimed Water

The results of the proposed rate adjustments on the division's ability to meet minimum levels of revenue sufficiency are demonstrated in **Table 17** and illustrated on **Graph 3**. An important element in identifying the adequacy of the proposed rate adjustments is the ability of the Utility operations to provide sufficient cash flow to maintain adequate reserves and allow such reserves to be utilized as a source for a portion of capital improvement funding.

Table 17
Proforma Operating Statement With Rate Adjustments
Water, Wastewater and Reclaimed Water

	2014/15	2015/16	2016/17	2017/18	2018/19
User Rates and Charges	\$7,949,800	\$8,299,200	\$8,663,900	\$9,040,400	\$9,418,400
Other Operating Revenues	317,300	317,500	319,200	320,300	302,700
Total Revenues	\$8,267,100	\$8,616,700	\$8,983,100	\$9,360,700	\$9,721,100
O&M Expenses	4,948,500	5,024,800	5,161,800	5,302,000	5,445,900
Net Revenue	\$3,318,600	\$3,591,900	\$3,821,300	\$4,058,700	\$4,275,200
Impact Fees	200,000	200,000	200,000	200,000	200,000
Net Revenue & Impact Fees	\$3,518,600	\$3,791,900	\$4,021,300	\$4,258,700	\$4,475,200
Existing Debt Service	\$2,029,100	\$2,404,100	\$2,399,700	\$2,403,200	\$2,405,400
Proposed Debt Service	0	0	137,200	137,200	336,300
Total Debt Service	\$2,029,100	\$2,404,100	\$2,536,900	\$2,540,400	\$2,741,700
Capital Lease	33,000	33,000	33,000	33,000	33,000
Operating Balance	\$1,456,500	\$1,354,800	\$1,451,400	\$1,685,300	\$1,700,500
Transfer to GF (PILOT)	654,800	716,800	747,400	778,900	808,800
Transfer to RRI Fund	300,000	310,600	321,400	332,600	344,200
Capital from Rates	73,100	76,800	80,400	83,500	86,600
Operating Surplus (Deficit)	\$428,600	\$250,600	\$302,200	\$490,300	\$460,900
Capital from Operations ¹	670,600	420,600	420,600	420,600	420,600
Net Surplus (Deficit)	(\$242,000)	(\$170,000)	(\$118,400)	\$69,700	\$40,300
Debt Service Coverage					
Senior (Net Revenue / Senior Debt Service)					
Required	1.20	1.20	1.20	1.20	1.20
Achieved - Net Revenue	6.39	6.91	7.41	7.82	8.20
SRF (Net Revenue - (Senior Debt Service *1.20) / SRF Debt Service)					
Required	1.15	1.15	1.15	1.15	1.15
Achieved - Net Revenue	2.10	1.82	1.85	1.98	1.72

¹ Pay-As-You-Go capital paid from 401 Reserve Fund.



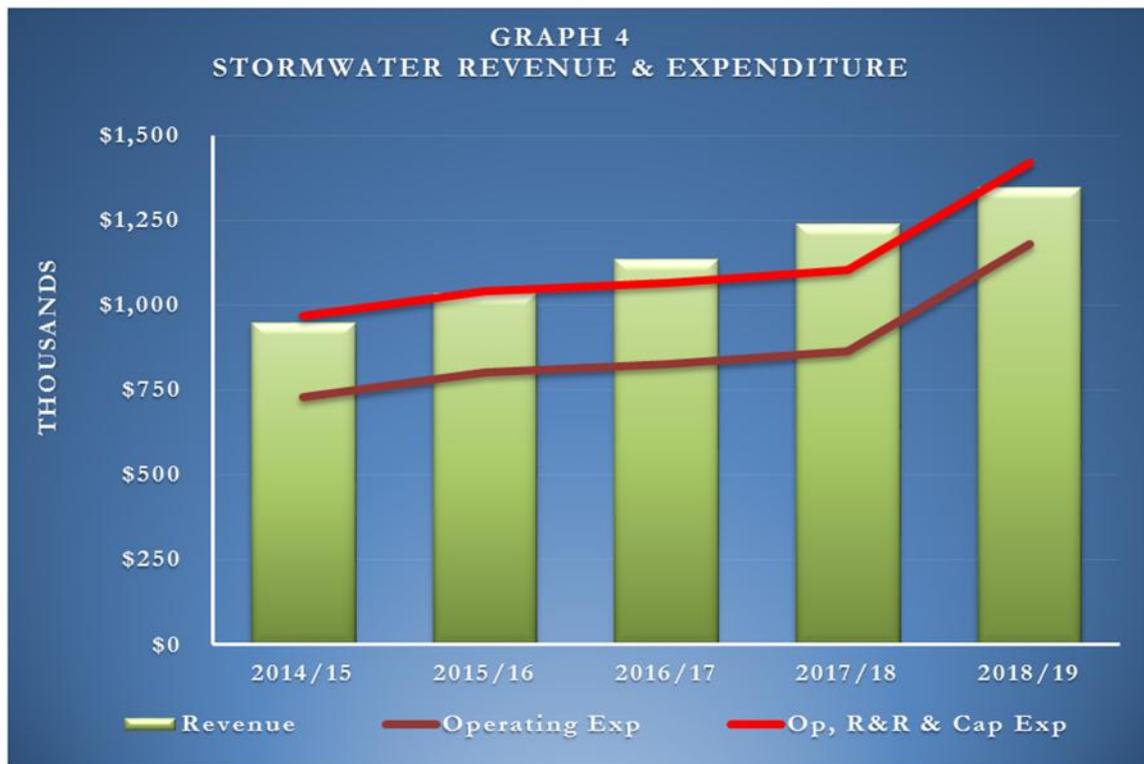
Stormwater

The results of the proposed Stormwater Fee adjustments on the division's ability to meet minimum levels of revenue sufficiency are demonstrated in **Table 18** and illustrated on **Graph 4**. An important element in identifying the adequacy of the proposed rate adjustments is the ability of the Utility operations to provide sufficient cash flow to maintain adequate reserves and allow such reserves to be utilized as a source for a portion of capital improvement funding.

**Table 18
Proforma Operating Statement With Rate Adjustments
Stormwater**

	2014/15	2015/16	2016/17	2017/18	2018/19
Utility Fee Revenue	\$946,200	\$1,031,500	\$1,135,000	\$1,239,100	\$1,343,900
Other Operating Revenues	1,100	1,100	1,100	1,100	1,100
Total Revenues	\$947,300	\$1,032,600	\$1,136,100	\$1,240,200	\$1,345,000
O&M Expenses	545,800	561,500	576,900	593,500	609,900
Net Revenue	\$401,500	\$471,100	\$559,200	\$646,700	\$735,100
Debt Service	59,600	113,200	122,700	141,700	439,800
Capital Lease	72,300	72,300	72,300	72,300	72,300
Operating Balance	\$269,600	\$285,600	\$364,200	\$432,700	\$223,000
Transfer to GF (PILOT)	52,600	54,100	54,900	56,500	57,300
Transfer to RRI Fund	0	0	0	0	0
Operating Surplus (Deficit)	\$217,000	\$231,500	\$309,300	\$376,200	\$165,700
Capital from Operations ¹	238,500	238,500	238,500	238,500	238,500
Net Surplus (Deficit)	(\$21,500)	(\$7,000)	\$70,800	\$137,700	(\$72,800)

1. Operating capital paid from Reserve Funds.



Projected Reserve Funds

Although several other reserve funds may exist within the Utility enterprise, the primary reserve funds for the objectives in this study consist of the 401 Operating, 441 Impact Fee and 443 R&R funds. The 401 Operating fund provides for the accumulation and expenditure of unrestricted earnings of the Utility and is generally considered as the backbone for financial stability. The funds directed and accumulated in the 441 Impact Fee fund are limited by City ordinance to expenditures for improvements and debt service directly associated with capacity expansion of the systems. Although funds in the 443 R&R are not restricted, by definition such funds are generally reserved and applied to projects that renew or extend the life of system facilities.

As previously mentioned a key financial measure of the financial stability, health and creditworthiness of a utility is the ability to maintain adequate levels of unrestricted funds. At a minimum, the operating reserve fund should maintain three to four months of operating cash requirements. Additionally, in circumstances where a new service is being introduced, the unrestricted reserves should be increased to provide for unanticipated events and startup capital resulting from the inefficiencies of startup.

The projected balances, inflows and outflows resulting from the operational activities discussed in this rate study are illustrated in **Table 19** for the water, wastewater and reclaimed water utility, and in **Table 19A** for the Stormwater utility. These projection are provided only to illustrate the relative magnitude of fund activities and suggest prudent financial considerations. Illustrated for each division are amounts associated Capital in Operating Budget. These amounts represent a suggest level of discretionary capital expenditure anticipated to be review each fiscal year that can be adjusted up or down depending on then current financial conditions.

Table 19
Summary of Available Reserve Funds

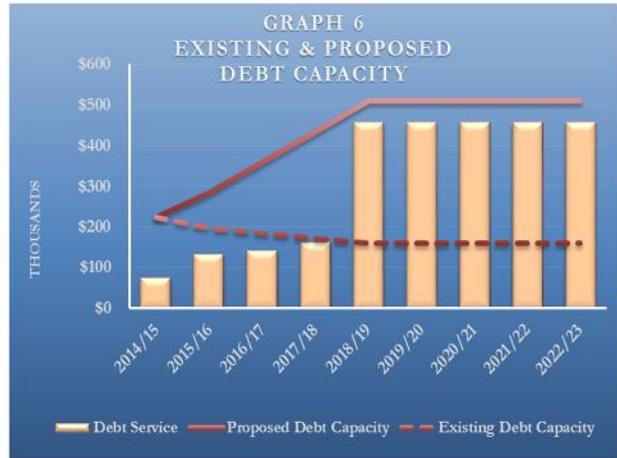
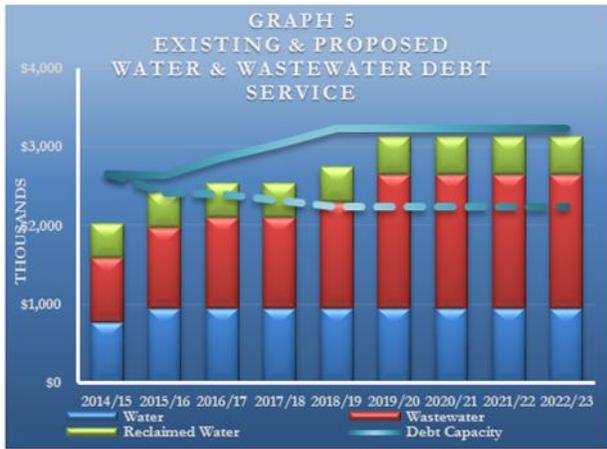
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
401 Operating Fund						
Beginning Bal.	\$3,794,100	\$3,747,600	\$3,505,600	\$3,235,600	\$3,067,200	\$3,086,900
Annual Operating Surplus	1,225,800	428,600	250,600	302,200	490,300	460,900
Capital in Operating Budget	667,300	670,600	420,600	420,600	420,600	420,600
Transfer to Project Fund	605,000	0	100,000	50,000	50,000	50,000
Ending Balance	\$3,747,600	\$3,505,600	\$3,235,600	\$3,067,200	\$3,086,900	\$3,077,200
441 Impact Fee Fund						
Beginning Bal.	\$1,742,100	\$1,482,000	\$1,344,300	\$1,364,300	\$1,391,100	\$1,418,200
Increase from New Customers						
Water	49,400	92,600	94,900	99,100	102,900	110,900
Wastewater	99,800	190,300	195,000	199,900	208,400	213,600
Reclaimed Water	15,700	29,400	30,100	27,800	15,800	16,200
Transfer to Project Fund	225,000	250,000	100,000	100,000	100,000	0
Water Debt Service	0	0	0	0	0	0
WW Debt Service	200,000	200,000	200,000	200,000	200,000	200,000
RU Debt Service	0	0	0	0	0	0
Ending Balance	\$1,482,000	\$1,344,300	\$1,364,300	\$1,391,100	\$1,418,200	\$1,558,900
443 R&R Fund						
Beginning Bal.	\$1,173,600	\$984,500	\$883,000	\$1,070,600	\$1,269,000	\$1,523,600
Transfer In (From Oper)	300,000	300,000	310,600	321,400	332,600	344,200
R&R CIP Expenditures	55,000	95,000	55,000	55,000	10,000	10,000
R&R In Operating Budget	434,100	306,500	68,000	68,000	68,000	68,000
Ending Balance	\$984,500	\$883,000	\$1,070,600	\$1,269,000	\$1,523,600	\$1,789,800

Table 19A
Summary of Available Stormwater Reserve Funds

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Operating Fund						
Beginning Bal.	\$48,075	\$108,850	\$87,350	\$80,350	\$151,150	\$288,850
Annual Oper Surplus	120,400	217,000	231,500	309,300	376,200	165,700
Capital in Oper Budget	59,625	238,500	238,500	238,500	238,500	238,500
Transfer to Project Fund	0	0	0	0	0	0
Ending Balance	\$108,850	\$87,350	\$80,350	\$151,150	\$288,850	\$216,050

Anticipated Capital Improvement Funding

The projected rate adjustments, revenue sufficiency and amounts retained in the reserve funds were developed with consideration of certain capital improvements contemplated by the Utility as identified by Utility's engineering consultants. The rate, charge and fee adjustments have made it feasible to utilize low interest loans as a mechanism to fund certain portions of the CIP as illustrated in **Graphs 5 and 6**, which show each division's existing debt capacity and the debt capacity resulting for the proposed adjustments.



The schedule of CIP probable costs and timing are believed to be materially reflective of future events and along with the sources of funding are intended as a guide to feasibly address the improvement needs of each division. The projected sources and uses of funds developed for the purpose of this rate study are provided in **Table 20 and 20A**, for the water, wastewater and reclaimed water division, and the stormwater division respectively. The projections of sources and uses illustrate the anticipated total requirements currently considered in the five year CIP. Fiscal year 2013/14 is provided due to the major funding activities, which are material for both funding the CIP and impact of future debt service. It should be noted that the amounts for each source and use represents the amounts committed in such fiscal year and not the amounts of actual cash payments in such fiscal year.

Table 20
Forecasted Sources and Uses of CIP Funds
Water, Wastewater and Reclaimed Water

	Total	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Sources:							
Beginning Balance							
a. 401 Operating Fund	\$855,000	\$605,000	\$0	\$100,000	\$50,000	\$50,000	\$50,000
b. Impact Fees	650,000	50,000	250,000	100,000	100,000	100,000	50,000
c. R&R	280,000	55,000	95,000	55,000	55,000	10,000	10,000
SRF Loan (DW350930)	8,041,900	8,041,900	0	0	0	0	0
SRF Loan (DP350900)	6,482,000	6,482,000	0	0	0	0	0
SRF or Similar Loan Water	0	0	0	0	0	0	0
SRF or Similar Loan Wastewater	9,139,700	0	4,139,700	0	5,000,000	0	0
SRF or Similar Loan Reclaim	4,950,000	0	0	0	450,000	4,500,000	0
Grants	0	0	0	0	0	0	0
Total Sources	\$30,398,600	\$15,233,900	\$4,484,700	\$994,700	\$5,655,000	\$4,660,000	\$110,000
Uses:							
Water							
CRA Water line Replacements	\$8,041,900	\$8,041,900	\$0	\$0	\$0	\$0	\$0
CUP Compliance Projects	430,000	80,000	100,000	100,000	50,000	50,000	50,000
Main upgrades/Relocations	250,000	50,000	50,000	50,000	50,000	50,000	0
Land	40,000	40,000	0	0	0	0	0
Subtotal Water	\$8,761,900	\$8,211,900	\$150,000	\$150,000	\$100,000	\$100,000	\$50,000
Wastewater							
CRA Wastewater Line Replace	\$6,482,000	\$6,482,000	\$0	\$0	\$0	\$0	\$0
Woodlea WWTP Ph 1 Design	490,000	140,000	350,000	0	0	0	0
Woodlea WWTP Ph 1 Upgrades	5,000,000	0	0	0	5,000,000	0	0
Upgrade LS 49 Eng OP 2A	135,000	135,000	0	0	0	0	0
Upgrade LS 49 Const OP 2A	739,700	0	0	739,700	0	0	0
Collection Systems Upgrades	300,000	50,000	50,000	50,000	50,000	50,000	50,000
Lake Francis WW Ph2	3,130,000	130,000	3,000,000	0	0	0	0
Lift Station Fencing	60,000	10,000	10,000	10,000	10,000	10,000	10,000
Digester Blower Replace	180,000	45,000	45,000	45,000	45,000	0	0
Directional Bore SR 19 Study	100,000	0	100,000	0	0	0	0
ss for Train	40,000	0	40,000	0	0	0	0
Land	30,000	30,000	0	0	0	0	0
Subtotal Wastewater	\$16,686,700	\$7,022,000	\$3,595,000	\$844,700	\$5,105,000	\$60,000	\$60,000
Reclaimed Water							
Phase 4 Design	450,000	0	0	0	450,000	0	0
Phase 4 Construction	4,500,000	0	0	0	0	4,500,000	0
Subtotal Reclaimed Water	4,950,000	0	0	0	450,000	4,500,000	0
Total Uses	\$30,398,600	\$15,233,900	\$3,745,000	\$994,700	\$5,655,000	\$4,660,000	\$110,000

Table 20A
Forecasted Sources and Uses of CIP Funds
Stormwater

	Total	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Sources							
Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SRF Loans Secured	1,275,000	1,275,000	0	0	0	0	0
SRF or Similar Loans	4,550,000	0	300,000	4,250,000	0	0	0
Lake County Grants	250,000	250,000	0	0	0	0	0
CBIR Grant	750,000	0	0	750,000	0	0	0
Grants	1,500,000	1,500,000	0	0	0	0	0
Total Sources	<u>\$8,325,000</u>	<u>\$3,025,000</u>	<u>\$300,000</u>	<u>\$5,000,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Uses							
CRA Phase 1							
Design & Admin	\$625,000	\$625,000	\$0	\$0	\$0	\$0	\$0
Const Bal after Grants	2,400,000	2,400,000	0	0	0	0	0
Design & Admin	300,000	0	300,000	0	0	0	0
Construction	5,000,000	0	0	5,000,000	0	0	0
Total Uses	<u>\$8,325,000</u>	<u>\$3,025,000</u>	<u>\$300,000</u>	<u>\$5,000,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Typical Bill Comparison to Other Communities

A common activity used by policymakers, administrators, management, customers and media during a rate setting process is comparisons of a utility's rates to those of other nearby communities/utilities. Although this activity provides a level of comparison, it generally is misinterpreted, misused and utilized incorrectly. Cost recovery through user rates, charges and fees is a complicated function that, for the most part, uses common or similar names for charge, rate and fee components. However, the commonality or similarity generally ends at the name. The derivation, cost allocations and formulation of determinants for each rate, charge or fee can and generally does vary significantly.

Nearby central Florida communities were contacted to obtain current water, wastewater, reclaimed water and stormwater rates, charges and fees. Comparative results for a typical single family water and wastewater customer are showed in **Table 21** along with reclaimed water and monthly Stormwater Fees. The monthly charges represent the billing amounts before any franchise, service or other applicable fees or charges not directly related to the cost for the subject utility service. The daily amounts provide a different perspective on the cost associated with the utility services. The comparisons of Other Communities should be considered as illustrations of the amount paid by the customers and not functional cost of service. It should be noted that the monthly combined water and wastewater charges for the City of Tavares reflect the extensive renewal and upgrading of utility facilities along with the recent addition of reclaimed water services. Other Communities may not have recently provided for similar improvements and if not will have to address such improvements in future years, which most likely will result in increases in their monthly charges. These ununiform improvement periods among different communities is not uncommon and will inevitably vary.

Comparisons provide an overview that management and customers generally use when evaluating the relative cost of services. However, the cost of water, wastewater and reclaimed water are difficult to accurately compare, in that no two systems have similar service areas, resources, plant facilities, capitalization, financing, rate structures and customers. The comparison to other communities presented in **Table 21** reflects the cost for a typical ¾-inch Residential connection using water and wastewater. The table also includes comparisons for reclaimed water usage and monthly Stormwater Fees. As with water, wastewater and reclaimed water charges, Stormwater Fees between communities do necessarily lend themselves to accurate comparisons due to operating requirements, alternative

fund resources, capital investments and a variety of other variable. Rates used for neighboring communities were current as of October 1, 2013.

Table 21
Monthly Water, Wastewater, Reclaimed Water
and Stormwater Bill Comparison

	Combined Water and Wastewater ¹	Reclaimed ²	Stormwater
Tavares	\$57.64	\$19.22	\$6.25
Other Communities			
Clermont	\$35.55	\$15.49	\$3.00
Winter Garden	\$37.50	\$15.61	\$6.00
Apopka	\$38.57	\$8.39	\$2.08
Leesburg	\$43.29	\$14.11	\$6.00
Sanford	\$46.94	\$13.40	\$7.63
Winter Park	\$48.13	\$14.64	\$11.56
Ocoee	\$48.18	\$13.76	\$8.75
Mt. Dora	\$54.42	\$10.27	\$5.00
Eustis	\$58.44	\$8.75	\$6.00
Lady Lake	\$58.53	\$26.30	N/A
Umatilla	\$59.01	N/A	\$4.00
Average	\$48.05	\$14.07	\$6.00

1. 3/4-inch Residential @ 5,000 gallons water and wastewater per month.

2. 3/4-inch General Service @ 7,000 gallons per month.

3. Stormwater Fee based on Class 4 (2,300-2,899 sqft of impervious area).

FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

Findings, Conclusions and Recommendations

The water, wastewater, reclaimed water rates and Stormwater Fee presented herein are developed in consideration of the Utility's goal of just and equitable full cost recovery for services. Appropriate rate setting requires that consideration be given to the recovery of costs for both service availability and commodity benefits associated with the providing, maintaining and delivering utility services to each class of customer. The Utility is in the process of expanding the reuse of reclaimed water for the benefit of all customers (water, wastewater and reclaimed water) in that reclaimed water activity also addresses the regulatory constraints of maintaining adequate potable water supply for the economic growth of the City and community.

- The existing water, wastewater and reclaimed water rate structure was reviewed and determined to be equitable and consistent with the ratemaking criteria and the Utility's goals and objectives.
- The established ordinance provisions for existing rates and charges are sufficient to address the forecasted needs including debt capacity for water, wastewater and reclaimed water CIP.
- Revenues derived from the existing Stormwater Fee were determined to be inadequate to address the forecasted needs including CIP.
- It was determined that a series of equal annual increases to the existing Stormwater Fee would be sufficient to address the projected debt service requirements of new debt to fund capital improvements.
- A comprehensive analysis of stormwater accounts identified that certain adjustments are necessary to bring the billing data current with existing properties.
- In reviewing the existing stormwater policies, it was determined that provisions for Stormwater Fee credits should be adopted.

Pursuant to the findings of the study, generally accepted principles of ratemaking, requirements of Florida Statutes and with consideration of community standards, it is recommended that the City should proceed to:

1. Continue to adjust the water, wastewater and reclaimed water rates, charges and fees pursuant to the provisions establish by ordinance in the Section 17-55 (B) of the Land Development Code, which provides:
“Commencing on October 1, 2010, and each year thereafter, rates set forth in Exhibit “B” shall be adjusted by the greater of: (i) 1.0 percent; or (ii) 1.0 percent per year in addition to the annual indexing for inflation pursuant to the Consumer Price Index as of March 31, 2010 and each year thereafter. The new rates shall be calculated by multiplying the existing rates by a fraction, the numerator of which shall be the index for the month of March of the same calendar year for which the increase applies and the denominator shall be the index for the month of March of the previous calendar year.”
2. Adopt a schedule of Stormwater Fee adjustments of \$0.75 per year per ESFU with an effective date of October 1, 2014 and each succeeding October 1 through October 1, 2018;
3. Establish and adopt a Stormwater Fee Credit policy based pursuant to the discussions in this Report;

4. Reevaluate the water, wastewater and reclaimed water rate structure and rates periodically or whenever significant changes occur in the cost, debt service or method of delivery of Utility services; and
5. Reevaluate the Stormwater Fee periodically or whenever significant changes occur in the cost, debt service or method of delivery of Utility services.

The expenses, costs, and criteria associated with ratemaking are representative of averages that are developed primarily from historic data or projections based on opinions and assumptions. Significant amounts of historical review and analysis, together with the development of assumptions based on prudent engineering, financial, and ratemaking relationships were utilized in the development of the customers, operating activity, costs and proposed rate and charges. Some of the assumptions will inevitably change or not materialize, and unanticipated events may occur which could significantly change the results presented herein.

SCHEDULES

Schedule 1
Projection of Fiscal Requirements - Water

Description	Escalation Reference	2014/15	2015/16	2016/17	2017/18	2018/19
Personnel Costs						
Regular Salaries & Wages	3	\$637,500	\$659,800	\$682,900	\$706,800	\$731,500
Overtime	3	29,400	30,400	31,500	32,600	33,700
FICA/Medicare Taxes	3	45,500	47,100	48,700	50,400	52,200
Retirement Contributions	3	56,500	58,500	60,500	62,600	64,800
Health Insurance	3	80,900	83,700	86,600	89,600	92,700
Dental Insurance	3	3,900	4,000	4,100	4,200	4,300
Life Insurance	3	3,700	3,800	3,900	4,000	4,100
Short-Term Disability Ins.	3	2,500	2,600	2,700	2,800	2,900
Dependent Health Insurance	3	85,700	88,700	91,800	95,000	98,300
Dependent Dental Insurance	3	4,800	5,000	5,200	5,400	5,600
Long Term Disability	3	1,700	1,800	1,900	2,000	2,100
Workmen's Compensation	3	20,900	21,600	22,400	23,200	24,000
Total Personnel Costs		\$973,000	\$1,007,000	\$1,042,200	\$1,078,600	\$1,116,200
Operating Costs						
City Attorney	2	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Engineering	1	8,600	8,600	8,600	8,600	8,600
Consumptive Use Permit Renew	0	50,000	0	0	0	0
Permit & Compliance Fees	0	6,500	0	0	0	0
Audit Services	2	13,800	14,100	14,500	14,900	15,300
Contractual Services	5	122,200	126,300	130,500	134,800	139,100
Travel/ Per Diem	2	14,000	14,400	14,800	15,200	15,600
Telephone	2	12,200	12,500	12,800	13,100	13,400
Other Communications	2	8,500	8,700	8,900	9,100	9,300
Postage	5	4,700	4,900	5,100	5,300	5,500
Utility Services	5	260,800	269,500	278,500	287,700	296,900
Rental & Leases	5	1,100	1,100	1,100	1,100	1,100
Liability	2	72,400	74,200	76,100	78,000	80,000
Repairs & Maint. - Bldg	7	5,600	5,700	5,800	5,900	6,000
Repairs & Maint. - Equip	7	11,700	12,000	12,300	12,600	12,900
Repairs & Maint. - Misc/SCADA	7	25,800	26,400	27,100	27,800	28,500
Repairs & Maint. - Vehicles	7	7,500	7,700	7,900	8,100	8,300
Distribution	5	28,000	28,900	29,900	30,900	31,900
Pump Repair	5	18,100	18,700	19,300	19,900	20,500
Printing & Binding	4	1,200	1,200	1,200	1,200	1,200
Advertising	2	2,600	2,700	2,800	2,900	3,000
Credit Card Processing	5	51,400	53,100	54,900	56,700	58,500
Office Supplies	5	3,800	3,900	4,000	4,100	4,200
Operating Supplies	2	58,300	59,800	61,300	62,800	64,400
Durable Goods	5	5,000	5,200	5,400	5,600	5,800
Gas/Oil	5	47,100	48,700	50,300	52,000	53,700
Splash Park	5	5,800	6,000	6,200	6,400	6,600
Uniforms	5	11,500	11,900	12,300	12,700	13,100
Operating Chemicals	5	50,000	51,700	53,400	55,200	57,000
Lab Supplies	5	23,700	24,500	25,300	26,100	26,900
Lab - Operating Supplies	2	11,900	12,200	12,500	12,800	13,100
Books, Pubs, Subs, Mmbrsp	2	1,800	1,800	1,800	1,800	1,800
Reimbursement to General Fund	1	307,000	307,000	307,000	307,000	307,000
Total Operating Costs		\$1,253,600	\$1,224,400	\$1,252,600	\$1,281,300	\$1,310,200
Total O&M		\$2,226,600	\$2,231,400	\$2,294,800	\$2,359,900	\$2,426,400
Capital from Rates						
Equipment New Computers	5	\$6,100	\$6,300	\$6,500	\$6,700	\$6,900
New Meters/Lift Station Repair	5	26,900	27,800	28,700	29,600	30,500
Cross Connection Device	5	9,900	10,200	10,500	10,800	11,100
Total Capital from Rates		\$42,900	\$44,300	\$45,700	\$47,100	\$48,500

Schedule 1
Projection of Fiscal Requirements - Water

Description	Escalation Reference	2014/15	2015/16	2016/17	2017/18	2018/19
Debt Service & Transfers						
Transfer to GF (PILOT)	CAL	\$363,900	\$379,000	\$394,900	\$411,300	\$426,300
Transfer to SRF Loan Debt	INPUT	0	0	0	0	0
Transfer to RRI Fund	3	150,000	155,300	160,700	166,300	172,100
League Lease 2002 & 2006	INPUT	7,500	7,500	7,500	7,500	7,500
Rev Bond 2000 Split 40-60	1	0	0	0	0	0
Debt Serv Costs	1	200	200	200	200	200
Existing Parity Debt Service	INPUT	226,100	226,600	224,500	226,400	227,100
Existing SRF Debt Service	INPUT	538,500	725,600	725,600	725,600	725,600
Proposed Debt Service	INPUT	0	0	0	0	0
Total Debt Service & Transfers		\$1,286,200	\$1,494,200	\$1,513,400	\$1,537,300	\$1,558,800
Total Fiscal Requirement		\$3,555,700	\$3,769,900	\$3,853,900	\$3,944,300	\$4,033,700
Revenue other than Rates						
Water Reconnect Fee	1	\$18,900	\$18,900	\$18,900	\$18,900	\$0
Water Meter Fees	Cal	25,800	25,800	27,100	28,000	29,000
Water Service Charge	1	52,900	52,900	52,900	52,900	52,900
Water Sprinkler Hose Rack	1	8,900	8,900	8,900	8,900	8,900
Inspection Revenue	1	0	0	0	0	0
Late Charges/Penalty	1	50,000	50,000	50,000	50,000	50,000
Interest Income W & WW	1	900	900	900	900	900
SBA Interest Income	1	0	0	0	0	0
Investment	1	0	0	0	0	0
Impact Fee Interest Income	1	0	0	0	0	0
Total Other Revenue		\$157,400	\$157,400	\$158,700	\$159,600	\$141,700
Net Fiscal Requirement		\$3,398,300	\$3,612,500	\$3,695,200	\$3,784,700	\$3,892,000
Annual R&R In Operating Budget		\$6,175	\$6,200	\$6,200	\$6,200	\$6,200
Annual Operation Capital in Budget		\$258,496	\$162,128	\$162,128	\$162,128	\$162,128

Category	Escalation Factor	2014/15	2015/16	2016/17	2017/18	2018/19
Zero	0	0.0000	0.0000	0.0000	0.0000	0.0000
Constant Factor	1	1.0000	1.0000	1.0000	1.0000	1.0000
General Inflation	2	1.0250	1.0250	1.0250	1.0250	1.0250
Labor Escalator	3	1.0350	1.0350	1.0350	1.0350	1.0350
Customer Growth Factor	4	1.0081	1.0080	1.0081	1.0077	1.0068
Customer Growth / Inflation Factor	5	1.0333	1.0332	1.0333	1.0329	1.0319
Rate Revenue Factor	6	1.0251	1.0350	1.0350	1.0350	1.0350
Supplies / Repairs & Maintenance	7	1.0250	1.0250	1.0250	1.0250	1.0250

Schedule 2
Projection of Fiscal Requirements - Wastewater

Description	Escalation Reference	2014/15	2015/16	2016/17	2017/18	2018/19
Personnel Costs						
Regular Salaries & Wages	3	\$610,700	\$632,100	\$654,200	\$677,100	\$700,800
Other Salaries & Wages	3	0	0	0	0	0
Overtime	3	29,000	30,000	31,100	32,200	33,300
FICA/Medicare Taxes	3	44,600	46,200	47,800	49,500	51,200
Retirement Contributions	3	54,500	56,400	58,400	60,400	62,500
Health Insurance	3	68,000	70,400	72,900	75,500	78,100
Dental Insurance	3	3,600	3,700	3,800	3,900	4,000
Life Insurance	3	3,500	3,600	3,700	3,800	3,900
Short-Term Disability Ins.	3	2,400	2,500	2,600	2,700	2,800
Dependent Health Insurance	3	59,900	62,000	64,200	66,400	68,700
Dependent Dental Insurance	3	4,800	5,000	5,200	5,400	5,600
Long Term Disability	3	1,600	1,700	1,800	1,900	2,000
Workmen's Compensation	3	18,800	19,500	20,200	20,900	21,600
Total Personnel Costs		\$901,400	\$933,100	\$965,900	\$999,700	\$1,034,500
Operating Costs						
Engineering	1	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
Audit Services	2	16,700	17,100	17,500	17,900	18,300
Contractual Services	5	229,900	237,400	245,100	253,100	261,300
Travel/ Per Diem	2	17,100	17,500	17,900	18,300	18,800
Telephone	2	15,800	16,200	16,600	17,000	17,400
Postage	5	1,200	1,200	1,200	1,200	1,200
Utility Services	5	485,500	501,300	517,500	534,300	551,600
Rental & Leases	5	7,400	7,600	7,800	8,100	8,400
Liability	2	66,300	68,000	69,700	71,400	73,200
Repairs & Maint. - Bldg	7	4,600	4,600	4,600	4,600	4,600
Repairs & Maint. - Equip	7	52,100	52,100	52,100	52,100	52,100
Repairs & Maint. - Misc/SCADA	7	108,400	108,400	108,400	108,400	108,400
Repairs & Maint. - Vehicles	7	24,000	24,000	24,000	24,000	24,000
Pump Repair	5	47,400	48,900	50,500	52,100	53,800
Collection Line Repairs	2	10,000	10,300	10,600	10,900	11,200
Printing & Binding	4	700	700	700	700	700
Advertising	2	5,000	5,100	5,200	5,300	5,400
Office Supplies	5	2,800	2,900	3,000	3,100	3,200
Operating Supplies	2	60,500	62,000	63,600	65,200	66,800
Durable Goods	5	1,700	1,800	1,900	2,000	2,100
Gas/Oil	5	56,100	57,900	59,800	61,700	63,700
Splash Park	5	15,800	16,300	16,800	17,300	17,900
Uniforms	5	6,000	6,200	6,400	6,600	6,800
Operating Chemicals	5	98,000	101,200	104,500	107,900	111,400
Lab Supplies	5	17,700	18,300	18,900	19,500	20,100
Lab - Operating Supplies	2	11,000	11,300	11,600	11,900	12,200
Books, Pubs, Subs, Mmbrsp	2	2,800	2,900	3,000	3,100	3,200
Reimbursement to General Fund	1	307,000	307,000	307,000	307,000	307,000
Total Operating Costs		\$1,751,500	\$1,788,200	\$1,825,900	\$1,864,700	\$1,904,800
Total O&M		\$2,652,900	\$2,721,300	\$2,791,800	\$2,864,400	\$2,939,300
Capital from Rates						
Equipment New Computers	5	\$3,300	\$3,400	\$3,500	\$3,600	\$3,700
New Meters/Lift Station Repair	5	0	0	0	0	0
Total Capital from Rates		\$3,300	\$3,400	\$3,500	\$3,600	\$3,700
Debt Service & Transfers						
Transfer to GF (PILOT)	CAL	\$290,900	\$323,800	\$337,300	\$351,100	\$365,200
Transfer to RRI Fund	3	150,000	155,300	160,700	166,300	172,100
League Lease 2002 & 2006	1	25,500	25,500	25,500	25,500	25,500
Debt Serv Costs	1	500	500	500	500	500

Schedule 2
Projection of Fiscal Requirements - Wastewater

Description	Escalation Reference	2014/15	2015/16	2016/17	2017/18	2018/19
Existing Parity Debt Service	INPUT	293,200	293,500	291,200	292,800	294,300
Existing SRF Debt Service	INPUT	538,500	725,600	725,600	725,600	725,600
Proposed Debt Service	INPUT	0	0	137,200	137,200	319,900
Total Debt Service & Transfers		\$1,298,600	\$1,524,200	\$1,678,000	\$1,699,000	\$1,903,100
Total Fiscal Requirement		\$3,954,800	\$4,248,900	\$4,473,300	\$4,567,000	\$4,846,100
Revenue other than Rates						
Water Reuse	1	\$102,600	\$102,600	\$102,600	\$102,600	\$102,600
Late Charges/Penalty	1	50,000	50,000	50,000	50,000	50,000
Interest Income W & WW	1	900	900	900	900	900
Investment	1	0	0	0	0	0
Total Other Revenue		\$153,500	\$153,500	\$153,500	\$153,500	\$153,500
Net Fiscal Requirement		\$3,801,300	\$4,095,400	\$4,319,800	\$4,413,500	\$4,692,600
Annual R&R In Operating Budget		\$53,300	\$53,300	\$53,300	\$53,300	\$53,300
Annual Operation Capital in Budget		\$406,800	\$255,144	\$255,144	\$255,144	\$255,144

Category	Escalation Factor	2014/15	2015/16	2016/17	2017/18	2018/19
Zero	0	0.0000	0.0000	0.0000	0.0000	0.0000
Constant Factor	1	1.0000	1.0000	1.0000	1.0000	1.0000
General Inflation	2	1.0250	1.0250	1.0250	1.0250	1.0250
Labor Escalator	3	1.0350	1.0350	1.0350	1.0350	1.0350
Customer Growth Factor	4	1.0073	1.0073	1.0072	1.0073	1.0072
Customer Growth / Inflation Factor	5	1.0325	1.0325	1.0324	1.0325	1.0324
Rate Revenue Factor	6	1.0251	1.0350	1.0350	1.0350	1.0350
Supplies / Repairs & Maintenance	7	1.0000	1.0000	1.0000	1.0000	1.0000

Schedule 3
Projection of Fiscal Requirements - Reclaimed Water

Description	Escalation Reference	2014/15	2015/16	2016/17	2017/18	2018/19
Personnel Costs						
Regular Salaries & Wages	3	\$0	\$0	\$0	\$0	\$0
Overtime	3	0	0	0	0	0
FICA/Medicare Taxes	3	0	0	0	0	0
Retirement Contributions	3	0	0	0	0	0
Health Insurance	3	0	0	0	0	0
Dependent Health Insurance	3	0	0	0	0	0
Dependent Dental Insurance	3	0	0	0	0	0
Workmen's Compensation	3	0	0	0	0	0
Total Personnel Costs	0	\$0	\$0	\$0	\$0	\$0
Operating Costs						
Engineering	1	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Audit Services	2	0	0	0	0	0
Contractual Services	2	17,300	17,700	18,100	18,600	19,100
Travel/ Per Diem	2	0	0	0	0	0
Telephone	2	200	200	200	200	200
Other Communications	2	0	0	0	0	0
Postage	5	0	0	0	0	0
Utility Services	5	0	0	0	0	0
Rental & Leases	5	1,900	2,100	2,300	2,400	2,500
Liability	2	0	0	0	0	0
Repairs & Maint. - Bldg	7	0	0	0	0	0
Repairs & Maint. - Equip	7	10,000	10,000	10,000	10,000	10,000
Repairs & Maint. - Misc/SCADA	7	3,000	3,000	3,000	3,000	3,000
Repairs & Maint. - Vehicles	7	0	0	0	0	0
Collection Line Repairs	5	0	0	0	0	0
Printing & Binding	2	300	300	300	300	300
Advertising	4	0	0	0	0	0
Office Supplies	5	1,000	1,100	1,200	1,300	1,400
Operating Supplies	5	30,300	32,700	35,100	36,900	38,700
Gas/Oil	1	0	0	0	0	0
Splash Park	5	0	0	0	0	0
Uniforms	5	0	0	0	0	0
Operating Chemicals	5	0	0	0	0	0
Lab Supplies	5	0	0	0	0	0
Lab - Operating Supplies	5	0	0	0	0	0
Books, Pubs, Subs, Mmbrsp	0	0	0	0	0	0
Reimbursement to General Fund	0	0	0	0	0	0
Total Operating Costs		\$69,000	\$72,100	\$75,200	\$77,700	\$80,200
Total O&M		\$69,000	\$72,100	\$75,200	\$77,700	\$80,200
Capital from Rates						
Equipment New	5	\$0	\$0	\$0	\$0	\$0
New Meters/Lift Station Repair	5	26,900	29,100	31,200	32,800	34,400
Total Capital from Rates		\$26,900	\$29,100	\$31,200	\$32,800	\$34,400
Debt Service & Transfers						
Transfer to GF (PILOT)	5	\$0	\$14,000	\$15,200	\$16,500	\$17,300
Transfer to RRI Fund	3	0	0	0	0	0
Existing SRF Debt Service	INPUT	432,100	432,100	432,100	432,100	432,100
Proposed Debt Service	INPUT	0	0	0	0	16,400
Total Debt Service & Transfers		\$432,100	\$446,100	\$447,300	\$448,600	\$465,800
Total Fiscal Requirement		\$528,000	\$547,300	\$553,700	\$559,100	\$580,400

Revenue other than Rates

Schedule 3
Projection of Fiscal Requirements - Reclaimed Water

Description	Escalation Reference	2014/15	2015/16	2016/17	2017/18	2018/19
Water Meter Fees	Cal	\$6,500	\$6,700	\$7,000	\$7,300	\$7,500
Cross Connection Fees	1	0	0	0	0	0
Total Other Revenue		\$6,500	\$6,700	\$7,000	\$7,300	\$7,500
Net Fiscal Requirement		\$521,600	\$540,700	\$546,700	\$551,900	\$572,900
Annual R&R In Operating Budget		\$8,500	\$8,500	\$8,500	\$8,500	\$8,500
Annual Operation Capital in Budget		\$5,300	\$3,324	\$3,324	\$3,324	\$3,324

Category	Escalation Factor	2014/15	2015/16	2016/17	2017/18	2018/19
Zero	0	0.0000	0.0000	0.0000	0.0000	0.0000
Constant Factor	1	1.0000	1.0000	1.0000	1.0000	1.0000
General Inflation	2	1.0250	1.0250	1.0250	1.0250	1.0250
Labor Escalator	3	1.0350	1.0350	1.0350	1.0350	1.0350
Customer Growth Factor	4	1.0576	1.0544	1.0465	1.0247	1.0241
Customer Growth / Inflation Factor	5	1.0840	1.0808	1.0726	1.0503	1.0497
Rate Revenue Factor	6	1.0251	1.0350	1.0350	1.0350	1.0350
Supplies / Repairs & Maintenance	7	1.0000	1.0000	1.0000	1.0000	1.0000

Schedule 4
Projection of Fiscal Requirements - Stormwater

Description	Escalation Reference	2014/15	2015/16	2016/17	2017/18	2018/19
Personnel Costs						
Regular Salaries & Wages	3	\$156,200	\$161,700	\$167,400	\$173,300	\$179,400
Overtime	3	10,700	11,100	11,500	11,900	12,300
FICA/Medicare Taxes	3	11,900	12,300	12,700	13,100	13,600
Retirement Contributions	3	14,000	14,500	15,000	15,500	16,000
Health Insurance	3	23,200	24,000	24,800	25,700	26,600
Dental Insurance	3	1,100	1,100	1,100	1,100	1,100
Life Insurance	3	900	900	900	900	900
Short-Term Disability Ins.	3	700	700	700	700	700
Dependent Health Insurance	3	8,400	8,700	9,000	9,300	9,600
Dependent Dental Insurance	3	600	600	600	600	600
Long Term Disability	3	400	400	400	400	400
Workmen's Compensation	3	5,800	6,000	6,200	6,400	6,600
Total Personnel Costs		\$233,900	\$242,000	\$250,300	\$258,900	\$267,800
Operating Costs						
Engineering	2	\$13,000	\$13,300	\$13,600	\$13,900	\$14,200
Permit & Compliance Fees	2	8,000	8,200	8,400	8,600	8,800
Audit Services	2	3,400	3,500	3,600	3,700	3,800
Contractual Services	2	42,700	43,800	44,900	46,000	47,200
Travel/ Per Diem	2	4,000	4,100	4,200	4,300	4,400
Telephone	2	1,000	1,000	1,000	1,000	1,000
Postage	5	300	300	300	300	300
Landfill Costs	2	12,000	12,300	12,600	12,900	13,200
Rental & Leases	5	2,500	2,600	2,600	2,700	2,700
Liability	2	6,600	6,800	7,000	7,200	7,400
Repairs & Maint. - Equip	7	3,000	3,000	3,000	3,000	3,000
Repairs & Maint. - Vehicles	7	10,000	10,000	10,000	10,000	10,000
Storm Drain Repair	2	6,000	6,200	6,400	6,600	6,800
Printing & Binding	2	400	400	400	400	400
Advertising	4	500	500	500	500	500
Office Supplies	5	500	500	500	500	500
Operating Supplies	5	10,700	11,000	11,200	11,500	11,700
Gas/Oil	5	22,100	22,700	23,000	23,700	24,000
Uniforms	5	2,900	3,000	3,000	3,100	3,100
Road Materials & Supplies	2	2,500	2,500	2,500	2,600	2,700
Books, Pubs, Subs, Mmbrsp	2	1,000	1,000	1,000	1,000	1,000
Reimbursement to General Fund	2	158,800	162,800	166,900	171,100	175,400
Total Operating Costs		\$311,900	\$319,500	\$326,600	\$334,600	\$342,100
Total O&M		\$545,800	\$561,500	\$576,900	\$593,500	\$609,900
Capital from Rates						
Building	5	\$0	\$0	\$0	\$0	\$0
Total Capital from Rates		\$0	\$0	\$0	\$0	\$0
Debt Service & Transfers						
Transfer to GF (PILOT)	5	\$52,600	\$54,100	\$54,900	\$56,500	\$57,300
Other - Machine Lease Capital	3	72,300	72,300	72,300	72,300	72,300
Existing SRF Debt Service	INPUT	0	0	0	0	0
Proposed Debt Service	INPUT	59,600	113,200	122,700	141,700	439,800
Total Debt Service & Transfers		\$184,500	\$239,600	\$249,900	\$270,500	\$569,400
Total Fiscal Requirement		\$730,300	\$801,100	\$826,800	\$864,000	\$1,179,300
Revenue other than Rates						
Stormwater Interest Income	1	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100
Total Other Revenue		\$1,100	\$1,100	\$1,100	\$1,100	\$1,100
Net Fiscal Requirement		\$729,200	\$800,000	\$825,700	\$862,900	\$1,178,200
Annual R&R In Operating Budget		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Annual Operation Capital in Budget		\$88,500	\$88,500	\$88,500	\$88,500	\$88,500

Schedule 4
Projection of Fiscal Requirements - Stormwater

Description	Escalation					
	Factor	2014/15	2015/16	2016/17	2017/18	2018/19
Zero	0	0.0000	0.0000	0.0000	0.0000	0.0000
Constant Factor	1	1.0000	1.0000	1.0000	1.0000	1.0000
General Inflation	2	1.0250	1.0250	1.0250	1.0250	1.0250
Labor Escalator	3	1.0350	1.0350	1.0350	1.0350	1.0350
Customer Growth Factor	4	1.0000	1.0034	0.9900	1.0034	0.9900
Customer Growth / Inflation Factor	5	1.0250	1.0285	1.0148	1.0284	1.0148
Rate Revenue Factor	6	1.0251	1.0350	1.0350	1.0350	1.0350
Supplies / Repairs & Maintenance	7	1.0000	1.0000	1.0000	1.0000	1.0000

Schedule 5
Florida Municipalities Stormwater Equivalency Criteria

Description	Rate	Criteria	Description	Rate	Criteria
Altamonte Springs	\$6.75	2,492 sq. ft	Margate	\$3.57	2,328 sq. ft.
Apopka	\$2.08	N/A	Marion County	\$1.25	2,275 sq. ft.
Atlantic Beach	\$5.00	1,790 sq. ft.	Medley	\$3.00	1,487 sq. ft.
Auburndale	\$0.75	N/A	Melbourne	\$36.00	2,500 sq. ft.
Aventura	\$2.50	1,548 sq. ft.	Melbourne Beach	\$3.00	2,500 sq. ft.
Bartow	\$3.75	per dwelling	Miami	\$3.50	1,191 sq. ft.
Bay County	\$3.33	N/A	Miami Beach	\$3.25	791 sq. ft.
Bay Harbor Islands	\$5.00	1,548 sq. ft.	Miami-Dade County	\$4.00	1,548 sq. ft.
Belle Island	\$4.00	4,087 sq. ft.	Miami Gardens	\$4.00	1,548 sq. ft.
Boca Raton	\$2.90	2,873 sq. ft.	Miami Shores	\$3.75	1,435 sq. ft.
Boynton Beach	\$5.00	1,937 sq. ft.	Miami Springs	\$3.67	N/A
Bradenton	\$2.50	1,700 sq.ft.	Minneola	\$4.00	1,100 sq. ft.
Bradenton Beach	\$8.33	N/A	Miramar	\$2.50	3,619 sq. ft.
Brevard County	\$3.00	2,500 sq. ft.	Mount Dora	\$5.00	2,500 sq. ft.
Cape Canaveral	\$3.00	2,074 sq. ft.	Mulberry	\$4.00	3,120 sq. ft.
Cape Coral	\$6.25	10,000 sq. ft.	Naples	\$12.01	1,934 sq. ft.
Casselberry	\$7.00	2,304 sq. ft.	Neptune Beach	\$3.00	3,164 sq. ft.
Charlotte County	\$10.71	per acre	New Port Richey	\$3.36	2,629 sq. ft.
Clearwater	\$12.51	1,830 sq. ft.	New Smyrna Beach	\$2.50	1,515 sq. ft.
Clermont	\$3.00	3,154 sq. ft.	Niceville	\$4.25	7,500 sq. ft.
Cocoa	\$5.00	2,166 sq. ft.	North Bay Village	\$2.25	2,415 sq. ft.
Cocoa Beach	\$6.00	2,900 sq. ft.	North Lauderdale	\$3.00	2,138 sq. ft.
Coconut Creek	\$3.22	2,70 sq. ft.	North Miami	\$5.64	1,760 sq. ft.
Cooper City	\$20.80	30,000 sq. ft.	North Miami Beach	\$4.50	1,800 sq. ft.
Coral Gables	\$3.50	2,428 sq. ft.	Oakland Park	\$6.00	1,507 sq. ft.
Cutler Bay	\$4.00	1,548 sq. ft.	Ocala	\$4.00	1,948 sq. ft.
Daytona Beach	\$7.48	1,661 sq. ft.	Ocoee	\$7.00	2,054 sq. ft.
DeBary	\$7.00	2,560 sq. ft.	Oldsmar	\$3.00	2,550 sq. ft.
Deland	\$5.81	4,900 sq. ft.	Opa-Locka	\$1.90	1,548 sq. ft.
Delray Beach	\$5.33	2,502 sq. ft.	Orlando	\$9.99	2,000 sq. ft.
Deltona	\$6.26	3,484 sq. ft.	Ormond Beach	\$5.00	3,000 sq. ft.
Doral	\$4.00	1,548 sq. ft.	Oviedo	\$4.00	2,464 sq. ft.
Dundee	\$1.00	N/A	Palm Coast	\$8.00	3,432 sq. ft.
Dunedin	\$7.40	1,708 sq. ft.	Palmetto	\$3.68	1,999 sq. ft.
Eagle Lake	\$4.00	N/A	Pasco County	\$3.92	2,980 sq. ft.
Eatonville	\$4.95	Res	Pembroke Park	\$6.25	1,548 sq. ft.
Edgewater	\$8.00	2,027 sq. ft.	Pensacola	\$4.40	2,575 sq. ft.
El Portal	\$3.00	1,548 sq. ft.	Pincrest	\$4.00	1,548 sq. ft.
Eustis	\$3.00	2,187 sq. ft.	Pinellas Park	\$2.00	N/A
Florida City	\$2.50	1,250 sq. ft.	Plant City	\$5.50	2,280 sq. ft.
Fort Lauderdale	\$3.53	N/A	Polk City	\$1.50	1,000 sq. ft.
Fort Meade	\$4.25	N/A	Pompano Beach	\$3.00	2,880 sq. ft.
Fort Myers	\$4.80	2,500 sq. ft.	Port Orange	\$8.25	3,050 sq. ft.
Fort Pierce	\$4.50	2,186 sq. ft.	Port St. Lucie	\$10.25	2,280 sq. ft.
Fort Walton Beach	\$3.00	3,200 sq. ft.	Riviera Beach	\$4.50	1,920 sq. ft.
Frostproof	\$3.00	N/A	Rockledge	\$3.75	2,922 sq. ft.

Schedule 5
Florida Municipalities Stormwater Equivalency Criteria

Description	Rate	Criteria	Description	Rate	Criteria
Fruitland Park	\$2.00	N/A	Safety Harbor	\$3.75	1,865 sq. ft.
Gainesville	\$8.15	2,300 sq. ft.	Sanford	\$6.79	2,126 sq. ft.
Golden Beach	\$2.92	8,000 sq. ft.	Sarasota County	\$7.55	3,153 sq. ft.
Gulfport	\$2.87	2,300 sq. ft.	Satelite Beach	\$4.50	3,000 sq. ft.
Haines City	\$2.00	1,935 sq. ft.	South Daytona	\$5.00	N/A
Hallandale Beach	\$2.50	958 sq. ft.	South Miami	\$3.00	1,865 sq. ft.
Hialeah	\$2.50	1,664 sq. ft.	St. Augustine	\$5.00	N/A
Hialeah Gardens	\$2.00	1,267 sq. ft.	St. Cloud	\$6.35	2,664 sq. ft.
Hillsborough County	\$1.00	1,800 sq. ft.	St. Petersburg	\$6.84	2,719 sq. ft.
Holly Hill	\$6.00	2,050 sq. ft.	Stuart	\$3.76	3,707 sq. ft.
Hollywood	\$3.22	2,250 sq. ft.	Sunny Isles Beach	\$2.50	1,548 sq. ft.
Holmes Beach	\$4.50	2,354 sq. ft.	Sunrise	\$4.50	1,884 sq. ft.
Homestead	\$3.18	2,000 sq. ft.	Surfside	\$2.50	1,040 sq. ft.
Indian Creek	\$4.39	4,385 sq. ft.	Sweetwater	\$2.50	1,579 sq. ft.
Indian Harbour Beach	\$3.00	2,500 sq. ft.	Tallahassee	\$7.95	1,990 sq. ft.
Jacksonville	\$5.00	3,100 sq. ft.	Tamarac	\$9.58	1,830 sq. ft.
Jacksonville Beach	\$5.00	1,500 sq. ft.	Tampa	\$3.00	3,310 sq. ft.
Jupiter	\$4.37	2,651 sq. ft.	Tarpon Springs	\$5.65	1,945 sq. ft.
Key Biscayne	\$7.50	Res	Tavares	\$4.50	3,000 sq. ft.
Key West	\$7.05	1,400 sq. ft.	Tequesta	\$7.13	2,506 sq. ft.
Kissimmee	\$7.64	2,404 sq. ft.	Titusville	\$6.15	3,300 sq. ft.
Lake Alfred	\$2.00	N/A	Treasure Island	\$3.36	N/A
Lake Mary	\$3.00	4,576 sq. ft.	Venice	\$5.00	9,489 sq. ft.
Lake Worth	\$5.80	1,748 sq. ft.	Volusia County	\$6.00	2,775 sq. ft.
Lakeland	\$6.00	5,000 sq. ft.	West Melbourne	\$3.00	N/A
Largo	\$4.45	2,257 sq. ft.	West Miami	\$2.50	1,400 sq. ft.
Lauderdale Lakes	\$4.57	2,133 sq. ft.	West Palm Beach	\$8.48	2,171 sq. ft.
Lauderhil	\$12.19	3,800 sq. ft.	West Park	\$3.50	3,600 sq. ft.
Leesburg	\$6.00	2,000 sq. ft.	Wilton Manors	\$3.50	3,460 sq. ft.
Leon County	\$1.67	2,723 sq. ft.	Winter Gardens	\$4.00	4,077 sq. ft.
Longwood	\$6.00	2,898 sq. ft.	Winter Haven	\$2.68	N/A
Maderia Beach	\$5.00	1,249 sq. ft.	Winter Park	\$11.56	2,324 sq. ft.
Malabar	\$3.00	N/A	Winter Springs	\$5.50	2,123 sq. ft.

*Source: Florida Stormwater Association

Schedule 6
Proforma Operating Statement
Water

	2014/15	2015/16	2016/17	2017/18	2018/19
Revenues					
User Fees					
Base	\$2,245,000	\$2,342,200	\$2,443,800	\$2,548,800	\$2,655,800
Usage	1,971,000	2,056,100	2,144,000	2,234,700	2,325,900
Subtotal	\$4,216,000	\$4,398,300	\$4,587,800	\$4,783,500	\$4,981,700
Other Operating Revenues	157,400	157,400	158,700	159,600	141,700
Total Revenues	\$4,373,400	\$4,555,700	\$4,746,500	\$4,943,100	\$5,123,400
O&M Expenses	2,226,600	2,231,400	2,294,800	2,359,900	2,426,400
Net Revenue	\$2,146,800	\$2,324,300	\$2,451,700	\$2,583,200	\$2,697,000
Impact Fees	0	0	0	0	0
Net Revenue & Impact Fees	\$2,146,800	\$2,324,300	\$2,451,700	\$2,583,200	\$2,697,000
Debt Service					
Senior Parity					
Existing	\$226,300	\$226,800	\$224,700	\$226,600	\$227,300
Proposed	0	0	0	0	0
Subtotal Senior Parity	\$226,300	\$226,800	\$224,700	\$226,600	\$227,300
Subordinate SRF					
Existing	\$538,500	\$725,600	\$725,600	\$725,600	\$725,600
Proposed	0	0	0	0	0
Subtotal SRF	\$538,500	\$725,600	\$725,600	\$725,600	\$725,600
League Lease 2002/04/06	7,500	7,500	7,500	7,500	7,500
Subtotal Subordinate	\$546,000	\$733,100	\$733,100	\$733,100	\$733,100
Total Debt Service	\$772,300	\$959,900	\$957,800	\$959,700	\$960,400
Operating Balance	\$1,374,500	\$1,364,400	\$1,493,900	\$1,623,500	\$1,736,600
Transfers and Minor Capital					
Transfer to GF (PILOT)	\$363,900	\$379,000	\$394,900	\$411,300	\$426,300
Transfer to RRI Fund	150,000	155,300	160,700	166,300	172,100
Capital from Rates	42,900	44,300	45,700	47,100	48,500
Total Transfers & Capital	\$556,800	\$578,600	\$601,300	\$624,700	\$646,900
Surplus (Deficit)	\$817,700	\$785,800	\$892,600	\$998,800	\$1,089,700

Schedule 7
Proforma Operating Statement
Wastewater

	2014/15	2015/16	2016/17	2017/18	2018/19
Revenues					
User Fees					
Base	\$1,907,400	\$1,989,200	\$2,073,900	\$2,162,900	\$2,254,900
Usage	1,679,200	1,749,700	1,826,100	1,903,200	1,981,100
Subtotal	\$3,586,600	\$3,738,900	\$3,900,000	\$4,066,100	\$4,236,000
Other Operating Revenues	153,500	153,500	153,500	153,500	153,500
Total Revenues	\$3,740,100	\$3,892,400	\$4,053,500	\$4,219,600	\$4,389,500
O&M Expenses	2,652,900	2,721,300	2,791,800	2,864,400	2,939,300
Net Revenue	\$1,087,200	\$1,171,100	\$1,261,700	\$1,355,200	\$1,450,200
Impact Fees	200,000	200,000	200,000	200,000	200,000
Net Revenue & Impact Fees	\$1,287,200	\$1,371,100	\$1,461,700	\$1,555,200	\$1,650,200
Debt Service					
Senior Parity					
Existing	\$293,700	\$294,000	\$291,700	\$293,300	\$294,800
Proposed	0	0	0	0	0
Subtotal Senior Parity	\$293,700	\$294,000	\$291,700	\$293,300	\$294,800
Subordinate SRF					
Existing	\$538,500	\$725,600	\$725,600	\$725,600	\$725,600
Proposed	0	0	137,200	137,200	319,900
Subtotal SRF	\$538,500	\$725,600	\$862,800	\$862,800	\$1,045,500
League Lease 2002/04/06	0	0	0	0	0
Subtotal Subordinate	\$538,500	\$725,600	\$862,800	\$862,800	\$1,045,500
Total Debt Service	\$832,200	\$1,019,600	\$1,154,500	\$1,156,100	\$1,340,300
Operating Balance	\$455,000	\$351,500	\$307,200	\$399,100	\$309,900
Transfers and Minor Capital					
Transfer to GF (PILOT)	\$290,900	\$323,800	\$337,300	\$351,100	\$365,200
Transfer to RRI Fund	150,000	155,300	160,700	166,300	172,100
Capital from Rates	3,300	3,400	3,500	3,600	3,700
Total Transfers & Capital	\$444,200	\$482,500	\$501,500	\$521,000	\$541,000
Surplus (Deficit)	\$10,800	(\$131,000)	(\$194,300)	(\$121,900)	(\$231,100)

Schedule 8
Proforma Operating Statement
Reclaimed Water

	2014/15	2015/16	2016/17	2017/18	2018/19
Revenues					
User Fees					
Base	\$70,500	\$76,800	\$81,600	\$86,700	\$89,800
Usage	76,700	85,200	94,500	104,100	110,900
Subtotal	\$147,200	\$162,000	\$176,100	\$190,800	\$200,700
Other Operating Revenues	6,400	6,600	7,000	7,200	7,500
Total Revenues	\$153,600	\$168,600	\$183,100	\$198,000	\$208,200
O&M Expenses	69,000	72,100	75,200	77,700	80,200
Net Revenue	\$84,600	\$96,500	\$107,900	\$120,300	\$128,000
Impact Fees	0	0	0	0	0
Net Revenue & Impact Fees	\$84,600	\$96,500	\$107,900	\$120,300	\$128,000
Debt Service					
Senior Parity					
Existing	\$0	\$0	\$0	\$0	\$0
Proposed	0	0	0	0	0
Subtotal Senior Parity	\$0	\$0	\$0	\$0	\$0
Subordinate SRF					
Existing	\$432,100	\$432,100	\$432,100	\$432,100	\$432,100
Proposed	0	0	0	0	16,400
Subtotal SRF	\$432,100	\$432,100	\$432,100	\$432,100	\$448,500
League Lease 2002/04/06	0	0	0	0	0
Subtotal Subordinate	\$432,100	\$432,100	\$432,100	\$432,100	\$448,500
Total Debt Service	\$432,100	\$432,100	\$432,100	\$432,100	\$448,500
Operating Balance	(\$347,500)	(\$335,600)	(\$324,200)	(\$311,800)	(\$320,500)
Transfers and Minor Capital					
Transfer to GF (PILOT)	\$0	\$14,000	\$15,200	\$16,500	\$17,300
Transfer to RRI Fund	0	0	0	0	0
Capital from Rates	26,900	29,100	31,200	32,800	34,400
Total Transfers & Capital	\$26,900	\$43,100	\$46,400	\$49,300	\$51,700
Surplus (Deficit)	(\$374,400)	(\$378,700)	(\$370,600)	(\$361,100)	(\$372,200)

Schedule 9
Proforma Operating Statement
Stormwater

	2014/15	2015/16	2016/17	2017/18	2018/19
Revenues					
Utility Fee	\$946,200	\$1,031,500	\$1,135,000	\$1,239,100	\$1,343,900
Subtotal	\$946,200	\$1,031,500	\$1,135,000	\$1,239,100	\$1,343,900
Other Operating Revenues	1,100	1,100	1,100	1,100	1,100
Total Revenues	\$947,300	\$1,032,600	\$1,136,100	\$1,240,200	\$1,345,000
O&M Expenses	545,800	561,500	576,900	593,500	609,900
Net Revenue	\$401,500	\$471,100	\$559,200	\$646,700	\$735,100
Debt Service					
Senior Parity					
Existing	\$0	\$0	\$0	\$0	\$0
Subordinate SRF					
Existing	\$0	\$0	\$0	\$0	\$0
Proposed	59,600	113,200	122,700	141,700	439,800
Subtotal SRF	\$59,600	\$113,200	\$122,700	\$141,700	\$439,800
Total Debt Service	\$59,600	\$113,200	\$122,700	\$141,700	\$439,800
Capital Lease	72,300	72,300	72,300	72,300	72,300
Operating Balance	\$269,600	\$285,600	\$364,200	\$432,700	\$223,000
Transfers and Minor Capital					
Transfer to GF (PILOT)	\$52,600	\$54,100	\$54,900	\$56,500	\$57,300
Transfer to RRI Fund	0	0	0	0	0
Capital from Rates	0	0	0	0	0
Total Transfers & Capital	\$52,600	\$54,100	\$54,900	\$56,500	\$57,300
Surplus (Deficit)	\$217,000	\$231,500	\$309,300	\$376,200	\$165,700

APPENDIX A

BILLING FREQUENCY ANALYSIS



September 11, 2014

Ms. Lori Houghton
Finance Director
City of Tavares
201 E. Main St.
Tavares, FL 32778

Subject: Billing Frequency Analysis

Dear Ms. Houghton:

Presented herein is our review of the customer information provided by the City of Tavares (the "City") with respect to the water and wastewater utility customers located within and outside the City limits. The focus of the review was to substantiate with relative certainty and by customer classification and size of service connection: the number of accounts and equivalent meter connections (EMCs); and corresponding usage characteristics. The approach to this review consisted of a comprehensive billing frequency analysis of the billing data for the 12 consecutive months ending September 30, 2012, (the "Test Period"). To verify the results, revenues were first calculated based on the resulting customer data findings and the user rates, charges and fees effective during the Test Period, and then compared to the revenues recorded by the City for the same time period.

The following are brief discussions with a summary tables regarding this important review.

Data Acquisition, Billing Frequency Analysis and Revenue Test

The requested customer, billing and financial data was received in electronic format and included: (i) water, wastewater and irrigation accounts together with pertinent billing register data; (ii) year-end accounting revenues; (iii) current year budgets; (iv) billing data adjustments; and (v) historic and current user rate schedules.

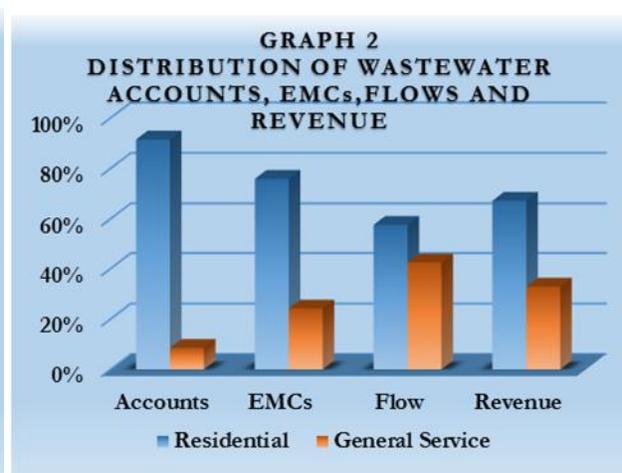
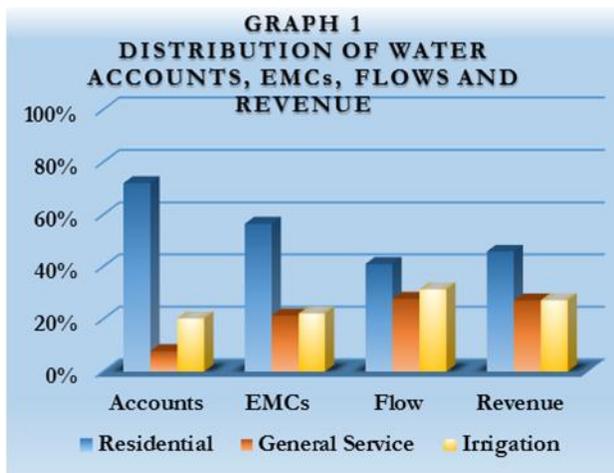
A billing frequency analysis was conducted on the customer and billing register data, which provided by customer classification and connection size the number of billing events for each 1,000 gallon increment of metered water and wastewater usage. The results of the billing frequency analysis was then used to identify corresponding revenues based on the approved rates and charges existing during the Test Period. When compared to the water and wastewater revenues provided by the City's accounting records for the same period, the billing frequency revenues were within approximately 0.26% of the City's accounting records. This revenue reconciliation confirmed the validity of the billing frequency finds for use in the ongoing rate study and financial feasibility program.

Summary results for the water and wastewater customer billing frequency analysis and revenue reconciliation is provided in **Table 1**.

Table 1
FY 2011/12 Customer, Usage and Revenue Summary

Customers & Usage			
	Average Monthly		Usage Total
	Events	ERUs	
Water	8,882	11,313	833,013
Wastewater	6,568	7,920	497,728
Revenue			
	Revenue		
	Base	Usage	Total
Water	\$2,016,016	\$1,767,680	\$3,783,697
Wastewater	1,689,841	1,511,689	3,201,530
Total	\$3,705,857	\$3,279,370	\$6,985,227
Reconciliation Analysis			
	Revenue		
			Difference
	Analysis	Recorded	Amount
Water	\$3,783,697	\$3,807,327	\$23,630
Wastewater	3,201,530	3,196,172	(5,359)
Total	\$6,985,227	\$7,003,499	\$18,271
			Percent
			0.62%
			-0.17%
			0.26%

The distribution of accounts, EMCs, Flows and Revenue for water and wastewater are illustrated in Graphs 1 and 2. It can be observed in these graphs that the relationships between EMCs, Flows and Revenue are relatively balanced for each customer classification, which implies that the rate structure remains just and equitable. It should be noted that these relationships will vary during the year and over multiple years; the goal is that the relationships are relatively balanced to each other as it would be highly unusual for the relationship to be exactly equal.



More detailed information on customers by meter size is provided in **Tables 2 and 3**. This information is summarized from the schedules attached to this Report. The schedules provide the

actual billing frequency analysis for each customer classification by meter size and is useful in understand the usage characteristics especially with respect to the conservation usage blocks in the rate structure.

Table 2
Water Customer Statistics

Customer Class & Meter Size	Average Monthly		Annual ¹ Consumption	Revenue		
	Accounts	EMCs		Base	Usage	Total
Residential						
3/4"	6,319	6,319	335,473	\$1,126,812	\$575,894	\$1,702,706
1.0"	72	72	5,723	12,808	12,845	25,653
1.5"	2	2	6	396	8	404
2.0"	1	1	98	220	216	436
Subtotal	6,393	6,393	341,300	\$1,140,235	\$588,963	\$1,729,198
General Service						
3/4"	418	418	33,993	\$74,438	\$90,736	\$165,174
1.0"	132	331	17,746	60,693	36,883	97,576
1.5"	49	245	20,383	44,484	46,088	90,572
2.0"	69	551	83,904	98,921	233,432	332,354
3.0"	6	91	12,292	16,042	33,723	49,765
4.0"	15	373	39,365	66,660	109,866	176,526
6.0"	2	100	111	19,782	135	19,917
8.0"	1	80	1,080	14,064	1,308	15,372
10.0"	2	230	22,075	40,434	38,299	78,733
Subtotal	695	2,419	230,949	\$435,518	\$590,470	\$1,025,988
Irrigation						
3/4"	1,541	1,541	161,927	\$271,279	\$365,070	\$636,348
1.0"	192	481	53,022	84,494	119,002	203,496
1.5"	20	101	12,110	18,038	29,758	47,796
2.0"	39	311	30,732	54,732	70,466	125,199
3.0"	-	-	-	-	-	-
4.0"	1	17	8	2,930	9	2,939
6.0"	1	50	2,965	8,790	3,942	12,732
Subtotal	1,794	2,500	260,764	\$440,263	\$588,247	\$1,028,511
Total	8,882	11,313	833,013	\$2,016,016	\$1,767,680	\$3,783,697

1. Units are in 1000s of Gallons.

Table 3
Wastewater Customer Statistics

Customer Class & Meter Size	Average Monthly		Annual ¹ Consumption	Revenue		
	Accounts	EMCs		Base	Usage	Total
Residential						
3/4"	5,940	5,940	282,821	\$1,265,089	\$859,756	\$2,124,845
1.0"	64	64	3,736	13,601	11,446	25,047
1.5"	1	1	6	213	18	231
Subtotal	6,005	6,005	286,563	\$1,278,903	\$871,220	\$2,150,123
General Service						
3/4"	361	361	33,435	\$76,826	\$101,312	\$178,138
1.0"	95	236	15,060	50,396	45,701	\$96,097
1.5"	34	171	13,299	36,394	40,296	76,690
2.0"	52	413	76,787	88,550	233,193	321,743
3.0"	6	90	12,092	19,127	36,639	55,766
4.0"	13	315	38,306	66,855	116,067	182,922
6.0"	2	100	111	23,910	375	24,285
8.0"	-	-	-	-	-	-
10.0"	2	230	22,075	48,880	66,887	115,767
Subtotal	564	1,915	211,165	\$410,938	\$640,469	\$1,051,407
Total	6,568	7,920	497,728	\$1,689,841	\$1,511,689	\$3,201,530

1. Units are in 1000s of Gallons.

Findings

The customer data received from the City is believed to be complete for the Test Period. Although not audited the financial data reflecting revenues associated with the charges for monthly water and wastewater services also appears to be complete and representative of such activities for the Test Period. The results identified through the billing frequency analysis, as summarized in Tables 1, 2, and 3, and illustrated in Graphs 1 and 2 prepared from detailed data in the attached **Appendix**, were reconciled to approximately 0.26 percent of the provided revenues, and are therefore believed to be materially representative of the customer classifications, connection sizes, and flow characteristics as of September 30, 2012.

We thank you for the opportunity to be of service in this important matter and your staff for assistance in obtaining information and data required for this study.

Very truly yours,
Raftelis Financial Consultants, Inc.



Marco H. Rocca, C.M.C.
 Director of Florida Operations

APPENDIX A

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City of Tavares – Water and Wastewater Systems

Billing Frequency Analysis

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**Schedule 1A
Water Inside Customer Statistics FY 2011/12**

Customer/ Meter Size	Annual		Average		Annual Billed Consumption (x 1,000 Gallons)					Base Charge Revenue	Usage Revenues				Usage Revenue	Total Revenue
	Accounts	EMCs	Accounts	EMCs	Block 1	Block 2	Block 3	Block 4	Total		Block 1	Block 2	Block 3	Block 4		
Residential																
3/4"	71,467	71,467	5,956	5,956	153,034	85,498	46,988	26,624	312,144	\$1,046,992	\$168,337	\$137,652	\$122,638	\$93,451	\$522,078	\$1,569,070
1.0"	798	798	67	67	1,693	1,206	831	823	4,553	11,691	1,862	1,942	2,169	2,889	8,862	20,552
1.5"	12	12	1	1	3	3	0	0	6	176	3	5	-	-	8	184
Subtotal	72,277	72,277	6,023	6,023	154,730	86,707	47,819	27,447	316,703	\$1,058,858	\$170,203	\$139,598	\$124,807	\$96,340	\$530,948	\$1,589,806
General Service																
3/4"	4,781	4,781	398	398	6,704	4,596	3,392	17,471	32,163	\$70,042	\$7,374	\$7,400	\$8,852	\$61,325	\$84,951	\$154,992
1.0"	1,307	3,268	109	272	5,473	3,609	2,941	3,085	15,107	47,869	6,020	5,810	7,676	10,828	30,334	78,203
1.5"	516	2,580	43	215	5,270	4,262	3,936	5,922	19,390	37,797	5,797	6,862	10,273	20,786	43,718	81,515
2.0"	754	6,032	63	503	10,787	10,543	12,509	47,795	81,634	88,369	11,866	16,974	32,648	167,760	229,249	317,618
3.0"	73	1,095	6	91	1,817	1,515	2,405	6,555	12,292	16,042	1,999	2,439	6,277	23,008	33,723	49,765
4.0"	167	4,175	14	348	5,542	4,427	6,098	22,793	38,860	61,164	6,096	7,127	15,916	80,003	109,143	170,307
6.0"	12	600	1	50	60	-	-	-	60	8,790	66	-	-	-	66	8,856
8.0"	12	960	1	80	845	235	-	-	1,080	14,064	930	378	-	-	1,308	15,372
10.0"	24	2,760	2	230	8,235	7,170	6,350	320	22,075	40,434	9,059	11,544	16,574	1,123	38,299	78,733
Subtotal	7,646	26,251	637	2,188	44,733	36,357	37,631	103,941	222,661	\$384,570	\$49,206	\$58,534	\$98,216	\$364,834	\$570,790	\$955,360
Irrigation																
3/4"	18,366	18,366	1,531	1,531	36,113	40,263	43,731	39,990	160,097	\$269,062	\$39,724	\$64,823	\$114,138	\$140,365	\$359,051	\$628,113
1.0"	2,307	5,768	192	481	12,041	13,121	14,620	13,241	53,022	84,494	13,245	21,125	38,157	46,476	119,002	203,496
1.5"	230	1,150	19	96	2,354	2,208	2,668	4,204	11,434	16,848	2,589	3,555	6,963	14,756	27,864	44,711
2.0"	467	3,736	39	311	7,158	7,229	7,130	9,215	30,732	54,732	7,874	11,639	18,609	32,345	70,466	125,199
4.0"	8	200	1	17	8	-	-	-	8	2,930	9	-	-	-	9	2,939
6.0"	12	600	1	50	1,630	1,335	-	-	2,965	8,790	1,793	2,149	-	-	3,942	12,732
Subtotal	21,390	29,820	1,783	2,485	59,304	64,156	68,148	66,650	258,258	\$436,856	\$65,234	\$103,291	\$177,867	\$233,942	\$580,334	\$1,017,190
Total	101,313	128,347	8,443	10,696	258,766	187,220	153,598	198,039	797,622	\$1,880,284	\$284,643	\$301,423	\$400,890	\$695,116	\$1,682,072	\$3,562,356

**Schedule 1B
Water Outside Customer Statistics FY 2011/12**

Customer/ Meter Size	Annual		Average		Annual Billed Consumption (x 1,000 Gallons)					Base Charge Revenue	Usage Revenues				Usage Revenue	Total Revenue
	Accounts	EMCs	Accounts	EMCs	Block 1	Block 2	Block 3	Block 4	Total		Block 1	Block 2	Block 3	Block 4		
Residential																
3/4"	4,357	4,357	363	363	9,350	6,283	4,123	3,573	23,329	\$79,820	\$12,623	\$12,440	\$13,317	\$15,435	\$53,815	\$133,636
1.0"	61	61	5	5	178	168	137	687	1,170	1,118	240	333	443	2,968	3,983	5,101
1.5"	12	12	1	1	-	-	-	-	-	220	-	-	-	-	-	220
2.0"	12	12	1	1	36	37	13	12	98	220	49	73	42	52	216	436
Subtotal	4,442	4,442	370	370	9,564	6,488	4,273	4,272	24,597	\$81,377	\$12,911	\$12,846	\$13,802	\$18,455	\$58,014	\$139,392
General Service																
3/4"	240	240	20	20	386	283	286	875	1,830	4,397	\$521	\$560	\$924	\$3,780	\$5,785	\$10,182
1.0"	280	700	23	58	1,016	543	518	563	2,639	12,824	1,372	1,074	1,672	2,432	6,549	19,373
1.5"	73	365	6	30	459	153	182	199	993	6,687	620	303	588	860	2,370	9,057
2.0"	72	576	6	48	1,077	899	294	-	2,270	10,552	1,454	1,780	950	-	4,184	14,736
4.0"	12	300	1	25	439	66	-	-	505	5,496	593	131	-	-	723	6,219
6.0"	12	600	1	50	51	-	-	-	51	10,992	69	-	-	-	69	11,061
Subtotal	689	2,781	57	232	3,428	1,944	1,280	1,637	8,288	\$50,948	\$4,628	\$3,848	\$4,133	\$7,072	\$19,681	\$70,628
Irrigation																
3/4"	121	121	10	10	268	291	376	895	1,830	\$2,217	\$362	\$576	\$1,214	\$3,866	\$6,019	\$8,236
1.5"	13	65	1	5	144	156	214	162	676	1,191	194	309	691	700	1,894	3,085
Subtotal	134	186	11	16	412	447	590	1,057	2,506	\$3,408	\$556	\$885	\$1,906	\$4,566	\$7,913	\$11,321
Total	5,265	7,409	439	617	13,404	8,879	6,143	6,966	35,391	\$135,733	\$18,095	\$17,579	\$19,840	\$30,093	\$85,608	\$221,341
Total Water	106,578	135,756	8,882	11,313	272,170	196,098	159,740	205,005	833,013	\$2,016,016	\$302,738	\$319,003	\$420,730	\$725,209	\$1,767,680	\$3,783,697
Total Wastewater									497,728	\$1,689,841					\$1,511,689	\$3,201,530
Total Utility										\$3,705,857					\$3,279,370	\$6,985,227

Schedule 2A
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Water Inside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	12,144	16.90%	0	0.00%	12,144	16.90%	0	0.00%	71,861	100.00%	0	0.00%
1	7,589	10.56%	7,589	2.39%	19,733	27.46%	7,589	2.39%	59,717	83.10%	59,717	18.77%
2	10,939	15.22%	21,878	6.88%	30,672	42.68%	29,467	9.26%	52,128	72.54%	111,845	35.16%
3	10,157	14.13%	30,471	9.58%	40,829	56.82%	59,938	18.84%	41,189	57.32%	153,034	48.11%
4	7,984	11.11%	31,936	10.04%	48,813	67.93%	91,874	28.88%	31,032	43.18%	184,066	57.87%
5	5,380	7.49%	26,900	8.46%	54,193	75.41%	118,774	37.34%	23,048	32.07%	207,114	65.11%
6	3,918	5.45%	23,508	7.39%	58,111	80.87%	142,282	44.73%	17,668	24.59%	224,782	70.67%
7	2,655	3.69%	18,585	5.84%	60,766	84.56%	160,867	50.57%	13,750	19.13%	238,532	74.99%
8	1,933	2.69%	15,464	4.86%	62,699	87.25%	176,331	55.44%	11,095	15.44%	249,627	78.48%
9	1,496	2.08%	13,464	4.23%	64,195	89.33%	189,795	59.67%	9,162	12.75%	258,789	81.36%
10	1,169	1.63%	11,690	3.68%	65,364	90.96%	201,485	63.34%	7,666	10.67%	266,455	83.77%
11	901	1.25%	9,911	3.12%	66,265	92.21%	211,396	66.46%	6,497	9.04%	272,952	85.81%
12	789	1.10%	9,468	2.98%	67,054	93.31%	220,864	69.44%	5,596	7.79%	278,548	87.57%
13	622	0.87%	8,086	2.54%	67,676	94.18%	228,950	71.98%	4,807	6.69%	283,355	89.08%
14	577	0.80%	8,078	2.54%	68,253	94.98%	237,028	74.52%	4,185	5.82%	287,540	90.40%
15	417	0.58%	6,255	1.97%	68,670	95.56%	243,283	76.48%	3,608	5.02%	291,148	91.53%
16	403	0.56%	6,448	2.03%	69,073	96.12%	249,731	78.51%	3,191	4.44%	294,339	92.53%
17	307	0.43%	5,219	1.64%	69,380	96.55%	254,950	80.15%	2,788	3.88%	297,127	93.41%
18	275	0.38%	4,950	1.56%	69,655	96.93%	259,900	81.71%	2,481	3.45%	299,608	94.19%
19	250	0.35%	4,750	1.49%	69,905	97.28%	264,650	83.20%	2,206	3.07%	301,814	94.88%
20	261	0.36%	5,220	1.64%	70,166	97.64%	269,870	84.84%	1,956	2.72%	303,770	95.50%
25	828	1.15%	18,883	5.94%	70,994	98.79%	288,753	90.78%	1,695	2.36%	310,428	97.59%
30	407	0.57%	11,291	3.55%	71,401	99.36%	300,044	94.33%	867	1.21%	313,844	98.67%
35	209	0.29%	6,843	2.15%	71,610	99.65%	306,887	96.48%	460	0.64%	315,672	99.24%
40	113	0.16%	4,280	1.35%	71,723	99.81%	311,167	97.82%	251	0.35%	316,687	99.56%
45	47	0.07%	2,009	0.63%	71,770	99.87%	313,176	98.46%	138	0.19%	317,271	99.74%
50	38	0.05%	1,837	0.58%	71,808	99.93%	315,013	99.03%	91	0.13%	317,663	99.87%
75	53	0.07%	3,073	0.97%	71,861	100.00%	318,086	100.00%	53	0.07%	318,086	100.00%
80	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
100	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
125	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
150	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
200	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
300	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
400	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
500	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
600	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
700	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
800	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
900	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
1,000	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
1,000,000	0	0.00%	0	0.00%	71,861	100.00%	318,086	100.00%	0	0.00%	318,086	100.00%
	71,861		318,086									

Schedule 2B
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Water Inside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	151	18.92%	0	0.00%	151	18.92%	0	0.00%	798	100.00%	0	0.00%
1	79	9.90%	79	1.74%	230	28.82%	79	1.74%	647	81.08%	647	14.21%
2	90	11.28%	180	3.95%	320	40.10%	259	5.69%	568	71.18%	1,215	26.69%
3	85	10.65%	255	5.60%	405	50.75%	514	11.29%	478	59.90%	1,693	37.18%
4	61	7.64%	244	5.36%	466	58.40%	758	16.65%	393	49.25%	2,086	45.82%
5	68	8.52%	340	7.47%	534	66.92%	1,098	24.12%	332	41.60%	2,418	53.11%
6	47	5.89%	282	6.19%	581	72.81%	1,380	30.31%	264	33.08%	2,682	58.91%
7	37	4.64%	259	5.69%	618	77.44%	1,639	36.00%	217	27.19%	2,899	63.67%
8	28	3.51%	224	4.92%	646	80.95%	1,863	40.92%	180	22.56%	3,079	67.63%
9	16	2.01%	144	3.16%	662	82.96%	2,007	44.08%	152	19.05%	3,231	70.96%
10	23	2.88%	230	5.05%	685	85.84%	2,237	49.13%	136	17.04%	3,367	73.95%
11	13	1.63%	143	3.14%	698	87.47%	2,380	52.27%	113	14.16%	3,480	76.43%
12	21	2.63%	252	5.53%	719	90.10%	2,632	57.81%	100	12.53%	3,580	78.63%
13	8	1.00%	104	2.28%	727	91.10%	2,736	60.09%	79	9.90%	3,659	80.36%
14	7	0.88%	98	2.15%	734	91.98%	2,834	62.24%	71	8.90%	3,730	81.92%
15	4	0.50%	60	1.32%	738	92.48%	2,894	63.56%	64	8.02%	3,794	83.33%
16	6	0.75%	96	2.11%	744	93.23%	2,990	65.67%	60	7.52%	3,854	84.65%
17	5	0.63%	85	1.87%	749	93.86%	3,075	67.54%	54	6.77%	3,908	85.83%
18	1	0.13%	18	0.40%	750	93.98%	3,093	67.93%	49	6.14%	3,957	86.91%
19	3	0.38%	57	1.25%	753	94.36%	3,150	69.19%	48	6.02%	4,005	87.96%
20	1	0.13%	20	0.44%	754	94.49%	3,170	69.62%	45	5.64%	4,050	88.95%
25	16	2.01%	361	7.93%	770	96.49%	3,531	77.55%	44	5.51%	4,231	92.93%
30	12	1.50%	324	7.12%	782	97.99%	3,855	84.67%	28	3.51%	4,335	95.21%
35	7	0.88%	227	4.99%	789	98.87%	4,082	89.66%	16	2.01%	4,397	96.57%
40	4	0.50%	154	3.38%	793	99.37%	4,236	93.04%	9	1.13%	4,436	97.43%
45	2	0.25%	86	1.89%	795	99.62%	4,322	94.93%	5	0.63%	4,457	97.89%
50	1	0.13%	49	1.08%	796	99.75%	4,371	96.00%	3	0.38%	4,471	98.20%
75	0	0.00%	0	0.00%	796	99.75%	4,371	96.00%	2	0.25%	4,521	99.30%
80	0	0.00%	0	0.00%	796	99.75%	4,371	96.00%	2	0.25%	4,531	99.52%
100	2	0.25%	182	4.00%	798	100.00%	4,553	100.00%	2	0.25%	4,553	100.00%
125	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
150	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
200	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
300	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
400	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
500	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
600	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
700	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
800	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
900	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
1,000	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
1,000,000	0	0.00%	0	0.00%	798	100.00%	4,553	100.00%	0	0.00%	4,553	100.00%
			798				4,553					

Schedule 2C
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Water Inside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	11	91.67%	0	0.00%	11	91.67%	0	0.00%	12	100.00%	0	0.00%
1	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	1	16.67%
2	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	2	33.33%
3	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	3	50.00%
4	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	4	66.67%
5	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	5	83.33%
6	1	8.33%	6	100.00%	12	100.00%	6	100.00%	1	8.33%	6	100.00%
7	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
8	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
9	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
10	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
11	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
12	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
13	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
14	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
15	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
16	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
17	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
18	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
19	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
20	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
25	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
30	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
35	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
40	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
45	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
50	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
75	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
80	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
100	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
125	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
150	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
200	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
300	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
400	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
500	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
600	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
700	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
800	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
900	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
1,000,000	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
	12		6									

Schedule 3A
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Water Outside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	809	18.57%	0	0.00%	809	18.57%	0	0.00%	4,357	100.00%	0	0.00%
1	391	8.97%	391	1.68%	1,200	27.54%	391	1.68%	3,548	81.43%	3,548	15.21%
2	512	11.75%	1,024	4.39%	1,712	39.29%	1,415	6.07%	3,157	72.46%	6,705	28.74%
3	508	11.66%	1,524	6.53%	2,220	50.95%	2,939	12.60%	2,645	60.71%	9,350	40.08%
4	450	10.33%	1,800	7.72%	2,670	61.28%	4,739	20.31%	2,137	49.05%	11,487	49.24%
5	324	7.44%	1,620	6.94%	2,994	68.72%	6,359	27.26%	1,687	38.72%	13,174	56.47%
6	267	6.13%	1,602	6.87%	3,261	74.85%	7,961	34.12%	1,363	31.28%	14,537	62.31%
7	195	4.48%	1,365	5.85%	3,456	79.32%	9,326	39.98%	1,096	25.15%	15,633	67.01%
8	133	3.05%	1,064	4.56%	3,589	82.37%	10,390	44.54%	901	20.68%	16,534	70.87%
9	121	2.78%	1,089	4.67%	3,710	85.15%	11,479	49.20%	768	17.63%	17,302	74.17%
10	104	2.39%	1,040	4.46%	3,814	87.54%	12,519	53.66%	647	14.85%	17,949	76.94%
11	65	1.49%	715	3.06%	3,879	89.03%	13,234	56.73%	543	12.46%	18,492	79.27%
12	57	1.31%	684	2.93%	3,936	90.34%	13,918	59.66%	478	10.97%	18,970	81.32%
13	56	1.29%	728	3.12%	3,992	91.62%	14,646	62.78%	421	9.66%	19,391	83.12%
14	46	1.06%	644	2.76%	4,038	92.68%	15,290	65.54%	365	8.38%	19,756	84.68%
15	29	0.67%	435	1.86%	4,067	93.34%	15,725	67.41%	319	7.32%	20,075	86.05%
16	28	0.64%	448	1.92%	4,095	93.99%	16,173	69.33%	290	6.66%	20,365	87.29%
17	23	0.53%	391	1.68%	4,118	94.51%	16,564	71.00%	262	6.01%	20,627	88.42%
18	20	0.46%	360	1.54%	4,138	94.97%	16,924	72.54%	239	5.49%	20,866	89.44%
19	22	0.50%	418	1.79%	4,160	95.48%	17,342	74.34%	219	5.03%	21,085	90.38%
20	24	0.55%	480	2.06%	4,184	96.03%	17,822	76.39%	197	4.52%	21,282	91.23%
25	65	1.49%	1,480	6.34%	4,249	97.52%	19,302	82.74%	173	3.97%	22,002	94.31%
30	35	0.80%	977	4.19%	4,284	98.32%	20,279	86.93%	108	2.48%	22,469	96.31%
35	28	0.64%	924	3.96%	4,312	98.97%	21,203	90.89%	73	1.68%	22,778	97.64%
40	15	0.34%	565	2.42%	4,327	99.31%	21,768	93.31%	45	1.03%	22,968	98.45%
45	10	0.23%	422	1.81%	4,337	99.54%	22,190	95.12%	30	0.69%	23,090	98.98%
50	7	0.16%	336	1.44%	4,344	99.70%	22,526	96.56%	20	0.46%	23,176	99.34%
75	13	0.30%	803	3.44%	4,357	100.00%	23,329	100.00%	13	0.30%	23,329	100.00%
80	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
100	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
125	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
150	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
200	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
300	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
400	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
500	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
600	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
700	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
800	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
900	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
1,000	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
1,000,000	0	0.00%	0	0.00%	4,357	100.00%	23,329	100.00%	0	0.00%	23,329	100.00%
	4,357		23,329									

Schedule 3B
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Water Outside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	61	100.00%	0	0.00%
1	1	1.64%	1	0.09%	1	1.64%	1	0.09%	61	100.00%	61	5.21%
2	3	4.92%	6	0.51%	4	6.56%	7	0.60%	60	98.36%	121	10.34%
3	5	8.20%	15	1.28%	9	14.75%	22	1.88%	57	93.44%	178	15.21%
4	4	6.56%	16	1.37%	13	21.31%	38	3.25%	52	85.25%	230	19.66%
5	10	16.39%	50	4.27%	23	37.70%	88	7.52%	48	78.69%	278	23.76%
6	8	13.11%	48	4.10%	31	50.82%	136	11.62%	38	62.30%	316	27.01%
7	3	4.92%	21	1.79%	34	55.74%	157	13.42%	30	49.18%	346	29.57%
8	5	8.20%	40	3.42%	39	63.93%	197	16.84%	27	44.26%	373	31.88%
9	1	1.64%	9	0.77%	40	65.57%	206	17.61%	22	36.07%	395	33.76%
10	2	3.28%	20	1.71%	42	68.85%	226	19.32%	21	34.43%	416	35.56%
11	1	1.64%	11	0.94%	43	70.49%	237	20.26%	19	31.15%	435	37.18%
12	3	4.92%	36	3.08%	46	75.41%	273	23.33%	18	29.51%	453	38.72%
13	0	0.00%	0	0.00%	46	75.41%	273	23.33%	15	24.59%	468	40.00%
14	1	1.64%	14	1.20%	47	77.05%	287	24.53%	15	24.59%	483	41.28%
15	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	497	42.48%
16	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	511	43.68%
17	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	525	44.87%
18	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	539	46.07%
19	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	553	47.26%
20	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	567	48.46%
25	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	637	54.44%
30	0	0.00%	0	0.00%	47	77.05%	287	24.53%	14	22.95%	707	60.43%
35	1	1.64%	31	2.65%	48	78.69%	318	27.18%	14	22.95%	773	66.07%
40	0	0.00%	0	0.00%	48	78.69%	318	27.18%	13	21.31%	838	71.62%
45	2	3.28%	83	7.09%	50	81.97%	401	34.27%	13	21.31%	896	76.58%
50	0	0.00%	0	0.00%	50	81.97%	401	34.27%	11	18.03%	951	81.28%
75	8	13.11%	513	43.85%	58	95.08%	914	78.12%	11	18.03%	1,139	97.35%
80	2	3.28%	159	13.59%	60	98.36%	1,073	91.71%	3	4.92%	1,153	98.55%
100	1	1.64%	97	8.29%	61	100.00%	1,170	100.00%	1	1.64%	1,170	100.00%
125	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
150	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
200	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
300	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
400	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
500	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
600	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
700	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
800	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
900	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
1,000	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
1,000,000	0	0.00%	0	0.00%	61	100.00%	1,170	100.00%	0	0.00%	1,170	100.00%
	61		1,170									

Schedule 3C
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Water Outside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	12	100.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!
1	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
2	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
3	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
4	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
5	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
6	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
7	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
8	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
9	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
10	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
11	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
12	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
13	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
14	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
15	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
16	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
17	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
18	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
19	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
20	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
25	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
30	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
35	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
40	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
45	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
50	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
75	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
80	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
100	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
125	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
150	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
200	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
300	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
400	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
500	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
600	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
700	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
800	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
900	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
1,000	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
1,000,000	0	0.00%	0	#DIV/0!	12	100.00%	0	#DIV/0!	0	0.00%	0	#DIV/0!
	12		0									

Schedule 3D
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Water Outside 2 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	0	0.00%
1	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	12	12.24%
2	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	24	24.49%
3	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	36	36.73%
4	1	8.33%	4	4.08%	1	8.33%	4	4.08%	12	100.00%	48	48.98%
5	3	25.00%	15	15.31%	4	33.33%	19	19.39%	11	91.67%	59	60.20%
6	2	16.67%	12	12.24%	6	50.00%	31	31.63%	8	66.67%	67	68.37%
7	3	25.00%	21	21.43%	9	75.00%	52	53.06%	6	50.00%	73	74.49%
8	1	8.33%	8	8.16%	10	83.33%	60	61.22%	3	25.00%	76	77.55%
9	0	0.00%	0	0.00%	10	83.33%	60	61.22%	2	16.67%	78	79.59%
10	0	0.00%	0	0.00%	10	83.33%	60	61.22%	2	16.67%	80	81.63%
11	0	0.00%	0	0.00%	10	83.33%	60	61.22%	2	16.67%	82	83.67%
12	1	8.33%	12	12.24%	11	91.67%	72	73.47%	2	16.67%	84	85.71%
13	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	85	86.73%
14	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	86	87.76%
15	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	87	88.78%
16	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	88	89.80%
17	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	89	90.82%
18	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	90	91.84%
19	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	91	92.86%
20	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	92	93.88%
25	0	0.00%	0	0.00%	11	91.67%	72	73.47%	1	8.33%	97	98.98%
30	1	8.33%	26	26.53%	12	100.00%	98	100.00%	1	8.33%	98	100.00%
35	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
40	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
45	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
50	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
75	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
80	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
100	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
125	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
150	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
200	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
300	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
400	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
500	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
600	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
700	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
800	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
900	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
1,000,000	0	0.00%	0	0.00%	12	100.00%	98	100.00%	0	0.00%	98	100.00%
			12				98					

Schedule 4A
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	1,937	39.34%	(5)	-0.01%	1,937	39.34%	(5)	-0.01%	4,924	100.00%	0	0.00%
1	915	18.58%	915	2.51%	2,852	57.92%	910	2.49%	2,987	60.66%	2,982	8.16%
2	422	8.57%	844	2.31%	3,274	66.49%	1,754	4.80%	2,072	42.08%	5,054	13.84%
3	240	4.87%	720	1.97%	3,514	71.36%	2,474	6.77%	1,650	33.51%	6,704	18.35%
4	218	4.43%	872	2.39%	3,732	75.79%	3,346	9.16%	1,410	28.64%	8,114	22.21%
5	144	2.92%	720	1.97%	3,876	78.72%	4,066	11.13%	1,192	24.21%	9,306	25.48%
6	102	2.07%	612	1.68%	3,978	80.79%	4,678	12.81%	1,048	21.28%	10,354	28.35%
7	65	1.32%	455	1.25%	4,043	82.11%	5,133	14.05%	946	19.21%	11,300	30.94%
8	69	1.40%	552	1.51%	4,112	83.51%	5,685	15.56%	881	17.89%	12,181	33.35%
9	73	1.48%	657	1.80%	4,185	84.99%	6,342	17.36%	812	16.49%	12,993	35.57%
10	57	1.16%	570	1.56%	4,242	86.15%	6,912	18.92%	739	15.01%	13,732	37.60%
11	52	1.06%	572	1.57%	4,294	87.21%	7,484	20.49%	682	13.85%	14,414	39.46%
12	42	0.85%	504	1.38%	4,336	88.06%	7,988	21.87%	630	12.79%	15,044	41.19%
13	45	0.91%	585	1.60%	4,381	88.97%	8,573	23.47%	588	11.94%	15,632	42.80%
14	43	0.87%	602	1.65%	4,424	89.85%	9,175	25.12%	543	11.03%	16,175	44.28%
15	46	0.93%	690	1.89%	4,470	90.78%	9,865	27.01%	500	10.15%	16,675	45.65%
16	30	0.61%	480	1.31%	4,500	91.39%	10,345	28.32%	454	9.22%	17,129	46.90%
17	32	0.65%	544	1.49%	4,532	92.04%	10,889	29.81%	424	8.61%	17,553	48.06%
18	27	0.55%	486	1.33%	4,559	92.59%	11,375	31.14%	392	7.96%	17,945	49.13%
19	25	0.51%	475	1.30%	4,584	93.10%	11,850	32.44%	365	7.41%	18,310	50.13%
20	24	0.49%	480	1.31%	4,608	93.58%	12,330	33.76%	340	6.90%	18,650	51.06%
25	72	1.46%	1,643	4.50%	4,680	95.04%	13,973	38.25%	316	6.42%	20,073	54.96%
30	31	0.63%	863	2.36%	4,711	95.67%	14,836	40.62%	244	4.96%	21,226	58.11%
35	32	0.65%	1,045	2.86%	4,743	96.32%	15,881	43.48%	213	4.33%	22,216	60.82%
40	20	0.41%	757	2.07%	4,763	96.73%	16,638	45.55%	181	3.68%	23,078	63.18%
45	17	0.35%	735	2.01%	4,780	97.08%	17,373	47.56%	161	3.27%	23,853	65.30%
50	6	0.12%	285	0.78%	4,786	97.20%	17,658	48.34%	144	2.92%	24,558	67.23%
75	44	0.89%	2,659	7.28%	4,830	98.09%	20,317	55.62%	138	2.80%	27,367	74.92%
80	5	0.10%	388	1.06%	4,835	98.19%	20,705	56.69%	94	1.91%	27,825	76.18%
100	14	0.28%	1,227	3.36%	4,849	98.48%	21,932	60.04%	89	1.81%	29,432	80.58%
125	11	0.22%	1,222	3.35%	4,860	98.70%	23,154	63.39%	75	1.52%	31,154	85.29%
150	13	0.26%	1,757	4.81%	4,873	98.96%	24,911	68.20%	64	1.30%	32,561	89.14%
200	27	0.55%	4,705	12.88%	4,900	99.51%	29,616	81.08%	51	1.04%	34,416	94.22%
300	11	0.22%	2,403	6.58%	4,911	99.74%	32,019	87.66%	24	0.49%	35,919	98.34%
400	13	0.26%	4,507	12.34%	4,924	100.00%	36,526	100.00%	13	0.26%	36,526	100.00%
500	0	0.00%	0	0.00%	4,924	100.00%	36,526	100.00%	0	0.00%	36,526	100.00%
600	0	0.00%	0	0.00%	4,924	100.00%	36,526	100.00%	0	0.00%	36,526	100.00%
700	0	0.00%	0	0.00%	4,924	100.00%	36,526	100.00%	0	0.00%	36,526	100.00%
800	0	0.00%	0	0.00%	4,924	100.00%	36,526	100.00%	0	0.00%	36,526	100.00%
900	0	0.00%	0	0.00%	4,924	100.00%	36,526	100.00%	0	0.00%	36,526	100.00%
1,000	0	0.00%	0	0.00%	4,924	100.00%	36,526	100.00%	0	0.00%	36,526	100.00%
1,000,000	0	0.00%	0	0.00%	4,924	100.00%	36,526	100.00%	0	0.00%	36,526	100.00%
	4,924		36,526									

Schedule 4B
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	217	16.60%	0	0.00%	217	16.60%	0	0.00%	1,307	100.00%	0	0.00%
3	293	22.42%	431	2.85%	510	39.02%	431	2.85%	1,090	83.40%	2,424	16.04%
5	233	17.83%	902	5.97%	743	56.85%	1,333	8.82%	797	60.98%	4,153	27.49%
8	79	6.04%	502	3.32%	822	62.89%	1,835	12.15%	564	43.15%	5,473	36.22%
10	93	7.12%	841	5.57%	915	70.01%	2,676	17.71%	485	37.11%	6,596	43.66%
13	35	2.68%	399	2.64%	950	72.69%	3,075	20.35%	392	29.99%	7,538	49.89%
15	58	4.44%	806	5.34%	1,008	77.12%	3,881	25.69%	357	27.31%	8,366	55.38%
18	31	2.37%	510	3.38%	1,039	79.50%	4,391	29.07%	299	22.88%	9,081	60.11%
20	53	4.06%	1,004	6.65%	1,092	83.55%	5,395	35.71%	268	20.50%	9,695	64.18%
23	21	1.61%	453	3.00%	1,113	85.16%	5,848	38.71%	215	16.45%	10,213	67.60%
25	24	1.84%	579	3.83%	1,137	86.99%	6,427	42.54%	194	14.84%	10,677	70.68%
28	20	1.53%	529	3.50%	1,157	88.52%	6,956	46.04%	170	13.01%	11,081	73.35%
30	20	1.53%	579	3.83%	1,177	90.05%	7,535	49.88%	150	11.48%	11,435	75.69%
33	12	0.92%	377	2.50%	1,189	90.97%	7,912	52.37%	130	9.95%	11,747	77.76%
35	20	1.53%	680	4.50%	1,209	92.50%	8,592	56.87%	118	9.03%	12,022	79.58%
38	6	0.46%	218	1.44%	1,215	92.96%	8,810	58.32%	98	7.50%	12,260	81.15%
40	17	1.30%	662	4.38%	1,232	94.26%	9,472	62.70%	92	7.04%	12,472	82.56%
43	6	0.46%	250	1.65%	1,238	94.72%	9,722	64.35%	75	5.74%	12,655	83.77%
45	6	0.46%	263	1.74%	1,244	95.18%	9,985	66.10%	69	5.28%	12,820	84.86%
48	4	0.31%	187	1.24%	1,248	95.49%	10,172	67.33%	63	4.82%	12,975	85.88%
50	6	0.46%	296	1.96%	1,254	95.94%	10,468	69.29%	59	4.51%	13,118	86.83%
63	14	1.07%	786	5.20%	1,268	97.02%	11,254	74.50%	53	4.06%	13,692	90.63%
75	13	0.99%	871	5.77%	1,281	98.01%	12,125	80.26%	39	2.98%	14,075	93.17%
88	12	0.92%	956	6.33%	1,293	98.93%	13,081	86.59%	26	1.99%	14,306	94.70%
100	5	0.38%	466	3.08%	1,298	99.31%	13,547	89.67%	14	1.07%	14,447	95.63%
113	4	0.31%	422	2.79%	1,302	99.62%	13,969	92.47%	9	0.69%	14,532	96.19%
125	2	0.15%	235	1.56%	1,304	99.77%	14,204	94.02%	5	0.38%	14,579	96.50%
188	2	0.15%	336	2.22%	1,306	99.92%	14,540	96.25%	3	0.23%	14,728	97.49%
200	0	0.00%	0	0.00%	1,306	99.92%	14,540	96.25%	1	0.08%	14,740	97.57%
250	0	0.00%	0	0.00%	1,306	99.92%	14,540	96.25%	1	0.08%	14,790	97.90%
313	0	0.00%	0	0.00%	1,306	99.92%	14,540	96.25%	1	0.08%	14,853	98.32%
375	0	0.00%	0	0.00%	1,306	99.92%	14,540	96.25%	1	0.08%	14,915	98.73%
500	0	0.00%	0	0.00%	1,306	99.92%	14,540	96.25%	1	0.08%	15,040	99.56%
750	1	0.08%	567	3.75%	1,307	100.00%	15,107	100.00%	1	0.08%	15,107	100.00%
1,000	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
1,250	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
1,500	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
1,750	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
2,000	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
2,250	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
2,500	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
2,500,000	0	0.00%	0	0.00%	1,307	100.00%	15,107	100.00%	0	0.00%	15,107	100.00%
	1,307		15,107									

Schedule 4C
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	60	11.63%	0	0.00%	60	11.63%	0	0.00%	516	100.00%	0	0.00%
5	105	20.35%	312	1.61%	165	31.98%	312	1.61%	456	88.37%	2,067	10.66%
10	34	6.59%	254	1.31%	199	38.57%	566	2.92%	351	68.02%	3,736	19.27%
15	28	5.43%	369	1.90%	227	43.99%	935	4.82%	317	61.43%	5,270	27.18%
20	49	9.50%	862	4.45%	276	53.49%	1,797	9.27%	289	56.01%	6,597	34.02%
25	36	6.98%	803	4.14%	312	60.47%	2,600	13.41%	240	46.51%	7,700	39.71%
30	26	5.04%	731	3.77%	338	65.50%	3,331	17.18%	204	39.53%	8,671	44.72%
35	20	3.88%	671	3.46%	358	69.38%	4,002	20.64%	178	34.50%	9,532	49.16%
40	17	3.29%	655	3.38%	375	72.67%	4,657	24.02%	158	30.62%	10,297	53.10%
45	19	3.68%	809	4.17%	394	76.36%	5,466	28.19%	141	27.33%	10,956	56.50%
50	10	1.94%	480	2.48%	404	78.29%	5,946	30.67%	122	23.64%	11,546	59.55%
55	12	2.33%	640	3.30%	416	80.62%	6,586	33.97%	112	21.71%	12,086	62.33%
60	5	0.97%	288	1.49%	421	81.59%	6,874	35.45%	100	19.38%	12,574	64.85%
65	7	1.36%	440	2.27%	428	82.95%	7,314	37.72%	95	18.41%	13,034	67.22%
70	5	0.97%	344	1.77%	433	83.91%	7,658	39.49%	88	17.05%	13,468	69.46%
75	2	0.39%	147	0.76%	435	84.30%	7,805	40.25%	83	16.09%	13,880	71.58%
80	5	0.97%	392	2.02%	440	85.27%	8,197	42.27%	81	15.70%	14,277	73.63%
85	3	0.58%	250	1.29%	443	85.85%	8,447	43.56%	76	14.73%	14,652	75.56%
90	9	1.74%	794	4.09%	452	87.60%	9,241	47.66%	73	14.15%	15,001	77.36%
95	2	0.39%	182	0.94%	454	87.98%	9,423	48.60%	64	12.40%	15,313	78.97%
100	4	0.78%	386	1.99%	458	88.76%	9,809	50.59%	62	12.02%	15,609	80.50%
125	22	4.26%	2,494	12.86%	480	93.02%	12,303	63.45%	58	11.24%	16,803	86.66%
150	10	1.94%	1,307	6.74%	490	94.96%	13,610	70.19%	36	6.98%	17,510	90.30%
175	7	1.36%	1,148	5.92%	497	96.32%	14,758	76.11%	26	5.04%	18,083	93.26%
200	5	0.97%	971	5.01%	502	97.29%	15,729	81.12%	19	3.68%	18,529	95.56%
225	5	0.97%	1,040	5.36%	507	98.26%	16,769	86.48%	14	2.71%	18,794	96.93%
250	2	0.39%	489	2.52%	509	98.64%	17,258	89.00%	9	1.74%	19,008	98.03%
375	6	1.16%	1,701	8.77%	515	99.81%	18,959	97.78%	7	1.36%	19,334	99.71%
400	0	0.00%	0	0.00%	515	99.81%	18,959	97.78%	1	0.19%	19,359	99.84%
500	1	0.19%	431	2.22%	516	100.00%	19,390	100.00%	1	0.19%	19,390	100.00%
625	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
750	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
1,000	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
1,500	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
2,000	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
2,500	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
3,000	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
3,500	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
4,000	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
4,500	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
5,000	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
5,000,000	0	0.00%	0	0.00%	516	100.00%	19,390	100.00%	0	0.00%	19,390	100.00%
	516		19,390									

Schedule 4D
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 2 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	123	16.31%	0	0.00%	123	16.31%	0	0.00%	754	100.00%	0	0.00%
8	172	22.81%	579	0.71%	295	39.12%	579	0.71%	631	83.69%	4,251	5.21%
16	52	6.90%	645	0.79%	347	46.02%	1,224	1.50%	459	60.88%	7,736	9.48%
24	47	6.23%	923	1.13%	394	52.25%	2,147	2.63%	407	53.98%	10,787	13.21%
32	14	1.86%	387	0.47%	408	54.11%	2,534	3.10%	360	47.75%	13,606	16.67%
40	16	2.12%	588	0.72%	424	56.23%	3,122	3.82%	346	45.89%	16,322	19.99%
48	19	2.52%	847	1.04%	443	58.75%	3,969	4.86%	330	43.77%	18,897	23.15%
56	21	2.79%	1,121	1.37%	464	61.54%	5,090	6.24%	311	41.25%	21,330	26.13%
64	24	3.18%	1,480	1.81%	488	64.72%	6,570	8.05%	290	38.46%	23,594	28.90%
72	28	3.71%	1,948	2.39%	516	68.44%	8,518	10.43%	266	35.28%	25,654	31.43%
80	13	1.72%	986	1.21%	529	70.16%	9,504	11.64%	238	31.56%	27,504	33.69%
88	14	1.86%	1,199	1.47%	543	72.02%	10,703	13.11%	225	29.84%	29,271	35.86%
96	17	2.25%	1,575	1.93%	560	74.27%	12,278	15.04%	211	27.98%	30,902	37.85%
104	11	1.46%	1,095	1.34%	571	75.73%	13,373	16.38%	194	25.73%	32,405	39.70%
112	8	1.06%	866	1.06%	579	76.79%	14,239	17.44%	183	24.27%	33,839	41.45%
120	12	1.59%	1,408	1.72%	591	78.38%	15,647	19.17%	175	23.21%	35,207	43.13%
128	13	1.72%	1,617	1.98%	604	80.11%	17,264	21.15%	163	21.62%	36,464	44.67%
136	5	0.66%	656	0.80%	609	80.77%	17,920	21.95%	150	19.89%	37,640	46.11%
144	11	1.46%	1,547	1.90%	620	82.23%	19,467	23.85%	145	19.23%	38,763	47.48%
152	8	1.06%	1,201	1.47%	628	83.29%	20,668	25.32%	134	17.77%	39,820	48.78%
160	8	1.06%	1,265	1.55%	636	84.35%	21,933	26.87%	126	16.71%	40,813	50.00%
200	28	3.71%	4,982	6.10%	664	88.06%	26,915	32.97%	118	15.65%	44,915	55.02%
240	7	0.93%	1,537	1.88%	671	88.99%	28,452	34.85%	90	11.94%	48,372	59.25%
280	4	0.53%	1,071	1.31%	675	89.52%	29,523	36.17%	83	11.01%	51,643	63.26%
320	6	0.80%	1,797	2.20%	681	90.32%	31,320	38.37%	79	10.48%	54,680	66.98%
360	1	0.13%	341	0.42%	682	90.45%	31,661	38.78%	73	9.68%	57,581	70.54%
400	6	0.80%	2,304	2.82%	688	91.25%	33,965	41.61%	72	9.55%	60,365	73.95%
600	27	3.58%	13,657	16.73%	715	94.83%	47,622	58.34%	66	8.75%	71,022	87.00%
640	7	0.93%	4,253	5.21%	722	95.76%	51,875	63.55%	39	5.17%	72,355	88.63%
800	14	1.86%	10,325	12.65%	736	97.61%	62,200	76.19%	32	4.24%	76,600	93.83%
1,000	6	0.80%	5,105	6.25%	742	98.41%	67,305	82.45%	18	2.39%	79,305	97.15%
1,200	8	1.06%	9,124	11.18%	750	99.47%	76,429	93.62%	12	1.59%	81,229	99.50%
1,600	4	0.53%	5,205	6.38%	754	100.00%	81,634	100.00%	4	0.53%	81,634	100.00%
2,400	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
3,200	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
4,000	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
4,800	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
5,600	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
6,400	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
7,200	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
8,000	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
8,000,000	0	0.00%	0	0.00%	754	100.00%	81,634	100.00%	0	0.00%	81,634	100.00%
	754		81,634									

Schedule 4E
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 3 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	7	9.59%	0	0.00%	7	9.59%	0	0.00%	73	100.00%	0	0.00%
15	27	36.99%	125	1.02%	34	46.58%	125	1.02%	66	90.41%	710	5.78%
30	2	2.74%	34	0.28%	36	49.32%	159	1.29%	39	53.42%	1,269	10.32%
45	5	6.85%	218	1.77%	41	56.16%	377	3.07%	37	50.68%	1,817	14.78%
60	7	9.59%	372	3.03%	48	65.75%	749	6.09%	32	43.84%	2,249	18.30%
75	1	1.37%	68	0.55%	49	67.12%	817	6.65%	25	34.25%	2,617	21.29%
90	0	0.00%	0	0.00%	49	67.12%	817	6.65%	24	32.88%	2,977	24.22%
105	1	1.37%	100	0.81%	50	68.49%	917	7.46%	24	32.88%	3,332	27.11%
120	0	0.00%	0	0.00%	50	68.49%	917	7.46%	23	31.51%	3,677	29.91%
135	0	0.00%	0	0.00%	50	68.49%	917	7.46%	23	31.51%	4,022	32.72%
150	0	0.00%	0	0.00%	50	68.49%	917	7.46%	23	31.51%	4,367	35.53%
165	0	0.00%	0	0.00%	50	68.49%	917	7.46%	23	31.51%	4,712	38.33%
180	0	0.00%	0	0.00%	50	68.49%	917	7.46%	23	31.51%	5,057	41.14%
195	0	0.00%	0	0.00%	50	68.49%	917	7.46%	23	31.51%	5,402	43.95%
210	1	1.37%	200	1.63%	51	69.86%	1,117	9.09%	23	31.51%	5,737	46.67%
225	0	0.00%	0	0.00%	51	69.86%	1,117	9.09%	22	30.14%	6,067	49.36%
240	0	0.00%	0	0.00%	51	69.86%	1,117	9.09%	22	30.14%	6,397	52.04%
255	0	0.00%	0	0.00%	51	69.86%	1,117	9.09%	22	30.14%	6,727	54.73%
270	2	2.74%	516	4.20%	53	72.60%	1,633	13.29%	22	30.14%	7,033	57.22%
285	3	4.11%	832	6.77%	56	76.71%	2,465	20.05%	20	27.40%	7,310	59.47%
300	2	2.74%	590	4.80%	58	79.45%	3,055	24.85%	17	23.29%	7,555	61.46%
375	4	5.48%	1,359	11.06%	62	84.93%	4,414	35.91%	15	20.55%	8,539	69.47%
450	1	1.37%	377	3.07%	63	86.30%	4,791	38.98%	11	15.07%	9,291	75.59%
525	3	4.11%	1,391	11.32%	66	90.41%	6,182	50.29%	10	13.70%	9,857	80.19%
600	1	1.37%	592	4.82%	67	91.78%	6,774	55.11%	7	9.59%	10,374	84.40%
675	0	0.00%	0	0.00%	67	91.78%	6,774	55.11%	6	8.22%	10,824	88.06%
750	3	4.11%	2,095	17.04%	70	95.89%	8,869	72.15%	6	8.22%	11,119	90.46%
1,125	2	2.74%	1,922	15.64%	72	98.63%	10,791	87.79%	3	4.11%	11,916	96.94%
1,200	0	0.00%	0	0.00%	72	98.63%	10,791	87.79%	1	1.37%	11,991	97.55%
1,500	0	0.00%	0	0.00%	72	98.63%	10,791	87.79%	1	1.37%	12,291	99.99%
1,875	1	1.37%	1,501	12.21%	73	100.00%	12,292	100.00%	1	1.37%	12,292	100.00%
2,250	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
3,000	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
4,500	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
6,000	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
7,500	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
9,000	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
10,500	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
12,000	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
13,500	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
15,000	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
15,000,000	0	0.00%	0	0.00%	73	100.00%	12,292	100.00%	0	0.00%	12,292	100.00%
	73		12,292									

Schedule 4F
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	27	16.17%	0	0.00%	27	16.17%	0	0.00%	167	100.00%	0	0.00%
25	56	33.53%	590	1.52%	83	49.70%	590	1.52%	140	83.83%	2,690	6.92%
50	30	17.96%	988	2.54%	113	67.66%	1,578	4.06%	84	50.30%	4,278	11.01%
75	5	2.99%	289	0.74%	118	70.66%	1,867	4.80%	54	32.34%	5,542	14.26%
100	4	2.40%	320	0.82%	122	73.05%	2,187	5.63%	49	29.34%	6,687	17.21%
125	1	0.60%	113	0.29%	123	73.65%	2,300	5.92%	45	26.95%	7,800	20.07%
150	1	0.60%	144	0.37%	124	74.25%	2,444	6.29%	44	26.35%	8,894	22.89%
175	0	0.00%	0	0.00%	124	74.25%	2,444	6.29%	43	25.75%	9,969	25.65%
200	1	0.60%	183	0.47%	125	74.85%	2,627	6.76%	43	25.75%	11,027	28.38%
225	5	2.99%	1,074	2.76%	130	77.84%	3,701	9.52%	42	25.15%	12,026	30.95%
250	3	1.80%	701	1.80%	133	79.64%	4,402	11.33%	37	22.16%	12,902	33.20%
275	0	0.00%	0	0.00%	133	79.64%	4,402	11.33%	34	20.36%	13,752	35.39%
300	1	0.60%	281	0.72%	134	80.24%	4,683	12.05%	34	20.36%	14,583	37.53%
325	2	1.20%	628	1.62%	136	81.44%	5,311	13.67%	33	19.76%	15,386	39.59%
350	5	2.99%	1,656	4.26%	141	84.43%	6,967	17.93%	31	18.56%	16,067	41.35%
375	0	0.00%	0	0.00%	141	84.43%	6,967	17.93%	26	15.57%	16,717	43.02%
400	1	0.60%	377	0.97%	142	85.03%	7,344	18.90%	26	15.57%	17,344	44.63%
425	0	0.00%	0	0.00%	142	85.03%	7,344	18.90%	25	14.97%	17,969	46.24%
450	2	1.20%	873	2.25%	144	86.23%	8,217	21.15%	25	14.97%	18,567	47.78%
475	1	0.60%	472	1.21%	145	86.83%	8,689	22.36%	23	13.77%	19,139	49.25%
500	0	0.00%	0	0.00%	145	86.83%	8,689	22.36%	22	13.17%	19,689	50.67%
625	4	2.40%	2,214	5.70%	149	89.22%	10,903	28.06%	22	13.17%	22,153	57.01%
750	4	2.40%	2,819	7.25%	153	91.62%	13,722	35.31%	18	10.78%	24,222	62.33%
875	2	1.20%	1,635	4.21%	155	92.81%	15,357	39.52%	14	8.38%	25,857	66.54%
1,000	0	0.00%	0	0.00%	155	92.81%	15,357	39.52%	12	7.19%	27,357	70.40%
1,125	0	0.00%	0	0.00%	155	92.81%	15,357	39.52%	12	7.19%	28,857	74.26%
1,250	0	0.00%	0	0.00%	155	92.81%	15,357	39.52%	12	7.19%	30,357	78.12%
1,875	3	1.80%	5,435	13.99%	158	94.61%	20,792	53.50%	12	7.19%	37,667	96.93%
2,000	6	3.59%	11,619	29.90%	164	98.20%	32,411	83.40%	9	5.39%	38,411	98.84%
2,500	3	1.80%	6,449	16.60%	167	100.00%	38,860	100.00%	3	1.80%	38,860	100.00%
3,125	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
3,750	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
5,000	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
7,500	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
10,000	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
12,500	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
15,000	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
17,500	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
20,000	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
22,500	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
25,000	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
25,000,000	0	0.00%	0	0.00%	167	100.00%	38,860	100.00%	0	0.00%	38,860	100.00%
	167		38,860									

Schedule 4G
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 6 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	4	33.33%	0	0.00%	4	33.33%	0	0.00%	12	100.00%	0	0.00%
50	8	66.67%	60	100.00%	12	100.00%	60	100.00%	8	66.67%	60	100.00%
100	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
150	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
200	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
300	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
350	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
400	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
450	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
550	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
600	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
650	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
700	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
750	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
800	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
850	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
900	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
950	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,750	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
2,250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
2,500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
3,750	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
4,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
5,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
6,250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
7,500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
10,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
15,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
20,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
25,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
30,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
35,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
40,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
45,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
50,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
50,000,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
	12		60									

Schedule 4H
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 8 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	1	8.33%	0	0.00%	1	8.33%	0	0.00%	12	100.00%	0	0.00%
80	9	75.00%	365	33.80%	10	83.33%	365	33.80%	11	91.67%	525	48.61%
160	0	0.00%	0	0.00%	10	83.33%	365	33.80%	2	16.67%	685	63.43%
240	0	0.00%	0	0.00%	10	83.33%	365	33.80%	2	16.67%	845	78.24%
320	1	8.33%	320	29.63%	11	91.67%	685	63.43%	2	16.67%	1,005	93.06%
400	1	8.33%	395	36.57%	12	100.00%	1,080	100.00%	1	8.33%	1,080	100.00%
480	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
560	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
640	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
720	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
800	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
880	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
960	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,040	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,120	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,200	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,280	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,360	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,440	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,520	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
1,600	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
2,400	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
2,800	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
3,200	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
3,600	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
4,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
6,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
6,400	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
8,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
10,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
12,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
16,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
24,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
32,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
40,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
48,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
56,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
64,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
72,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
80,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
80,000,000	0	0.00%	0	0.00%	12	100.00%	1,080	100.00%	0	0.00%	1,080	100.00%
	12		1,080									

Schedule 4I
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Inside 10 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	0	0.00%
115	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	2,760	12.50%
230	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	5,520	25.01%
345	3	12.50%	990	4.48%	3	12.50%	990	4.48%	24	100.00%	8,235	37.30%
460	2	8.33%	820	3.71%	5	20.83%	1,810	8.20%	21	87.50%	10,550	47.79%
575	4	16.67%	2,015	9.13%	9	37.50%	3,825	17.33%	19	79.17%	12,450	56.40%
690	3	12.50%	1,920	8.70%	12	50.00%	5,745	26.02%	15	62.50%	14,025	63.53%
805	0	0.00%	0	0.00%	12	50.00%	5,745	26.02%	12	50.00%	15,405	69.78%
920	0	0.00%	0	0.00%	12	50.00%	5,745	26.02%	12	50.00%	16,785	76.04%
1,035	0	0.00%	0	0.00%	12	50.00%	5,745	26.02%	12	50.00%	18,165	82.29%
1,150	3	12.50%	3,330	15.08%	15	62.50%	9,075	41.11%	12	50.00%	19,425	88.00%
1,265	1	4.17%	1,186	5.37%	16	66.67%	10,261	46.48%	9	37.50%	20,381	92.33%
1,380	4	16.67%	5,190	23.51%	20	83.33%	15,451	69.99%	8	33.33%	20,971	95.00%
1,495	1	4.17%	1,474	6.68%	21	87.50%	16,925	76.67%	4	16.67%	21,410	96.99%
1,610	0	0.00%	0	0.00%	21	87.50%	16,925	76.67%	3	12.50%	21,755	98.55%
1,725	2	8.33%	3,347	15.16%	23	95.83%	20,272	91.83%	3	12.50%	21,997	99.65%
1,840	1	4.17%	1,803	8.17%	24	100.00%	22,075	100.00%	1	4.17%	22,075	100.00%
1,955	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,070	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,185	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,300	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,875	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
3,450	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
4,025	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
4,600	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
5,175	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
5,750	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
8,625	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
9,200	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
11,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
14,375	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
17,250	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
23,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
34,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
46,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
57,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
69,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
80,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
92,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
103,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
115,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
115,000,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
	24		22,075									

Schedule 5A
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Outside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	75	31.25%	0	0.00%	75	31.25%	0	0.00%	240	100.00%	0	0.00%
1	42	17.50%	42	2.30%	117	48.75%	42	2.30%	165	68.75%	165	9.02%
2	25	10.42%	50	2.73%	142	59.17%	92	5.03%	123	51.25%	288	15.74%
3	17	7.08%	51	2.79%	159	66.25%	143	7.81%	98	40.83%	386	21.09%
4	6	2.50%	24	1.31%	165	68.75%	167	9.13%	81	33.75%	467	25.52%
5	7	2.92%	35	1.91%	172	71.67%	202	11.04%	75	31.25%	542	29.62%
6	9	3.75%	54	2.95%	181	75.42%	256	13.99%	68	28.33%	610	33.33%
7	6	2.50%	42	2.30%	187	77.92%	298	16.28%	59	24.58%	669	36.56%
8	4	1.67%	32	1.75%	191	79.58%	330	18.03%	53	22.08%	722	39.45%
9	5	2.08%	45	2.46%	196	81.67%	375	20.49%	49	20.42%	771	42.13%
10	6	2.50%	60	3.28%	202	84.17%	435	23.77%	44	18.33%	815	44.54%
11	3	1.25%	33	1.80%	205	85.42%	468	25.57%	38	15.83%	853	46.61%
12	1	0.42%	12	0.66%	206	85.83%	480	26.23%	35	14.58%	888	48.52%
13	1	0.42%	13	0.71%	207	86.25%	493	26.94%	34	14.17%	922	50.38%
14	6	2.50%	84	4.59%	213	88.75%	577	31.53%	33	13.75%	955	52.19%
15	0	0.00%	0	0.00%	213	88.75%	577	31.53%	27	11.25%	982	53.66%
16	2	0.83%	32	1.75%	215	89.58%	609	33.28%	27	11.25%	1,009	55.14%
17	2	0.83%	34	1.86%	217	90.42%	643	35.14%	25	10.42%	1,034	56.50%
18	1	0.42%	18	0.98%	218	90.83%	661	36.12%	23	9.58%	1,057	57.76%
19	0	0.00%	0	0.00%	218	90.83%	661	36.12%	22	9.17%	1,079	58.96%
20	1	0.42%	20	1.09%	219	91.25%	681	37.21%	22	9.17%	1,101	60.16%
25	0	0.00%	0	0.00%	219	91.25%	681	37.21%	21	8.75%	1,206	65.90%
30	2	0.83%	57	3.11%	221	92.08%	738	40.33%	21	8.75%	1,308	71.48%
35	3	1.25%	97	5.30%	224	93.33%	835	45.63%	19	7.92%	1,395	76.23%
40	5	2.08%	194	10.60%	229	95.42%	1,029	56.23%	16	6.67%	1,469	80.27%
45	3	1.25%	123	6.72%	232	96.67%	1,152	62.95%	11	4.58%	1,512	82.62%
50	1	0.42%	46	2.51%	233	97.08%	1,198	65.46%	8	3.33%	1,548	84.59%
75	4	1.67%	255	13.93%	237	98.75%	1,453	79.40%	7	2.92%	1,678	91.69%
80	0	0.00%	0	0.00%	237	98.75%	1,453	79.40%	3	1.25%	1,693	92.51%
100	1	0.42%	88	4.81%	238	99.17%	1,541	84.21%	3	1.25%	1,741	95.14%
125	1	0.42%	105	5.74%	239	99.58%	1,646	89.95%	2	0.83%	1,771	96.78%
150	0	0.00%	0	0.00%	239	99.58%	1,646	89.95%	1	0.42%	1,796	98.14%
200	1	0.42%	184	10.05%	240	100.00%	1,830	100.00%	1	0.42%	1,830	100.00%
300	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
400	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
500	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
600	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
700	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
800	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
900	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
1,000	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
1,000,000	0	0.00%	0	0.00%	240	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
	240		1,830									

Schedule 5B
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Outside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	51	18.21%	0	0.00%	51	18.21%	0	0.00%	280	100.00%	0	0.00%
3	83	29.64%	114	4.32%	134	47.86%	114	4.32%	229	81.79%	479	18.15%
5	48	17.14%	187	7.09%	182	65.00%	301	11.41%	146	52.14%	791	29.97%
8	20	7.14%	130	4.93%	202	72.14%	431	16.33%	98	35.00%	1,016	38.50%
10	19	6.79%	158	5.99%	221	78.93%	589	22.32%	78	27.86%	1,179	44.68%
13	7	2.50%	81	3.07%	228	81.43%	670	25.39%	59	21.07%	1,320	50.02%
15	4	1.43%	54	2.05%	232	82.86%	724	27.43%	52	18.57%	1,444	54.72%
18	5	1.79%	82	3.11%	237	84.64%	806	30.54%	48	17.14%	1,559	59.06%
20	5	1.79%	98	3.71%	242	86.43%	904	34.26%	43	15.36%	1,664	63.05%
23	5	1.79%	106	4.02%	247	88.21%	1,010	38.27%	38	13.57%	1,753	66.41%
25	3	1.07%	74	2.80%	250	89.29%	1,084	41.08%	33	11.79%	1,834	69.50%
28	4	1.43%	106	4.02%	254	90.71%	1,190	45.09%	30	10.71%	1,905	72.19%
30	2	0.71%	59	2.24%	256	91.43%	1,249	47.33%	26	9.29%	1,969	74.61%
33	3	1.07%	94	3.56%	259	92.50%	1,343	50.89%	24	8.57%	2,026	76.75%
35	2	0.71%	68	2.58%	261	93.21%	1,411	53.47%	21	7.50%	2,076	78.67%
38	0	0.00%	0	0.00%	261	93.21%	1,411	53.47%	19	6.79%	2,124	80.47%
40	0	0.00%	0	0.00%	261	93.21%	1,411	53.47%	19	6.79%	2,171	82.27%
43	0	0.00%	0	0.00%	261	93.21%	1,411	53.47%	19	6.79%	2,219	84.07%
45	2	0.71%	87	3.30%	263	93.93%	1,498	56.76%	19	6.79%	2,263	85.75%
48	2	0.71%	93	3.52%	265	94.64%	1,591	60.29%	17	6.07%	2,304	87.29%
50	3	1.07%	148	5.61%	268	95.71%	1,739	65.90%	15	5.36%	2,339	88.63%
63	4	1.43%	234	8.87%	272	97.14%	1,973	74.76%	12	4.29%	2,473	93.71%
75	5	1.79%	336	12.73%	277	98.93%	2,309	87.50%	8	2.86%	2,534	96.02%
88	1	0.36%	77	2.92%	278	99.29%	2,386	90.41%	3	1.07%	2,561	97.04%
100	0	0.00%	0	0.00%	278	99.29%	2,386	90.41%	2	0.71%	2,586	97.99%
113	1	0.36%	102	3.87%	279	99.64%	2,488	94.28%	2	0.71%	2,601	98.54%
125	0	0.00%	0	0.00%	279	99.64%	2,488	94.28%	1	0.36%	2,613	99.01%
188	1	0.36%	151	5.72%	280	100.00%	2,639	100.00%	1	0.36%	2,639	100.00%
200	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
250	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
313	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
375	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
500	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
750	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
1,000	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
1,250	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
1,500	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
1,750	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
2,000	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
2,250	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
2,500	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
2,500,000	0	0.00%	0	0.00%	280	100.00%	2,639	100.00%	0	0.00%	2,639	100.00%
	280		2,639									

Schedule 5C
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Outside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	2	2.74%	0	0.00%	2	2.74%	0	0.00%	73	100.00%	0	0.00%
5	37	50.68%	114	11.48%	39	53.42%	114	11.48%	71	97.26%	284	28.60%
10	20	27.40%	150	15.11%	59	80.82%	264	26.59%	34	46.58%	404	40.68%
15	6	8.22%	75	7.55%	65	89.04%	339	34.14%	14	19.18%	459	46.22%
20	0	0.00%	0	0.00%	65	89.04%	339	34.14%	8	10.96%	499	50.25%
25	0	0.00%	0	0.00%	65	89.04%	339	34.14%	8	10.96%	539	54.28%
30	0	0.00%	0	0.00%	65	89.04%	339	34.14%	8	10.96%	579	58.31%
35	2	2.74%	63	6.34%	67	91.78%	402	40.48%	8	10.96%	612	61.63%
40	0	0.00%	0	0.00%	67	91.78%	402	40.48%	6	8.22%	642	64.65%
45	1	1.37%	45	4.53%	68	93.15%	447	45.02%	6	8.22%	672	67.67%
50	0	0.00%	0	0.00%	68	93.15%	447	45.02%	5	6.85%	697	70.19%
55	0	0.00%	0	0.00%	68	93.15%	447	45.02%	5	6.85%	722	72.71%
60	0	0.00%	0	0.00%	68	93.15%	447	45.02%	5	6.85%	747	75.23%
65	0	0.00%	0	0.00%	68	93.15%	447	45.02%	5	6.85%	772	77.74%
70	1	1.37%	67	6.75%	69	94.52%	514	51.76%	5	6.85%	794	79.96%
75	0	0.00%	0	0.00%	69	94.52%	514	51.76%	4	5.48%	814	81.97%
80	0	0.00%	0	0.00%	69	94.52%	514	51.76%	4	5.48%	834	83.99%
85	2	2.74%	167	16.82%	71	97.26%	681	68.58%	4	5.48%	851	85.70%
90	0	0.00%	0	0.00%	71	97.26%	681	68.58%	2	2.74%	861	86.71%
95	0	0.00%	0	0.00%	71	97.26%	681	68.58%	2	2.74%	871	87.71%
100	0	0.00%	0	0.00%	71	97.26%	681	68.58%	2	2.74%	881	88.72%
125	0	0.00%	0	0.00%	71	97.26%	681	68.58%	2	2.74%	931	93.76%
150	1	1.37%	150	15.11%	72	98.63%	831	83.69%	2	2.74%	981	98.79%
175	1	1.37%	162	16.31%	73	100.00%	993	100.00%	1	1.37%	993	100.00%
200	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
225	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
250	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
375	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
400	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
500	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
625	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
750	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
1,000	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
1,500	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
2,000	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
2,500	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
3,000	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
3,500	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
4,000	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
4,500	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
5,000	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
5,000,000	0	0.00%	0	0.00%	73	100.00%	993	100.00%	0	0.00%	993	100.00%
	73		993									

Schedule 5D
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Outside 2 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	10	13.89%	0	0.00%	10	13.89%	0	0.00%	72	100.00%	0	0.00%
8	15	20.83%	80	3.52%	25	34.72%	80	3.52%	62	86.11%	456	20.09%
16	10	13.89%	122	5.37%	35	48.61%	202	8.90%	47	65.28%	794	34.98%
24	4	5.56%	83	3.66%	39	54.17%	285	12.56%	37	51.39%	1,077	47.44%
32	2	2.78%	54	2.38%	41	56.94%	339	14.93%	33	45.83%	1,331	58.63%
40	2	2.78%	79	3.48%	43	59.72%	418	18.41%	31	43.06%	1,578	69.52%
48	4	5.56%	178	7.84%	47	65.28%	596	26.26%	29	40.28%	1,796	79.12%
56	8	11.11%	428	18.85%	55	76.39%	1,024	45.11%	25	34.72%	1,976	87.05%
64	4	5.56%	238	10.48%	59	81.94%	1,262	55.59%	17	23.61%	2,094	92.25%
72	8	11.11%	562	24.76%	67	93.06%	1,824	80.35%	13	18.06%	2,184	96.21%
80	3	4.17%	232	10.22%	70	97.22%	2,056	90.57%	5	6.94%	2,216	97.62%
88	0	0.00%	0	0.00%	70	97.22%	2,056	90.57%	2	2.78%	2,232	98.33%
96	0	0.00%	0	0.00%	70	97.22%	2,056	90.57%	2	2.78%	2,248	99.03%
104	1	1.39%	103	4.54%	71	98.61%	2,159	95.11%	2	2.78%	2,263	99.69%
112	1	1.39%	111	4.89%	72	100.00%	2,270	100.00%	1	1.39%	2,270	100.00%
120	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
128	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
136	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
144	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
152	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
160	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
200	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
240	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
280	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
320	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
360	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
400	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
600	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
640	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
800	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
1,000	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
1,200	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
1,600	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
2,400	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
3,200	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
4,000	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
4,800	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
5,600	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
6,400	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
7,200	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
8,000	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
8,000,000	0	0.00%	0	0.00%	72	100.00%	2,270	100.00%	0	0.00%	2,270	100.00%
	72		2,270									

Schedule 5E
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Outside 4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	1	8.33%	0	0.00%	1	8.33%	0	0.00%	12	100.00%	0	0.00%
25	3	25.00%	23	4.55%	4	33.33%	23	4.55%	11	91.67%	223	44.16%
50	4	33.33%	130	25.74%	8	66.67%	153	30.30%	8	66.67%	353	69.90%
75	1	8.33%	61	12.08%	9	75.00%	214	42.38%	4	33.33%	439	86.93%
100	2	16.67%	172	34.06%	11	91.67%	386	76.44%	3	25.00%	486	96.24%
125	1	8.33%	119	23.56%	12	100.00%	505	100.00%	1	8.33%	505	100.00%
150	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
175	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
200	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
225	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
250	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
275	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
300	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
325	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
350	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
375	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
400	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
425	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
450	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
475	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
500	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
625	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
750	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
875	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
1,125	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
1,250	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
1,875	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
2,500	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
3,125	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
3,750	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
5,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
7,500	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
10,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
12,500	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
15,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
17,500	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
20,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
22,500	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
25,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
25,000,000	0	0.00%	0	0.00%	12	100.00%	505	100.00%	0	0.00%	505	100.00%
	12		505									

Schedule 5F
City of Tavares
Water Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Water Outside 6 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	0	0.00%
50	12	100.00%	51	100.00%	12	100.00%	51	100.00%	12	100.00%	51	100.00%
100	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
150	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
200	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
300	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
350	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
400	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
450	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
550	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
600	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
650	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
700	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
750	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
800	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
850	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
900	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
950	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,750	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
2,250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
2,500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
3,750	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
4,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
5,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
6,250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
7,500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
10,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
15,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
20,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
25,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
30,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
35,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
40,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
45,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
50,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
50,000,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
	12		51									

Schedule 6A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Irrigation Inside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	5,351	30.79%	0	0.00%	5,351	30.79%	0	0.00%	17,380	100.00%	0	0.00%
1	469	2.70%	469	0.31%	5,820	33.49%	469	0.31%	12,029	69.21%	12,029	7.98%
2	493	2.84%	986	0.65%	6,313	36.32%	1,455	0.97%	11,560	66.51%	23,589	15.65%
3	497	2.86%	1,491	0.99%	6,810	39.18%	2,946	1.95%	11,067	63.68%	34,656	22.99%
4	519	2.99%	2,076	1.38%	7,329	42.17%	5,022	3.33%	10,570	60.82%	45,226	30.00%
5	612	3.52%	3,060	2.03%	7,941	45.69%	8,082	5.36%	10,051	57.83%	55,277	36.67%
6	660	3.80%	3,960	2.63%	8,601	49.49%	12,042	7.99%	9,439	54.31%	64,716	42.93%
7	631	3.63%	4,417	2.93%	9,232	53.12%	16,459	10.92%	8,779	50.51%	73,495	48.75%
8	701	4.03%	5,608	3.72%	9,933	57.15%	22,067	14.64%	8,148	46.88%	81,643	54.16%
9	667	3.84%	6,003	3.98%	10,600	60.99%	28,070	18.62%	7,447	42.85%	89,090	59.10%
10	642	3.69%	6,420	4.26%	11,242	64.68%	34,490	22.88%	6,780	39.01%	95,870	63.60%
11	604	3.48%	6,644	4.41%	11,846	68.16%	41,134	27.29%	6,138	35.32%	102,008	67.67%
12	585	3.37%	7,020	4.66%	12,431	71.52%	48,154	31.94%	5,534	31.84%	107,542	71.34%
13	592	3.41%	7,696	5.10%	13,023	74.93%	55,850	37.05%	4,949	28.48%	112,491	74.62%
14	531	3.06%	7,434	4.93%	13,554	77.99%	63,284	41.98%	4,357	25.07%	116,848	77.51%
15	471	2.71%	7,065	4.69%	14,025	80.70%	70,349	46.67%	3,826	22.01%	120,674	80.05%
16	428	2.46%	6,848	4.54%	14,453	83.16%	77,197	51.21%	3,355	19.30%	124,029	82.28%
17	387	2.23%	6,579	4.36%	14,840	85.39%	83,776	55.57%	2,927	16.84%	126,956	84.22%
18	358	2.06%	6,444	4.27%	15,198	87.45%	90,220	59.85%	2,540	14.61%	129,496	85.90%
19	299	1.72%	5,681	3.77%	15,497	89.17%	95,901	63.62%	2,182	12.55%	131,678	87.35%
20	245	1.41%	4,900	3.25%	15,742	90.58%	100,801	66.87%	1,883	10.83%	133,561	88.60%
25	772	4.44%	17,511	11.62%	16,514	95.02%	118,312	78.48%	1,638	9.42%	139,962	92.84%
30	380	2.19%	10,490	6.96%	16,894	97.20%	128,802	85.44%	866	4.98%	143,382	95.11%
35	197	1.13%	6,448	4.28%	17,091	98.34%	135,250	89.72%	486	2.80%	145,365	96.43%
40	85	0.49%	3,207	2.13%	17,176	98.83%	138,457	91.85%	289	1.66%	146,617	97.26%
45	55	0.32%	2,341	1.55%	17,231	99.14%	140,798	93.40%	204	1.17%	147,503	97.85%
50	37	0.21%	1,766	1.17%	17,268	99.36%	142,564	94.57%	149	0.86%	148,164	98.29%
75	74	0.43%	4,429	2.94%	17,342	99.78%	146,993	97.51%	112	0.64%	149,843	99.40%
80	7	0.04%	544	0.36%	17,349	99.82%	147,537	97.87%	38	0.22%	150,017	99.52%
100	19	0.11%	1,745	1.16%	17,368	99.93%	149,282	99.03%	31	0.18%	150,482	99.82%
125	8	0.05%	908	0.60%	17,376	99.98%	150,190	99.63%	12	0.07%	150,690	99.96%
150	3	0.02%	382	0.25%	17,379	99.99%	150,572	99.88%	4	0.02%	150,722	99.98%
200	1	0.01%	176	0.12%	17,380	100.00%	150,748	100.00%	1	0.01%	150,748	100.00%
300	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
400	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
500	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
600	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
700	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
800	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
900	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
1,000	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
1,000,000	0	0.00%	0	0.00%	17,380	100.00%	150,748	100.00%	0	0.00%	150,748	100.00%
	17,380		150,748									

Schedule 6B
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Irrigation Inside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	163	11.38%	0	0.00%	163	11.38%	0	0.00%	1,432	100.00%	0	0.00%
3	43	3.00%	62	0.18%	206	14.39%	62	0.18%	1,269	88.62%	3,127	9.18%
5	66	4.61%	259	0.76%	272	18.99%	321	0.94%	1,226	85.61%	6,121	17.97%
8	60	4.19%	392	1.15%	332	23.18%	713	2.09%	1,160	81.01%	8,963	26.32%
10	79	5.52%	716	2.10%	411	28.70%	1,429	4.20%	1,100	76.82%	11,639	34.18%
13	63	4.40%	725	2.13%	474	33.10%	2,154	6.33%	1,021	71.30%	14,129	41.49%
15	103	7.19%	1,441	4.23%	577	40.29%	3,595	10.56%	958	66.90%	16,420	48.22%
18	62	4.33%	1,023	3.00%	639	44.62%	4,618	13.56%	855	59.71%	18,496	54.31%
20	80	5.59%	1,518	4.46%	719	50.21%	6,136	18.02%	793	55.38%	20,396	59.89%
23	55	3.84%	1,183	3.47%	774	54.05%	7,319	21.49%	713	49.79%	22,124	64.97%
25	96	6.70%	2,280	6.70%	870	60.75%	9,599	28.19%	658	45.95%	23,649	69.45%
28	44	3.07%	1,163	3.42%	914	63.83%	10,762	31.60%	562	39.25%	25,007	73.44%
30	78	5.45%	2,261	6.64%	992	69.27%	13,023	38.24%	518	36.17%	26,223	77.01%
33	36	2.51%	1,132	3.32%	1,028	71.79%	14,155	41.57%	440	30.73%	27,285	80.13%
35	65	4.54%	2,201	6.46%	1,093	76.33%	16,356	48.03%	404	28.21%	28,221	82.87%
38	40	2.79%	1,454	4.27%	1,133	79.12%	17,810	52.30%	339	23.67%	29,023	85.23%
40	47	3.28%	1,839	5.40%	1,180	82.40%	19,649	57.70%	299	20.88%	29,729	87.30%
43	25	1.75%	1,038	3.05%	1,205	84.15%	20,687	60.75%	252	17.60%	30,335	89.08%
45	39	2.72%	1,728	5.07%	1,244	86.87%	22,415	65.82%	227	15.85%	30,875	90.67%
48	28	1.96%	1,297	3.81%	1,272	88.83%	23,712	69.63%	188	13.13%	31,312	91.95%
50	29	2.03%	1,423	4.18%	1,301	90.85%	25,135	73.81%	160	11.17%	31,685	93.05%
63	63	4.40%	3,484	10.23%	1,364	95.25%	28,619	84.04%	131	9.15%	32,869	96.52%
75	34	2.37%	2,342	6.88%	1,398	97.63%	30,961	90.92%	68	4.75%	33,511	98.41%
88	18	1.26%	1,433	4.21%	1,416	98.88%	32,394	95.13%	34	2.37%	33,794	99.24%
100	9	0.63%	834	2.45%	1,425	99.51%	33,228	97.58%	16	1.12%	33,928	99.63%
113	3	0.21%	308	0.90%	1,428	99.72%	33,536	98.48%	7	0.49%	33,986	99.80%
125	3	0.21%	360	1.06%	1,431	99.93%	33,896	99.54%	4	0.28%	34,021	99.91%
188	1	0.07%	157	0.46%	1,432	100.00%	34,053	100.00%	1	0.07%	34,053	100.00%
200	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
250	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
313	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
375	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
500	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
750	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
1,000	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
1,250	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
1,500	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
1,750	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
2,000	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
2,250	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
2,500	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
2,500,000	0	0.00%	0	0.00%	1,432	100.00%	34,053	100.00%	0	0.00%	34,053	100.00%
	1,432		34,053									

Schedule 6C
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Irrigation Inside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	0	0.00%
5	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	60	7.82%
10	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	120	15.65%
15	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	180	23.47%
20	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	240	31.29%
25	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	300	39.11%
30	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	360	46.94%
35	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	420	54.76%
40	2	16.67%	75	9.78%	2	16.67%	75	9.78%	12	100.00%	475	61.93%
45	0	0.00%	0	0.00%	2	16.67%	75	9.78%	10	83.33%	525	68.45%
50	0	0.00%	0	0.00%	2	16.67%	75	9.78%	10	83.33%	575	74.97%
55	1	8.33%	55	7.17%	3	25.00%	130	16.95%	10	83.33%	625	81.49%
60	2	16.67%	112	14.60%	5	41.67%	242	31.55%	9	75.00%	662	86.31%
65	0	0.00%	0	0.00%	5	41.67%	242	31.55%	7	58.33%	697	90.87%
70	1	8.33%	66	8.60%	6	50.00%	308	40.16%	7	58.33%	728	94.92%
75	2	16.67%	150	19.56%	8	66.67%	458	59.71%	6	50.00%	758	98.83%
80	4	33.33%	309	40.29%	12	100.00%	767	100.00%	4	33.33%	767	100.00%
85	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
90	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
95	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
100	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
125	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
150	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
175	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
200	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
225	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
250	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
375	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
400	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
500	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
625	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
750	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
1,500	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
2,500	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
3,000	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
3,500	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
4,000	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
4,500	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
5,000	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
5,000,000	0	0.00%	0	0.00%	12	100.00%	767	100.00%	0	0.00%	767	100.00%
	12		767									

Schedule 6D
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Irrigation Inside 2 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	0	0.00%
8	1	4.17%	6	0.23%	1	4.17%	6	0.23%	24	100.00%	190	7.25%
16	0	0.00%	0	0.00%	1	4.17%	6	0.23%	23	95.83%	374	14.26%
24	0	0.00%	0	0.00%	1	4.17%	6	0.23%	23	95.83%	558	21.28%
32	0	0.00%	0	0.00%	1	4.17%	6	0.23%	23	95.83%	742	28.30%
40	1	4.17%	39	1.49%	2	8.33%	45	1.72%	23	95.83%	925	35.28%
48	0	0.00%	0	0.00%	2	8.33%	45	1.72%	22	91.67%	1,101	41.99%
56	1	4.17%	51	1.95%	3	12.50%	96	3.66%	22	91.67%	1,272	48.51%
64	1	4.17%	62	2.36%	4	16.67%	158	6.03%	21	87.50%	1,438	54.84%
72	0	0.00%	0	0.00%	4	16.67%	158	6.03%	20	83.33%	1,598	60.95%
80	4	16.67%	315	12.01%	8	33.33%	473	18.04%	20	83.33%	1,753	66.86%
88	2	8.33%	171	6.52%	10	41.67%	644	24.56%	16	66.67%	1,876	71.55%
96	3	12.50%	279	10.64%	13	54.17%	923	35.20%	14	58.33%	1,979	75.48%
104	1	4.17%	97	3.70%	14	58.33%	1,020	38.90%	11	45.83%	2,060	78.57%
112	0	0.00%	0	0.00%	14	58.33%	1,020	38.90%	10	41.67%	2,140	81.62%
120	0	0.00%	0	0.00%	14	58.33%	1,020	38.90%	10	41.67%	2,220	84.67%
128	1	4.17%	123	4.69%	15	62.50%	1,143	43.59%	10	41.67%	2,295	87.53%
136	0	0.00%	0	0.00%	15	62.50%	1,143	43.59%	9	37.50%	2,367	90.27%
144	3	12.50%	425	16.21%	18	75.00%	1,568	59.80%	9	37.50%	2,432	92.75%
152	1	4.17%	147	5.61%	19	79.17%	1,715	65.41%	6	25.00%	2,475	94.39%
160	1	4.17%	157	5.99%	20	83.33%	1,872	71.40%	5	20.83%	2,512	95.80%
200	4	16.67%	750	28.60%	24	100.00%	2,622	100.00%	4	16.67%	2,622	100.00%
240	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
280	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
320	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
360	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
400	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
600	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
640	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
800	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
1,000	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
1,200	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
1,600	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
2,400	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
3,200	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
4,000	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
4,800	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
5,600	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
6,400	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
7,200	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
8,000	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
8,000,000	0	0.00%	0	0.00%	24	100.00%	2,622	100.00%	0	0.00%	2,622	100.00%
	24		2,622									

Schedule 7A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Irrigation Outside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	29	23.97%	0	0.00%	29	23.97%	0	0.00%	121	100.00%	0	0.00%
1	2	1.65%	2	0.11%	31	25.62%	2	0.11%	92	76.03%	92	5.03%
2	4	3.31%	8	0.44%	35	28.93%	10	0.55%	90	74.38%	182	9.95%
3	5	4.13%	15	0.82%	40	33.06%	25	1.37%	86	71.07%	268	14.64%
4	7	5.79%	28	1.53%	47	38.84%	53	2.90%	81	66.94%	349	19.07%
5	5	4.13%	25	1.37%	52	42.98%	78	4.26%	74	61.16%	423	23.11%
6	2	1.65%	12	0.66%	54	44.63%	90	4.92%	69	57.02%	492	26.89%
7	5	4.13%	35	1.91%	59	48.76%	125	6.83%	67	55.37%	559	30.55%
8	2	1.65%	16	0.87%	61	50.41%	141	7.70%	62	51.24%	621	33.93%
9	5	4.13%	45	2.46%	66	54.55%	186	10.16%	60	49.59%	681	37.21%
10	2	1.65%	20	1.09%	68	56.20%	206	11.26%	55	45.45%	736	40.22%
11	2	1.65%	22	1.20%	70	57.85%	228	12.46%	53	43.80%	789	43.11%
12	3	2.48%	36	1.97%	73	60.33%	264	14.43%	51	42.15%	840	45.90%
13	1	0.83%	13	0.71%	74	61.16%	277	15.14%	48	39.67%	888	48.52%
14	2	1.65%	28	1.53%	76	62.81%	305	16.67%	47	38.84%	935	51.09%
15	3	2.48%	45	2.46%	79	65.29%	350	19.13%	45	37.19%	980	53.55%
16	2	1.65%	32	1.75%	81	66.94%	382	20.87%	42	34.71%	1,022	55.85%
17	1	0.83%	17	0.93%	82	67.77%	399	21.80%	40	33.06%	1,062	58.03%
18	2	1.65%	36	1.97%	84	69.42%	435	23.77%	39	32.23%	1,101	60.16%
19	3	2.48%	57	3.11%	87	71.90%	492	26.89%	37	30.58%	1,138	62.19%
20	0	0.00%	0	0.00%	87	71.90%	492	26.89%	34	28.10%	1,172	64.04%
25	7	5.79%	157	8.58%	94	77.69%	649	35.46%	34	28.10%	1,324	72.35%
30	3	2.48%	82	4.48%	97	80.17%	731	39.95%	27	22.31%	1,451	79.29%
35	5	4.13%	165	9.02%	102	84.30%	896	48.96%	24	19.83%	1,561	85.30%
40	2	1.65%	76	4.15%	104	85.95%	972	53.11%	19	15.70%	1,652	90.27%
45	7	5.79%	300	16.39%	111	91.74%	1,272	69.51%	17	14.05%	1,722	94.10%
50	4	3.31%	196	10.71%	115	95.04%	1,468	80.22%	10	8.26%	1,768	96.61%
75	5	4.13%	267	14.59%	120	99.17%	1,735	94.81%	6	4.96%	1,810	98.91%
80	0	0.00%	0	0.00%	120	99.17%	1,735	94.81%	1	0.83%	1,815	99.18%
100	1	0.83%	95	5.19%	121	100.00%	1,830	100.00%	1	0.83%	1,830	100.00%
125	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
150	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
200	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
300	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
400	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
500	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
600	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
700	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
800	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
900	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
1,000	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
1,000,000	0	0.00%	0	0.00%	121	100.00%	1,830	100.00%	0	0.00%	1,830	100.00%
	121		1,830									

Schedule 8A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Irrigation Inside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	467	47.36%	0	0.00%	467	47.36%	0	0.00%	986	100.00%	0	0.00%
1	30	3.04%	30	0.22%	497	50.41%	30	0.22%	519	52.64%	519	3.84%
2	40	4.06%	80	0.59%	537	54.46%	110	0.81%	489	49.59%	1,008	7.45%
3	50	5.07%	150	1.11%	587	59.53%	260	1.92%	449	45.54%	1,457	10.77%
4	36	3.65%	144	1.06%	623	63.18%	404	2.99%	399	40.47%	1,856	13.72%
5	23	2.33%	115	0.85%	646	65.52%	519	3.84%	363	36.82%	2,219	16.40%
6	18	1.83%	108	0.80%	664	67.34%	627	4.63%	340	34.48%	2,559	18.91%
7	17	1.72%	119	0.88%	681	69.07%	746	5.51%	322	32.66%	2,881	21.29%
8	15	1.52%	120	0.89%	696	70.59%	866	6.40%	305	30.93%	3,186	23.55%
9	18	1.83%	162	1.20%	714	72.41%	1,028	7.60%	290	29.41%	3,476	25.69%
10	17	1.72%	170	1.26%	731	74.14%	1,198	8.85%	272	27.59%	3,748	27.70%
11	16	1.62%	176	1.30%	747	75.76%	1,374	10.15%	255	25.86%	4,003	29.58%
12	13	1.32%	156	1.15%	760	77.08%	1,530	11.31%	239	24.24%	4,242	31.35%
13	13	1.32%	169	1.25%	773	78.40%	1,699	12.56%	226	22.92%	4,468	33.02%
14	9	0.91%	126	0.93%	782	79.31%	1,825	13.49%	213	21.60%	4,681	34.59%
15	11	1.12%	165	1.22%	793	80.43%	1,990	14.71%	204	20.69%	4,885	36.10%
16	3	0.30%	48	0.35%	796	80.73%	2,038	15.06%	193	19.57%	5,078	37.53%
17	10	1.01%	170	1.26%	806	81.74%	2,208	16.32%	190	19.27%	5,268	38.93%
18	4	0.41%	72	0.53%	810	82.15%	2,280	16.85%	180	18.26%	5,448	40.26%
19	8	0.81%	152	1.12%	818	82.96%	2,432	17.97%	176	17.85%	5,624	41.56%
20	9	0.91%	180	1.33%	827	83.87%	2,612	19.30%	168	17.04%	5,792	42.81%
25	22	2.23%	512	3.78%	849	86.11%	3,124	23.09%	159	16.13%	6,549	48.40%
30	23	2.33%	639	4.72%	872	88.44%	3,763	27.81%	137	13.89%	7,183	53.09%
35	15	1.52%	495	3.66%	887	89.96%	4,258	31.47%	114	11.56%	7,723	57.08%
40	12	1.22%	460	3.40%	899	91.18%	4,718	34.87%	99	10.04%	8,198	60.59%
45	16	1.62%	706	5.22%	915	92.80%	5,424	40.09%	87	8.82%	8,619	63.70%
50	14	1.42%	675	4.99%	929	94.22%	6,099	45.07%	71	7.20%	8,949	66.14%
75	32	3.25%	1,993	14.73%	961	97.46%	8,092	59.80%	57	5.78%	9,967	73.66%
80	1	0.10%	76	0.56%	962	97.57%	8,168	60.37%	25	2.54%	10,088	74.55%
100	3	0.30%	288	2.13%	965	97.87%	8,456	62.49%	24	2.43%	10,556	78.01%
125	1	0.10%	116	0.86%	966	97.97%	8,572	63.35%	21	2.13%	11,072	81.83%
150	1	0.10%	139	1.03%	967	98.07%	8,711	64.38%	20	2.03%	11,561	85.44%
200	5	0.51%	880	6.50%	972	98.58%	9,591	70.88%	19	1.93%	12,391	91.57%
300	8	0.81%	1,928	14.25%	980	99.39%	11,519	85.13%	14	1.42%	13,319	98.43%
400	6	0.61%	2,012	14.87%	986	100.00%	13,531	100.00%	6	0.61%	13,531	100.00%
500	0	0.00%	0	0.00%	986	100.00%	13,531	100.00%	0	0.00%	13,531	100.00%
600	0	0.00%	0	0.00%	986	100.00%	13,531	100.00%	0	0.00%	13,531	100.00%
700	0	0.00%	0	0.00%	986	100.00%	13,531	100.00%	0	0.00%	13,531	100.00%
800	0	0.00%	0	0.00%	986	100.00%	13,531	100.00%	0	0.00%	13,531	100.00%
900	0	0.00%	0	0.00%	986	100.00%	13,531	100.00%	0	0.00%	13,531	100.00%
1,000	0	0.00%	0	0.00%	986	100.00%	13,531	100.00%	0	0.00%	13,531	100.00%
1,000,000	0	0.00%	0	0.00%	986	100.00%	13,531	100.00%	0	0.00%	13,531	100.00%
	986		13,531									

Schedule 8B
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Irrigation Inside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	424	48.46%	0	0.00%	424	48.46%	0	0.00%	875	100.00%	0	0.00%
3	28	3.20%	43	0.23%	452	51.66%	43	0.23%	451	51.54%	1,101	5.80%
5	35	4.00%	129	0.68%	487	55.66%	172	0.91%	423	48.34%	2,112	11.13%
8	7	0.80%	48	0.25%	494	56.46%	220	1.16%	388	44.34%	3,078	16.22%
10	13	1.49%	111	0.59%	507	57.94%	331	1.74%	381	43.54%	4,011	21.15%
13	7	0.80%	80	0.42%	514	58.74%	411	2.17%	368	42.06%	4,924	25.96%
15	17	1.94%	243	1.28%	531	60.69%	654	3.45%	361	41.26%	5,814	30.65%
18	10	1.14%	167	0.88%	541	61.83%	821	4.33%	344	39.31%	6,666	35.14%
20	23	2.63%	446	2.35%	564	64.46%	1,267	6.68%	334	38.17%	7,487	39.47%
23	7	0.80%	151	0.80%	571	65.26%	1,418	7.48%	311	35.54%	8,258	43.53%
25	19	2.17%	454	2.39%	590	67.43%	1,872	9.87%	304	34.74%	8,997	47.43%
28	9	1.03%	236	1.24%	599	68.46%	2,108	11.11%	285	32.57%	9,698	51.13%
30	20	2.29%	573	3.02%	619	70.74%	2,681	14.13%	276	31.54%	10,361	54.62%
33	20	2.29%	631	3.33%	639	73.03%	3,312	17.46%	256	29.26%	10,982	57.89%
35	17	1.94%	583	3.07%	656	74.97%	3,895	20.53%	236	26.97%	11,560	60.94%
38	15	1.71%	549	2.89%	671	76.69%	4,444	23.43%	219	25.03%	12,094	63.76%
40	20	2.29%	785	4.14%	691	78.97%	5,229	27.57%	204	23.31%	12,589	66.37%
43	14	1.60%	583	3.07%	705	80.57%	5,812	30.64%	184	21.03%	13,037	68.73%
45	17	1.94%	749	3.95%	722	82.51%	6,561	34.59%	170	19.43%	13,446	70.88%
48	12	1.37%	559	2.95%	734	83.89%	7,120	37.53%	153	17.49%	13,818	72.84%
50	10	1.14%	489	2.58%	744	85.03%	7,609	40.11%	141	16.11%	14,159	74.64%
63	34	3.89%	1,898	10.01%	778	88.91%	9,507	50.12%	131	14.97%	15,570	82.08%
75	40	4.57%	2,760	14.55%	818	93.49%	12,267	64.67%	97	11.09%	16,542	87.21%
88	15	1.71%	1,211	6.38%	833	95.20%	13,478	71.05%	57	6.51%	17,153	90.43%
100	15	1.71%	1,388	7.32%	848	96.91%	14,866	78.37%	42	4.80%	17,566	92.60%
113	6	0.69%	641	3.38%	854	97.60%	15,507	81.75%	27	3.09%	17,870	94.20%
125	4	0.46%	465	2.45%	858	98.06%	15,972	84.20%	21	2.40%	18,097	95.40%
188	10	1.14%	1,533	8.08%	868	99.20%	17,505	92.28%	17	1.94%	18,818	99.20%
200	2	0.23%	389	2.05%	870	99.43%	17,894	94.33%	7	0.80%	18,894	99.60%
250	5	0.57%	1,075	5.67%	875	100.00%	18,969	100.00%	5	0.57%	18,969	100.00%
313	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
375	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
500	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
750	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
1,000	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
1,250	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
1,500	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
1,750	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
2,000	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
2,250	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
2,500	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
2,500,000	0	0.00%	0	0.00%	875	100.00%	18,969	100.00%	0	0.00%	18,969	100.00%
	875		18,969									

Schedule 8C
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Irrigation Inside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	33	15.14%	0	0.00%	33	15.14%	0	0.00%	218	100.00%	0	0.00%
5	35	16.06%	97	0.91%	68	31.19%	97	0.91%	185	84.86%	847	7.94%
10	19	8.72%	151	1.42%	87	39.91%	248	2.32%	150	68.81%	1,558	14.61%
15	17	7.80%	216	2.02%	104	47.71%	464	4.35%	131	60.09%	2,174	20.38%
20	10	4.59%	177	1.66%	114	52.29%	641	6.01%	114	52.29%	2,721	25.51%
25	6	2.75%	138	1.29%	120	55.05%	779	7.30%	104	47.71%	3,229	30.27%
30	9	4.13%	251	2.35%	129	59.17%	1,030	9.66%	98	44.95%	3,700	34.69%
35	3	1.38%	102	0.96%	132	60.55%	1,132	10.61%	89	40.83%	4,142	38.83%
40	3	1.38%	114	1.07%	135	61.93%	1,246	11.68%	86	39.45%	4,566	42.80%
45	5	2.29%	220	2.06%	140	64.22%	1,466	13.74%	83	38.07%	4,976	46.65%
50	8	3.67%	388	3.64%	148	67.89%	1,854	17.38%	78	35.78%	5,354	50.19%
55	8	3.67%	425	3.98%	156	71.56%	2,279	21.36%	70	32.11%	5,689	53.33%
60	6	2.75%	340	3.19%	162	74.31%	2,619	24.55%	62	28.44%	5,979	56.05%
65	5	2.29%	316	2.96%	167	76.61%	2,935	27.51%	56	25.69%	6,250	58.59%
70	2	0.92%	137	1.28%	169	77.52%	3,072	28.80%	51	23.39%	6,502	60.95%
75	4	1.83%	287	2.69%	173	79.36%	3,359	31.49%	49	22.48%	6,734	63.13%
80	1	0.46%	77	0.72%	174	79.82%	3,436	32.21%	45	20.64%	6,956	65.21%
85	5	2.29%	408	3.82%	179	82.11%	3,844	36.04%	44	20.18%	7,159	67.11%
90	7	3.21%	620	5.81%	186	85.32%	4,464	41.85%	39	17.89%	7,344	68.85%
95	1	0.46%	94	0.88%	187	85.78%	4,558	42.73%	32	14.68%	7,503	70.34%
100	2	0.92%	193	1.81%	189	86.70%	4,751	44.54%	31	14.22%	7,651	71.73%
125	7	3.21%	767	7.19%	196	89.91%	5,518	51.73%	29	13.30%	8,268	77.51%
150	4	1.83%	553	5.18%	200	91.74%	6,071	56.91%	22	10.09%	8,771	82.23%
175	1	0.46%	159	1.49%	201	92.20%	6,230	58.40%	18	8.26%	9,205	86.29%
200	0	0.00%	0	0.00%	201	92.20%	6,230	58.40%	17	7.80%	9,630	90.28%
225	4	1.83%	859	8.05%	205	94.04%	7,089	66.46%	17	7.80%	10,014	93.88%
250	6	2.75%	1,418	13.29%	211	96.79%	8,507	79.75%	13	5.96%	10,257	96.16%
375	5	2.29%	1,307	12.25%	216	99.08%	9,814	92.00%	7	3.21%	10,564	99.03%
400	1	0.46%	384	3.60%	217	99.54%	10,198	95.60%	2	0.92%	10,598	99.35%
500	1	0.46%	469	4.40%	218	100.00%	10,667	100.00%	1	0.46%	10,667	100.00%
625	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
750	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
1,000	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
1,500	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
2,000	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
2,500	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
3,000	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
3,500	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
4,000	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
4,500	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
5,000	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
5,000,000	0	0.00%	0	0.00%	218	100.00%	10,667	100.00%	0	0.00%	10,667	100.00%
	218		10,667									

Schedule 8D
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Irrigation Inside 2 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	129	29.12%	0	0.00%	129	29.12%	0	0.00%	443	100.00%	0	0.00%
8	36	8.13%	174	0.62%	165	37.25%	174	0.62%	314	70.88%	2,398	8.53%
16	17	3.84%	235	0.84%	182	41.08%	409	1.45%	278	62.75%	4,585	16.31%
24	21	4.74%	431	1.53%	203	45.82%	840	2.99%	261	58.92%	6,600	23.48%
32	17	3.84%	487	1.73%	220	49.66%	1,327	4.72%	240	54.18%	8,463	30.11%
40	21	4.74%	759	2.70%	241	54.40%	2,086	7.42%	223	50.34%	10,166	36.17%
48	18	4.06%	782	2.78%	259	58.47%	2,868	10.20%	202	45.60%	11,700	41.62%
56	16	3.61%	839	2.98%	275	62.08%	3,707	13.19%	184	41.53%	13,115	46.66%
64	14	3.16%	850	3.02%	289	65.24%	4,557	16.21%	168	37.92%	14,413	51.27%
72	19	4.29%	1,295	4.61%	308	69.53%	5,852	20.82%	154	34.76%	15,572	55.40%
80	22	4.97%	1,655	5.89%	330	74.49%	7,507	26.71%	135	30.47%	16,547	58.87%
88	13	2.93%	1,087	3.87%	343	77.43%	8,594	30.57%	113	25.51%	17,394	61.88%
96	13	2.93%	1,187	4.22%	356	80.36%	9,781	34.80%	100	22.57%	18,133	64.51%
104	10	2.26%	1,016	3.61%	366	82.62%	10,797	38.41%	87	19.64%	18,805	66.90%
112	13	2.93%	1,412	5.02%	379	85.55%	12,209	43.43%	77	17.38%	19,377	68.93%
120	12	2.71%	1,389	4.94%	391	88.26%	13,598	48.37%	64	14.45%	19,838	70.57%
128	1	0.23%	121	0.43%	392	88.49%	13,719	48.80%	52	11.74%	20,247	72.03%
136	5	1.13%	658	2.34%	397	89.62%	14,377	51.15%	51	11.51%	20,633	73.40%
144	2	0.45%	285	1.01%	399	90.07%	14,662	52.16%	46	10.38%	20,998	74.70%
152	3	0.68%	445	1.58%	402	90.74%	15,107	53.74%	44	9.93%	21,339	75.91%
160	1	0.23%	160	0.57%	403	90.97%	15,267	54.31%	41	9.26%	21,667	77.08%
200	17	3.84%	2,998	10.67%	420	94.81%	18,265	64.98%	40	9.03%	22,865	81.34%
240	4	0.90%	902	3.21%	424	95.71%	19,167	68.19%	23	5.19%	23,727	84.41%
280	2	0.45%	503	1.79%	426	96.16%	19,670	69.98%	19	4.29%	24,430	86.91%
320	5	1.13%	1,493	5.31%	431	97.29%	21,163	75.29%	17	3.84%	25,003	88.95%
360	3	0.68%	999	3.55%	434	97.97%	22,162	78.84%	12	2.71%	25,402	90.37%
400	0	0.00%	0	0.00%	434	97.97%	22,162	78.84%	9	2.03%	25,762	91.65%
600	6	1.35%	2,998	10.67%	440	99.32%	25,160	89.51%	9	2.03%	26,960	95.91%
640	0	0.00%	0	0.00%	440	99.32%	25,160	89.51%	3	0.68%	27,080	96.34%
800	2	0.45%	1,299	4.62%	442	99.77%	26,459	94.13%	3	0.68%	27,259	96.97%
1,000	0	0.00%	0	0.00%	442	99.77%	26,459	94.13%	1	0.23%	27,459	97.68%
1,200	0	0.00%	0	0.00%	442	99.77%	26,459	94.13%	1	0.23%	27,659	98.40%
1,600	0	0.00%	0	0.00%	442	99.77%	26,459	94.13%	1	0.23%	28,059	99.82%
2,400	1	0.23%	1,651	5.87%	443	100.00%	28,110	100.00%	1	0.23%	28,110	100.00%
3,200	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
4,000	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
4,800	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
5,600	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
6,400	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
7,200	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
8,000	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
8,000,000	0	0.00%	0	0.00%	443	100.00%	28,110	100.00%	0	0.00%	28,110	100.00%
	443		28,110									

Schedule 8E
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Irrigation Inside 4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	7	87.50%	0	0.00%	7	87.50%	0	0.00%	8	100.00%	0	0.00%
25	1	12.50%	8	100.00%	8	100.00%	8	100.00%	1	12.50%	8	100.00%
50	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
75	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
100	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
125	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
150	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
175	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
200	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
225	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
250	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
275	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
300	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
325	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
350	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
375	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
400	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
425	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
450	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
475	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
500	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
625	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
750	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
875	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
1,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
1,125	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
1,250	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
1,875	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
2,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
2,500	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
3,125	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
3,750	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
5,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
7,500	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
10,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
12,500	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
15,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
17,500	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
20,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
22,500	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
25,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
25,000,000	0	0.00%	0	0.00%	8	100.00%	8	100.00%	0	0.00%	8	100.00%
	8		8									

Schedule 8F
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Irrigation Inside 6 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	1	8.33%	0	0.00%	1	8.33%	0	0.00%	12	100.00%	0	0.00%
50	0	0.00%	0	0.00%	1	8.33%	0	0.00%	11	91.67%	550	18.55%
100	0	0.00%	0	0.00%	1	8.33%	0	0.00%	11	91.67%	1,100	37.10%
150	2	16.67%	280	9.44%	3	25.00%	280	9.44%	11	91.67%	1,630	54.97%
200	0	0.00%	0	0.00%	3	25.00%	280	9.44%	9	75.00%	2,080	70.15%
250	2	16.67%	485	16.36%	5	41.67%	765	25.80%	9	75.00%	2,515	84.82%
300	1	8.33%	300	10.12%	6	50.00%	1,065	35.92%	7	58.33%	2,865	96.63%
350	6	50.00%	1,900	64.08%	12	100.00%	2,965	100.00%	6	50.00%	2,965	100.00%
400	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
450	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
500	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
550	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
600	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
650	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
700	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
750	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
800	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
850	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
900	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
950	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
1,250	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
1,500	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
1,750	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
2,250	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
2,500	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
3,750	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
4,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
5,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
6,250	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
7,500	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
10,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
15,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
20,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
25,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
30,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
35,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
40,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
45,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
50,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
50,000,000	0	0.00%	0	0.00%	12	100.00%	2,965	100.00%	0	0.00%	2,965	100.00%
	12		2,965									

Schedule 9A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Irrigation Outside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	3	23.08%	0	0.00%	3	23.08%	0	0.00%	13	100.00%	0	0.00%
5	0	0.00%	0	0.00%	3	23.08%	0	0.00%	10	76.92%	50	7.40%
10	1	7.69%	9	1.33%	4	30.77%	9	1.33%	10	76.92%	99	14.64%
15	0	0.00%	0	0.00%	4	30.77%	9	1.33%	9	69.23%	144	21.30%
20	1	7.69%	17	2.51%	5	38.46%	26	3.85%	9	69.23%	186	27.51%
25	0	0.00%	0	0.00%	5	38.46%	26	3.85%	8	61.54%	226	33.43%
30	1	7.69%	29	4.29%	6	46.15%	55	8.14%	8	61.54%	265	39.20%
35	0	0.00%	0	0.00%	6	46.15%	55	8.14%	7	53.85%	300	44.38%
40	0	0.00%	0	0.00%	6	46.15%	55	8.14%	7	53.85%	335	49.56%
45	0	0.00%	0	0.00%	6	46.15%	55	8.14%	7	53.85%	370	54.73%
50	0	0.00%	0	0.00%	6	46.15%	55	8.14%	7	53.85%	405	59.91%
55	1	7.69%	53	7.84%	7	53.85%	108	15.98%	7	53.85%	438	64.79%
60	1	7.69%	56	8.28%	8	61.54%	164	24.26%	6	46.15%	464	68.64%
65	0	0.00%	0	0.00%	8	61.54%	164	24.26%	5	38.46%	489	72.34%
70	0	0.00%	0	0.00%	8	61.54%	164	24.26%	5	38.46%	514	76.04%
75	1	7.69%	75	11.09%	9	69.23%	239	35.36%	5	38.46%	539	79.73%
80	0	0.00%	0	0.00%	9	69.23%	239	35.36%	4	30.77%	559	82.69%
85	1	7.69%	81	11.98%	10	76.92%	320	47.34%	4	30.77%	575	85.06%
90	1	7.69%	86	12.72%	11	84.62%	406	60.06%	3	23.08%	586	86.69%
95	0	0.00%	0	0.00%	11	84.62%	406	60.06%	2	15.38%	596	88.17%
100	0	0.00%	0	0.00%	11	84.62%	406	60.06%	2	15.38%	606	89.64%
125	1	7.69%	102	15.09%	12	92.31%	508	75.15%	2	15.38%	633	93.64%
150	0	0.00%	0	0.00%	12	92.31%	508	75.15%	1	7.69%	658	97.34%
175	1	7.69%	168	24.85%	13	100.00%	676	100.00%	1	7.69%	676	100.00%
200	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
225	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
250	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
375	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
400	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
500	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
625	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
750	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
1,000	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
1,500	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
2,000	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
2,500	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
3,000	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
3,500	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
4,000	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
4,500	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
5,000	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
5,000,000	0	0.00%	0	0.00%	13	100.00%	676	100.00%	0	0.00%	676	100.00%
	13		676									

Schedule 10A
Wastewater Inside Customer Statistics FY 2011/12

Customer/ Meter Size	Annual		Average Monthly		Consumption 1,000 Gallons	Revenue		
	Accounts	EMCs	Accounts	EMCs		Base	Usage	Total
Residential								
3/4"	70,671	70,671	5,889	5,889	279,075	\$1,251,583	\$845,598	\$2,097,181
1.0"	753	753	63	63	3,568	\$13,336	\$10,811	\$24,147
1.5"	12	12	1	1	6	\$213	\$18	\$231
2.0"	0	0	0	0	0	\$0	\$0	\$0
3.0"	0	0	0	0	0	\$0	\$0	\$0
4.0"	0	0	0	0	0	\$0	\$0	\$0
6.0"	0	0	0	0	0	\$0	\$0	\$0
8.0"	0	0	0	0	0	\$0	\$0	\$0
Subtotal	71,436	71,436	5,953	5,953	282,649	\$1,265,132	\$856,427	\$2,121,558
General Service								
3/4"	4,278	4,278	357	357	33,430	\$75,763	\$101,293	\$177,056
1.0"	1,122	2,805	94	234	14,968	\$49,677	\$45,353	\$95,030
1.5"	411	2,055	34	171	13,299	\$36,394	\$40,296	\$76,690
2.0"	595	4,760	50	397	76,083	\$84,300	\$230,531	\$314,831
3.0"	72	1,080	6	90	12,092	\$19,127	\$36,639	\$55,766
4.0"	151	3,775	13	315	38,306	\$66,855	\$116,067	\$182,922
6.0"	12	600	1	50	60	\$10,626	\$182	\$10,808
8.0"	0	0	0	0	0	\$0	\$0	\$0
10.0"	24	2,760	2	230	22,075	\$48,880	\$66,887	\$115,767
Subtotal	6,665	22,113	555	1,843	210,313	\$391,621	\$637,248	\$1,028,870
Total	78,101	93,549	6,508	7,796	492,962	\$1,656,753	\$1,493,675	\$3,150,428

**Schedule 10B
Wastewater Outside Customer Statistics FY 2011/12**

Customer/ Meter Size	Annual		Average Monthly		Consumption 1,000 Gallons	Revenue		
	Accounts	EMCs	Accounts	EMCs		Base	Usage	Total
Residential								
3/4"	610	610	51	51	3,746	\$13,505	\$14,159	\$27,664
1.0"	12	12	1	1	168	\$266	\$635	\$901
1.5"	0	0	0	0	0	\$0	\$0	\$0
2.0"	0	0	0	0	0	\$0	\$0	\$0
3.0"	0	0	0	0	0	\$0	\$0	\$0
4.0"	0	0	0	0	0	\$0	\$0	\$0
6.0"	0	0	0	0	0	\$0	\$0	\$0
8.0"	0	0	0	0	0	\$0	\$0	\$0
Subtotal	622	622	52	52	3,914	\$13,771	\$14,794	\$28,565
General Service								
3/4"	48	48	4	4	5	\$1,063	\$19	\$1,082
1.0"	13	33	1	3	92	\$720	\$348	\$1,067
1.5"	0	0	0	0	0	\$0	\$0	\$0
2.0"	24	192	2	16	704	\$4,251	\$2,661	\$6,912
3.0"	0	0	0	0	0	\$0	\$0	\$0
4.0"	0	0	0	0	0	\$0	\$0	\$0
6.0"	12	600	1	50	51	\$13,284	\$193	\$13,477
8.0"	0	0	0	0	0	\$0	\$0	\$0
10.0"	0	0	0	0	0	\$0	\$0	\$0
Subtotal	97	873	8	73	852	\$19,317	\$3,221	\$22,538
Total	719	1,495	60	125	4,766	\$33,088	\$18,014	\$51,102
Total Sewer	78,820	95,044	6,568	7,920	497,728	\$1,689,841	\$1,511,689	\$3,201,530

Schedule 11A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Wastewater Inside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	11,898	16.84%	0	0.00%	11,898	16.84%	0	0.00%	70,671	100.00%	0	0.00%
1	7,782	11.01%	7,782	2.79%	19,680	27.85%	7,782	2.79%	58,773	83.16%	58,773	21.06%
2	10,728	15.18%	21,456	7.69%	30,408	43.03%	29,238	10.48%	50,991	72.15%	109,764	39.33%
3	10,169	14.39%	30,507	10.93%	40,577	57.42%	59,745	21.41%	40,263	56.97%	150,027	53.76%
4	7,771	11.00%	31,080	11.14%	48,348	68.41%	90,825	32.54%	30,094	42.58%	180,117	64.54%
5	5,386	7.62%	26,929	9.65%	53,734	76.03%	117,753	42.19%	22,323	31.59%	202,438	72.54%
6	3,743	5.30%	22,452	8.05%	57,477	81.33%	140,205	50.24%	16,937	23.97%	219,369	78.61%
7	2,652	3.75%	18,559	6.65%	60,129	85.08%	158,764	56.89%	13,194	18.67%	232,558	83.33%
8	1,809	2.56%	14,469	5.18%	61,938	87.64%	173,233	62.07%	10,542	14.92%	243,097	87.11%
9	1,472	2.08%	13,246	4.75%	63,410	89.73%	186,478	66.82%	8,733	12.36%	251,827	90.24%
10	1,091	1.54%	10,904	3.91%	64,501	91.27%	197,382	70.73%	7,261	10.27%	259,082	92.84%
11	891	1.26%	9,799	3.51%	65,392	92.53%	207,181	74.24%	6,170	8.73%	265,250	95.05%
12	717	1.01%	8,602	3.08%	66,109	93.54%	215,783	77.32%	5,279	7.47%	270,527	96.94%
13	614	0.87%	7,981	2.86%	66,723	94.41%	223,764	80.18%	4,562	6.46%	275,088	98.57%
14	3,922	5.55%	54,905	19.67%	70,645	99.96%	278,669	99.85%	3,948	5.59%	279,033	99.99%
15	13	0.02%	188	0.07%	70,658	99.98%	278,857	99.92%	26	0.04%	279,052	99.99%
16	6	0.01%	95	0.03%	70,664	99.99%	278,952	99.96%	13	0.02%	279,064	100.00%
17	3	0.00%	49	0.02%	70,667	99.99%	279,001	99.97%	7	0.01%	279,069	100.00%
18	3	0.00%	53	0.02%	70,670	100.00%	279,054	99.99%	4	0.01%	279,072	100.00%
19	0	0.00%	0	0.00%	70,670	100.00%	279,054	99.99%	1	0.00%	279,073	100.00%
20	0	0.00%	0	0.00%	70,670	100.00%	279,054	99.99%	1	0.00%	279,074	100.00%
25	1	0.00%	21	0.01%	70,671	100.00%	279,075	100.00%	1	0.00%	279,075	100.00%
30	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
35	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
40	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
45	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
50	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
75	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
80	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
100	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
125	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
150	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
200	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
300	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
400	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
500	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
600	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
700	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
800	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
900	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
1,000	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
1,000,000	0	0.00%	0	0.00%	70,671	100.00%	279,075	100.00%	0	0.00%	279,075	100.00%
	70,671		279,075									

Schedule 11B
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Wastewater Inside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	136	18.06%	0	0.00%	136	18.06%	0	0.00%	753	100.00%	0	0.00%
1	76	10.09%	76	2.13%	212	28.15%	76	2.13%	617	81.94%	617	17.29%
2	84	11.16%	168	4.71%	296	39.31%	244	6.84%	541	71.85%	1,158	32.46%
3	84	11.16%	252	7.06%	380	50.46%	496	13.90%	457	60.69%	1,615	45.26%
4	55	7.30%	220	6.17%	435	57.77%	716	20.07%	373	49.54%	1,988	55.72%
5	62	8.23%	310	8.69%	497	66.00%	1,026	28.76%	318	42.23%	2,306	64.63%
6	44	5.84%	264	7.40%	541	71.85%	1,290	36.15%	256	34.00%	2,562	71.80%
7	37	4.91%	259	7.26%	578	76.76%	1,549	43.41%	212	28.15%	2,774	77.75%
8	29	3.85%	232	6.50%	607	80.61%	1,781	49.92%	175	23.24%	2,949	82.65%
9	16	2.12%	144	4.04%	623	82.74%	1,925	53.95%	146	19.39%	3,095	86.74%
10	23	3.05%	230	6.45%	646	85.79%	2,155	60.40%	130	17.26%	3,225	90.39%
11	13	1.73%	143	4.01%	659	87.52%	2,298	64.41%	107	14.21%	3,332	93.39%
12	19	2.52%	228	6.39%	678	90.04%	2,526	70.80%	94	12.48%	3,426	96.02%
13	8	1.06%	104	2.91%	686	91.10%	2,630	73.71%	75	9.96%	3,501	98.12%
14	67	8.90%	938	26.29%	753	100.00%	3,568	100.00%	67	8.90%	3,568	100.00%
15	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
16	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
17	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
18	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
19	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
20	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
25	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
30	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
35	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
40	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
45	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
50	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
75	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
80	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
100	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
125	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
150	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
200	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
300	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
400	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
500	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
600	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
700	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
800	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
900	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
1,000	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
1,000,000	0	0.00%	0	0.00%	753	100.00%	3,568	100.00%	0	0.00%	3,568	100.00%
	753		3,568									

Schedule 11C
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Wastewater Inside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	11	91.67%	0	0.00%	11	91.67%	0	0.00%	12	100.00%	0	0.00%
1	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	1	16.67%
2	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	2	33.33%
3	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	3	50.00%
4	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	4	66.67%
5	0	0.00%	0	0.00%	11	91.67%	0	0.00%	1	8.33%	5	83.33%
6	1	8.33%	6	100.00%	12	100.00%	6	100.00%	1	8.33%	6	100.00%
7	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
8	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
9	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
10	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
11	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
12	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
13	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
14	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
15	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
16	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
17	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
18	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
19	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
20	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
25	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
30	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
35	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
40	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
45	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
50	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
75	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
80	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
100	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
125	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
150	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
200	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
300	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
400	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
500	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
600	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
700	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
800	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
900	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
1,000,000	0	0.00%	0	0.00%	12	100.00%	6	100.00%	0	0.00%	6	100.00%
	12		6									

Schedule 12A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Wastewater Outside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	129	21.15%	0	0.00%	129	21.15%	0	0.00%	610	100.00%	0	0.00%
1	34	5.57%	34	0.91%	163	26.72%	34	0.91%	481	78.85%	481	12.84%
2	36	5.90%	72	1.92%	199	32.62%	106	2.83%	447	73.28%	928	24.78%
3	45	7.38%	135	3.60%	244	40.00%	241	6.43%	411	67.38%	1,339	35.75%
4	55	9.02%	219	5.85%	299	49.02%	460	12.29%	366	60.00%	1,704	45.50%
5	41	6.72%	204	5.45%	340	55.74%	664	17.74%	311	50.98%	2,014	53.78%
6	30	4.92%	179	4.78%	370	60.66%	844	22.52%	270	44.26%	2,284	60.97%
7	20	3.28%	139	3.71%	390	63.93%	983	26.23%	240	39.34%	2,523	67.35%
8	19	3.11%	152	4.06%	409	67.05%	1,135	30.29%	220	36.07%	2,743	73.22%
9	14	2.30%	125	3.35%	423	69.34%	1,260	33.64%	201	32.95%	2,943	78.57%
10	11	1.80%	110	2.94%	434	71.15%	1,370	36.58%	187	30.66%	3,130	83.56%
11	12	1.97%	131	3.50%	446	73.11%	1,501	40.08%	176	28.85%	3,305	88.24%
12	18	2.95%	216	5.77%	464	76.07%	1,717	45.85%	164	26.89%	3,469	92.62%
13	19	3.11%	247	6.58%	483	79.18%	1,964	52.43%	146	23.93%	3,615	96.51%
14	126	20.66%	1,764	47.09%	609	99.84%	3,728	99.53%	127	20.82%	3,742	99.90%
15	0	0.00%	0	0.00%	609	99.84%	3,728	99.53%	1	0.16%	3,743	99.93%
16	0	0.00%	0	0.00%	609	99.84%	3,728	99.53%	1	0.16%	3,744	99.95%
17	0	0.00%	0	0.00%	609	99.84%	3,728	99.53%	1	0.16%	3,745	99.98%
18	1	0.16%	18	0.47%	610	100.00%	3,746	100.00%	1	0.16%	3,746	100.00%
19	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
20	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
25	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
30	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
35	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
40	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
45	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
50	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
75	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
80	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
100	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
125	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
150	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
200	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
300	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
400	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
500	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
600	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
700	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
800	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
900	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
1,000	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
1,000,000	0	0.00%	0	0.00%	610	100.00%	3,746	100.00%	0	0.00%	3,746	100.00%
	610		3,746									

Schedule 12B
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
Residential Wastewater Outside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	0	0.00%
1	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	12	7.14%
2	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	24	14.29%
3	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	36	21.43%
4	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	48	28.57%
5	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	60	35.71%
6	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	72	42.86%
7	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	84	50.00%
8	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	96	57.14%
9	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	108	64.29%
10	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	120	71.43%
11	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	132	78.57%
12	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	144	85.71%
13	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	156	92.86%
14	12	100.00%	168	100.00%	12	100.00%	168	100.00%	12	100.00%	168	100.00%
15	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
16	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
17	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
18	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
19	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
20	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
25	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
30	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
35	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
40	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
45	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
50	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
75	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
80	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
100	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
125	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
150	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
200	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
300	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
400	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
500	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
600	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
700	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
800	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
900	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
1,000,000	0	0.00%	0	0.00%	12	100.00%	168	100.00%	0	0.00%	168	100.00%
	12		168									

Schedule 13A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	1,626	38.01%	0	0.00%	1,626	38.01%	0	0.00%	4,278	100.00%	0	0.00%
1	809	18.91%	809	2.42%	2,435	56.92%	809	2.42%	2,652	61.99%	2,652	7.93%
2	366	8.56%	732	2.19%	2,801	65.47%	1,541	4.61%	1,843	43.08%	4,495	13.45%
3	216	5.05%	648	1.94%	3,017	70.52%	2,189	6.55%	1,477	34.53%	5,972	17.86%
4	195	4.56%	780	2.33%	3,212	75.08%	2,969	8.88%	1,261	29.48%	7,233	21.64%
5	126	2.95%	630	1.88%	3,338	78.03%	3,599	10.77%	1,066	24.92%	8,299	24.83%
6	90	2.10%	540	1.62%	3,428	80.13%	4,139	12.38%	940	21.97%	9,239	27.64%
7	59	1.38%	413	1.24%	3,487	81.51%	4,552	13.62%	850	19.87%	10,089	30.18%
8	64	1.50%	512	1.53%	3,551	83.01%	5,064	15.15%	791	18.49%	10,880	32.55%
9	71	1.66%	639	1.91%	3,622	84.67%	5,703	17.06%	727	16.99%	11,607	34.72%
10	52	1.22%	520	1.56%	3,674	85.88%	6,223	18.62%	656	15.33%	12,263	36.68%
11	49	1.15%	539	1.61%	3,723	87.03%	6,762	20.23%	604	14.12%	12,867	38.49%
12	39	0.91%	468	1.40%	3,762	87.94%	7,230	21.63%	555	12.97%	13,422	40.15%
13	39	0.91%	507	1.52%	3,801	88.85%	7,737	23.14%	516	12.06%	13,938	41.69%
14	38	0.89%	532	1.59%	3,839	89.74%	8,269	24.74%	477	11.15%	14,415	43.12%
15	44	1.03%	660	1.97%	3,883	90.77%	8,929	26.71%	439	10.26%	14,854	44.43%
16	26	0.61%	416	1.24%	3,909	91.37%	9,345	27.95%	395	9.23%	15,249	45.61%
17	28	0.65%	476	1.42%	3,937	92.03%	9,821	29.38%	369	8.63%	15,618	46.72%
18	24	0.56%	432	1.29%	3,961	92.59%	10,253	30.67%	341	7.97%	15,959	47.74%
19	17	0.40%	323	0.97%	3,978	92.99%	10,576	31.64%	317	7.41%	16,276	48.69%
20	17	0.40%	340	1.02%	3,995	93.38%	10,916	32.65%	300	7.01%	16,576	49.58%
25	61	1.43%	1,389	4.15%	4,056	94.81%	12,305	36.81%	283	6.62%	17,855	53.41%
30	27	0.63%	752	2.25%	4,083	95.44%	13,057	39.06%	222	5.19%	18,907	56.56%
35	28	0.65%	917	2.74%	4,111	96.10%	13,974	41.80%	195	4.56%	19,819	59.29%
40	18	0.42%	684	2.05%	4,129	96.52%	14,658	43.85%	167	3.90%	20,618	61.68%
45	13	0.30%	561	1.68%	4,142	96.82%	15,219	45.52%	149	3.48%	21,339	63.83%
50	5	0.12%	236	0.71%	4,147	96.94%	15,455	46.23%	136	3.18%	22,005	65.82%
75	41	0.96%	2,480	7.42%	4,188	97.90%	17,935	53.65%	131	3.06%	24,685	73.84%
80	3	0.07%	234	0.70%	4,191	97.97%	18,169	54.35%	90	2.10%	25,129	75.17%
100	14	0.33%	1,227	3.67%	4,205	98.29%	19,396	58.02%	87	2.03%	26,696	79.86%
125	11	0.26%	1,222	3.66%	4,216	98.55%	20,618	61.68%	73	1.71%	28,368	84.86%
150	13	0.30%	1,757	5.26%	4,229	98.85%	22,375	66.93%	62	1.45%	29,725	88.92%
200	27	0.63%	4,705	14.07%	4,256	99.49%	27,080	81.01%	49	1.15%	31,480	94.17%
300	10	0.23%	2,167	6.48%	4,266	99.72%	29,247	87.49%	22	0.51%	32,847	98.26%
400	12	0.28%	4,183	12.51%	4,278	100.00%	33,430	100.00%	12	0.28%	33,430	100.00%
500	0	0.00%	0	0.00%	4,278	100.00%	33,430	100.00%	0	0.00%	33,430	100.00%
600	0	0.00%	0	0.00%	4,278	100.00%	33,430	100.00%	0	0.00%	33,430	100.00%
700	0	0.00%	0	0.00%	4,278	100.00%	33,430	100.00%	0	0.00%	33,430	100.00%
800	0	0.00%	0	0.00%	4,278	100.00%	33,430	100.00%	0	0.00%	33,430	100.00%
900	0	0.00%	0	0.00%	4,278	100.00%	33,430	100.00%	0	0.00%	33,430	100.00%
1,000	0	0.00%	0	0.00%	4,278	100.00%	33,430	100.00%	0	0.00%	33,430	100.00%
1,000,000	0	0.00%	0	0.00%	4,278	100.00%	33,430	100.00%	0	0.00%	33,430	100.00%
	4,278		33,430									

Schedule 13B
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	141	12.57%	0	0.00%	141	12.57%	0	0.00%	1,122	100.00%	0	0.00%
3	268	23.89%	397	2.65%	409	36.45%	397	2.65%	981	87.43%	2,180	14.56%
5	216	19.25%	832	5.56%	625	55.70%	1,229	8.21%	713	63.55%	3,714	24.81%
8	71	6.33%	454	3.03%	696	62.03%	1,683	11.24%	497	44.30%	4,878	32.59%
10	85	7.58%	773	5.16%	781	69.61%	2,456	16.41%	426	37.97%	5,866	39.19%
13	33	2.94%	376	2.51%	814	72.55%	2,832	18.92%	341	30.39%	6,682	44.64%
15	54	4.81%	753	5.03%	868	77.36%	3,585	23.95%	308	27.45%	7,395	49.41%
18	26	2.32%	429	2.87%	894	79.68%	4,014	26.82%	254	22.64%	8,004	53.47%
20	48	4.28%	908	6.07%	942	83.96%	4,922	32.88%	228	20.32%	8,522	56.93%
23	15	1.34%	326	2.18%	957	85.29%	5,248	35.06%	180	16.04%	8,961	59.86%
25	21	1.87%	507	3.39%	978	87.17%	5,755	38.45%	165	14.71%	9,355	62.50%
28	15	1.34%	397	2.65%	993	88.50%	6,152	41.10%	144	12.83%	9,700	64.80%
30	12	1.07%	347	2.32%	1,005	89.57%	6,499	43.42%	129	11.50%	10,009	68.87%
33	9	0.80%	283	1.89%	1,014	90.37%	6,782	45.31%	117	10.43%	10,292	68.76%
35	11	0.98%	372	2.49%	1,025	91.35%	7,154	47.80%	108	9.63%	10,549	70.48%
38	6	0.53%	218	1.46%	1,031	91.89%	7,372	49.25%	97	8.65%	10,785	72.05%
40	9	0.80%	348	2.32%	1,040	92.69%	7,720	51.58%	91	8.11%	11,000	73.49%
43	5	0.45%	208	1.39%	1,045	93.14%	7,928	52.97%	82	7.31%	11,201	74.83%
45	6	0.53%	263	1.76%	1,051	93.67%	8,191	54.72%	77	6.86%	11,386	76.07%
48	4	0.36%	187	1.25%	1,055	94.03%	8,378	55.97%	71	6.33%	11,561	77.23%
50	5	0.45%	247	1.65%	1,060	94.47%	8,625	57.62%	67	5.97%	11,725	78.33%
63	14	1.25%	786	5.25%	1,074	95.72%	9,411	62.87%	62	5.53%	12,411	82.92%
75	13	1.16%	871	5.82%	1,087	96.88%	10,282	68.69%	48	4.28%	12,907	86.23%
88	9	0.80%	721	4.82%	1,096	97.68%	11,003	73.51%	35	3.12%	13,278	88.71%
100	5	0.45%	466	3.11%	1,101	98.13%	11,469	76.62%	26	2.32%	13,569	90.65%
113	5	0.45%	533	3.56%	1,106	98.57%	12,002	80.18%	21	1.87%	13,802	92.21%
125	5	0.45%	595	3.98%	1,111	99.02%	12,597	84.16%	16	1.43%	13,972	93.35%
188	8	0.71%	1,159	7.74%	1,119	99.73%	13,756	91.90%	11	0.98%	14,319	95.66%
200	0	0.00%	0	0.00%	1,119	99.73%	13,756	91.90%	3	0.27%	14,356	95.91%
250	1	0.09%	210	1.40%	1,120	99.82%	13,966	93.31%	3	0.27%	14,466	96.65%
313	0	0.00%	0	0.00%	1,120	99.82%	13,966	93.31%	2	0.18%	14,591	97.48%
375	0	0.00%	0	0.00%	1,120	99.82%	13,966	93.31%	2	0.18%	14,716	98.32%
500	1	0.09%	435	2.91%	1,121	99.91%	14,401	96.21%	2	0.18%	14,901	99.55%
750	1	0.09%	567	3.79%	1,122	100.00%	14,968	100.00%	1	0.09%	14,968	100.00%
1,000	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
1,250	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
1,500	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
1,750	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
2,000	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
2,250	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
2,500	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
2,500,000	0	0.00%	0	0.00%	1,122	100.00%	14,968	100.00%	0	0.00%	14,968	100.00%
	1,122		14,968									

Schedule 13C
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 1.5 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	60	14.60%	0	0.00%	60	14.60%	0	0.00%	411	100.00%	0	0.00%
5	90	21.90%	271	2.04%	150	36.50%	271	2.04%	351	85.40%	1,576	11.85%
10	33	8.03%	247	1.86%	183	44.53%	518	3.90%	261	63.50%	2,798	21.04%
15	24	5.84%	315	2.37%	207	50.36%	833	6.26%	228	55.47%	3,893	29.27%
20	25	6.08%	435	3.27%	232	56.45%	1,268	9.53%	204	49.64%	4,848	36.45%
25	27	6.57%	599	4.50%	259	63.02%	1,867	14.04%	179	43.55%	5,667	42.61%
30	21	5.11%	591	4.44%	280	68.13%	2,458	18.48%	152	36.98%	6,388	48.03%
35	18	4.38%	599	4.50%	298	72.51%	3,057	22.99%	131	31.87%	7,012	52.73%
40	9	2.19%	343	2.58%	307	74.70%	3,400	25.57%	113	27.49%	7,560	56.85%
45	13	3.16%	557	4.19%	320	77.86%	3,957	29.75%	104	25.30%	8,052	60.55%
50	7	1.70%	338	2.54%	327	79.56%	4,295	32.30%	91	22.14%	8,495	63.88%
55	14	3.41%	746	5.61%	341	82.97%	5,041	37.91%	84	20.44%	8,891	66.85%
60	7	1.70%	405	3.05%	348	84.67%	5,446	40.95%	70	17.03%	9,226	69.37%
65	8	1.95%	505	3.80%	356	86.62%	5,951	44.75%	63	15.33%	9,526	71.63%
70	2	0.49%	139	1.05%	358	87.10%	6,090	45.79%	55	13.38%	9,800	73.69%
75	2	0.49%	147	1.11%	360	87.59%	6,237	46.90%	53	12.90%	10,062	75.66%
80	5	1.22%	392	2.95%	365	88.81%	6,629	49.85%	51	12.41%	10,309	77.52%
85	1	0.24%	84	0.63%	366	89.05%	6,713	50.48%	46	11.19%	10,538	79.24%
90	8	1.95%	708	5.32%	374	91.00%	7,421	55.80%	45	10.95%	10,751	80.84%
95	2	0.49%	182	1.37%	376	91.48%	7,603	57.17%	37	9.00%	10,928	82.17%
100	4	0.97%	388	2.92%	380	92.46%	7,991	60.09%	35	8.52%	11,091	83.40%
125	11	2.68%	1,226	9.22%	391	95.13%	9,217	69.31%	31	7.54%	11,717	88.10%
150	7	1.70%	908	6.83%	398	96.84%	10,125	76.13%	20	4.87%	12,075	90.80%
175	1	0.24%	167	1.26%	399	97.08%	10,292	77.39%	13	3.16%	12,392	93.18%
200	1	0.24%	185	1.39%	400	97.32%	10,477	78.78%	12	2.92%	12,677	95.32%
225	3	0.73%	632	4.75%	403	98.05%	11,109	83.53%	11	2.68%	12,909	97.07%
250	2	0.49%	489	3.68%	405	98.54%	11,598	87.21%	8	1.95%	13,098	98.49%
375	6	1.46%	1,701	12.79%	411	100.00%	13,299	100.00%	6	1.46%	13,299	100.00%
400	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
500	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
625	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
750	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
1,000	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
1,500	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
2,000	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
2,500	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
3,000	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
3,500	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
4,000	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
4,500	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
5,000	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
5,000,000	0	0.00%	0	0.00%	411	100.00%	13,299	100.00%	0	0.00%	13,299	100.00%
	411		13,299									

Schedule 13D
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 2 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	20	3.36%	0	0.00%	20	3.36%	0	0.00%	595	100.00%	0	0.00%
8	168	28.24%	569	0.75%	188	31.60%	569	0.75%	575	96.64%	3,825	5.03%
16	47	7.90%	575	0.76%	235	39.50%	1,144	1.50%	407	68.40%	6,904	9.07%
24	32	5.38%	638	0.84%	267	44.87%	1,782	2.34%	360	60.50%	9,654	12.69%
32	12	2.02%	329	0.43%	279	46.89%	2,111	2.77%	328	55.13%	12,223	16.07%
40	13	2.18%	477	0.63%	292	49.08%	2,588	3.40%	316	53.11%	14,708	19.33%
48	17	2.86%	756	0.99%	309	51.93%	3,344	4.40%	303	50.92%	17,072	22.44%
56	19	3.19%	1,016	1.34%	328	55.13%	4,360	5.73%	286	48.07%	19,312	25.38%
64	24	4.03%	1,480	1.95%	352	59.16%	5,840	7.68%	267	44.87%	21,392	28.12%
72	26	4.37%	1,805	2.37%	378	63.53%	7,645	10.05%	243	40.84%	23,269	30.58%
80	13	2.18%	986	1.30%	391	65.71%	8,631	11.34%	217	36.47%	24,951	32.79%
88	13	2.18%	1,113	1.46%	404	67.90%	9,744	12.81%	204	34.29%	26,552	34.90%
96	17	2.86%	1,575	2.07%	421	70.76%	11,319	14.88%	191	32.10%	28,023	36.83%
104	11	1.85%	1,095	1.44%	432	72.61%	12,414	16.32%	174	29.24%	29,366	38.60%
112	7	1.18%	758	1.00%	439	73.78%	13,172	17.31%	163	27.39%	30,644	40.28%
120	11	1.85%	1,288	1.69%	450	75.63%	14,460	19.01%	156	26.22%	31,860	41.88%
128	8	1.34%	989	1.30%	458	76.97%	15,449	20.31%	145	24.37%	32,985	43.35%
136	3	0.50%	396	0.52%	461	77.48%	15,845	20.83%	137	23.03%	34,069	44.78%
144	9	1.51%	1,265	1.66%	470	78.99%	17,110	22.49%	134	22.52%	35,110	46.15%
152	7	1.18%	1,051	1.38%	477	80.17%	18,161	23.87%	125	21.01%	36,097	47.44%
160	7	1.18%	1,109	1.46%	484	81.34%	19,270	25.33%	118	19.83%	37,030	48.67%
200	26	4.37%	4,629	6.08%	510	85.71%	23,899	31.41%	111	18.66%	40,899	53.76%
240	6	1.01%	1,311	1.72%	516	86.72%	25,210	33.13%	85	14.29%	44,170	58.06%
280	4	0.67%	1,071	1.41%	520	87.39%	26,281	34.54%	79	13.28%	47,281	62.14%
320	5	0.84%	1,483	1.95%	525	88.24%	27,764	36.49%	75	12.61%	50,164	65.93%
360	1	0.17%	341	0.45%	526	88.40%	28,105	36.94%	70	11.76%	52,945	69.59%
400	5	0.84%	1,935	2.54%	531	89.24%	30,040	39.48%	69	11.60%	55,640	73.13%
600	27	4.54%	13,657	17.95%	558	93.78%	43,697	57.43%	64	10.76%	65,897	86.61%
640	7	1.18%	4,253	5.59%	565	94.96%	47,950	63.02%	37	6.22%	67,150	88.26%
800	13	2.18%	9,577	12.59%	578	97.14%	57,527	75.61%	30	5.04%	71,127	93.49%
1,000	5	0.84%	4,227	5.56%	583	97.98%	61,754	81.17%	17	2.86%	73,754	96.94%
1,200	8	1.34%	9,124	11.99%	591	99.33%	70,878	93.16%	12	2.02%	75,678	99.47%
1,600	4	0.67%	5,205	6.84%	595	100.00%	76,083	100.00%	4	0.67%	76,083	100.00%
2,400	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
3,200	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
4,000	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
4,800	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
5,600	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
6,400	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
7,200	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
8,000	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
8,000,000	0	0.00%	0	0.00%	595	100.00%	76,083	100.00%	0	0.00%	76,083	100.00%
	595		76,083									

Schedule 13E
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 3 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	7	9.72%	0	0.00%	7	9.72%	0	0.00%	72	100.00%	0	0.00%
15	27	37.50%	125	1.03%	34	47.22%	125	1.03%	65	90.28%	695	5.75%
30	2	2.78%	34	0.28%	36	50.00%	159	1.31%	38	52.78%	1,239	10.25%
45	5	6.94%	218	1.80%	41	56.94%	377	3.12%	36	50.00%	1,772	14.65%
60	7	9.72%	372	3.08%	48	66.67%	749	6.19%	31	43.06%	2,189	18.10%
75	1	1.39%	68	0.56%	49	68.06%	817	6.76%	24	33.33%	2,542	21.02%
90	0	0.00%	0	0.00%	49	68.06%	817	6.76%	23	31.94%	2,887	23.88%
105	1	1.39%	100	0.83%	50	69.44%	917	7.58%	23	31.94%	3,227	26.69%
120	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	3,557	29.42%
135	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	3,887	32.15%
150	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	4,217	34.87%
165	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	4,547	37.60%
180	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	4,877	40.33%
195	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	5,207	43.06%
210	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	5,537	45.79%
225	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	5,867	48.52%
240	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	6,197	51.25%
255	0	0.00%	0	0.00%	50	69.44%	917	7.58%	22	30.56%	6,527	53.98%
270	2	2.78%	516	4.27%	52	72.22%	1,433	11.85%	22	30.56%	6,833	56.51%
285	3	4.17%	832	6.88%	55	76.39%	2,265	18.73%	20	27.78%	7,110	58.80%
300	2	2.78%	590	4.88%	57	79.17%	2,855	23.61%	17	23.61%	7,355	60.83%
375	4	5.56%	1,359	11.24%	61	84.72%	4,214	34.85%	15	20.83%	8,339	68.96%
450	1	1.39%	377	3.12%	62	86.11%	4,591	37.97%	11	15.28%	9,091	75.18%
525	3	4.17%	1,391	11.50%	65	90.28%	5,982	49.47%	10	13.89%	9,657	79.86%
600	1	1.39%	592	4.90%	66	91.67%	6,574	54.37%	7	9.72%	10,174	84.14%
675	0	0.00%	0	0.00%	66	91.67%	6,574	54.37%	6	8.33%	10,624	87.86%
750	3	4.17%	2,095	17.33%	69	95.83%	8,669	71.69%	6	8.33%	10,919	90.30%
1,125	2	2.78%	1,922	15.89%	71	98.61%	10,591	87.59%	3	4.17%	11,716	96.89%
1,200	0	0.00%	0	0.00%	71	98.61%	10,591	87.59%	1	1.39%	11,791	97.51%
1,500	0	0.00%	0	0.00%	71	98.61%	10,591	87.59%	1	1.39%	12,091	99.99%
1,875	1	1.39%	1,501	12.41%	72	100.00%	12,092	100.00%	1	1.39%	12,092	100.00%
2,250	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
3,000	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
4,500	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
6,000	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
7,500	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
9,000	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
10,500	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
12,000	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
13,500	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
15,000	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
15,000,000	0	0.00%	0	0.00%	72	100.00%	12,092	100.00%	0	0.00%	12,092	100.00%
	72		12,092									

Schedule 13F
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	19	12.58%	0	0.00%	19	12.58%	0	0.00%	151	100.00%	0	0.00%
25	51	33.77%	582	1.52%	70	46.36%	582	1.52%	132	87.42%	2,607	6.81%
50	29	19.21%	950	2.48%	99	65.56%	1,532	4.00%	81	53.64%	4,132	10.79%
75	5	3.31%	289	0.75%	104	68.87%	1,821	4.75%	52	34.44%	5,346	13.96%
100	3	1.99%	244	0.64%	107	70.86%	2,065	5.39%	47	31.13%	6,465	16.88%
125	1	0.66%	113	0.29%	108	71.52%	2,178	5.69%	44	29.14%	7,553	19.72%
150	1	0.66%	144	0.38%	109	72.19%	2,322	6.06%	43	28.48%	8,622	22.51%
175	0	0.00%	0	0.00%	109	72.19%	2,322	6.06%	42	27.81%	9,672	25.25%
200	1	0.66%	183	0.48%	110	72.85%	2,505	6.54%	42	27.81%	10,705	27.95%
225	5	3.31%	1,074	2.80%	115	76.16%	3,579	9.34%	41	27.15%	11,679	30.49%
250	3	1.99%	701	1.83%	118	78.15%	4,280	11.17%	36	23.84%	12,530	32.71%
275	0	0.00%	0	0.00%	118	78.15%	4,280	11.17%	33	21.85%	13,355	34.86%
300	1	0.66%	281	0.73%	119	78.81%	4,561	11.91%	33	21.85%	14,161	36.97%
325	2	1.32%	628	1.64%	121	80.13%	5,189	13.55%	32	21.19%	14,939	39.00%
350	5	3.31%	1,656	4.32%	126	83.44%	6,845	17.87%	30	19.87%	15,595	40.71%
375	0	0.00%	0	0.00%	126	83.44%	6,845	17.87%	25	16.56%	16,220	42.34%
400	1	0.66%	377	0.98%	127	84.11%	7,222	18.85%	25	16.56%	16,822	43.91%
425	0	0.00%	0	0.00%	127	84.11%	7,222	18.85%	24	15.89%	17,422	45.48%
450	1	0.66%	441	1.15%	128	84.77%	7,663	20.00%	24	15.89%	18,013	47.02%
475	1	0.66%	472	1.23%	129	85.43%	8,135	21.24%	23	15.23%	18,585	48.52%
500	0	0.00%	0	0.00%	129	85.43%	8,135	21.24%	22	14.57%	19,135	49.95%
625	4	2.65%	2,214	5.78%	133	88.08%	10,349	27.02%	22	14.57%	21,599	56.39%
750	4	2.65%	2,819	7.36%	137	90.73%	13,168	34.38%	18	11.92%	23,668	61.79%
875	2	1.32%	1,635	4.27%	139	92.05%	14,803	38.64%	14	9.27%	25,303	66.05%
1,000	0	0.00%	0	0.00%	139	92.05%	14,803	38.64%	12	7.95%	26,803	69.97%
1,125	0	0.00%	0	0.00%	139	92.05%	14,803	38.64%	12	7.95%	28,303	73.89%
1,250	0	0.00%	0	0.00%	139	92.05%	14,803	38.64%	12	7.95%	29,803	77.80%
1,875	3	1.99%	5,435	14.19%	142	94.04%	20,238	52.83%	12	7.95%	37,113	96.89%
2,000	6	3.97%	11,619	30.33%	148	98.01%	31,857	83.16%	9	5.96%	37,857	98.83%
2,500	3	1.99%	6,449	16.84%	151	100.00%	38,306	100.00%	3	1.99%	38,306	100.00%
3,125	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
3,750	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
5,000	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
7,500	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
10,000	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
12,500	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
15,000	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
17,500	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
20,000	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
22,500	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
25,000	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
25,000,000	0	0.00%	0	0.00%	151	100.00%	38,306	100.00%	0	0.00%	38,306	100.00%
	151		38,306									

Schedule 13G
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 6 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	4	33.33%	0	0.00%	4	33.33%	0	0.00%	12	100.00%	0	0.00%
50	8	66.67%	60	100.00%	12	100.00%	60	100.00%	8	66.67%	60	100.00%
100	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
150	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
200	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
300	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
350	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
400	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
450	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
550	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
600	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
650	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
700	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
750	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
800	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
850	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
900	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
950	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
1,750	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
2,250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
2,500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
3,750	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
4,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
5,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
6,250	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
7,500	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
10,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
15,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
20,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
25,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
30,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
35,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
40,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
45,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
50,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
50,000,000	0	0.00%	0	0.00%	12	100.00%	60	100.00%	0	0.00%	60	100.00%
	12		60									

Schedule 13H
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Inside 10 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	0	0.00%
115	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	2,760	12.50%
230	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	5,520	25.01%
345	3	12.50%	990	4.48%	3	12.50%	990	4.48%	24	100.00%	8,235	37.30%
460	2	8.33%	820	3.71%	5	20.83%	1,810	8.20%	21	87.50%	10,550	47.79%
575	4	16.67%	2,015	9.13%	9	37.50%	3,825	17.33%	19	79.17%	12,450	56.40%
690	3	12.50%	1,920	8.70%	12	50.00%	5,745	26.02%	15	62.50%	14,025	63.53%
805	0	0.00%	0	0.00%	12	50.00%	5,745	26.02%	12	50.00%	15,405	69.78%
920	0	0.00%	0	0.00%	12	50.00%	5,745	26.02%	12	50.00%	16,785	76.04%
1,035	0	0.00%	0	0.00%	12	50.00%	5,745	26.02%	12	50.00%	18,165	82.29%
1,150	3	12.50%	3,330	15.08%	15	62.50%	9,075	41.11%	12	50.00%	19,425	88.00%
1,265	1	4.17%	1,186	5.37%	16	66.67%	10,261	46.48%	9	37.50%	20,381	92.33%
1,380	4	16.67%	5,190	23.51%	20	83.33%	15,451	69.99%	8	33.33%	20,971	95.00%
1,495	1	4.17%	1,474	6.68%	21	87.50%	16,925	76.67%	4	16.67%	21,410	96.99%
1,610	0	0.00%	0	0.00%	21	87.50%	16,925	76.67%	3	12.50%	21,755	98.55%
1,725	2	8.33%	3,347	15.16%	23	95.83%	20,272	91.83%	3	12.50%	21,997	99.65%
1,840	1	4.17%	1,803	8.17%	24	100.00%	22,075	100.00%	1	4.17%	22,075	100.00%
1,955	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,070	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,185	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,300	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
2,875	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
3,450	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
4,025	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
4,600	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
5,175	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
5,750	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
8,625	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
9,200	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
11,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
14,375	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
17,250	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
23,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
34,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
46,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
57,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
69,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
80,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
92,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
103,500	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
115,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
115,000,000	0	0.00%	0	0.00%	24	100.00%	22,075	100.00%	0	0.00%	22,075	100.00%
	24		22,075									

Schedule 14A
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Outside 3/4 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	47	97.92%	0	0.00%	47	97.92%	0	0.00%	48	100.00%	0	0.00%
1	0	0.00%	0	0.00%	47	97.92%	0	0.00%	1	2.08%	1	20.00%
2	0	0.00%	0	0.00%	47	97.92%	0	0.00%	1	2.08%	2	40.00%
3	0	0.00%	0	0.00%	47	97.92%	0	0.00%	1	2.08%	3	60.00%
4	0	0.00%	0	0.00%	47	97.92%	0	0.00%	1	2.08%	4	80.00%
5	1	2.08%	5	100.00%	48	100.00%	5	100.00%	1	2.08%	5	100.00%
6	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
7	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
8	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
9	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
10	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
11	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
12	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
13	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
14	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
15	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
16	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
17	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
18	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
19	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
20	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
25	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
30	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
35	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
40	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
45	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
50	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
75	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
80	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
100	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
125	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
150	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
200	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
300	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
400	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
500	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
600	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
700	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
800	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
900	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
1,000	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
1,000,000	0	0.00%	0	0.00%	48	100.00%	5	100.00%	0	0.00%	5	100.00%
	48		5									

Schedule 14B
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Outside 1 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	13	100.00%	0	0.00%
3	0	0.00%	0	0.00%	0	0.00%	0	0.00%	13	100.00%	33	35.33%
5	2	15.38%	8	8.70%	2	15.38%	8	8.70%	13	100.00%	63	68.48%
8	5	38.46%	33	35.87%	7	53.85%	41	44.57%	11	84.62%	86	93.48%
10	5	38.46%	40	43.48%	12	92.31%	81	88.04%	6	46.15%	91	98.91%
13	1	7.69%	11	11.96%	13	100.00%	92	100.00%	1	7.69%	92	100.00%
15	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
18	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
20	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
23	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
25	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
28	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
30	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
33	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
35	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
38	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
40	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
43	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
45	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
48	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
50	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
63	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
75	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
88	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
100	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
113	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
125	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
188	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
200	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
250	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
313	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
375	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
500	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
750	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
1,000	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
1,250	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
1,500	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
1,750	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
2,000	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
2,250	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
2,500	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
2,500,000	0	0.00%	0	0.00%	13	100.00%	92	100.00%	0	0.00%	92	100.00%
	13		92									

Schedule 14C
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Outside 2 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	24	100.00%	0	0.00%
8	6	25.00%	37	5.26%	6	25.00%	37	5.26%	24	100.00%	181	25.71%
16	6	25.00%	69	9.80%	12	50.00%	106	15.06%	18	75.00%	298	42.33%
24	1	4.17%	22	3.13%	13	54.17%	128	18.18%	12	50.00%	392	55.68%
32	2	8.33%	54	7.67%	15	62.50%	182	25.85%	11	45.83%	470	66.76%
40	1	4.17%	40	5.68%	16	66.67%	222	31.53%	9	37.50%	542	76.99%
48	3	12.50%	134	19.03%	19	79.17%	356	50.57%	8	33.33%	596	84.66%
56	0	0.00%	0	0.00%	19	79.17%	356	50.57%	5	20.83%	636	90.34%
64	1	4.17%	59	8.38%	20	83.33%	415	58.95%	5	20.83%	671	95.31%
72	3	12.50%	210	29.83%	23	95.83%	625	88.78%	4	16.67%	697	99.01%
80	1	4.17%	79	11.22%	24	100.00%	704	100.00%	1	4.17%	704	100.00%
88	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
96	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
104	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
112	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
120	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
128	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
136	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
144	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
152	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
160	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
200	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
240	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
280	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
320	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
360	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
400	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
600	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
640	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
800	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
1,000	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
1,200	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
1,600	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
2,400	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
3,200	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
4,000	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
4,800	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
5,600	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
6,400	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
7,200	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
8,000	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
8,000,000	0	0.00%	0	0.00%	24	100.00%	704	100.00%	0	0.00%	704	100.00%
	24		704									

Schedule 14D
City of Tavares
Customer Billing Frequency Analysis
Analysis Period October 2011 Through September 2012
General Service Wastewater Outside 6 Inch

Consumption Level (000s)	Consumption Level Events				Cumulative Billing				Reverse Billing			
	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent	Events	Percent	Flow	Percent
0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	100.00%	0	0.00%
50	12	100.00%	51	100.00%	12	100.00%	51	100.00%	12	100.00%	51	100.00%
100	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
150	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
200	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
300	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
350	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
400	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
450	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
550	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
600	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
650	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
700	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
750	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
800	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
850	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
900	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
950	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
1,750	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
2,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
2,250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
2,500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
3,750	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
4,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
5,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
6,250	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
7,500	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
10,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
15,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
20,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
25,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
30,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
35,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
40,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
45,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
50,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
50,000,000	0	0.00%	0	0.00%	12	100.00%	51	100.00%	0	0.00%	51	100.00%
	12		51									