St. Mary's County Metropolitan Commission

Water & Sewer Rate Study



Final Report

January 21, 2015

Prepared by:



Burton & Associates

January 21, 2015

Ms. Becky Shick Chief Financial Officer 23121 Camden Way, California, MD 20619

Re: Water and Sewer Rate Study

Dear Ms. Shick,

Burton & Associates is pleased to present this Final Report of the Water and Sewer Rate Study (Study) that we performed for the St. Mary's County Metropolitan Commission (MetCom).

We appreciate the fine assistance provided by you and all of the members of MetCom staff who participated in the Study. If you or others at MetCom have any questions, please do not hesitate to call me at (813) 443-5138 or email me at aburnham@burtonandassociates.com.

Sincerely,

Andrew J. Burnham Senior Vice President

Enclosure

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EXECUTIVE SUMMARY

E.1 INTRODUCTION

This Executive Summary presents an overview of the results of the Water & Sewer Rate

Study (Study) that was conducted for the water and sewer utility systems of the St.

Mary's County Metropolitan Commission (MetCom) by Burton & Associates.

E.1.1 Objectives

The principal objectives or components of the Study are as follows:

Revenue Sufficiency Analysis – Develop a multi-year plan of water and sewer rate

revenue increases that will satisfy the operating and minor asset replacement costs of

MetCom, as well as the establishment and maintenance of adequate reserves.

Rate Structure Modifications - Develop modifications, as appropriate, to ensure that

MetCom's water and sewer rates conform to accepted industry practice and reflect a fair

and equitable distribution of system costs while ensuring adequate fixed cost recovery,

enhancing affordability for low volume and average users, and providing a price

incentive for water conservation from higher volume users.

Assist in the Update of Miscellaneous Service Charges – Assist MetCom staff in

identifying the cost of providing its various miscellaneous services (such as meter

installation, service reconnection, inspections, plan reviews, etc.) to serve as the basis for

potential adjustments to the charges for these types of services.

E.2 REVENUE SUFFICIENCY ANALYSIS

This analysis evaluated the sufficiency of MetCom's revenues to meet all of its current and projected financial requirements over a ten-year projection period, and determined the level of any water and sewer rate revenue increases necessary in each year of the projection period to provide sufficient revenues to fund all of its cost requirements. With MetCom staff, we thoroughly discussed the base data and assumptions of the analysis and reviewed several alternative scenarios (particularly in regard to alternative reserve levels and rate adjustment plans). Through this process, we identified the recommended financial management plan and associated plan of annual water and sewer rate revenue The recommended financial management plan and increases presented herein. corresponding plan of annual water and sewer rate revenue adjustments is based upon the revenue and expense information, beginning balances, and assumptions as described in Section 2 of this report. Appendix A includes detailed schedules presenting all components of the financial management plan, while the recommended five-year rate revenue adjustment plan is presented in the following table:

Recommended Plan of Water & Sewer Rate Revenue Increases

	FY 15 ¹	FY 16 ²	FY 17	<u>FY 18</u>	<u>FY 19</u>
Effective Date	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18
Water Rate Revenue Increase	0.00%	3.00%	3.00%	3.00%	3.00%
Sewer Rate Revenue Increase	3.67%	3.75%	3.75%	3.75%	3.75%
Combined Impact to Typical Residential User (15,000 Gallons per Quarter)	2.40%	(3.32%)	3.52%	3.52%	3.52%

¹ FY 2015 increases were developed and implemented by MetCom

The financial management plan developed for MetCom as part of this Study reflects a five-year rate adjustment plan (FY 2015 – FY 2019) that meets the projected annual cost requirements of each respective system while establishing reserves to recommended levels by the end of the five-year period. Upon completion of the five-year plan, it is projected that MetCom will be able to operate with very modest annual increases to keep pace with assumed cost inflation starting in FY 2020.

² FY 2016 increases were achieved within the recommended rate structure adjustments identified in Section 3 of this report, which actually reduces the cost of service for low volume and average residential users.

It is important to note that we also recommend that MetCom conduct annual reviews to account for changes in customer growth, cost inflation, demands, regulatory requirements, and the impacts of any efficiency or cost savings initiatives. In doing so, MetCom could then modify its rate adjustment plans to ensure the sustainability of the water and sewer systems while minimizing rates to the greatest extent possible.

E.3 RATE STRUCTURE MODIFICATIONS

Burton & Associates examined MetCom's current retail water and sewer rates and developed recommended rate structure modifications that should be considered to i) fairly and equitably recover its current cost of service and revenue requirements, ii) conform to accepted national and local industry practices, iii) enhance fiscal stability and recovery of fixed costs, iv) enhance affordability to low and average volume users, v) provide a price incentive for water conservation, and vi) minimize administrative burden while enhancing the ability to be easily understood.

Notably, the recommended rate structure modifications include:

- 1) Establish separate water and sewer readiness-to-serve charges to recover a portion of the fixed operating costs of the systems from users. The charge would be scaled by meter size based upon maximum flow rates by meter size as published by the American Water Works Association (AWWA).
- 2) Remove minimum monthly billed usage amount and bill all metered use, which will avoid low volume users paying for water (and sewer) service they do not use.
- 3) Establish the following inclining block water usage rate structure that will provide affordability for low/average users and promote water conservation.
 - First tier: Essential domestic use for typical residence (lowest rate)
 - > Second tier: Normal amount of irrigation for typical residence (higher rate)
 - ➤ Third tier: All remaining usage (highest rate)

The amount of water within each tier of the inclining block rate structure for larger meters should be scaled or adjusted based upon the maximum flow rates by meter size as published by the AWWA.

- 4) Updated water and sewer non-metered service rates to be equal to the readiness-to-serve charge plus usage charges for typical residential user (5,000 gal.).
- 5) Bill residential sewer accounts metered rates (currently billed non-metered rates).
- 6) Continue to apply a single usage or metered volume-based rate for sewer service to all customers based upon the portion of the revenue requirement to be recovered in usage-based rates divided by total volume.
- 7) Apply the volume-based sewer usage charge to 100% of metered water volume.

The table below presents the monthly impact to a single-family residential customer with a 5/8" meter of the recommended rate structure for FY 2016 (which includes the identified revenue increases from the revenue sufficiency analysis). The table highlights the typical usage for this meter size (5,000 gallons) and demonstrates that a customer using this amount of water would see a \$1.80 decrease (or a 3.3% reduction) in their monthly cost per the rate structure proposed for FY 2016. A schedule of the water and sewer rates recommended for FY 2016, additional customer impact tables, and residential bill comparisons to local communities are included in Appendix B of this report.

Single Family 5/8" Meter Monthly Water & Sewer Bill Calculations								
Monthly	Est. % of							
Use (Gal)	<u>Bills</u>	Agg. %	<u>FY</u>	14/15	<u>F</u>	<u>/ 15/16</u>		\$ Chg
0	1.4%	1.4%	\$	54.25	\$	23.90	\$	(30.35)
1,000	5.2%	6.6%	\$	54.25	\$	29.61	\$	(24.64)
2,000	10.5%	17.0%	\$	54.25	\$	35.32	\$	(18.93)
3,000	13.9%	30.9%	\$	54.25	\$	41.03	\$	(13.22)
4,000	15.6%	46.5%	\$	54.25	\$	46.74	\$	(7.51)
5,000	13.8%	60.3%	\$	54.25	\$	52.45	\$	(1.80)
6,000	12.4%	72.7%	\$	54.25	\$	59.69	\$	5.44
7,000	7.7%	80.3%	\$	57.32	\$	66.93	\$	9.61
8,000	5.3%	85.6%	\$	60.39	\$	74.17	\$	13.78
9,000	3.5%	89.2%	\$	63.46	\$	81.41	\$	17.95
10,000	2.5%	91.7%	\$	66.53	\$	88.65	\$	22.12
15,000	0.6%	97.0%	\$	81.88	\$	124.85	\$	42.97
20,000	0.3%	98.7%	\$	97.23	\$	161.05	\$	63.82

E.4 MISCELLANEOUS SERVICE CHARGES

MetCom currently applies miscellaneous service charges in relation to the provision of specific services to individual customers. Inspections, reconnections, and meter installations are examples of the types of services for which MetCom has miscellaneous service charges. The intent of miscellaneous service charges is to ensure that the recipient of a specific service bears the costs associated with providing that service.

Burton & Associates created a cost-of-service template to be used for each miscellaneous service charge listed in MetCom's rate policies and schedules as well as any new charges MetCom may wish to consider. This template provides a consistent methodology for assigning the appropriate time and material costs necessary to provide each service (see Appendix C for screen captures of the Miscellaneous Fee Developer customized for MetCom). Upon population of the templates for each service, MetCom staff will identify any adjustments to these types of fees for consideration by the Commission at a later date as part of a proposed policy and/or fee schedule revision.

SECTION 1. INTRODUCTION

This report presents the results of the Water & Sewer Rate Study (Study) that was conducted for the water and sewer systems of the St. Mary's County Metropolitan Commission (MetCom). The following sections of this report describe the source data, assumptions, results, as well as the conclusions and recommendations of the Study.

1.1 BACKGROUND

MetCom was created as a quasi-governmental, non-profit body, for the purpose of providing centralized water and sewer service to St. Mary's County. MetCom is governed by a Board of Commissioners consisting of seven voting members, and one non-voting member. Voting members represent election districts and are appointed by the Board of County Commissioners to serve three-year staggered terms.

MetCom solicited proposals from qualified consultants in January of 2014 to provide a comprehensive study of its water and sewer service charges that will ensure its financial health and stability while appropriately allocating costs among its customers. It is important to note that the study was not intended to cover the structure of fees set to pay for debt service and capital projects (i.e. System Improvement Charges and Capital Contribution Charges), as these structures are calculated and billed as set forth in MetCom's enabling legislation and are not part of its water and sewer service charges. Burton & Associates was selected to perform the comprehensive rate study, the results of which are presented herein.

It is important to note that the Study presented herein was completed by June of 2014, with the results and recommendations of the Study first being presented to the MetCom Board of Commissioners in July of 2014, and subsequently presented to certain customer groups beginning in November of 2014.

1.2 OBJECTIVES

The principal objectives or components of the Study are as follows:

Revenue Sufficiency Analysis – Develop a multi-year plan of water and sewer rate revenue increases that will satisfy the operating and minor asset replacement costs of MetCom, as well as the establishment and maintenance of adequate reserves.

Rate Structure Modifications – Develop modifications, as appropriate, to ensure that MetCom's water and sewer rates conform to accepted industry practice and reflect a fair and equitable distribution of system costs while ensuring adequate fixed cost recovery, enhancing affordability for low volume and average users, and providing a price incentive for water conservation from higher volume users.

Assist in the Update of Miscellaneous Service Charges – Assist MetCom staff in identifying the cost of providing its various miscellaneous services (such as meter installation, service reconnection, inspections, plan reviews, etc.) to serve as the basis for potential adjustments to the charges for these types of services.

SECTION 2. REVENUE SUFFICIENCY ANALYSIS

2.1 DESCRIPTION

This section presents the financial management plan and corresponding plan of water and sewer rate adjustments developed in the Revenue Sufficiency Analysis (RSA) that was conducted as part of the Study. The following sub-sections of the report presents a description of the source data, assumptions, and results of the RSA. Appendix A includes detailed supporting schedules for the financial management plan identified herein for MetCom.

The RSA evaluated the sufficiency of the revenues provided by MetCom's current rates to meet all of its financial requirements over a ten-year projection period of FY 2015 - FY 2024¹, and determined the level of rate revenue increases necessary in each year of the period to provide sufficient revenues to fund its requirements. With MetCom staff, we thoroughly reviewed the source data, assumptions, and several alternative scenarios (particularly in regard to alternative reserve levels and rate adjustment plans). During these work sessions, we examined the impact of various assumptions upon key financial indicators by use of graphical representations projected on a large viewing screen from our computer rate models. In this way, we developed the recommended financial management plan and associated plans of water and sewer rate adjustments presented herein that will allow MetCom to fund its requirements during the projection period.

¹ The RSA begins with FY 2014 data, however, the majority of this information serves as base data upon

which future year projections of rate revenues and fund balances are based. Thus, for purposes of this

analysis, FY 2014 is not considered to be part of the ten-year projection period.

In order to initialize the RSA, we obtained MetCom's historical and budgeted financial information regarding the operation of the water and sewer systems. We also counseled with MetCom staff regarding other assumptions and policies that would affect its financial performance, such as demands and customer growth, levels of reserves, earnings on invested funds, escalation rates for operating costs, etc.

All of this information was entered into our proprietary Financial Analysis and Management System (FAMS-XL©) interactive model. The FAMS-XL© model produced a ten-year projection of the sufficiency of MetCom's revenues to meet all of its current and projected financial requirements and determined the level of rate revenue increases necessary in each year of the projection period to provide sufficient revenues to fund all of its cost requirements, including the establishment and maintenance of appropriate reserve levels.

2.2 SOURCE DATA

The following presents the key source data relied upon in conducting the RSA:

Beginning Fund Balances

The detailed trial balance supporting the audited financial statements as of June 30, 2013 was utilized to establish MetCom's beginning FY 2014 unrestricted fund balance.

Revenues

The revenues utilized in the RSA reflect an evaluation of multiple years of historical results, six months of FY 2014 actual results, and the FY 2015 Budget. For purposes of the RSA, revenues were grouped and classified as retail rate revenue, wholesale revenue, interest income, and other minor revenue from miscellaneous service charges.

Retail rate revenue is comprised of non-metered, metered, and overage charges. Retail rate revenue is based audited FY 2013 results, adjusted annually to reflect additional revenue generated from assumed rate increases, customer growth, and changes in billed volume, as appropriate. Projections of all other revenues were based upon the FY 2015 Budget, excluding interest earnings (which were calculated annually based upon

projected average fund balances and assumed interest rates discussed with MetCom staff), and wholesale revenue from the Navy. Per the terms of a special service agreement, the Navy is charged an annual rate that is to be no more than the cost per thousand gallons of wastewater treatment and disposal at MetCom's Marlay-Taylor Treatment Facility. As such, the RSA calculates the projected revenues from the Navy based upon the projected portion of sewer expenses estimated for the Marlay-Taylor Treatment Facility and assumed customer volumes. Schedule 7 of Appendix A presents the annual calculation of the Navy rate and associated wholesale revenue to MetCom.

Operating Expenditures

MetCom's operating expenditures include all personnel as well as operating and maintenance expenses for its Water, Sewer, Engineering, and Administrative Departments. The RSA based operating expenditure projections on the individual expense categories and expense amounts within the FY 2015 Budget, adjusted annually based upon assumed cost escalation factors that were reviewed with MetCom staff.

Minor Asset Replacement Costs

Minor asset replacement costs reflect the FY 2015 Budget, while FY 2016 and future years reflect a rolling three-year average in order to estimate the continued need for such expenditures in the future. These costs are funded primarily from annual budgeted depreciation expenses, with any supplemental funding required in a particular year coming from either operating revenues or available reserves.

2.3 ASSUMPTIONS

The following presents the key assumptions utilized in the conduct of the RSA:

Cost Escalation

Annual cost escalation factors for each of the various types of operating expenditures were provided by MetCom staff and applied in each year of the projection period beginning in FY 2016. The specific escalation factors assumed for the various categories of expenses can be seen on Schedule 2 of Appendix A.

Cost Allocation

The RSA distributed MetCom's Administrative and Engineering Department costs in

accordance with MetCom's current practice so that unique rate adjustment plans could be

developed for the water and sewer systems based upon their respective cost of service

requirements. A detailed presentation of the Administrative and Engineering Department

cost allocation process is presented on Schedule 8 of Appendix A.

Interest Earnings on Invested Funds

The RSA reflects interest earnings on invested funds at a rate of 0.25% in FY 2015,

0.50% in FY 2016, 0.75% in FY 2017, 1.00% in FY 2018, 1.50% in FY 2019 and 2.00%

in FY 2020 and each year thereafter.

Customer Growth and Volume Forecast

New connection and billed volume projections were based upon a review of historical

data for both metered and unmetered service from FY 2011 through FY 2014, observance

of current environmental and economic conditions, and discussions with staff regarding

the anticipated number of new service connections and trends in billed volumes.

As such, the RSA reflects annual growth in service connections and billed volumes of

1.00% per year, which equates to about 150 new water and 180 new sewer accounts

being added each year on average during the projection period.

Minimum Reserve Policy

Reserve balances for utility systems are funds set aside for a specific cash flow

requirement, financial need, project, task, or legal covenant. These balances are

maintained in order to meet short-term cash flow requirements, and at the same time,

minimize the risk associated with meeting the financial obligations and continued

operational and capital needs under adverse conditions. The level of reserves maintained

by a utility is an important component and consideration of developing a utility system

multi-year financial management plan.

Many utilities, rating agencies, and the investment community as a whole place a

significant emphasis on having sufficient reserves available for potentially adverse

conditions. The rationale related to the maintenance of adequate reserves is twofold. First, it helps to assure a utility that it will have adequate funds available to meet its financial obligations during unusual periods (i.e. when revenues are unusually low and/or expenditures are unusually high). Second, it provides funds that can be used for emergency repairs or replacements to the system that can occur as a result of natural disasters or unanticipated system failures, or to fund capital improvements on an interim basis until long-term funding sources are secured/received.

As such, it is important for MetCom to establish financial policies that clearly state the basis for establishing targeted reserve balances. Financial policies should articulate how these balances are established, their use, and how to determine the adequacy of the reserve fund balances. It is important to note that once reserve targets are established, they should be reviewed annually during the budgeting process to monitor current levels and assure conformance with stated policies and practices. Decisions can be made to maintain, increase, or spend down the reserve balances, as appropriate, depending upon the impact of such decisions to the upcoming budget period.

Moreover, a utility should review the approach used to establish reserve balances every three to five years. This time frame is appropriate given that debt levels and capital infrastructure activity can vary during this time, which would have an effect on the appropriate level of reserve balances. This type of review allows for the philosophy of establishing reserve targets to be modified to better reflect existing conditions and issues.

The financial management plan presented in this report assume that the MetCom will maintain a two-part minimum fund balance or reserve equal to 6 months of annual operating expenditures (excluding depreciation) for the water and sewer systems, plus an additional \$3.5 million to be used for capital improvement interim funding based upon discussions with Metcom staff regarding the magnitude of the multi-year capital improvement program and typical timeframe during which capital expenses are typically incurred before permanent funding sources are in place. The level of reserves recommended herein for MetCom is consistent with 1) our industry experience for similar systems, 2) the findings of reserve studies conducted by the AWWA, and 3) a

healthy level of reserves for a municipal utility system per the evaluation criteria published by the municipal utility ratings agencies, such as Fitch and Standard & Poor's.

Price Elasticity

This adjustment is incorporated into the analysis to reflect that as rates increase, discretionary water consumption will likely decline. Therefore, in order to generate sufficient revenue, projected rate increases will have to be adjusted to reflect a smaller revenue base to which they will be applied, thus causing the projected rate increases to be higher. The price elasticity adjustment reduces water and sewer volume-based revenues by the product of the annual rate increase and the annual assumed elasticity coefficient. In each year of the projection period, the price elasticity coefficient is 0.20, which means that for every 10% increase in price, the RSA reflects a 2% reduction in water (and therefore sewer) retail billed volumes.

2.4 RESULTS

Based upon the data and assumptions presented herein, the Utility's current rates will not provide sufficient revenue to meet its annual operating and minor asset replacement requirements and achieve recommended reserves over a multi-year projection period. As such the RSA developed a financial management plan for MetCom that reflects a five-year rate adjustment plan (FY 2015 – FY 2019) that meets the projected annual cost requirements of each system while increasing reserves to recommended levels by the end of the five-year period. Upon completion of the five-year plan, it is projected that Metcom will be able to sustainably operate its systems with similar modest increases to keep pace with assumed cost inflation.

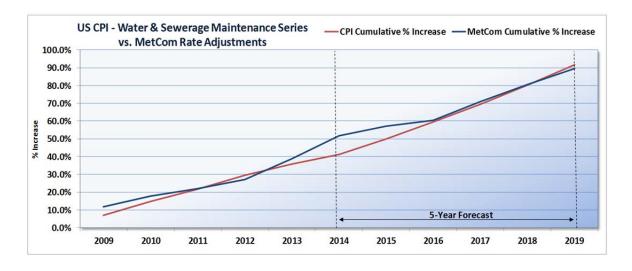
The recommended multi-year retail rate revenue adjustment plans for each respective system are presented in the following table. It is important to note that FY 2016 revenue increases were achieved within recommended rate structure adjustments identified in Section 3 of this report, which actually reduces the cost of service to MetCom's low volume and average residential users.

	FY 15 ¹	FY 16 ²	FY 17	FY 18	FY 19
Effective Date	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18
Water Rate Revenue Increase	0.00%	3.00%	3.00%	3.00%	3.00%
Sewer Rate Revenue Increase	3.67%	3.75%	3.75%	3.75%	3.75%
Combined Impact to Typical Residential User (15,000 Gallons per Quarter)	2.40%	(3.32%)	3.52%	3.52%	3.52%

¹ FY 2015 increases were developed and implemented by MetCom

It is important to note that the recommended annual retail rate adjustments identified herein are consistent with national trends and our industry experience. As demonstrated in the following graph, the U.S. Consumer Price Index (CPI) Water & Sewerage Maintenance Series, which specifically measures the average national change in the cost of water and wastewater service to households, has risen at an average annual rate of about 6% during the past five years. Moreover, many of our clients across the country are presently experiencing rate increase requirements in the range of 3 to 8% per year.

The following graph displays five years of historical and projected increases to MetCom's combined water and sewer cost for its typical residential user (5,000 gallons per month, inclusive of both Service and System Improvement Charges) as compared to the CPI Water & Sewerage Maintenance Series. As can be seen, MetCom's rate increases have been and are expected to remain very consistent with national trends.



² FY 2016 increases were achieved within the recommended rate structure adjustments identified in Section 3 of this report, which actually reduces the cost of service for low volume and average residential users.

2.5 CONCLUSIONS & RECOMMENDATIONS

We have reached the following conclusions and recommendations regarding the sufficiency of MetCom's current water and sewer rates:

- Based upon the assumptions and base data described herein, the revenue produced by MetCom's current rates is not sufficient to address its annual operating, minor capital and reserve requirements.
- We recommend that MetCom replace its existing general fund reserve policies with a reserve policy that is equal to 6 months of operating expenses (excluding depreciation), plus an additional \$3.5 million for interim capital funding purposes.
- We recommend that MetCom commit to a five-year plan to achieve the reserve levels identified herein and adopt the corresponding plan of water and sewer retail rate revenue increases presented for FY 2015 - FY 2019.
- Additionally, we recommend MetCom consider rate structure modifications for FY 2016 as presented in Section 3 of this report. The recommended rate structure modifications conform to accepted industry practice, provide a greater allocation of costs and price incentive for conservation to large users, and enhance affordability for low volume and average users.
- MetCom should update this analysis on an annual basis as part of its budget process to account for any changes in customer growth, billed volumes, inflation, regulatory requirements, and the impacts of any efficiency or cost savings measures. In doing so, MetCom could then modify its rate adjustment plans as appropriate to ensure the financial sustainability of the water and sewer systems while minimizing rates to its customers to the greatest extent possible.

SECTION 3. RATE STRUCTURE MODIFICATIONS

We have reviewed MetCom's current retail water and sewer rate structure, and while we conclude that it is generally fair and equitable, we do recommend certain modifications to the rate structure to address the following objectives:

- i) Fair and equitable recovery of the current cost of service and revenue requirements from each customer class,
- ii) Conformance to accepted national and local industry practices,
- iii) Improved fiscal stability and recovery of fixed costs,
- iv) Enhancement of affordability to low and average volume users,
- v) Provision of a price incentive to promote resource conservation,
- vi) Reduced administrative burden and improved ease of understanding by customers to the greatest extent possible.

The following sub-sections present a description of the basis of the recommended rate structure, supporting FY 2016 rate schedules, as well as the customer impacts of the FY 2016 rate recommendations. The recommended rate structure presented herein is intended for implementation on 7/1/15 (i.e. FY 2016) and includes the recommended FY 2016 water and sewer retail rate revenue increases of 3.00% and 3.75%, respectively, as identified in the RSA.

3.1 WATER RATES

Readiness-to-Serve Charge - Common industry practice for water utilities is a two-part rate structure comprised of both fixed and variable charges. Generally accepted practice recovers a portion of the costs of the water system in a fixed readiness-to-serve charge, recognizing that utilities have substantial on-going costs that are incurred year-round to maintain facilities in a state of readiness to meet peak demands when they occur. Simply put, utilities incur these fixed costs regardless of the level of customer usage.

As part of the Study we identified that 86.7% of the water system expenses are fixed and that only 13.3% are variable (i.e. would change as customer volume or flow changes).

METCOM Fixed & Variable Cost Allocation Summary

	Water	Cost	
Components of FY 2015 Utility Costs	Amount	% of Total	
Personnel Costs	\$1,044,517	21.7%	
Variable Operating Costs	\$638,000	13.3%	' '
Fixed Operating Costs	\$807,488	16.8%	i
Capital Outlay/Depreciation	\$230,000	4.8%	i
Administrative & General Expenses	\$1,685,520	35.0%	,
Engineering Expenses	\$408,812	8.5%	,
Total Annual Costs	\$4,814,337	100.0%	i

That being said, the amount of system costs recovered in fixed versus variable charges is unique to each community's balance of fiscal stability, philosophy regarding cost recovery, and affordability objectives. In light of declining demands and concerns about fiscal stability, it has been our experience that utilities are trying to increase the portion of their revenues provided by fixed readiness-to-serve charges. Many utilities (including those in MetCom's area) endeavor to recover at least 30% of their annual revenues from fixed charges (see the following table), which is viewed favorably by municipal rating agencies such as Fitch.

MetCom Water System Expense vs. Proposed Revenue Allocation

Water System	Fixed	Variable
Operating Expenses	86.7%	13.3%
Operating Revenue	50.0%	50.0%
Avg. Fixed/Usage Fee Split of Other Local Entities (Based on 6,000 Gal/Month Residential Bill)	35.7%	64.3%

MetCom presently charges customers a minimum usage charge for 6,000 gallons of water use per month that is essentially a fixed charge to its customers, which currently provides a large portion of MetCom's annual revenues. In addition, MetCom also imposes a small additional ready-to-serve charge for customers with 1-1/2" or larger service connections.

We recommend that the minimum volume charge and current ready-to-serve charge be replaced with a traditional readiness-to-serve charge that is applicable to all customers. Such a change would avoid charging low volume customers for water service that they did not use, thus enhancing affordability for low volume users while also preserving the fixed cost recovery and financial stability objectives of MetCom. Specifically, we recommend that the MetCom establish a readiness-to-serve charge for water service intended to recover 50% of the annual revenue requirement of the system.

In addition, generally accepted ratemaking practice would differentiate readiness-to-serve charges by class of customer based upon the actual or potential usage characteristics of each customer class. As such, we recommend that all residential and general service (commercial, master-metered, governmental, etc.) customers with larger meters should have readiness-to-serve charges that are scaled by meter size as compared to a 5/8" meter based upon the ratio of maximum capacity flow rates by meter size as published by American Water Works Association (AWWA), as is common industry practice.

Usage or Volume Based Rates – MetCom currently has a single rate that is applied to all residential and general service metered volume above the amount included in the minimum charge (i.e. water use above 18,000 gallons per quarter or 6,000 gallons per month), as shown in the table below:

Current Water Usage Rate Structure					
Customer Class: Monthly Gallons: Rate per 1,000 gal					
All Over 6,000 \$ 3.07					

MetCom also has a separate rate of \$6.28 per thousand gallons of metered flow through dedicated hydrant meters.

We reviewed MetCom's demographic data, domestic water use characteristics, and typical irrigation requirements to better quantify essential domestic requirements versus outdoor water use (see the following table) to develop the recommended inclining block water conservation rate structure presented herein.

According to U.S. Census estimates for 2008-2012, St. Mary's County has 2.7 persons per household, and the Environmental Protection Agency (EPA) estimates typical indoor domestic use (i.e. cooking. cleaning, showers, etc.) to be 60 gallons per person per day. Applying the demographic data to the per capita use identified herein results in a typical essential domestic water use of 5,000 gallons per month (15,000 gallons quarterly).

As it relates to outdoor use, we determined MetCom's average residential property size (based on GIS property data sampling and discussions with MetCom staff), typical irrigable area, as well as the average number and amount (in inches) of waterings per week (twice a week watering for four "peak" months of the year, once per week for four "shoulder" months of the year, and no waterings for four "winter" months of the year). The result was an empirical basis for identifying a reasonable amount of irrigation for a typical residential property (15,000 gallons per month or 45,000 gallons quarterly).

Amount of Typical Essential Domestic Usage				
People per Household	2.7			
Typical Indoor Use (Gallons per Capital per Day)	60			
Typical Essential Domestic Use (Tgal/month)	4,964			
First Tier Usage Amount	5,000			

Amount of Typical Residential Irrigation				
Square inches of area in 1/2 acre	3,136,320			
% of area that is irrigable	50%			
Number of inches per watering	0.50			
Gallons per cubic inch	0.00432900433			
Number of gallons per watering	3,394			
Number of waterings per week	1.0			
Gallons of irrigation per month	14,707			
Second Tier Usage Amount	15,000			

Third Tier Usage Amount	All Add. Use

Based upon this analysis, we recommend a three-tier inclining block rate structure with the first tier of the inclining block rate structure set at 5,000 gallons per month (or 15,000 per quarter) to provide for essential domestic use for typical families. We further recommend setting the second tier to include water usage between 5,001 to 20,000 gallons per month (or 15,001 – 60,000 per quarter) to accommodate typical residential

irrigation requirements, with the third tier capturing all use above 20,000 gallons per month (or 60,000 gallons per quarter). We also recommend that the amount of consumption in each tier be scaled based upon the size of the meter recognizing that customers with larger meters do not have the same usage profile as residential customers.

The price differential between tiers of an inclining block rate structure is typically established for each community based upon their unique balance of public policy objectives (such as affordability), customer impacts, and understanding of the usage intended to be captured within each tier. To enhance affordability for essential domestic water use (Tier 1), while providing a price incentive for water conservation to higher users (Tier 3), we recommend establishing the first tier rate at 50% of the second tier rate, and setting the third tier rate to be twice the level of the second tier rate.

As part of the recommended rate structure, we recommend that the rate per thousand gallons of metered volume on hydrant meters be set at the second tier or "base" rate of the recommended inclining block rate structure herein. We also recommend that MetCom consider establishing rate structure for residential and commercial users that have irrigation-only meters that is consistent with the portion of the inclining block rate structure for residential customers applicable to irrigation use. Specifically, the inclining block rate structure for a 5/8" irrigation-only meter would be as follows:

- Tier 1 = All use up to 15,000 gallons per month at the tier 2 rate presented herein
- Tier 2 = All use above 15,000 gallons per month at the tier 3 rate presented herein
- The usage in each tier would be scaled based upon meter size for larger meters

Lastly, we recommend updating the charge for unmetered service to be equal to the readiness-to-serve charge for a 5/8" meter plus the volume charges per the rate structure recommended herein based upon the typical monthly residential usage of 5,000 gallons per month (or 15,000 gallons quarterly). Schedule 1 of Appendix B provides a complete schedule of rates and charges for both metered and unmetered service.

3.2 SEWER RATES

Readiness-to-Serve Charge – As with water systems, common industry practice for sewer utilities is a two-part rate structure comprised of both fixed and variable charges. Generally accepted practice recovers a portion of the costs of the sewer system in a fixed readiness-to-serve charge, recognizing that utilities have substantial on-going costs that are incurred year-round to maintain facilities in a state of readiness to meet peak demands when they occur. Simply put, utilities incur these fixed costs regardless of the level of customer usage.

As part of the Study we identified that 86.9% of the sewer system expenses are fixed and that only 13.1% are variable (i.e. would change as customer volume or flow changes).

METCOM Fixed & Variable Cost Allocation Summary

	Sewer Cost		
Components of FY 2015 Utility Costs	Amount	% of Total	
Personnel Costs	\$2,348,249	26.7%	
Variable Operating Costs	\$1,153,650	13.1%	Variable Operating Costs general
Fixed Operating Costs	\$1,240,033	14.1%	increase or decrease as system
Capital Outlay/Depreciation	\$240,000	2.7%	demand increases/decreases, and include power, chemicals, and
Administrative & General Expenses	\$3,209,881	36.5%	sludge removal expenses. All
Engineering Expenses	\$613,218	7.0%	other costs are generally fixed and
Total Annual Costs	\$8,805,031	100.0%	independent of system demand.

That being said, the amount of system costs recovered in fixed versus variable charges is unique to each community's balance of fiscal stability, philosophy regarding cost recovery, and affordability objectives. In light of declining demands and concerns about fiscal stability, it has been our experience that utilities are trying to increase the portion of their revenues provided by fixed readiness-to-serve charges. Many utilities (including those in MetCom's area) endeavor to recover at least 30% of their annual revenues from fixed charges (see the following table), which is viewed favorably by municipal rating agencies such as Fitch.

MetCom Sewer S	ystem Expense	vs. Proposed R	Revenue Allocation
-----------------------	---------------	----------------	--------------------

Sewer System	Fixed	Variable
Operating Expenses	86.9%	13.1%
Operating Revenue	50.0%	50.0%
Avg. Fixed/Usage Fee Split of Other Local Entities (Based on 6,000 Gal/Month Residential Bill)	34.9%	65.1%

MetCom presently charges customers a minimum sewer usage charge for 5,400 gallons of water use per month (90% of 6,000 gallons that is charged for water service) that is essentially a fixed charge to its customers, which currently provides a large portion of MetCom's annual revenues. We recommend that the minimum volume charge be replaced with a traditional readiness-to-serve charge that is applicable to all customers. Such a change would avoid charging low volume customers for service that they did not receive, thus enhancing affordability for low volume users while also preserving the fixed cost recovery and financial stability objectives of MetCom. Specifically, we recommend that the MetCom establish a readiness-to-serve charge for sewer service intended to recover 50% of the annual revenue requirement of the system.

Consistent with the water readiness-to-serve charges presented herein, we recommend that all residential and general service (commercial, master-metered, governmental, etc.) customers with larger meters should have sewer readiness-to-serve charges scaled based upon meter size as compared to a 5/8" meter based upon the ratio of maximum capacity flow rates by meter size as published by the AWWA (as is common industry practice).

Usage or Volume Based Rates – MetCom currently has a single rate that is applied to 90% of residential and general service metered water volume above the amount included in the minimum charge (i.e. 90% of metered water use above 16,200 gallons a quarter or 5,400 gallons a month).

We recommend that MetCom continue to charge a single sewer usage rate to all customer classes, and that the rate be updated to recover the portion of the sewer system revenue requirement not recovered in the readiness-to-serve charges recommended herein. We

also recommend that the sewer usage or volume-based rate be applied to 100% of metered water volume, as customers who have irrigation or other water-only service needs can have a separate irrigation-only meter installed and avoid sewer charges entirely on those types of water-only uses.

In addition, we recommend that MetCom begin billing its residential sewer accounts metered rates upon implementation of the new rate structure recommended herein. It is our understanding that residential accounts are presently being billed unmetered rates, despite the fact that many of these accounts receive metered water service.

Lastly, we also recommend updating the charge for unmetered service to be equal to the readiness-to-serve charge for a 5/8" meter plus the volume charges per the rate structure recommended herein based upon the typical monthly residential usage of 5,000 gallons per month (or 15,000 gallons quarterly). Schedule 1 of Appendix B provides a complete schedule of rates and charges for both metered and unmetered service.

3.3 PRICE ELASTICITY

As water and sewer rates increase, discretionary water (and therefore billed sewer volumes) usage will generally decline. Because changes in use in response to price are a function of the increase in price and the level of discretionary usage, the recommended modifications to the current rate structure are expected to have an impact on total water usage. The recommended rate structure is anticipated to produce an overall system-wide billed water use reduction of approximately 4%. That effect has been factored into the calculations of the recommended rates presented in the report.

3.4 SCHEDULE OF RECOMMENDED RATES

It is our recommendation that the adjustments discussed in the prior sub-sections should be made to the current retail water and sewer rates to better conform to accepted industry practice, address the current allocation of system costs, further promote water conservation, and enhance affordability for low volume and average users. Based upon discussions with MetCom staff, it is our understanding that its customer billing system can accommodate these recommended changes in rate structure. Specific recommended

water and sewer retail rate schedules for FY 2016 are presented on Schedule 1 of Appendix B, based upon the revenue requirements as identified in the RSA and the rate structure modifications presented herein.

3.5 CUSTOMER IMPACT ANALYSIS

In considering implementation of the recommended retail water and sewer rates presented herein, it is important to examine the impact that those rates will have upon the cost of service to MetCom's various types of customers. Implementation of the recommended rates will impact customers with various usage patterns differently.

The following table presents the monthly impact to a single-family residential customer with a 5/8" meter of the recommended rate structure for FY 2016 (which includes the identified revenue increases from the RSA). The table highlights the typical monthly usage for this meter size (5,000 gallons) and demonstrates that a customer using this amount of water would see a \$1.80 decrease (or a 3.3% reduction) in their monthly cost per the rate structure proposed for FY 2016.

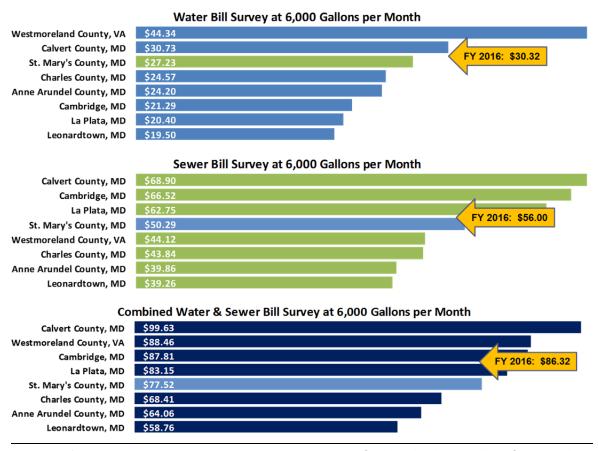
Single Family 5/8" Meter Monthly Water & Sewer Bill Calculations										
Monthly	Est. % of									
Use (Gal)	<u>Bills</u>	Agg. %	FY	14/15	/15 FY 1			\$ Chg		
0	1.4%	1.4%	\$	54.25	\$	23.90	\$	(30.35)		
1,000	5.2%	6.6%	\$	54.25	\$	29.61	\$	(24.64)		
2,000	10.5%	17.0%	\$	54.25	\$	35.32	\$	(18.93)		
3,000	13.9%	30.9%	\$	54.25	\$	41.03	\$	(13.22)		
4,000	15.6%	46.5%	\$	54.25	\$	46.74	\$	(7.51)		
5,000	13.8%	60.3%	\$	54.25	\$	52.45	\$	(1.80)		
6,000	12.4%	72.7%	\$	54.25	\$	59.69	\$	5.44		
7,000	7.7%	80.3%	\$	57.32	\$	66.93	\$	9.61		
8,000	5.3%	85.6%	\$	60.39	\$	74.17	\$	13.78		
9,000	3.5%	89.2%	\$	63.46	\$	81.41	\$	17.95		
10,000	2.5%	91.7%	\$	66.53	\$	88.65	\$	22.12		
15,000	0.6%	97.0%	\$	81.88	\$	124.85	\$	42.97		
20,000	0.3%	98.7%	\$	97.23	\$	161.05	\$	63.82		

In addition to evaluating the impacts of the recommended rates to single-family residential customers with a 5/8" meter (which can be seen in complete detail on Schedule 2 of Appendix B), Schedules 3 and 4 of Appendix B present an analysis of the impact to the monthly cost of service for various non-residential and master-metered residential customers, respectively.

3.6 COMPARATIVE RATE SURVEY RESULTS

As part of the Study, we prepared a FY 2015 residential rate survey that compares the current and recommended monthly bill for MetCom's typical residential users to that of neighboring communities. The survey was performed to provide an understanding of the current range of typical utility costs in the area and how MetCom fits within that range.

The following graphs present a comparison of the water and sewer monthly charges for a single-family residential customer with a 5/8" meter based on 6,000 gallons of water use (the mathematical average usage per FY 2013 billing data).



WATER & SEWER RATE STUDY

RATE STRUCTURE MODIFICATIONS

It is important to note that the FY 2015 survey of cost for neighboring communities is a "snapshot in time" for FY 2015. With the multitude of financial and water demand pressures each utility is currently facing, many of the monthly bills shown in this survey are certain to change in FY 2016 and beyond. Based upon publicly available information, our industry experience, and the plan of annual rate adjustments identified in this report, we fully expect that MetCom will continue to be of comparable cost to the neighboring utilities in its geographic area.

SECTION 4. MISCELLANEOUS SERVICE CHARGES

This section of the report presents the analysis of miscellaneous service charges that was conducted as part of the Study.

4.1 OVERVIEW

MetCom currently applies miscellaneous service charges in relation to the provision of specific services to individual customers. Inspections, reconnections, and meter installations are examples of the types of services for which MetCom has various specific service charges. The intent of miscellaneous service charges is to ensure that the recipient of a specific service bears the costs associated with providing that service.

Miscellaneous service charges are typically calculated by determining the costs, including both the time and materials, necessary to provide the service. Identification of the type of employee(s) involved in providing each service (meter services technician, maintenance worker, permit technician, construction inspector, etc.) and of the materials used (water meter, couplings, forms, vehicles, equipment, etc.) is the first step in developing appropriate fees. The employee(s) cost, including any overhead allocations (i.e. benefits) are then added to the costs of materials, including any overhead allocations (purchasing, warehousing, etc.) to determine the charge for each respective service.

4.2 APPROACH

Burton & Associates created a cost-of-service template to be used for each miscellaneous service charge listed in MetCom's rate policies and schedules, as well as any new charges MetCom may wish to consider. This template provides a consistent methodology for assigning the appropriate time and material costs necessary to provide each service (see Appendix C for screen captures of the Miscellaneous Fee Developer customized for MetCom). Upon population of the templates for each service, MetCom staff will identify any adjustments to these types of fees for consideration by the Commission at a later date as part of a proposed policy and/or fee schedule revision.

APPENDIX A - FINANCIAL FORECAST

Supporting Schedules

The Schedules on the following pages present the supporting schedules of the financial management plan developed as part of the Revenue Sufficiency Analysis.

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Annual Growth:											
Water:											
Non-Metered											
Average Number of Accounts	888	897	906	915	924	933	943	952	962	971	981
Growth (1)	(8)	9	9	9	9	9	9	9	10	10	10
Percent Increase	-0.88%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Metered											
Average Number of Accounts	14,243	14,385	14,529	14,675	14,821	14,970	15,119	15,270	15,423	15,577	15,733
Growth (1)	141	142	144	145	147	148	150	151	153	154	156
Percent Increase	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Metered Volume											
Annual Metered Consumption	1,365,267	1,378,920	1,392,709	1,406,636	1,420,702	1,434,909	1,449,258	1,463,751	1,478,388	1,493,172	1,508,104
Growth	13,517	13,653	13,789	13,927	14,066	14,207	14,349	14,493	14,638	14,784	14,932
Percent Increase	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Sewer:											
Non-Metered											
Average Number of Accounts	17,193	17,365	17,539	17,714	17,891	18,070	18,251	18,433	18,618	18,804	18,992
Growth (1)	500	172	174	175	177	179	181	183	184	186	188
Percent Increase	3.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Metered											
Average Number of Accounts	545	550	556	561	567	573	578	584	590	596	602
Growth (1)	5	5	6	6	6	6	6	6	6	6	6
Percent Increase	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Volume											
Average Volume	1,499,196	1,494,800	1,494,800	1,494,800	1,494,800	1,494,800	1,494,800	1,494,800	1,494,800	1,494,800	1,494,800
Growth (2)	0	-4,397	0	0	0	0	0	0	0	0	0
Percent Increase	0.00%	-0.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Average Annual Interest Earnings Rate:											
On Fund Balances:	0.25%	0.25%	0.50%	0.75%	1.00%	1.50%	2.00%	2.00%	2.00%	2.00%	2.00%
Operating Budget Reserve:											
Target (Number of Months of Reserve)	3.5	4.0	4.5	5.0	5.5	6.0	6.0	6.0	6.0	6.0	6.0
Operating Budget Execution Percentage:											
Personal Services (3)	100%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%
Variable O&M (3)	100%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%
Fixed O&M (3)	100%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%

⁽¹⁾ Account growth in FY 2014 is a projections based on upon the YTD revenues of the system for 7 months

⁽²⁾ Volume normalization per the FY 2015 budget

⁽³⁾ Execution rates in FY 2015 and forward are based on an analysis of historical budget execution

Farmana Lina Mana	EV 2016	EV 2017	EV 2010	EV 2010	EV 2020	EV 2024	EV 2022	EV 2022	EV 2024
Expense Line Item	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Personal Services									
Casual Labor	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Commissioner Stipend	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Contractual Employee Reg	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Contractual Employees OT	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Hospitalization-Overhead	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Life Insurance-Overhead	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Long/Term Disab.Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
MD Pension Plan	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
OPEB Health Benefits	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Payroll Taxes-Overhead	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Professional Service	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Pension Loan	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Retirement-Overhead	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Salary-OT	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Salary-Regular	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Standby	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Supplemental Pay	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Tuition Reimb-Overhead	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Operational Expenses									
Accounting-Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Allocate Engineering	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Allocate Eng-Water Opera	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Allocate OH-Water Opera.	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Allocate Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Amortized Bond Fees-Admin	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Bank Fees/On-Line Bill Payment Fees	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Bond Fees - Admin.	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Buildings	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Bldg.Supply-S.Treatment	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Building Utitlities	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

BURTON & ASSOCIATES

Expense Line Item	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Cable	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
CAM First Colony	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Camera Repairs	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Chemicals	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Classifieds - Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Cleaning	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Computer Svcs-Overhead	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Contingencies	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Depreciation	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Dues&Subscrip	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Employment Advertising	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Employee Related Expense	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Engineering Review	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Fire Hydrant ISO Inspec.	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
First Colony CAM	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Flow monitoring devices	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Fuel (Diesel & Oil)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Generator Maintenance	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Grinder Pump Inventory	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Grinder Pump Tools	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Grounds	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Inspec Prof Srvs	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Inspection Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Inspector Supplies	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Insurance	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Lab.Supply	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Lab&Soils Testing	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Lead/Copper/Mjr.Test-W	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Legal Services-Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Leonardtown Plant-Treat	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Maintenance	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%

Expense Line Item	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Maintenance Grinder Pumps	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Major System Repair	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Major Testing	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Materials & Sup General	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Meter Reading Expense	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Mileage	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Misc Consultant	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Miscellaneous Exp	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Miss Utilitiy SvcsEng	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Mortgage Expense-Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Office Fuel	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Office/Print Supp	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Pagers	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Parts	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Phone/Fax	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Physicals	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Postage	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Power	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Prop&Liab.Ins-Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Professional Service	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Public Relations	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Recv'y of Cost	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Repairs	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Rent	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Review Salary Overhead	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Safety Supplies	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
SCADA	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Sewer	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Sludge Removal-Sewer Trea	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
SSO Fines & Penalties	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Staff Developement	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Station Fuel & Gas	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

BURTON & ASSOCIATES

Expense Line Item	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Stations/Bldgs/Inventory	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Supplies	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Telephone & Dialers	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Tools	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
TP Parts	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
TP Repairs	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Trailer Rent Exp	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Training	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Training-Overnight Travel	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Uniforms	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Vehicle Maintenance	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Vehicle Operations	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Waste Mgmt	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Water Construction Safety	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Water	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Water Meter Reading-W	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Water Testing-Water	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
WW Construction Parts	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
WWTP Repairs	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Default Inflation Factor (if expense not listed above)	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%

	Hi	storical Data							Forecast					
Fiscal Year Ending:	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Water														
Non-Metered Total Equ	ivalent Billing U	nits												
Total Accounts	1,077	897	896	888	897	906	915	924	933	943	952	962	971	981 \
Growth (Accts) (1)	N/A	-180	-1	-8	9	9	9	9	9	9	9	10	10	10 🗸
% Change	N/A	-16.68%	-0.15%	-0.88%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Metered Equivalent Bil	ling Units													
Total Accounts	13,300	13,988	14,102	14,243	14,385	14,529	14,675	14,821	14,970	15,119	15,270	15,423	15,577	15,733
Growth (Accts)	N/A	689	114	141	142	144	145	147	148	150	151	153	154	156 /
% Change	N/A	5.18%	0.81%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00% /
Usage (1,000 gal.)														
Billed Use	1,059,219	1,139,588	1,351,749	1,365,267	1,378,920	1,392,709	1,406,636	1,420,702	1,434,909	1,449,258	1,463,751	1,478,388	1,493,172	1,508,104
% Change	N/A	7.59%	18.62%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00% /
Sewer														
Non-Metered Total Equ	ivalent Billing U	nits												
Total Accounts	15,888	16,283	16,693	17,193	17,365	17,539	17,714	17,891	18,070	18,251	18,433	18,618	18,804	18,992
Growth (Accts) (1)	N/A	395	410	500	172	174	175	177	179	181	183	184	186	188
% Change	N/A	2.49%	2.52%	3.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Metered Equivalent Bil	ling Units													
Total Accounts	609	605	540	545	550	556	561	567	573	578	584	590	596	602 \
Growth (Accts)	N/A	-4	-66	5	5	6	6	6	6	6	6	6	6	6 ~
% Change	N/A	-0.63%	-10.89%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00% ~
Metered Use Navy (1,00	00 gal.)													
Billed Use	184,968	163,103	185,913	185,913	185,913	177,995	177,995	177,995	177,995	177,995	177,995	177,995	177,995	177,995 🗸
% Change (2)	N/A	-11.82%	13.99%	0.00%	-4.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Metered Use St. Mary's														
Billed Use	26,322	27,163	21,460	21,460	21,460	24,982	24,982	24,982	24,982	24,982	24,982	24,982	24,982	24,982 \
% Change	N/A	3.20%	-21.00%	0.00%	16.41%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Treatment Plant Influer		<i>.</i>												
Billed Use	1,330,318	1,277,351	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823	1,291,823
% Change (2)	N/A	-3.98%	1.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

⁽¹⁾ Non-Metered equivalent accounts received a calibrating adjustment in FY 2014 to reconcile the expected revenue and number of accounts

⁽²⁾ Volume for both the Navy and St. Mary's College were calibrated in FY 2015 to equate to the budget

Source: FY 2013 CAFR for Fiscal Year Ending June 30, 2013

	Rev	enue Fund
CURRENT UNRESTRICTED ASSETS MD Bank & Trust Company / MD B&T-Operating Account	¢	70,454,128
MD Bank & Trust Company / MD B&T-Operating Account		(63,217,659)
MD Bank & Trust Company / MD B&T-Payroll Account	\$	2,148,661
Petty Cash Account / Petty Cash-Operations	\$	500
Petty Cash Account / Fetty Cash Drawers	\$	400
Merc.Safe Deposit & Trust / MLGIP Investments	\$	(542,268)
Accounts Receivable / Accounts Receivable	\$	1,096,305
Accounts Receivable / reedit balance	\$	(115,358)
Accounts Receivable / Accounts Receivable-Other	\$	77,581
Prepaid Insurance / Prepaid Insurance	\$	174
Other Prepaids / Other Prepaids	\$	345,799
Inventory / Radio Rd Meter Proj Inven	\$	343,733
Exchange / Exchange-general	\$	42,408
Exchange / Suspense Utility Cash	\$	168,128
Exchange / Exchange-Cash Management	\$	(524,035)
FOTAL CURRENT ASSETS	\$	9,934,763
CURRENT LIABLITIES		
Offset account / Offset Acc't-open payable		(635,497)
Accounts Payable / A/P-General Fund		(15,235)
Accruals Payable / Accrued Wages Payable		(479,245)
Accruals Payable / Other Accrued Exp.Payable		(12)
Employee Deduc.Payable / Employee Pay-TDA		14,745
Employee Deduc.Payable / Employee Pay-Uniforms		155
Employee Deduc.Payable / Employee Pay-Hospitaliza.		(14,745)
Employee Deduc.Payable / Employee Pay-Garnishment		-
Employee Deduc.Payable / FSA		(3,195)
Employee Deduc.Payable / FSA-Dependent Care		(6,753)
Employee Deduc.Payable / Aflac Insurance		(1,602)
Employee Deduc.Payable / Uniform purchase reimb		221
Deferred Inspec Fees / Deferred Inspec Fees		(52,978)
Cash Bond / Cash Bond Developer Acct		(73,290)
CALCULATED FUND BALANCE (ASSETS - LIABILITIES)	\$	8,667,331
Plus/(Less): Fund Restricted/Identified for Capital Projects in FY 14 & FY 15 (1)	\$	(2,256,002)

			FY 2014	FY 2015		FY 2016	F	FY 2017	F	Y 2018	F	Y 2019		FY 2020		FY 2021		FY 2022	F۱	Y 2023		FY 2024
	Expense Item																					
1	Sewer Expenses																					
2	Departmental Placeholders																					
3	Personal Services																					
4	Department Salary Budget Expense	\$	2,206,636	\$ 2,343,916	\$	2,449,392	\$	2,559,615	\$	2,674,798	\$	2,795,163	\$	2,920,946	\$	3,052,388	\$	3,189,746	\$ 3	3,333,284	\$	3,483,282
5	Subtotal	\$	2,206,636	\$ 2,343,916	\$	2,449,392	\$	2,559,615	\$	2,674,798	\$	2,795,163	\$	2,920,946	\$	3,052,388	\$	3,189,746	\$ 3	3,333,284	\$	3,483,282
6	Fixed O&M Expenses																					
7 _	Departmental Depreciation Placeholder	\$	240,000		_	242,400		244,824	•	247,272	_	249,745		252,242	_	254,765	_	257,312		259,886	_	262,484
8	Subtotal	\$	240,000	\$ 240,000	\$	242,400	\$	244,824	\$	247,272	\$	249,745	\$	252,242	\$	254,765	\$	257,312	\$	259,886	\$	262,484
9	Total - Departmental Placeholders	\$	2,446,636	\$ 2,583,916	\$	2,691,792	\$	2,804,439	\$	2,922,070	\$	3,044,908	\$	3,173,188	\$	3,307,153	\$	3,447,058	\$ 3	3,593,170	\$	3,745,767
10	Sewer Construction																					
11	Personal Services																					
12	008-0110-501.05-11 Contractual Employee Reg	\$	-	\$ 4,333	\$	4,528	\$	4,732	\$	4,945	\$	5,167	\$	5,400	\$	5,643	\$	5,897	\$	6,162	\$	6,439
13	Subtotal	\$	-	\$ 4,333	\$	4,528	\$	4,732	\$	4,945	\$	5,167	\$	5,400	\$	5,643	\$	5,897	\$	6,162	\$	6,439
14	Fixed O&M Expenses																					
15	008-0110-501.10-01 WW Construction Parts	\$	3,000	\$ 3,500	\$	3,588	\$	3,677	\$	3,769	\$	3,863	\$	3,960	\$	4,059	\$	4,160	\$	4,264	\$	4,371
16	008-0110-501.10-04 Maintenance-Sewer Bldgs.	\$	500	\$ 500	\$	513	\$	525	\$	538	\$	552	\$	566	\$	580	\$	594	\$	609	\$	624
17	008-0110-501.10-05 Maintenance-Sewer Lines	\$	70,000	\$ 35,000	\$	35,875	\$	36,772	\$	37,691	\$	38,633	\$	39,599	\$	40,589	\$	41,604	\$	42,644	\$	43,710
18	008-0110-501.20-01 Vehicle Operations	\$	9,900	\$ 9,900	\$	10,148	\$	10,401	\$	10,661	\$	10,928	\$	11,201	\$	11,481	\$	11,768	\$	12,062	\$	12,364
19	008-0110-501.20-02 Vehicle Maintenance	\$	8,000			8,200		8,405		8,615		8,831		9,051		9,278		9,509		9,747		9,991
20	008-0110-501.32-01 Materials & Sup General	\$	10,000	. ,			\$	10,506		10,769			\$	11,314			\$		\$	12,184		12,489
21	008-0110-501.32-02 Safety Supplies	\$	800			820		841		862	-	883		905		928	•	951		975		999
22	008-0110-501.32-03 Mat⋑ stations bldg inv	\$	24,000			24,600		25,215		25,845		26,492		27,154		27,833		28,528		29,242		29,973
23	008-0110-501.32-04 Tools	\$	2,500	. ,			\$	•	\$	3,769		3,863		3,960		,	\$,	\$	4,264		4,371
24	008-0110-501.40-05 Office Fuel	\$	3,000	. ,		3,150		,	\$	3,473		3,647		3,829			\$	4,221		4,432		4,654
25	008-0110-501.42-01 Mileage	\$	500			513	1	525		538	-	552		566		580	\$		\$	609		624
26	008-0110-501.42-02 Training	\$	2,000	. ,		,	\$	2,101		2,154		2,208		2,263		,	\$	2,377		2,437		2,498
27	008-0110-501.42-03 Uniforms	\$ \$	1,240	. ,		1,589		1,628		1,669		1,711		1,754 679	-	1,798		1,842		1,889		1,936
28	008-0110-501.42-05 Physicals	-	500			615			\$	646		662	•			696		713		731		749
29 30	008-0110-501.42-12 Training-Overnight Travel Subtotal	\$ \$	530 136,470			1,230 106,726	\$ \$	1,261 :	\$ \$	1,292 112,293	\$ \$	1,325 115,187	•	1,358 118,158	•	1,392 121,207	_	1,426 124,338	•	1,462 127,552		1,499 130,85 2
31	Total - Sewer Construction	\$	136,470	\$ 108,383	\$	111,254	\$	114,205	\$	117,237	\$	120,354	\$	123,557	\$	126,850	\$	130,235	\$	133,714	\$	137,291
	Course Maintenance																					
32	Sewer Maintenance																					
33 34	Fixed O&M Expenses 008-0110-502.10-01 Maintenance-S PS Parts	Ś	35,000	\$ 35,000	¢	35,875	¢	36,772	¢	37,691	¢	38,633	¢	39,599	¢	40,589	¢	41,604	¢	42,644	¢	43,710
34 35	008-0110-502.10-01 Maintenance-S PS Parts 008-0110-502.10-02 Maintenance-S PS Repairs	\$	35,000	. ,		35,875		31,519		32,307	-	33,114		39,599		40,589 34,791		35,661		36,552		37,466
36	008-0110-502.10-02 Maintenance-Sewer Bldgs.	\$	4,250	. ,		2,050		2,101		2,154	-	2,208		2,263		2,319		2,377		2,437		2,498
37	008-0110-502.10-04 Maintenance-Sewer Bidgs.	\$	2,460			2,050		2,101		2,154			\$	2,263		2,319		2,377		2,437		2,498
38	008-0110-502.20-01 Vehicle Opererations	\$	55.000			59,040		60.516		62.029			۶ \$	65.169		66,798		68,468		70,180		71.935
39	008-0110-502.20-01 Vehicle Opererations	\$	41,200	. ,		25,625		26,266		26,922		27,595	•	28,285		28,992		29,717		30,460		31,222
40	008-0110-502.32-01 Mtls&Supp - General	\$	8,000			9,225		,	\$	9,692		9,934		10,183		10,437			\$	10,966		11,240
41	008-0110-502.32-02 Safety Supplies	\$	3,000			3,075		3,152		3,231		3,311		3,394		3,479		3,566		3,655		3,747
42	008-0110-502.32-03 Stations/Bldgs/Inventory	\$	1,000	. ,		1,025		1,051		1,077	-	1,104		1,131		1,160		1,189		1,218		1,249
43	008-0110-502.32-04 Tools	Ś	3,500			,	Ś	3,677		3,769		3,863	•	•	\$,	\$,	\$	4,264		4,371
43																						

		ı	FY 2014	FY 2015	F	FY 2016	FY 2017		FY 2018	ı	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
	Expense Item															
45	008-0110-502.42-03 Uniforms	\$	4,500 \$	5,060	\$	5,187 \$	5,316	\$	5,449	\$	5,585 \$	5,725	5,868	\$ 6,015	\$ 6,165	\$ 6,319
46	008-0110-502.42-05 Physicals	\$	1,180 \$	1,800	\$	1,845 \$	1,891	\$	1,938	\$	1,987 \$	2,037	2,087	\$ 2,140		
47	008-0110-502.42-12 Training-Overnight Travel	\$	5,000 \$	3,850	\$	3,946 \$	4,045	\$	4,146	\$	4,250	4,356	4,465	\$ 4,576	\$ 4,691	\$ 4,808
48	Total - Sewer Maintenance	\$	204,500 \$	182,220	\$	186,776 \$	191,445	\$	196,231	\$	201,137	206,165	211,319	\$ 216,602	\$ 222,017	\$ 227,568
49	Sewer Operations															
50	Fixed O&M Expenses															
51	008-0110-504.10-01 Maintenance- PSParts	\$	31,000 \$	35,000	\$	35,875 \$	36,772	\$	37,691	\$	38,633	39,599	40,589	\$ 41,604	\$ 42,644	\$ 43,710
52	008-0110-504.10-02 Maintenance- PSRepairs	\$	49,000 \$	85,000	\$	87,125 \$	89,303	\$	91,536	\$	93,824 \$	96,170 \$	98,574	\$ 101,038	\$ 103,564	\$ 106,153
53	008-0110-504.10-03 Maintenance- Grounds	\$	22,000 \$	34,000	\$	34,850 \$	35,721	\$	36,614	\$	37,530 \$	38,468 \$	39,430	\$ 40,415	\$ 41,426	\$ 42,461
54	008-0110-504.10-04 Maintenance-Sewer Bldgs.	\$	19,000 \$	23,000	\$	23,575 \$	24,164	\$	24,768	\$	25,388 \$	26,022	26,673	\$ 27,340	\$ 28,023	\$ 28,724
55	008-0110-504.10-05 Maintenance-Sewer Lines	\$	12,000 \$	13,000	\$	13,325 \$	13,658	\$	14,000	\$	14,350 \$	14,708 \$	15,076	\$ 15,453	\$ 15,839	\$ 16,235
56	008-0110-504.10-08 SCADA	\$	23,000 \$	25,000	\$	25,625 \$	26,266	\$	26,922	\$	27,595 \$	28,285 \$	28,992	\$ 29,717	\$ 30,460	\$ 31,222
57	008-0110-504.10-09 Camera Repairs	\$	6,000 \$	6,000	\$	6,150 \$	6,304	\$	6,461	\$	6,623	6,788	6,958	\$ 7,132	\$ 7,310	\$ 7,493
58	008-0110-504.10-10 Flow monitoring devices	\$	- \$	5,000	\$	5,125 \$	5,253	\$	5,384	\$	5,519 \$	5,657	5,798	\$ 5,943	\$ 6,092	\$ 6,244
59	008-0110-504.10-11 Generator Maintenance	\$	48,000 \$	48,000	\$	49,200 \$	50,430	\$	51,691	\$	52,983	54,308	55,665	\$ 57,057	\$ 58,483	\$ 59,945
60	008-0110-504.14-01 Telephone & Dialers	\$	27,400 \$	27,400	\$	28,085 \$	28,787	\$	29,507	\$	30,244	31,001	31,776	\$ 32,570	\$ 33,384	\$ 34,219
61	008-0110-504.18-01 Station Fuel & Gas	\$	8,400 \$	6,500	\$	6,825 \$	7,166	\$	7,525	\$	7,901	8,296	8,711	\$ 9,146	\$ 9,603	\$ 10,084
62	008-0110-504.20-01 Vehicle Operations	\$	33,000 \$	34,700	\$	35,568 \$	36,457	\$	37,368	\$	38,302	39,260	40,241	\$ 41,247	\$ 42,279	\$ 43,336
63	008-0110-504.20-02 Vehicle Maintenance	\$	13,500 \$	8,000	\$	8,200 \$	8,405	\$	8,615	\$	8,831	9,051	9,278	\$ 9,509	\$ 9,747	\$ 9,991
64	008-0110-504.22-01 Lab&Soils Testing	\$	5,000 \$		\$	2,050 \$	2,101		2,154		2,208			\$ 2,377		
65	008-0110-504.32-01 Materials & Sup General	\$	14,000 \$	21,000	\$	21,525 \$	22,063	\$	22,615	\$	23,180	23,760	24,354	\$ 24,962	\$ 25,586	\$ 26,226
66	008-0110-504.32-02 Safety Supplies	\$	5,400 \$	5,500	-	5,638 \$	5,778	-	5,923		6,071	, ,		. ,	. ,	. ,
67	008-0110-504.32-03 Stations/Bldgs/Inventory	\$	5.000 \$		\$	5,125 \$	5,253		5,384		5,519			\$ 5,943		
68	008-0110-504.32-04 Tools	Ś	5,000 \$	5,000	-	5,125 \$	5,253	-	5,384		5,519	, ,		\$ 5,943	. ,	. ,
69	008-0110-504.32-05 Office/Print Supp	\$	6,000 \$,	\$	6,150 \$	6,304	\$	6,461		6,623	, ,	,	\$ 7,132		
70	008-0110-504.32-06 Cleaning	\$	340 \$		\$	349 \$	357		366		375	, ,		\$ 404		. ,
71	008-0110-504.36-04 Misc Consultant	\$	2,000 \$		\$	3,140 \$		\$	3,299		3,381			•		•
72	008-0110-504.40-02 Phone/Fax	\$	8,000 \$	8,000	-	8,280 \$	8,570	-	8,870		9,180	, ,		. ,		
73	008-0110-504.40-03 Waste Mgmt	\$	2,500 \$	2,500	-	2,563 \$	2,627		2,692		2.760	, ,	,	\$ 2,972		
74	008-0110-504.40-04 Cable	Ś	2,200 \$		\$	2,255 \$	2,311	-	2,369		2,428	,	,		. ,	. ,
75	008-0110-504.40-05 Office Fuel	\$	2,687 \$	2,687	-	2,821 \$	2,962		3,111		3,266	, ,	,			. ,
76	008-0110-504.40-06 Cleaning	Ś	850 \$		\$	1,025 \$		\$	1,077		1,104	, ,	,	\$ 1,189		. ,
77	008-0110-504.42-02 Staff Development	\$	4,800 \$		\$	4,920 \$	5,043	-	5,169		5,298	, ,		. ,	. ,	. ,
78	008-0110-504.42-03 Uniforms	\$	3,900 \$,	\$	5,176 \$	5,306	\$	5,438		5,574	, ,	,	\$ 6,003		
79	008-0110-504.42-05 Physicals	\$	1,235 \$	1,500	-	1,538 \$	1,576		1,615		1,656	, ,				. ,
80	008-0110-504.42-12 Training-Overnight Travel	Ś	6,980 \$,	\$	1,556 \$	1,595		1,635		1,676	, ,	,			. ,
81	008-0110-504.46-01 Miscellaneous Exp	Ś	3,450 \$		\$	- \$	-,	\$		\$	- \$, ,		\$ - !		\$ -
82	008-0110-504.46-02 SSO Fines & Penalties	\$	20,000 \$		Ś	20,500 \$	21,013	Ś		Ś	22,076			\$ 23,774 S		\$ 24,977
83	Subtotal	\$	391,642 \$		\$	459,262 \$	471,067	\$		\$	495,617		521,476	\$ 534,919		\$ 562,879
84	Variable O&M Expenses															
85	008-0110-504.12-01 Power	Ś	175,000 \$	188,000	Ś	197,400 \$	207,270	\$	217,634	Ś	228,515	239,941	251,938	\$ 264,535	\$ 277,762	\$ 291,650
86	008-0110-504.26-01 Chemicals	\$	30,000 \$	30,000	-	31,500 \$	33,075	-	34,729		36,465	, ,		. ,	. ,	. ,
87	008-0110-504.40-01 Power	\$	8,900 \$	•	\$	9,345 \$	9,812	\$		\$	10,818		•	\$ 12,523		\$ 13,807
88	Subtotal	\$	213,900 \$		\$	238,245 \$	250,157	_	262,665	_	275,798 \$			\$ 319,271	. ,	·
89	Total - Sewer Operations	Ś	605,542 \$	674,658	Ś	697,507 \$	721,224	٠,	745,848	Ś	771,415	797,967	825,544	\$ 854,190	\$ 883,951	\$ 914,876

		FY 2014	FY 2015		FY 2016	FY 2017		FY 2018	FΥ	Y 2019	FY 2020		FY 2021	FΥ	Y 2022	FY 20:	23	F	Y 2024
	Expense Item																		
90	Sewer Grinder Pumps																		
91	Operational & Maintenance Expenses																		
92	008-0110-505.10-05 Maintenance Grinder Pumps	\$ 68,000 \$	50,000	\$	51,250	\$ 52,531	\$	53,845	\$	55,191	\$ 56,570	\$	57,985	\$	59,434	\$ 6	0,920	\$	62,443
93	008-0110-505.20-02 Vehicle Maintenance	\$ 3,400 \$	3,400	\$	3,485	\$ 3,572	\$	3,661	\$	3,753	\$ 3,847	\$	3,943	\$	4,042	\$	4,143	\$	4,246
94	008-0110-505.32-01 Materials & Sup General	\$ 3,000 \$	2,000	\$	2,050	\$ 2,101	\$	2,154	\$	2,208	\$ 2,263	\$	2,319	\$	2,377	\$	2,437	\$	2,498
95	008-0110-505.32-03 Grinder Pump Inventory	\$ 160 \$	160	\$	164	\$ 168	\$	172	\$	177	\$ 181	\$	186	\$	190	\$	195	\$	200
96	008-0110-505.32-04 Grinder Pump Tools	\$ 1,200 \$	1,200	\$	1,230	\$ 1,261	\$	1,292	\$	1,325	\$ 1,358	\$	1,392	\$	1,426	\$	1,462	\$	1,499
97	Total - Sewer Grinder Pumps	\$ 75,760 \$	56,760	\$	58,179	\$ 59,633	\$	61,124	\$	62,652	\$ 64,219	\$	65,824	\$	67,470	\$ 6	9,157	\$	70,885
98	Marlay-Taylor Treatment Plant																		
99	Fixed O&M Expenses																		
100	008-0110-516.10-01 TP Parts	\$ 44,000 \$	25,000	\$	25,625	\$ 26,266	\$	26,922	\$	27,595	\$ 28,285	\$	28,992	\$	29,717	\$ 3	0,460	\$	31,222
101	008-0110-516.10-02 TP Repairs	\$ 98,000 \$	60,000	\$	61,500	\$ 63,038	\$	64,613	\$	66,229	\$ 67,884	\$	69,582	\$	71,321	\$ 7.	3,104	\$	74,932
102	008-0110-516.10-03 Grounds	\$ 4,000 \$	4,000	\$	4,100	\$ 4,203	\$	4,308	\$	4,415	\$ 4,526	\$	4,639	\$	4,755	\$	4,874	\$	4,995
103	008-0110-516.10-04 Buildings	\$ 6,500 \$	15,000	\$	15,375	\$ 15,759	\$	16,153	\$	16,557	\$ 16,971	\$	17,395	\$	17,830	\$ 1	8,276	\$	18,733
104	008-0110-516.10-11 Generator Maintenance	\$ 9,350 \$	9,350	\$	9,584	\$ 9,823	\$	10,069	\$	10,321	\$ 10,579	\$	10,843	\$	11,114	\$ 1	1,392	\$	11,677
105	008-0110-516.10-12 Co-Generator Maintenance	\$ 25,000 \$	75,000	\$	76,875	\$ 78,797	\$	80,767	\$	82,786	\$ 84,856	\$	86,977	\$	89,151	\$ 9	1,380	\$	93,665
106	008-0110-516.14-02 Telephones & Dialers	\$ 9,000 \$	8,000	\$	8,200	\$ 8,405	\$	8,615	\$	8,831	\$ 9,051	\$	9,278	\$	9,509	\$	9,747	\$	9,991
107	008-0110-516.18-02 Station Fuel & Gas	\$ 80,000 \$	85,000	\$	89,250	\$ 93,713	\$	98,398	\$	103,318	\$ 108,484	\$	113,908	\$	119,604	\$ 12	5,584	\$	131,863
108	008-0110-516.20-01 Vehicle Operations	\$ 5,000 \$	5,000	\$	5,125	\$ 5,253	\$	5,384	\$	5,519	\$ 5,657	\$	5,798	\$	5,943	\$	6,092	\$	6,244
109	008-0110-516.20-02 Vehicle Maintenance	\$ 2,300 \$	2,000	\$	2,050	\$ 2,101	\$	2,154	\$	2,208	\$ 2,263	\$	2,319	\$	2,377	\$	2,437	\$	2,498
110	008-0110-516.22-01 Lab&Soils Testing	\$ 26,000 \$	35,000	\$	35,875	\$ 36,772	\$	37,691	\$	38,633	\$ 39,599	\$	40,589	\$	41,604	\$ 4	2,644	\$	43,710
111	008-0110-516.32-01 Mtls & Supplies General	\$ 5,350 \$	5,000	\$	5,125	\$ 5,253	\$	5,384	\$	5,519	\$ 5,657	\$	5,798	\$	5,943	\$	6,092	\$	6,244
112	008-0110-516.32-02 Safety Supp-Sewer Treat	\$ 5,000 \$	3,000	\$	3,075	\$ 3,152	\$	3,231	\$	3,311	\$ 3,394	\$	3,479	\$	3,566	\$	3,655	\$	3,747
113	008-0110-516.32-03 Bldg.Supply-S.Treatment	\$ 1,500 \$	1,500	\$	1,538	\$ 1,576	\$	1,615	\$	1,656	\$ 1,697	\$	1,740	\$	1,783	\$	1,828	\$	1,873
114	008-0110-516.32-04 Tools-Sewer Treatment	\$ 1,300 \$	1,500	\$	1,538	\$ 1,576	\$	1,615	\$	1,656	\$ 1,697	\$	1,740	\$	1,783	\$	1,828	\$	1,873
115	008-0110-516.32-05 Office/Print Supp-S.Treat	\$ 3,550 \$	2,500	\$	2,563	\$ 2,627	\$	2,692	\$	2,760	\$ 2,829	\$	2,899	\$	2,972	\$	3,046	\$	3,122
116	008-0110-516.32-06 Cleaning Supp-S.Treat	\$ 1,000 \$	750	\$	769	\$ 788	\$	808	\$	828	\$ 849	\$	870	\$	892	\$	914	\$	937
117	008-0110-516.32-07 Lab.Supply-Sewer Treat	\$ 15,000 \$	15,000	\$	15,375	\$ 15,759	\$	16,153	\$	16,557	\$ 16,971	\$	17,395	\$	17,830	\$ 1	8,276	\$	18,733
118	008-0110-516.40-03 Waste Mgmt-Bldg.Util-Trea	\$ 6,000 \$			3,690	\$ 3,782	\$	3,877	\$	3,974	\$ 4,073	\$	4,175	\$	4,279	\$	4,386	\$	4,496
119	008-0110-516.40-06 Cleaning-Bldg.Util-Treat	\$ 239 \$	250	\$	256	\$ 263	\$	269	\$	276		\$	290	\$	297	\$	305	\$	312
120	008-0110-516.42-01 Mileage-Treatment	\$ 250 \$	250		256		•	269		276		\$		\$	297		305		312
121	008-0110-516.42-02 Staff DevelTreatment	\$ 3,120 \$	3,500	\$	3,588	\$ 3,677	\$	3,769	\$	3,863	\$ 3,960	\$	4,059	\$	4,160		4,264		4,371
122	008-0110-516.42-03 Uniforms-Treatment	\$ 5,400 \$	5,500	\$	5,638	\$ 5,778	\$	5,923	\$	6,071	\$ 6,223	\$	6,378	\$	6,538	\$	6,701	\$	6,869
123	008-0110-516.42-05 Physicals-Treatment	\$ 1,205 \$	1,500		1,538		\$	1,615		1,656			1,740	\$	1,783		1,828		1,873
124	008-0110-516.42-12 Training-Travel Overnight	\$ 8,500 \$	3,000		3,075			3,231		3,311			3,479		3,566		3,655		3,747
125	008-0110-516.46-01 Misc.Expense-Treatment	\$ 3,500 \$		\$	3,639	,		3,823		3,919				\$			4,325		4,433
126	Subtotal	\$ 370,064 \$	373,750	\$	385,219	\$ 397,080	\$	409,350	\$	422,044	\$ 435,178	\$	448,770	\$	462,837	\$ 47	7,398	\$	492,472
127	Variable O&M Expenses																		
128	008-0110-516.12-02 Power	\$ 240,000 \$	275,000		288,750	. ,		318,347		334,264	. ,		368,526		386,953		6,300		426,615
129	008-0110-516.26-02 Chemicals	\$ 186,000 \$	215,000		225,750	. ,		248,889		261,334			288,121		302,527		7,653		333,536
130	008-0110-516.28-01 Sludge Removal-Sewer Trea	\$ 229,698 \$	248,000		260,400			287,091		301,446			332,344		348,961		6,409		384,729
131	008-0110-516.30-01 Leonardtown Plant-Treat	\$ - \$	133,750	_	137,094		_	,	\$	147,635		_		\$,		2,961		167,035
132	Subtotal	\$ 655,698 \$	871,750	\$	911,994	\$ 954,166	\$	998,361	\$ 1	1,044,679	\$ 1,093,222	\$	1,144,100	\$ 1	1,197,427	\$ 1,25	3,324	\$	1,311,916
133	Total - Marlay-Taylor Treatment Plant	\$ 1,025,762 \$	1,245,500	\$	1,297,213	\$ 1,351,247	\$	1,407,712	\$ 1	1,466,723	\$ 1,528,400	\$	1,592,869	\$ 1	1,660,263	\$ 1,73	0,721	\$	1,804,388

			FY 2014	FY 2015	F	Y 2016	FY 2017	FV	′ 2018	FY 2019	FY 20	120	FY 2021		FY 2022	FY 2023		FY 2024
	Expense Item		112014	11 2025	•	. 2010	112017	•	2010	2015		.20	112021		11 2022	112023		112024
134	Other Treatment Plants																	
135	Fixed O&M Expenses																	
136	008-0110-517.10-01 TP Parts	\$	8,000 \$	8,000	\$	8,200 \$	8,405	\$	8,615	\$ 8,831	\$	9,051	9,27	8 \$	9,509	\$ 9,747	\$	9,991
137	008-0110-517.10-02 TP Repairs	\$	15,000 \$	-	\$	- \$	-	\$	-	\$ -	\$	-	-	\$	-	\$ -	\$	-
138	008-0110-517.10-03 Grounds	\$	4,000 \$	13,000	\$	13,325 \$	13,658	\$	14,000	\$ 14,350	\$	4,708	15,07	6 \$	15,453	\$ 15,839	\$	16,235
139	008-0110-517.10-04 Buildings	\$	3,500 \$	3,500	\$	3,588 \$	3,677	\$	3,769	\$ 3,863	\$	3,960	\$ 4,05	9 \$	4,160	\$ 4,264	\$	4,371
140	008-0110-517.10-11 Generator Maintenance	\$	7,700 \$	6,000	\$	6,150 \$	6,304	\$	6,461	\$ 6,623	\$	6,788	6,95	8 \$	7,132	\$ 7,310	\$	7,493
141	008-0110-517.14-02 Telephones & Dialers	\$	1,200 \$	1,000	\$	1,025 \$	1,051	\$	1,077	\$ 1,104	\$	1,131	1,16	0 \$	1,189	\$ 1,218	\$	1,249
142	008-0110-517.18-02 Station Fuel & Gas	\$	1,600 \$	1,600	\$	1,680 \$	1,764	\$	1,852	\$ 1,945	\$	2,042	2,14	4 \$	2,251	\$ 2,364	\$	2,482
143	008-0110-517.20-01 Vehicle Operations	\$	10,000 \$	11,400	\$	11,685 \$	11,977	\$	12,277	\$ 12,583	\$	2,898	13,22	1 \$	13,551	\$ 13,890	\$	14,237
144	008-0110-517.20-02 Vehicle Maintenance	\$	4,400 \$	2,000	\$	2,050 \$	2,101	\$	2,154	\$ 2,208	\$	2,263	2,31	9 \$	2,377	\$ 2,437	\$	2,498
145	008-0110-517.22-01 Lab&Soils Testing	\$	2,700 \$	2,000	\$	2,050 \$	2,101	\$	2,154	\$ 2,208	\$	2,263	2,31	9 \$	2,377	\$ 2,437	\$	2,498
146	008-0110-517.22-02 Major Testing	\$	300 \$	300	\$	308 \$	315	\$	323	\$ 331	\$	339	34	8 \$	357	\$ 366	\$	375
147	008-0110-517.32-01 Mtls & Supplies General	\$	2,000 \$	2,000	\$	2,050 \$	2,101	\$	2,154	\$ 2,208	\$	2,263	2,31	9 \$	2,377	\$ 2,437	\$	2,498
148	008-0110-517.30-01 Leonardtown Plant-Treat	\$	111,000 \$	-	\$	- \$	-	\$	-	\$ -	\$	-	· -	\$	-	\$ -	\$	-
149	008-0110-517.32-02 Safety Supp-Sewer Treat	\$	470 \$	500	\$	513 \$	525	\$	538	\$ 552	\$	566	5 58	0 \$	594	\$ 609	\$	624
150	008-0110-517.32-03 Bldg.Supply-S.Treatment	\$	30 \$	-	\$	- \$	-	\$	-	\$ -	\$	-	-	\$	_	\$ -	\$	-
151	008-0110-517.32-04 Tools-Sewer Treatment	\$	1,500 \$	2,000	\$	2,050 \$	2,101	\$	2,154	\$ 2,208	\$	2,263	2,31	9 \$	2,377	\$ 2,437	\$	2,498
152	008-0110-517.32-05 Office/Print Supp-S.Treat	\$	150 \$	150	\$	154 \$	158	\$	162	\$ 166	\$	170	17	4 \$	178	\$ 183	\$	187
153	008-0110-517.32-07 Lab. Supply-Sewer Treat	\$	4,200 \$	4,800	\$	4,920 \$	5,043	\$	5,169	\$ 5,298	\$	5,431	5,56	7 \$	5,706	\$ 5,848	\$	5,995
154	008-0110-517.40-03 Waste Mgmt-Bldg.Util-Trea	\$	1,500 \$	2,000	\$	2,050 \$	2,101	\$	2,154	\$ 2,208	\$	2,263	2,31	9 \$	2,377	\$ 2,437	\$	2,498
155	008-0110-517.42-02 Staff DevelTreatment	\$	3,674 \$	2,815	\$	2,885 \$	2,958	\$	3,031	\$ 3,107	\$	3,185	3,26	5 \$	3,346	\$ 3,430	\$	3,516
156	008-0110-517.42-03 Uniforms-Treatment	\$	1,370 \$	2,000	\$	2,050 \$	2,101	\$	2,154	\$ 2,208	\$	2,263	2,31	9 \$	2,377	\$ 2,437	\$	2,498
157	008-0110-517.42-05 Physicals-Treatment	\$	280 \$	280	\$	287 \$	294	\$	302	\$ 309	\$	317	32	5 \$	333	\$ 341	\$	350
158	008-0110-517.42-12 Training-Overnight Travel	\$	256 \$	450	\$	461 \$	473	\$	485	\$ 497	\$	509	5 52	2 \$	535	\$ 548	\$	562
159	008-0110-517.46-01 Misc.Expense-Treatment	\$	50 \$	-	\$	- \$	-	\$	-	\$ -	\$	-	-	\$	-	\$ -	\$	-
160	Subtotal	\$	184,880 \$	65,795	\$	67,480 \$	69,209	\$	70,983	\$ 72,804	\$	4,673	76,59	1 \$	78,559	\$ 80,579	\$	82,653
161	Variable O&M Expenses																	
162	008-0110-517.12-02 Power	\$	50,000 \$	50,000	\$	52,500 \$	55,125	\$	57,881	\$ 60,775	\$ (3,814	67,00	5 \$	70,355	\$ 73,873	\$	77,566
163	008-0110-517.26-02 Chemicals	\$	5,000 \$	5,000	\$	5,250 \$	5,513	\$	5,788	\$ 6,078	\$	6,381	6,70	0 \$	7,036	\$ 7,387	\$	7,757
164	Subtotal	\$	55,000 \$	55,000	\$	57,750 \$	60,638	\$	63,669	\$ 66,853	\$	0,195	73,70	5 \$	77,391	\$ 81,260	\$	85,323
165	Total Other Treatment Plants	\$	239,880 \$	120,795	\$	125,230 \$	129,846	\$	134,653	\$ 139,657	\$ 14	14,868	5 150,29	6 \$	155,950	\$ 161,839	\$	167,976
166	Airedale Rd Treatment Plant																	
167	Operational & Maintenance Expenses																	
168	008-0110-518.10-02 WWTP Repairs	Ś	8,000 \$	3,000	\$	3,075 \$	3,152	\$	3,231	\$ 3,311	\$	3,394	3 47	9 \$	3,566	\$ 3,655	Ś	3,747
169	008-0110-518.10-03 Grounds	\$	6,000 \$,		5,125 \$			5,384			5,657	,	s \$. ,		6,244
170	008-0110-518.12-02 power	\$	1,280 \$,		1,260 \$			1,389	. ,		1,532	•	8 \$				1,862
171	008-0110-518.14-02 telephone	\$	400 \$			513 \$			538			566		0 \$			\$	624
172	Total - Airedale Rd Treatment Plant	\$	15,680 \$		\$	9,973 \$		\$	10,543			1,149						12,477
173	Total Sewer	\$	4,750,230 \$	4,981,932	\$	5,177,922 \$	5,382,293	\$ 5,	5,595,417	\$ 5,817,687	\$ 6,0	19,513	6,291,32	1 \$	6,543,560	\$ 6,806,699	\$	7,081,227

		FY 2014	FY 2015		FY 2016	EV	Y 2017	FY 2018	EV	2019	E.	Y 2020		FY 2021		FY 2022		FY 2023		FY 2024
E	Expense Item	112014	112013		11 2010	•	1 2017	112010	•	2013	•	1 2020		112021		112022		11 2023		112024
174	Water Expenses																			
175	Departmental Placeholders																			
176	Personal Services																			
177	Department Salary Budget Expense	\$ 954,935	1,042,35	0 \$	1,089,256	\$:	1,138,272	\$ 1,189,495	\$ 1,	,243,022	\$	1,298,958	\$	1,357,411	\$	1,418,494	\$	1,482,327	\$	1,549,031
178	Subtotal	\$ 954,935	1,042,35	60 \$	1,089,256	\$:	1,138,272	\$ 1,189,495	\$ 1,	,243,022	\$	1,298,958	\$	1,357,411	\$	1,418,494	\$	1,482,327	\$	1,549,031
179	Operational & Maintenance Expenses																			
180	Departmental Depreciation Placeholder	\$ 220,000	230,00	0 \$	232,300	\$	234,623	\$ 236,969	\$	239,339	\$	241,732	\$	244,150	\$	246,591	\$	249,057	\$	251,548
181	Contingencies	\$ 100,000	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
182	Subtotal	\$ 320,000	230,00	0 \$	232,300	\$	234,623	\$ 236,969	\$	239,339	\$	241,732	\$	244,150	\$	246,591	\$	249,057	\$	251,548
183	Total - Departmental Placeholder	\$ 1,274,935	1,272,35	60 \$	1,321,556	\$:	1,372,895	\$ 1,426,464	\$ 1,	,482,361	\$	1,540,690	\$	1,601,560	\$	1,665,085	\$	1,731,384	\$	1,800,579
184	Water Construction																			
185	Personal Services																			
186	008-0115-551.05-11 Contractual Employee Reg	\$ - :		57 \$	2,265	\$	2,366	\$ 2,473	\$	2,584	\$	2,700	\$	2,822	\$	2,949	\$	3,082	\$	3,220
187	Subtotal	\$ - :	2,16	57 \$	2,265	\$	2,366	\$ 2,473	\$	2,584	\$	2,700	\$	2,822	\$	2,949	\$	3,082	\$	3,220
188	Operational & Maintenance Expenses																			
189	008-0115-551.10-01 parts	\$ 3,500	6,00	0 \$	6,150	\$	6,304	\$ 6,461	\$	6,623	\$	6,788	\$	6,958	\$	7,132	\$	7,310	\$	7,493
190	008-0115-551.10-02 repairs	\$ - :	6,00	0 \$	6,150	\$	6,304	\$ 6,461	\$	6,623	\$	6,788	\$	6,958	\$	7,132	\$	7,310	\$	7,493
191	008-0115-551.10-04 Maintenance-Bldgs.	\$ 1,500	1,50	0 \$	1,538	\$	1,576	\$ 1,615	\$	1,656	\$	1,697	\$	1,740	\$	1,783	\$	1,828	\$	1,873
192	008-0115-551.10-05 Maintenance-Water Lines	\$ 110,000	160,00	0 \$	164,000	\$	168,100	\$ 172,303	\$	176,610	\$	181,025	\$	185,551	\$	190,190	\$	194,944	\$	199,818
193	008-0115-551.20-01 Vehicle Oper.Mainten-W	\$ 10,000	10,00	0 \$	10,250	\$	10,506	\$ 10,769	\$	11,038	\$	11,314	\$	11,597	\$	11,887	\$	12,184	\$	12,489
194	008-0115-551.20-02 Vehicle Main.Mainten-W	\$ 10,000	10,00	0 \$	10,250	\$	10,506	\$ 10,769	\$	11,038	\$	11,314	\$	11,597	\$	11,887	\$	12,184	\$	12,489
195	008-0115-551.32-01 Mtls&Supp.Gen-Constr.W	\$ 5,000	5,00	0 \$	5,125	\$	5,253	\$ 5,384	\$	5,519	\$	5,657	\$	5,798	\$	5,943	\$	6,092	\$	6,244
196	008-0115-551.32-02 Water Construction Safety	\$ 1,000	1,00	0 \$	1,025	\$	1,051	\$ 1,077	\$	1,104	\$	1,131	\$	1,160	\$	1,189	\$	1,218	\$	1,249
197	008-0115-551.32-03 Sta&Bldg.Supply-Water	\$ 40,000	40,00	0 \$	41,000	\$	42,025	\$ 43,076	\$	44,153	\$	45,256	\$	46,388	\$	47,547	\$	48,736	\$	49,955
198	008-0115-551.32-04 Tools-Constr. Water	\$ 4,000	4,00	0 \$	4,100	\$	4,203	\$ 4,308	\$	4,415	\$	4,526	\$	4,639	\$	4,755	\$	4,874	\$	4,995
199	008-0115-551.40-05 Office Fuel	\$ 3,600	3,60	00 \$	3,780	\$	3,969	\$ 4,167	\$	4,376	\$	4,595	\$	4,824	\$	5,066	\$	5,319	\$	5,585
200	008-0115-551.42-01 Mileage-Constr.Water	\$ 450		0 \$	461	\$	473	\$ 485	\$	497	\$	509		522		535	-	548		562
201	008-0115-551.42-02 Staff DevelConstr-Water	\$ 2,000	2,00	0 \$	2,050	\$	2,101	\$ 2,154	\$	2,208	\$	2,263	\$	2,319	\$	2,377	\$	2,437	\$	2,498
202	008-0115-551.42-03 Uniforms-Constr.Water	\$ 1,240		0 \$	1,589	\$	1,628	\$ 1,669	\$	1,711	\$	1,754		1,798	\$	1,842	\$	1,889	\$	1,936
203	008-0115-551.42-05 Physicals-Constr. Water	\$ 500	5 50	00 \$	513	\$	525	\$ 538		552		566	\$	580	\$	594	\$	609	\$	624
204	008-0115-551.42-12 Training-Overnight Travel	\$ 530			,	\$		\$ 1,292	_	1,325	_	,	\$	1,392	\$	1,426	_	1,462	_	1,499
205	Subtotal	\$ 193,320	252,80	0 \$	259,210	\$	265,785	\$ 272,529	\$	279,446	\$	286,542	\$	293,820	\$	301,286	\$	308,945	\$	316,801
206	Total - Water Construction	\$ 193,320	254,96	57 \$	261,475	\$	268,151	\$ 275,002	\$	282,030	\$	289,242	\$	296,642	\$	304,235	\$	312,027	\$	320,022
207	Water Maintenance - now part of 555																			
208	Operational & Maintenance Expenses																			
209	008-0115-552.42-02 Staff Devel-Mainten-Water	\$ - !		00 \$	3,588		3,677	3,769		3,863		3,960		4,059		4,160		4,264		4,371
210	008-0115-552.42-03 Uniforms-Mainten.WAter	\$ - !		00 \$	4,818		4,938	5,061		5,188		5,318		5,451		5,587		5,726		5,870
211	008-0115-552.42-05 Physicals-Mainten. Water	\$ - !	-	00 \$	513		525	538		552		566		580		594		609		624
212	008-0115-552.42-12 Training-Overnight Travel	\$ - :			7,347		,	\$ 7,719	•	7,912	•	8,110	_	8,313	_	8,520	\$	8,734		8,952
213	Total - Water Maintenance	\$ - :	15,86	8 \$	16,265	\$	16,671	\$ 17,088	\$	17,515	\$	17,953	\$	18,402	\$	18,862	\$	19,334	\$	19,817

			FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
	Expense Item												
214	Water Operations												
215	Operational & Maintenance Expenses												
216	008-0115-555.10-01 Maintenance-Water PSParts	\$	67,645 \$	80,000	\$ 82,000	\$ 84,050	\$ 86,151	\$ 88,305	\$ 90,513 \$	92,775	\$ 95,095 \$	97,472	\$ 99,909
217	008-0115-555.10-02 Maintenance-Water PSReprs	\$	37,000 \$	140,000	\$ 143,500	\$ 147,088	\$ 150,765	\$ 154,534	\$ 158,397 \$	162,357	\$ 166,416 \$	170,576	\$ 174,841
218	008-0115-555.10-03 Maintenance-Water Grounds	\$	23,000 \$	30,000	\$ 30,750	\$ 31,519	\$ 32,307	\$ 33,114	\$ 33,942 \$	34,791	\$ 35,661 \$	36,552	\$ 37,466
219	008-0115-555.10-04 Maintenance-Water Bldgs.	\$	8,355 \$	16,000	\$ 16,400	\$ 16,810	\$ 17,230	\$ 17,661	\$ 18,103 \$	18,555	\$ 19,019 \$	19,494	\$ 19,982
220	008-0115-555.10-05 Maintenance-Water Lines	\$	5,000 \$	4,000	\$ 4,100	\$ 4,203	\$ 4,308	\$ 4,415	\$ 4,526 \$	4,639	\$ 4,755 \$	4,874	\$ 4,995
221	008-0115-555.10-07 Fire Hydrant ISO Inspec.	\$	45,000 \$	45,000	\$ 46,125	\$ 47,278	\$ 48,460	\$ 49,672	\$ 50,913 \$	52,186	5 53,491 \$	54,828	\$ 56,199
222	008-0115-555.10-08 SCADA	\$	18,000 \$	18,000	\$ 18,450	\$ 18,911	\$ 19,384	\$ 19,869	\$ 20,365 \$	20,874	\$ 21,396 \$	21,931	\$ 22,480
223	008-0115-555.10-11 Generator Maintenance	\$	34,000 \$	34,000	\$ 34,850	\$ 35,721	\$ 36,614	\$ 37,530	\$ 38,468 \$	39,430	\$ 40,415 \$	41,426	\$ 42,461
224	008-0115-555.14-03 Tele.&Dialers-Water	\$	3,000 \$	2,500	\$ 2,563	\$ 2,627	\$ 2,692	\$ 2,760	\$ 2,829 \$	2,899	\$ 2,972 \$	3,046	\$ 3,122
225	008-0115-555.18-03 Sta.Fuel&Gas-Water	\$	7,200 \$	6,000	\$ 6,150	\$ 6,304	\$ 6,461	\$ 6,623	\$ 6,788 \$	6,958	5 7,132 \$	7,310	\$ 7,493
226	008-0115-555.20-01 Vehicle Oper-Water	\$	38,000 \$	36,900	\$ 37,823	\$ 38,768	\$ 39,737	\$ 40,731	\$ 41,749 \$	42,793	\$ 43,863 \$	44,959	\$ 46,083
227	008-0115-555.20-02 Vehicle Main-Water	\$	11,000 \$	7,000	\$ 7,175	\$ 7,354	\$ 7,538	\$ 7,727	\$ 7,920 \$	8,118	\$ 8,321 \$	8,529	\$ 8,742
228	008-0115-555.22-01 Water Testing-Water	\$	15,500 \$	18,000	\$ 18,450	\$ 18,911	\$ 19,384	\$ 19,869	\$ 20,365 \$	20,874	\$ 21,396 \$	21,931	\$ 22,480
229	008-0115-555.24-01 Water Meter Reading-W	\$	69,400 \$	38,076	\$ 39,028	\$ 40,004	\$ 41,004	\$ 42,029	\$ 43,079 \$	44,156	\$ 45,260 \$	46,392	\$ 47,552
230	008-0115-555.32-01 Mtls&Supp.Gen-Water	\$	7,000 \$	10,000	\$ 10,250	\$ 10,506	\$ 10,769	\$ 11,038	\$ 11,314 \$	11,597	\$ 11,887 \$	12,184	\$ 12,489
231	008-0115-555.32-02 Safety Supply-Water	\$	7,000 \$	5,000	\$ 5,125	\$ 5,253	\$ 5,384	\$ 5,519	\$ 5,657 \$	5,798	5,943 \$	6,092	\$ 6,244
232	008-0115-555.32-03 Sta&Bldg.Supply-Water	\$	10,000 \$	7,000	\$ 7,175	\$ 7,354	\$ 7,538	\$ 7,727	\$ 7,920 \$	8,118	\$ 8,321 \$	8,529	\$ 8,742
233	008-0115-555.32-04 Tools-Supply	\$	4,000 \$	4,000	\$ 4,100	\$ 4,203	\$ 4,308	\$ 4,415	\$ 4,526 \$	4,639	\$ 4,755 \$	4,874	\$ 4,995
234	008-0115-555.32-05 Office/Print Supply-Water	\$	7,000 \$	4,000	\$ 4,100	\$ 4,203	\$ 4,308	\$ 4,415	\$ 4,526 \$	4,639	\$ 4,755 \$	4,874	\$ 4,995
235	008-0115-555.32-06 Cleaning	\$	352 \$	500	\$ 513	\$ 525	\$ 538	\$ 552	\$ 566 \$	580 \$	\$ 594 \$	609	\$ 624
236	008-0115-555.40-01 Power-Bldg.Util-Water	\$	10,000 \$	9,000	\$ 9,450	\$ 9,923	\$ 10,419	\$ 10,940	\$ 11,487 \$	12,061	\$ 12,664 \$	13,297	\$ 13,962
237	008-0115-555.40-02 Phone/Fax-Bldg. Util-Water	\$	8,900 \$	9,000	\$ 9,315	\$ 9,641	\$ 9,978	\$ 10,328	\$ 10,689 \$	11,063	\$ 11,451 \$	11,851	\$ 12,266
238	008-0115-555.40-03 Waste Mgmt-Bldg.Util-W	\$	2,500 \$	2,500	\$ 2,563	\$ 2,627	\$ 2,692	\$ 2,760	\$ 2,829 \$	2,899 \$	\$ 2,972 \$	3,046	\$ 3,122
239	008-0115-555.40-04 Cable-Bldg.Util-Water	\$	2,396 \$	2,396	\$ 2,456	\$ 2,517	\$ 2,580	\$ 2,645	\$ 2,711 \$	2,779	2,848 \$	2,919	\$ 2,992
240	008-0115-555.40-05 Off.Fuel-Bldg.Util-Water	\$	3,888 \$	3,888	\$ 4,082	\$ 4,287	\$ 4,501	\$ 4,726	\$ 4,962 \$	5,210	5,471 \$	5,744	\$ 6,032
241	008-0115-555.40-06 Cleaning-Bldg.Util-Water	\$	850 \$	850	\$ 871	\$ 893	\$ 915	\$ 938	\$ 962 \$	986 \$	\$ 1,010 \$	1,036	\$ 1,062
242	008-0115-555.42-01 Mileage-Water	\$	100 \$	100	\$ 103	\$ 105	\$ 108	\$ 110	\$ 113 \$	116	\$ 119 \$	122	\$ 125
243	008-0115-555.42-02 Staff Development - Water	\$	3,500 \$	110	\$ 113	\$ 116	\$ 118	\$ 121	\$ 124 \$	128	\$ 131 \$	134	\$ 137
244	008-0115-555.42-03 Uniforms-Water	\$	3,125 \$	-	\$ -	\$ -	\$ -	\$ -	\$ - \$	- \$	\$ - \$	- 5	\$ -
245	008-0115-555.42-04 Pagers-Water	\$	100 \$	-	\$ -	\$ -	\$ -	\$ -	\$ - \$	- \$	\$ - \$	- 5	\$ -
246	008-0115-555.42-05 Physicals-Water	\$	500 \$	-	\$ -	\$ -	\$ -	\$ -	\$ - \$	- \$	\$ - \$	- 5	\$ -
247	008-0115-555.42-12 Training-Overnight Travel	\$	7,520 \$	-	\$ -	\$ -	\$ -	\$ -	\$ - \$	- \$	\$ - \$	- 5	\$ -
248	008-0115-555.46-01 Misc. Expense-Water	\$	5,000 \$	5,000	\$ 5,125	\$ 5,253	\$ 5,384	\$ 5,519	\$ 5,657 \$	5,798	5,943 \$	6,092	\$ 6,244
249	Subtotal	\$	465,831 \$	538,820	\$ 552,703	\$ 566,952	\$ 581,577	\$ 596,589	\$ 611,999 \$	627,817	644,055 \$	660,724	\$ 677,837
250	008-0115-555.12-03 Power-Water	Ś	566,449 \$	513,000	\$ 538,650	\$ 565,583	\$ 593,862	\$ 623,555	\$ 654,732 \$	687,469	5 721,843 \$	757,935	\$ 795,831
251	008-0115-555.26-03 Chemicals-Water	\$	119,000 \$	125,000		\$ 137,813	. ,	\$ 151,938	. , .				
252	Subtotal	\$	685,449 \$	638,000		\$ 703,395		,	\$ 814,268 \$	854,981	, ,		
	Total - Water Operations	\$	1,151,280 \$	1,176,820	\$ 1,222,603	\$ 1,270,347	\$ 1,320,142	\$ 1,372,082	\$ 1,426,267 \$	1,482,798	\$ 1,541,785 \$	1,603,341	\$ 1,667,584
	·	-											
253	Total - Water	\$	2,619,535 \$	2,720,005	\$ 2,821,898	\$ 2,928,064	\$ 3,038,695	\$ 3,153,989	\$ 3,274,152 \$	3,399,403	3,529,968 \$	3,666,085	\$ 3,808,002

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
	Expense Item											
254	Admin Expenses											
255	Departmental Placeholders											
256	Personal Services											
257	Department Salary Budget Expense	\$ 1,390,844 \$	1,543,863 \$	1,613,336	\$ 1,685,937	\$ 1,761,804	\$ 1,841,085	\$ 1,923,934 \$	2,010,511	2,100,984 \$	2,195,528 \$	2,294,327
258	Total - Deparmental Placeholder	\$ 1,390,844 \$	1,543,863 \$	1,613,336	\$ 1,685,937	\$ 1,761,804	\$ 1,841,085	\$ 1,923,934 \$	2,010,511	2,100,984 \$	2,195,528 \$	2,294,327
259	General Admin											
260	Personal Services											
261	008-0292-567.05-07 Commissioner Stipend	\$ 14,500 \$	14,500 \$, ,			
262	008-0292-567.05-11 Contractual Employee Reg	\$ 102,401 \$	106,785 \$		\$ 116,612		\$ 127,343	. , .	, ,	, .	, ,	
263	008-0292-567.06-01 Casual & Contract Lbr-Admin	\$ 5,000 \$	5,000 \$. ,		, ,	, .		,
264	008-0292-567.07-01 Payroll Taxes-Overhead	\$ 447,700 \$	479,236 \$			\$ 546,888		\$ 597,215 \$, .		
265	008-0292-567.07-02 Hospitalization-Overhead	\$ 1,329,100 \$	1,163,677 \$			\$ 1,465,898		\$ 1,709,823 \$				
266	008-0292-567.07-03 Retirement-Overhead	\$ 113,092 \$	113,092 \$. , .	, ,			
267	008-0292-567.07-04 Long/Term Disab.Overhead	\$ 12,960 \$	12,760 \$									
268	008-0292-567.07-05 Life Insurance-Overhead	\$ 10,800 \$	9,592 \$									
269	008-0292-567.07-06 Tuition Reimb-Overhead	\$ 8,300 \$	13,800 \$, ,			
270	008-0292-567.07-07 MD Pension Plan	\$ 544,300 \$	542,754 \$	567,178	\$ 592,701	\$ 619,372	\$ 647,244	\$ 676,370 \$	706,807	738,613 \$	771,851 \$	806,584
271	008-0292-567.07-08 OPEB Health Benefits	\$ 456,000 \$	458,000 \$		\$ 481,186							
272	Subtotal	\$ 3,044,153 \$	2,919,196 \$	3,076,499	\$ 3,243,930	\$ 3,422,203	\$ 3,612,082	\$ 3,814,390 \$	4,030,012	4,259,898 \$	4,505,069 \$	4,766,623
273	Operational & Maintenance Expenses											
274	008-0292-567.20-01 Vehicle Operation-Admin	\$ 1,500 \$	1,800 \$									
275	008-0292-567.20-02 Vehicle Maintenance-Admin	\$ 300 \$	- \$		\$ -	\$ -	•	\$ - \$				
276	008-0292-567.32-01 Office Supply-Admin	\$ 20,366 \$	90,233 \$	92,489	\$ 94,801	\$ 97,171	\$ 99,600	\$ 102,090 \$	104,643	107,259 \$	109,940 \$	112,689
277	008-0292-567.32-02 Office Printing-Admin.	\$ 30,206 \$	- \$	-	\$ -	\$ -	•	\$ - \$	- \$	\$		-
278	008-0292-567.32-03 Postage-Admin	\$ 96,000 \$	98,000 \$	100,450	\$ 102,961	\$ 105,535	\$ 108,174	\$ 110,878 \$	113,650	116,491 \$	119,403 \$	122,389
279	008-0292-567.34-01 Prop&Liab.Ins-Overhead	\$ 257,400 \$	274,800 \$	281,670	\$ 288,712	\$ 295,930	\$ 303,328	\$ 310,911 \$	318,684	326,651 \$	334,817 \$	343,188
280	008-0292-567.36-01 Accounting-Overhead	\$ 21,200 \$	21,200 \$	21,730	\$ 22,273	\$ 22,830	\$ 23,401	\$ 23,986 \$	24,586	25,200 \$	25,830 \$	26,476
281	008-0292-567.36-02 Computer Svcs-Overhead	\$ 91,400 \$	100,400 \$		\$ 108,593	\$ 112,936	\$ 117,454	\$ 122,152 \$	127,038	132,120 \$	137,404 \$	142,901
282	008-0292-567.36-03 Legal Services-Overhead	\$ 27,700 \$	27,700 \$	28,393	\$ 29,102	\$ 29,830	\$ 30,576	\$ 31,340 \$	32,124	32,927 \$, ,	
283	008-0292-567.36-04 Misc. Consultants-Admin	\$ 27,000 \$	17,000 \$	17,425	\$ 17,861	\$ 18,307	\$ 18,765	\$ 19,234 \$	19,715 \$	20,208 \$	20,713 \$	21,231
284	008-0292-567.36-05 Public Relations	\$ 14,600 \$	14,500 \$	14,863	\$ 15,234	\$ 15,615	\$ 16,005	\$ 16,405 \$	16,816	17,236 \$	17,667 \$	18,109
285	008-0292-567.40-01 Power-Bldg. Util-Admin	\$ 13,294 \$	28,700 \$	30,135	\$ 31,642	\$ 33,224	\$ 34,885	\$ 36,629 \$	38,461	40,384 \$	42,403 \$	44,523
286	008-0292-567.40-02 Phone/Fax-Bldg.Util-Admin	\$ 49,300 \$	50,160 \$	51,916	\$ 53,733	\$ 55,613	\$ 57,560	\$ 59,574 \$	61,659	63,818 \$	66,051 \$	68,363
287	008-0292-567.40-03 Waste Mgmt-Bldg.Util-Admi	\$ 1,202 \$	- \$	-	\$ -	\$ -	\$ -	\$ - \$	\$	\$	- \$	-
288	008-0292-567.40-04 Cable_Bldg.Util-Admin	\$ 3,980 \$	- \$	-	\$ -	\$ -	\$ -	\$ - \$	\$; - \$	- \$	-
289	008-0292-567.40-05 Off.Fuel&Gas-Bldg.Util-Ad	\$ 288 \$	- \$	-	\$ -	\$ -	\$ -	\$ - \$	\$	\$	- \$	-
290	008-0292-567.40-06 Cleaning-Bldg.Util-Admin	\$ 8,124 \$	- \$	-	\$ -	\$ -	\$ -	\$ - \$	- \$	\$	- \$	-
291	008-0292-567.40-07 CAM First Colony	\$ 5,912 \$	6,900 \$	7,073	\$ 7,249	\$ 7,431	\$ 7,616	\$ 7,807 \$	8,002	8,202 \$	8,407 \$	8,617
292	008-0292-567.42-01 Mileage-Admin	\$ 1,380 \$	4,026 \$	4,127	\$ 4,230	\$ 4,336	\$ 4,444	\$ 4,555 \$	4,669	4,786 \$	4,905 \$	5,028
293	008-0292-567.42-02 Staff Development - Admin	\$ 47,640 \$	- \$	-	\$ -	\$ -	\$ -	\$ - \$	\$	- \$	- \$	-
294	008-0292-567.42-03 Uniforms-Admin	\$ - \$	100 \$	103	\$ 105	\$ 108	\$ 110	\$ 113 \$	116 \$	119 \$	122 \$	125
295	008-0292-567.42-05 Physicals-Admin	\$ 1,011 \$	1,273 \$	1,305	\$ 1,337	\$ 1,371		\$ 1,440 \$	1,476	1,513 \$	1,551 \$	1,590
296	008-0292-567.42-12 Training-Overnight Travel	\$ 21,069 \$	51,410 \$. , .	, ,	, .		,
297	008-0292-567.44-01 Depreciation-Admin	\$ 105,000 \$	125,000 \$			\$ 128,788						
298	008-0292-567.46-01 Bond Fees - Admin.	\$ 1,500 \$	1,500 \$		\$ 1,576							•
299	008-0292-567.46-02 Classifieds - Overhead	\$ 13,400 \$	14,000 \$									
												•

		FY 2014	FY 2015	FY 2016		FY 2017	FY 2018		FY 2019	FY 2020		FY 2021		FY 2022		FY 2023	-	Y 2024
	Expense Item	FT 2014	F1 2015	FT 2010		FT 2017	F1 2016		FT 2019	F1 2020		F1 2021		F1 2022	۰	-1 2023	-	1 2024
300	008-0292-567.46-04 Misc.Expense-Admin	\$ 10,500 \$	7,500	5 7,68	8 \$	7,880	\$ 8,07	7 \$	8,279	\$ 8,48	6 \$	8,698	\$	8,915	\$	9,138	ŝ	9,366
301	008-0292-567.46-05 Employment Advertising	\$ 6,000 \$	6,000	6,15	0 \$	6,304	\$ 6,46	1 \$	6,623	\$ 6,78	8 \$	6,958	\$	7,132	\$	7,310	5	7,493
302	008-0292-567.48-01 Dues&Subscrip-Overhead	\$ 11,300 \$	11,670	11,96	2 \$	12,261	\$ 12,56	7 \$	12,881	\$ 13,20	4 \$	13,534	\$	13,872	\$	14,219	5	14,574
303	008-0292-567.50-01 Recv'y Cost-Admin-Grants	\$ (15,500) \$	(20,054)	(20,55	6) \$	(21,070)	\$ (21,59	5) \$	(22,136)	\$ (22,69	0) \$	(23,257)	\$	(23,838)	\$	(24,434)	5	(25,045)
304	Subtotal	\$ 873,072 \$	933,818	958,01	3 \$	982,908	\$ 1,008,52	5 \$	1,034,888	\$ 1,062,01	8 \$	1,089,942	\$	1,118,684	\$	1,148,270	\$:	1,178,728
305	Total - General Admin	\$ 3,917,225 \$	3,853,014	4,034,51	2 \$	4,226,839	\$ 4,430,72	3 \$	4,646,970	\$ 4,876,40	9 \$	5,119,954	\$	5,378,582	\$	5,653,339	\$!	5,945,351
306	IT																	
307	Operational & Maintenance Expenses																	
308	008-0292-568.32-01 Office Supply-IT	\$ 49,328 \$	- 5	-	\$	-	\$ -	\$	- :	\$ -	\$	-	\$	-	\$	- \$	\$	-
309	008-0292-568.42-01 Mileage-IT	\$ 2,500 \$	- 5	-	\$	-	\$ -	\$	- :	\$ -	\$	-	\$	-	\$	- \$	\$	-
310	008-0292-568.42-02 Staff Development - IT	\$ 152 \$	- 5	-	\$	-	\$ -	\$	- :	\$ -	\$	-	\$	-	\$	- \$	\$	-
311	008-0292-568.42-12 Training-Overnight Travel	\$ 15,348 \$	- 5	-	\$	-	\$ -	\$	- :	\$ -	\$	-	\$	-	\$	- \$	\$	-
312	Bank Fees/On-Line Bill Payment Fees	\$ - \$	20,000	20,50	0 \$	21,013	\$ 21,53	3 \$	22,076	\$ 22,62	8 \$	23,194	\$	23,774	\$	24,368	\$	24,977
313	Total - IT	\$ 67,328 \$	20,000	20,50	0 \$	21,013	\$ 21,53	3 \$	22,076	\$ 22,62	8 \$	23,194	\$	23,774	\$	24,368	\$	24,977
314	Total - Admin	\$ 5,375,397 \$	5,416,876	5,668,34	8 \$	5,933,788	\$ 6,214,07) \$	6,510,131	\$ 6,822,97	1 \$	7,153,659	\$	7,503,340	\$	7,873,235	\$ 1	8,264,655
315	Engineering Expenses																	
316	Departmental Placeholders																	
317	Personal Services																	
318	Department Salary Budget Expense	\$ 606,076 \$	682,027			744,791	. ,	-		. ,		888,177		928,145	-	969,911		1,013,557
319	Department Contractual Labor Budget Expense	\$ 45,491 \$	-,			51,043			,			,	_	,	\$	66,472		69,463
320	Subtotal	\$ 651,567 \$	728,769	761,56	4 \$	795,834	\$ 831,64	5 \$	869,071	\$ 908,17	9 \$	949,047	\$	991,754	\$	1,036,383	\$:	1,083,020
321	Operational & Maintenance Expenses																	
322	Departmental Depreciation Placeholder	\$ 66,000 \$	65,000	65,65	0 \$	66,307	\$ 66,97) \$	67,639	\$ 68,31	6 \$	68,999	\$	69,689	\$	70,386	\$	71,090
323	Professional Service	\$ - \$	59,000	60,47	5 \$	61,987	\$ 63,53	7 \$	65,125	\$ 66,75	3 \$	68,422	\$	70,132	\$	71,886	\$	73,683
324	Subtotal	\$ 66,000 \$	124,000	126,12	5 \$	128,293	\$ 130,50	5 \$	132,764	\$ 135,06	9 \$	137,421	\$	139,821	\$	142,271	\$	144,772
325	Total - Departmental Placeholder	\$ 717,567 \$	852,769	887,68	9 \$	924,127	\$ 962,15	3 \$	1,001,835	\$ 1,043,24	8 \$	1,086,468	\$	1,131,575	\$	1,178,654	\$:	1,227,793
326	Inspections																	
327	Personal Services																	
328	008-0393-576.05-01 Regular	\$ 121,480 \$	126,860	- ,		138,534							\$		\$	180,408 \$		188,526
329	Subtotal	\$ 121,480 \$	126,860	132,56	9 \$	138,534	\$ 144,76	3 \$	151,283	\$ 158,09	1 \$	165,205	\$	172,639	\$	180,408	\$	188,526
330	Operational & Maintenance Expenses																	
331	008-0393-576.20-01 Veh Ops Inspections	\$ 17,250 \$	21,750	22,29	4 \$	22,851	\$ 23,42	2 \$	24,008	\$ 24,60	8 \$	25,223	\$	25,854	\$	26,500	\$	27,163
332	008-0393-576.20-02 Veh Maint Inspections	\$ 4,500 \$	- 5	-	\$	-	\$ -	\$	- :	\$ -	\$	-	\$	-	\$	- \$	\$	-
333	008-0393-576.32-01 Inspector Supplies	\$ 425 \$	425	5 43	6 \$	447	\$ 45	3 \$	469	\$ 48	1 \$	493	\$	505	\$	518	\$	531
334	Subtotal	\$ 22,175 \$	22,175	22,72	9 \$	23,298	\$ 23,88) \$	24,477	\$ 25,08	9 \$	25,716	\$	26,359	\$	27,018	\$	27,694
335	Total - Inspections	\$ 143,655 \$	149,035	155,29	8 \$	161,832	\$ 168,64	3 \$	175,760	\$ 183,18	0 \$	190,921	\$	198,998	\$	207,426	\$	216,220
336	General Engineering																	
337	Personal Services																	
338	008-0393-578.06-01 Casual & Contract Labor-Eng	\$ 3,000 \$	3,000	3,13	5 \$	3,276	\$ 3,42	3 \$	3,578	\$ 3,73	9 \$	3,907	\$	4,083	\$	4,266	\$	4,458
339	Subtotal	\$ 3,000 \$	3,000	3,13	5 \$	3,276	\$ 3,42	3 \$	3,578	\$ 3,73	9 \$	3,907	\$	4,083	\$	4,266	\$	4,458

	Company thous		FY 2014	FY 2015		FY 2016	FY 20:	17	F	Y 2018	F	Y 2019	FY 202	20	F	Y 2021	FY	Y 2022	FY 2023		FY 2024
	Expense Item																				
340	Operational & Maintenance Expenses																				
341	008-0393-578.20-01 Vehicle Operation-Eng	\$	5,900	\$ 5,500) \$	5,638	\$	5,778	\$	5,923	\$	6,071	5	5,223	\$	6,378	\$	6,538	6,701	\$	6,869
342	008-0393-578.20-02 Vehicle Maintenance-Eng	\$	1,600	\$ -	\$	-	\$	-	\$	-	\$	- \$	5	-	\$	-	\$	- \$		\$	-
343	008-0393-578.32-01 Office Supplies-Eng	\$	9,000	\$ 9,000) \$	9,225	\$	9,456	\$	9,692	\$	9,934	5 1	0,183	\$	10,437	\$	10,698	10,966	\$	11,240
344	008-0393-578.32-02 Office Printing-Eng	\$	700	\$ 500) \$	513	\$	525	\$	538	\$	552	5	566	\$	580	\$	594 \$	609	\$	624
345	008-0393-578.36-01 Inspec Prof Srvs	\$	10,000	\$ -	\$	-	\$	-	\$	-	\$	- 5	5	-	\$	-	\$	- \$	-	\$	-
346	008-0393-578.38-01 Miss Utilitiy SvcsEng	\$	7,000				\$	7,354	\$		\$	7,727		7,920		8,118	\$	8,321		\$	8,742
347	008-0393-578.40-01 Power-Bldg.Util-Eng	\$	6,300					,	\$		\$	7,293		7,658			\$	8,443	,	\$	9,308
348	008-0393-578.40-02 Phone/Fax-Bldg.Util-Eng	\$	5,400				-	5,142		5,322		5,508		5,701			\$	6,107	,		6,542
349	008-0393-578.40-03 Waste Mgmt-Bldg.Util-Eng	\$	1,000			1,025		1,051		1,077		1,104		1,131		1,160		1,189 \$			1,249
350	008-0393-578.40-04 Cable-Bldg.Util-Eng	\$	2,000					,	\$		\$	1,766		1,810			\$	1,902			1,998
351	008-0393-578.40-05 Off.Fuel-Bldg.Util-Eng	\$	1,000	\$ 1,000) \$	1,050	\$	1,103	\$	1,158	\$	1,216	5	1,276	\$	1,340	\$	1,407	1,477	\$	1,551
352	008-0393-578.40-06 Cleaning-Bldg.Util-Eng	\$	2,000			3,075		3,152	\$	3,231		3,311		3,394		3,479	\$	3,566		\$	3,747
353	008-0393-578.42-01 Mileage-Eng	\$	400	-			\$		\$		\$	331			\$		\$	357 \$			375
354	008-0393-578.42-02 Staff Development - Eng	\$	4,110				-	,	\$		\$	5,306		5,439			\$	5,714			6,003
355	008-0393-578.42-03 Uniforms-Eng	\$	2,310			3,280		3,362		3,446		3,532		3,621		3,711		3,804			3,996
356	008-0393-578.42-05 Physicals-Eng	\$	700			513			\$		\$	552			\$		\$	594 \$		\$	624
357	008-0393-578.42-12 Training-Overnight Travel	\$	5,700			5,023		,	\$	5,277		5,409		5,544		5,682		5,825			6,119
358	008-0393-578.46-01 Misc.Expense-Eng	\$	1,000	-) \$	513		525		538		552		566		580		594 \$			624
359	008-0393-578.50-01 Recv'y of Cost-Eng	\$	(301,800)	, ,,	<u> </u>	(,,			\$	1, ,	\$	(372,220)		,,	\$	(, ,	\$	(400,840) \$,,	_	(421,133)
360	Subtotal	\$	(235,680)	\$ (283,600	5) \$	(290,473)	\$ (29	7,501)	\$	(304,695)	\$	(312,056)	(31	9,590)	\$	(327,299)	\$	(335,188) \$	(343,261)	\$	(351,520)
361	Total - General Engineering	\$	(232,680)	\$ (280,600	5) \$	(287,338)	\$ (29	4,225)	\$	(301,271)	\$	(308,479)	(31	5,851)	\$	(323,392)	\$	(331,106) \$	(338,994)	\$	(347,062)
362	Total - Engineering	\$	628,542	\$ 721,198	\$	755,649	\$ 79	1,734	\$	829,530	\$	869,116	91),576	\$	953,996	\$	999,468 \$	1,047,086	\$	1,096,950
262	Inspection Overhood																				
363	Inspection Overhead																				
364 365	Operational & Maintenance Expenses Inspection Overhead	Ś	85,036	\$ 114,174	ı \$	117,028	\$ 11	9,954	\$	122,953	Ś	126,027	12	9,177	ć	132,407	\$	135,717	139,110	Ś	142,588
366	Total - Inspection Overhead	\$		\$ 114,174				_	\$		\$	126,027		_	\$		\$	135,717 \$			142,588
367	Transfers Out	_													_		_				
368	Capital Funding Transfer from Operations	\$	181,825		_		•		\$		\$	104,770 \$		5,118	-	136,268		157,633 \$			195,125
369	Total - Transfer Out	\$	181,825	\$ 4,000) \$	46,769	\$ 9	3,984	Ş	77,717	Ş	104,770	5 12	5,118	Ş	136,268	Ş	157,633	176,778	Ş	195,125
370	Personal Services	\$	8,372,615	\$ 8,714,454	\$	9,132,543	\$ 9,57	2,496	\$ 1	10,035,554	\$ 1	10,523,034	11,03	5,336	\$ 1	11,576,945	\$ 12	2,146,443	12,746,508	\$	13,378,927
371	Varible Operational & Maintenance Expenses	\$	1,610,047	\$ 1,791,650) \$	1,877,889	\$ 1,96	8,356	\$	2,063,261	\$	2,162,823	2,26	7,273	\$	2,376,854	\$ 2	2,491,819	2,612,435	\$	2,738,982
372	Fixed Operational & Maintenance Expenses	\$	3,476,078	\$ 3,448,082	\$	3,530,414	\$ 3,61	4,981	\$	3,701,850	\$	3,791,092	3,88	2,780	\$	3,976,986	\$ 4	4,073,790 \$	4,173,272	\$	4,275,512
373	Transfers Out	\$	181,825	\$ 4,000) \$	46,769	\$ 9	3,984	\$	77,717	\$	104,770	12	5,118	\$	136,268	\$	157,633	176,778	\$	195,125
374	Personal Services (1)		100%	98	%	98%		98%		98%		98%		98%		98%		98%	98%		98%
375	Varible Operational & Maintenance Expenses (1)		100%	98		98%		98%		98%		98%		98%		98%		98%	98%		98%
376	Fixed Operational & Maintenance Expenses (1)		100%	98		98%		98%		98%		98%		98%		98%		98%	98%		98%
377	Transfers Out		100%	100		100%		100%		100%		100%		100%		100%		100%	100%		100%
270	Personal Services	¢	9 272 61F	¢ 0 E40 161		0 040 002	¢ 0.20	1 046	ć	0 034 043	ė 1	10 212 574	10.01	: 600	ė 1	11 24E 40 C	ć 1	1 002 514	12 /01 570	ć	12 111 240
378	Personal Services	\$	8,372,615			-,			-			10,312,574			-		-	1,903,514 \$		•	13,111,348
379	Varible Operational & Maintenance Expenses	\$		\$ 1,755,817					-			2,119,566	,	,	-			2,441,982 \$		\$	2,684,203
380	Fixed Operational & Maintenance Expenses Transfers Out	\$ \$	3,476,078 181,825					2,681 3,984	\$ \$			3,715,271		5,124		3,897,447		3,992,315		\$	4,190,002
204	Transfers Litt		181.825	o 4.000	, 5	46.769	\$ 9	ა.ყგ4	>	77,717	>	104,770	12	5,118	Þ	136,268	Þ	157,633	176,778	Þ	195,125
381	Transiers out	*		, ,,,,,	•	,			•												

(1) Execution rates in FY 2015 and forward are based on an analysis of historical budget execution

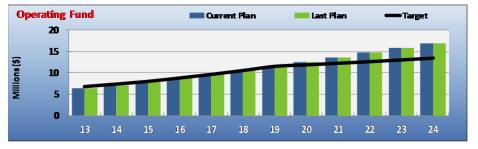
	FY	Y 2014	FY 2015	FY 201	6	FY 2017	F	Y 2018		FY 2019	F	Y 2020	-	FY 2021	-	FY 2022	F	Y 2023	- 1	FY 2024
1 Rate Revenue Growth Assumptions 2 Water Growth																				
3 Growth in Accts & Use		N/A	0.88%	0.99%		0.99%	().99%		0.99%	C).99%		0.99%		0.99%		0.99%		0.99%
4 Sewer Growth																				
5 Growth in Accts & Use		N/A	0.00%	0.99%		0.99%	().99%		0.99%	C).99%		0.99%		0.99%		0.99%		0.99%
6 Assumed Rate Revenue Increases																				
7 Assumed Water Rate Increase		N/A	0.00%	3.00%		3.00%	3	3.00%		3.00%	3	3.00%		3.00%		3.00%		3.00%		3.00%
8 Assumed Sewer Rate Increase (1)		N/A	3.67%	3.75%		3.75%	3	3.75%		3.75%	3	3.75%		3.75%		3.75%		3.75%		3.75%
9 Water Revenue																				
0 Non-Metered Water Revenue	\$	245,392	\$ 247,551	\$ 257,	502 \$	267,853	\$	278,620	\$	289,820	\$	301,470	\$	313,589	\$	326,195	\$	339,307	\$	352,9
1 Metered Water Rate Revenue																				
2 Base Facility Charges	\$ 3	,146,653	\$ 3,174,337	\$ 3,301,	939 \$	3,434,670	\$ 3	,572,737	\$	3,716,354	\$ 3	,865,744	\$	4,021,140	\$	4,182,781	\$ 4	4,350,921	\$	4,525,8
13 Usage Charges	\$ 1,	,295,028	\$ 1,307,978	\$ 1,356,	508 \$	1,407,045	\$ 1	,459,358	\$	1,513,616	\$ 1	,569,890	\$	1,628,257	\$	1,688,795	\$	1,751,582	\$	1,816,7
14 Ready-to-Serve-Lrg.W.Mtrs	\$	76,500	\$ 77,500	\$ 77,	500 \$	77,500	\$	77,500	\$	77,500	\$	77,500	\$	77,500	\$	77,500	\$	77,500	\$	77,5
15 Water Tower Rental Fees	\$	157,700	\$ 163,223	\$ 163,	223 \$	163,223	\$	163,223	\$	163,223	\$	163,223	\$	163,223	\$	163,223	\$	163,223	\$	163,2
16 Cut-on Cut-Off Fees	\$	55,525	\$ 50,000	\$ 50,	000 \$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,000	\$	50,0
7 Total Water Revenue	\$ 4	,976,798	\$ 5,020,589	\$ 5,206,	772 \$	5,400,292	\$ 5	,601,438	\$	5,810,513	\$ 6	,027,828	\$	6,253,709	\$	6,488,494	\$	5,732,533	\$	6,986,1
8 Sewer Rate Revenue																				
9 Non-Metered Sewer Revenue	\$ 7	,130,650	\$ 7,392,345	\$ 7,745,	194 \$	8,115,514	\$ 8	,503,211	\$	8,909,428	\$ 9	,335,052	\$	9,781,009	\$1	0,248,270	\$1	0,737,853	\$1	1,250,8
Metered Sewer Rate Revenue																				
21 Base Facility Charges	\$	200,297	\$ 207,648	\$ 217,	568 \$	227,962	\$	238,852	\$	250,263	\$	262,218	\$	274,745	\$	287,870	\$	301,622	\$	316,0
Usage Charges	\$	736,170	\$ 760,386	\$ 769,	278 \$	795,133	\$	821,857	\$	849,479	\$	878,030	\$	907,540	\$	938,042	\$	969,569	\$	1,002,1
Navy Use	\$	537,289	\$ 514,405	\$ 544,	969 \$	569,320	\$	594,858	\$	621,649	\$	649,761	\$	679,265	\$	710,237	\$	742,759	\$	776,9
24 Septage Haulers Revenue	\$	139,000	\$ 139,000				\$	139,000	\$	139,000	\$		\$	139,000		139,000	\$		\$	139,0
Other Income-Sewer	\$	53,700	\$ 40,000	\$ 40,			Ś	40,000	Ś	40,000	Ś	40,000	\$	40,000	\$	40,000	\$	40,000	\$	40,0
Total Sewer Rate Revenue	\$ 8,	,797,107	\$ 9,053,784	\$ 9,456,	310 \$	9,886,929	\$10	,337,778	\$1	.0,809,820	\$11	,304,061	\$1	1,821,558	\$1	2,363,419	\$1	2,930,804	\$1	3,524,9
7 Engineering Revenue																				
REC Review/Concept Plan	\$	115,000	\$ 102,617	\$ 102,	517 \$	102,617	\$	102,617	\$	102,617	\$	102,617	\$	102,617	\$	102,617	\$	102,617	\$	102,6
9 Water Inspection for CO	\$	250,000	\$ 199,414	\$ 199,	414 \$	199,414	\$	199,414	\$	199,414	\$	199,414	\$	199,414	\$	199,414	\$	199,414	\$	199,4
Request for Info/Copies	\$	45,000	\$ 32,787	\$ 32,	787 \$	32,787	\$	32,787	\$	32,787	\$	32,787	\$	32,787	\$	32,787	\$	32,787	\$	32,7
Total Reclaimed Water Rate Revenue	\$	410,000	\$ 334,818	\$ 334,	318 \$	334,818	\$	334,818	\$	334,818	\$	334,818	\$	334,818	\$	334,818	\$	334,818	\$	334,8
Other Operating Revenue																				
3 Late Charge Income	\$	101,000	\$ 135,000	\$ 135,	000 \$	135,000	\$	135,000	\$	135,000	\$	135,000	\$	135,000	\$	135,000	\$	135,000	\$	135,0
34 Misc Income	\$	5,000	\$ 10,000	\$ 10,	000 \$	10,000	\$	10,000	\$	10,000	\$	10,000	\$	10,000	\$	10,000	\$	10,000	\$	10,0
Meters to Developers	\$	35,000	\$ -	\$	- \$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	
Meter Installation Expense	\$	(30,000)	\$ (40,000) \$ (40,	000) \$	(40,000)	\$	(40,000)	\$	(40,000)	\$	(40,000)	\$	(40,000)	\$	(40,000)	\$	(40,000)	\$	(40,0
7 Total Other Operating Revenue	\$	111,000	\$ 105,000	\$ 105,	000 \$	105,000	\$	105,000	\$	105,000	\$	105,000	\$	105,000	\$	105,000	\$	105,000	\$	105,0
8 Non-Operating Revenues																				
9 Interest Income	Ś	16,867	18.774	41,	302	69.068		100.925		165,571		240.946		262.082		283,567		305.267		327,1
Total Non-Operating Revenues	\$	16,867	\$ 18,774		302 302 \$,	\$	100,925	\$	165,571		240,946	\$	262,082	\$	283,567	\$	305,267	\$	327,1
1 Total Revenue	\$14	311 772	\$14,532,965	\$ 15,144,	702 Ś	15,796,106	¢ 16	470 060	¢ 1	7 225 722	¢ 10	012 652	Ć 1	9 777 167	¢1	9,575,298	¢ 2	0,408,422	\$2	1 279 0

(1) Fiscal year 2015 sewer rate increase was approved prior to this rate study

		2014	2015	2016		2017		2018		2019		2020		2021		2022		2023		2024
Sewer Cost	\$	8.126.759	\$ 8 561 <i>4</i> 73	\$ 8 942 536	\$	9 342 106	\$	9 761 176	\$	10 200 797	\$	10 662 086	\$	11 146 222	\$	11 654 459	\$	12,188,122	\$	12 748 619
Marley-Taylor Percent of Budget	Ψ	45%	45%	45%	Ψ	45%	Ψ	45%	Ψ	45%	Ψ	45%	Ψ	45%	Ψ	45%	Ψ	45%	Ψ	45%
Marley-Taylor Portion of Sewer Budget	\$	3,663,896	\$ 3,859,883	\$ 4,031,684	\$	4,211,827	\$	4,400,762	\$	4,598,962	\$	4,806,931	\$	5,025,201	\$	5,254,336	\$	5,494,934	\$	5,747,631
Non Navy Volume		1,313,283	1,316,805	1,316,805		1,316,805		1,316,805		1,316,805		1,316,805		1,316,805		1,316,805		1,316,805		1,316,805
Calculated Cost of Service	\$	2.79	\$ 2.93	\$ 3.06	\$	3.20	\$	3.34	\$	3.49	\$	3.65	\$	3.82	\$	3.99	\$	4.17	\$	4.36
Current Navy Rate	\$	2.89	\$ 2.89	\$ 2.89	\$	2.89	\$	2.89	\$	2.89	\$	2.89	\$	2.89	\$	2.89	\$	2.89	\$	2.89
New Navy Rate	\$	2.89	\$ 2.89	\$ 3.06	\$	3.20	\$	3.34	\$	3.49	\$	3.65	\$	3.82	\$	3.99	\$	4.17	\$	4.36
Percentage Increase			0.0%	5.9%		4.5%		4.5%		4.5%		4.5%		4.5%		4.6%		4.6%		4.6%
Nawy Volume (1,000 Gal)		185,913	177,995	177,995		177,995		177,995		177,995		177,995		177,995		177,995		177,995		177,995
Navy Revenue	\$	537,289	\$ 514,405	\$ 544,969	\$	569,320	\$	594,858	\$	621,649	\$	649,761	\$	679,265	\$	710,237	\$	742,759	\$	776,917

		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Expenses												
Administra	ation	\$ 5,375,397 \$	5,416,876 \$	5,668,348 \$	5,933,788 \$	6,214,070 \$	6,510,131 \$	6,822,971 \$	7,153,659 \$	7,503,340 \$	7,873,235 \$	8,264,6
		-,,	-, -, ,	.,, ,	.,,	., ,	.,,	-7- 7- 7	,, ,	,,-	,, •	-, - ,-
Engineering	1	\$ 628,542 \$	721,198 \$	755,649 \$	791,734 \$	829,530 \$	869,116 \$	910,576 \$	953,996 \$	999,468 \$	1,047,086 \$	1,096,9
- Deprecia	-	\$ (66,000) \$	(65,000) \$	(65,650) \$	(66,307) \$	(66,970) \$	(67,639) \$	(68,316) \$	(68,999) \$	(69,689) \$	(70,386) \$	(71,0
Engineeri	ng (Min Dep.)	\$ 562,542 \$	656,198 \$	689,999 \$	725,427 \$	762,560 \$	801,477 \$	842,260 \$	884,997 \$	929,779 \$	976,700 \$	1,025,8
Engineeri	• • • •	\$ 593,981 \$	450,619 \$	476,092 \$	503,081 \$	531,685 \$	562,008 \$	594,163 \$	628,271 \$	664,461 \$	702,871 \$	743,6
•	ng G&A %	11%	8%	8%	8%	9%	9%	9%	9%	9%	9%	-,
+ Depreci	•	\$ 66,000 \$	65,000 \$	65,650 \$	66,307 \$	66,970 \$	67,639 \$	68,316 \$	68,999 \$	69,689 \$	70,386 \$	71,
•	ng Revenue	\$ 410,000 \$	334,818 \$	334,818 \$	334,818 \$	334,818 \$	334,818 \$	334,818 \$	334,818 \$	334,818 \$	334,818 \$	334,
	gineering Exp.	\$ 812,523 \$	836,999 \$	896,923 \$	959,997 \$	1,026,397 \$	1,096,306 \$	1,169,921 \$	1,247,449 \$	1,329,111 \$	1,415,139 \$	1,505,
Sewer		\$ 4,750,230 \$	4,981,932 \$	5,177,922 \$	5,382,293 \$	5,595,417 \$	5,817,687 \$	6,049,513 \$	6,291,321 \$	6,543,560 \$	6,806,699 \$	7,081,
- Depratat	tion	\$ (240,000) \$	(240,000) \$	(242,400) \$	(244,824) \$	(247,272) \$	(249,745) \$	(252,242) \$	(254,765) \$	(257,312) \$	(259,886) \$	(262,
Sewer (M	in Dep.)	\$ 4,510,230 \$	4,741,932 \$	4,935,522 \$	5,137,469 \$	5,348,145 \$	5,567,942 \$	5,797,270 \$	6,036,556 \$	6,286,248 \$	6,546,813 \$	6,818,
Sewer G	&A	\$ 3,081,715 \$	3,256,341 \$	3,405,460 \$	3,562,815 \$	3,728,920 \$	3,904,326 \$	4,089,620 \$	4,285,432 \$	4,492,432 \$	4,711,339 \$	4,942,
Sewer G	&A %	57%	60%	60%	60%	60%	60%	60%	60%	60%	60%	
+ Depreci	ation	\$ 240,000 \$	240,000 \$	242,400 \$	244,824 \$	247,272 \$	249,745 \$	252,242 \$	254,765 \$	257,312 \$	259,886 \$	262
Eng. Allo	cation	\$ 487,514 \$	502,199 \$	538,154 \$	575,998 \$	615,838 \$	657,784 \$	701,953 \$	748,470 \$	797,467 \$	849,083 \$	903,
Eng. Allo	cation %	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	
Total Se	wer Exp.	\$ 8,319,459 \$	8,740,473 \$	9,121,536 \$	9,521,106 \$	9,940,176 \$	10,379,797 \$	10,841,086 \$	11,325,222 \$	11,833,459 \$	12,367,122 \$	12,927,
Sewer Re	venue	\$ 8,760,522 \$	8,791,086 \$	9,167,825 \$	9,585,041 \$	10,021,867 \$	10,479,236 \$	10,958,125 \$	11,459,560 \$	11,984,615 \$	12,534,417 \$	12,118,
Cost Reco	verv	105.3%	100.6%	100.5%	100.7%	100.8%	101.0%	101.1%	101.2%	101.3%	101.4%	93
Water		\$ 2,619,535 \$	2,720,005 \$	2,821,898 \$	2,928,064 \$	3,038,695 \$	3,153,989 \$	3,274,152 \$	3,399,403 \$	3,529,968 \$	3,666,085 \$	3,808
- Depratat	tion	\$ (220,000) \$	(230,000) \$	(232,300) \$	(234,623) \$	(236,969) \$	(239,339) \$	(241,732) \$	(244,150) \$	(246,591) \$	(249,057) \$	(251,
Water (M	in Dep.)	\$ 2,399,535 \$	2,490,005 \$	2,589,598 \$	2,693,441 \$	2,801,726 \$	2,914,650 \$	3,032,420 \$	3,155,253 \$	3,283,376 \$	3,417,027 \$	3,556,
Water G	&A	\$ 1,699,701 \$	1,709,916 \$	1,786,796 \$	1,867,891 \$	1,953,465 \$	2,043,797 \$	2,139,187 \$	2,239,956 \$	2,346,447 \$	2,459,025 \$	2,578,
Water G	&A %	32%	32%	32%	31%	31%	31%	31%	31%	31%	31%	
+ Depreci	ation	\$ 220,000 \$	230,000 \$	232,300 \$	234,623 \$	236,969 \$	239,339 \$	241,732 \$	244,150 \$	246,591 \$	249,057 \$	251,
——— Eng. Allo	cation	\$ 325,009 \$	334,800 \$	358,769 \$	383,999 \$	410,559 \$	438,522 \$	467,968 \$	498,980 \$	531,644 \$	566,056 \$	602
Eng. Allo	cation %	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	
Total Wa	ter Exp.	\$ 4,644,245 \$	4,764,721 \$	4,967,463 \$	5,179,955 \$	5,402,719 \$	5,636,308 \$	5,881,307 \$	6,138,338 \$	6,408,058 \$	6,691,165 \$	6,988
Water Re	evenue	\$ 4,976,798 \$	5,020,589 \$	5,067,549 \$	5,255,580 \$	5,451,021 \$	5,654,164 \$	5,865,314 \$	6,084,787 \$	6,312,910 \$	6,550,025 \$	6,796
Cost Rec	overy	107.2%	105.4%	102.0%	101.5%	100.9%	100.3%	99.7%	99.1%	98.5%	97.9%	9
Total EX	P	\$ 12,963,704 \$	13,505,193 \$	14,088,999 \$	14,701,061 \$	15,342,894 \$	16,016,105 \$	16,722,393 \$	17,463,561 \$	18,241,517 \$	19,058,287 \$	19,916
Sewer D		\$ - \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	(809,
Water De		\$ - \$	- \$	- \$	- \$	- \$	- \$	(15,993) \$	(53,552) \$	(95,149) \$	(141,140) \$	(191
Total Def	ficit	\$ - \$	- \$	- \$	- \$	- \$	- \$	(15,993) \$	(53,552) \$	(95,149) \$	(141,140) \$	(1,001,
Sewer A		0%	0%	0% 0%	0% 0%	0% 0%	0% 0%	0% 100%	0% 100%	0% 100%	0% 100%	
	location	0%	0%									

	FINA	NCIAL	ANALY:	SIS AND	MANA	4 <i>GEME</i>	NT SYS	TEM (F.	AMS) S	UMMA	RY			
SAVE CALC ROLL		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Cumulativ	e Change
	Override 🕨		0.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	FY 2019	FY 2024
Water Rate Ir	ncreases	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	0.00%	0.00%
	Last Plan	0.00%	0.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	0.00%	0.00%
	Override 🕨		3.67%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	PS FY15 ►	98.0%
Sewer Rate Ir	icreases	0.00%	3.67%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	OMV FY15 ►	98.0%
	Last Plan	0.00%	3.67%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	OMF FY15 ►	98.0%
Operating Rese	rve Mo ▶	3.5	4.0	4.5	5.0	5.5	6.0	6.0	6.0	6.0	6.0	6.0		
Capital Reser	ve \$ ►	\$3.5	\$3.5	\$3.5	\$3.5	\$3.5	\$3.5	\$3.5	\$3.5	\$3.5	\$3.5	\$3.5		
Water													Misc Rev.	
Metered Rate-Monthly	\$18.42	\$18.42	18.42	18.97	19.54	20.13	20.73	21.35	21.99	22.65	23.33	24.03		
Usage Rate	\$3.07	\$3.07	3.07	3.16	3.25	3.35	3.45	3.55	3.66	3.77	3.88	4.00		
Non-Metered Rate per EDU	\$23.03	\$23.03	23.03	23.72	24.43	25.16	25.91	26.69	27.49	28.31	29.16	30.03		
Hydrant Meter Charge	\$6.14	\$6.14	6.14	6.32	6.51	6.71	6.91	7.12	7.33	7.55	7.78	8.01		
Sewer														
Metered Rate-Monthly	\$29.48	\$29.48	30.56	31.71	32.90	34.13	35.41	36.74	38.12	39.55	41.03	42.57		
Usage Rate	\$5.46	\$5.46	5.66	5.87	6.09	6.32	6.56	6.81	7.07	7.34	7.62	7.91		
Non-Metered Rate per EDU	\$34.56	\$34.56	35.83	37.17	38.56	40.01	41.51	43.07	44.69	46.37	48.11	49.91		
Navy Rate	\$2.89	\$2.89	2.89	3.06	3.20	3.34	3.49	3.65	3.82	3.99	4.17	4.36		
Water	\$18.42	\$18.42	\$18.42	\$18.97	\$19.54	\$20.13	\$20.73	\$21.35	\$21.99	\$22.65	\$23.33	\$24.03	Check	\$ -
Sewer	\$34.94	\$34.94	\$36.22	\$37.58	\$38.99	\$40.45	\$41.97	\$43.55	\$45.19	\$46.89	\$48.65	\$50.48		
Average Bill (60	******	\$53.36	54.64	56.55	58.53	60.58	62.70	64.90	67.18	69.54	71.98	74.51		
Average bill (ot	Last Plan	\$53.36	54.64		58.53	60.58	62.70	64.90						
	Last Pian	\$33.36	54.64	56.55	58.53	80.00	02.70	04.90	67.18	69.54	71.98	74.51		





Tarabata Barana		EV 2044													
		FY 2014		FY 2015	FY	2016	FY 2017	FY 2018	3	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Rate Revenue		42 754 400		42 754 400	42	000 246	42.640.200	44.240	470	44.074.625	45 520 050	46 242 405	46.026.200	47 674 052	40 450 055
Water And Sewer Rate Revenue	\$	12,754,190		12,754,190	13,	090,246	13,648,389	14,248,	1/8	14,874,635	15,528,960	16,212,405	16,926,280	17,671,952	18,450,855
Additional Rate Revenue From Partial Py Rate Increase	\$	-		42 702		400.005	427.050	422	-	-	-	454.004	450.763	465.040	472.255
	\$	-		42,793		106,085	127,650	133,	338	139,281	145,491	151,981	158,763	165,849	173,255
•	\$	-		-		-	-		-	-	-	-	-	-	-
	\$				13,	,									18,624,110
		0.0%													3.5%
	\$	-						,		•				,	649,611
	\$	-			- 40				_						(9,239
															19,264,482
· · · · · · · · · · · · · · · · · · ·															1,686,458
Equals: Total Operating Revenue	\$	14,294,905	:	14,514,191	15,	102,900	15,727,039	16,379,	035	17,060,151	17,771,707	18,515,085	19,291,731	20,103,155	20,950,940
Loss: Onerating Evnences															
	¢	(8 372 615)		(8 5/0 165)	/2	0/0 802)	(0.381.046)	(0.834	8/13/	(10 312 574)	(10 815 600)	(11 3/15 //06)	(11 903 514)	(12 /01 578)	(13,111,348
															(2,684,203
															(4,190,002
			ć				. , , ,		_	.,,,	. , , ,	. , , ,	. , , ,		\$ 965,387
Equals. Net Operating income		030,103	7	033,030	,	032,071	074,322	у 05 -1 ,	303	3 312,740	3 323,047	3 342,310	3 333,320	3 301,363	7 303,307
Plus: Non-Operating Income/(Expense)															
Non-Operating Revenue	\$	-		-		-	-		-	_	-	-	-	-	-
Interest Income	\$	16,867		18,774		41,802	69,068	100,	925	165,571	240,946	262,082	283,567	305,267	327,141
Transfer In	\$			· -		-	-		_	-	-	-	, -	-	-
Equals: Net Income	\$	853,032	\$	857,863	\$	894,673	\$ 943,390	\$ 995,	308	\$ 1,078,311	\$ 1,169,992	\$ 1,204,997	\$ 1,237,487	\$ 1,266,851	\$ 1,292,528
Less: Revenues Excluded From Coverage Test															
Transfers In	\$	-		-		-	-		-	-	-	-	-	-	-
Equals: Net Income Available For Debt Service	\$	853,032	\$	857,863	\$	894,673	943,390	\$ 995,	308	\$ 1,078,311	\$ 1,169,992	\$ 1,204,997	\$ 1,237,487	\$ 1,266,851	\$ 1,292,528
Cosh Flow Tost															
	ė	052 022	ė	057.062	ċ	004 672 0	. 042 200	¢ 00F	200	ć 1.070.211	ć 1 160 003	¢ 1 204 007	¢ 1 227 407	¢ 1 266 951	ć 1 202 E20
	<u>ب</u>	033,032	Ş	037,003	Ş	094,075				\$ 1,076,511	\$ 1,109,992	\$ 1,204,997	\$ 1,257,467	3 1,200,651	\$ 1,292,320
· · · · · · · · · · · · · · · · · · ·	چ خ	(101 025)		(4.000)		- (46.760)				(104 770)	- /12E 110\	(126.260)	(157 622)	(176 770)	(195,125
		(101,023)		(4,000)		(40,769)	(93,964)	(77,	/1/)	(104,770)	(125,116)	(130,200)	(137,633)	(170,776)	(195,125
	- т	671 207	ć	000 000	ć		- 940 406	ć 017	-	ć 072 E42	÷ 1 044 974	¢ 1.069.730	¢ 1.070.9E4	¢ 1,000,074	\$ 1,097,403
Net Cash Flow	,	0/1,20/	Þ	033,003	· ·	047,905	5 643,400	\$ 317,	231	\$ 973,342	3 1,044,674	\$ 1,000,729	3 1,079,634	\$ 1,090,074	\$ 1,057,403
Unrestricted Reserve Fund Test															
Balance At Beginning Of Fiscal Year	\$	6,411,329	\$	7,082,536	\$ 7.	936,400	\$ 8,784,303	\$ 9,633.	709	\$ 10,551,300	\$ 11,524,842	\$ 12,569,716	\$ 13,638,445	\$ 14,718,299	\$ 15,808,373
	\$	671,207	\$	853,863	\$	847,903	849,406	\$ 917,	591	\$ 973,542	\$ 1,044,874	\$ 1,068,729	\$ 1,079,854	\$ 1,090,074	\$ 1,097,403
Reserve Fund Balance Used For Cash Flow Deficit	Ś	-		-		-	-	,	_	_	-		-	-	_
	Ś	_		_		-	_		_	_	_	_	_	-	_
•	Ś	_		_		_	_		_	_	_	_	-	-	_
	Ś	7.082.536		7.936.400	Я	784.303	9.633.709	10.551	300	11.524.842	12.569.716	13.638.445	14.718.299	15.808.373	16,905,776
															13,477,777
			ć												\$ 3,427,999
	Non-Operating Revenue Interest Income Transfer In Equals: Net Income Less: Revenues Excluded From Coverage Test Transfers In Equals: Net Income Available For Debt Service Cash Flow Test Net Income Available Less: Non-Operating Expenditures Net Interfund Transfers (In - Out) Capital Outlay Net Cash Flow Unrestricted Reserve Fund Test Balance At Beginning Of Fiscal Year Cash Flow Surplus/(Deficit)	Weather Normalization And Other Adjustments Subtotal: Base Revenue With Growth Weighted Average Rate Increase Additional Rate Revenue From Rate Increase Price Elasticity Adjustment Total Rate Revenue Plus: Other Operating Revenue Equals: Total Operating Revenue Sequals: Total Operating Revenue Less: Operating Expenses Personal Services Variable O&M Fixed O&M Equals: Net Operating Income Plus: Non-Operating Income Plus: Non-Operating Revenue Interest Income Transfer In Equals: Net Income Sequals: Net Income Less: Revenues Excluded From Coverage Test Transfers In Equals: Net Income Available For Debt Service Cash Flow Test Net Income Available Less: Non-Operating Expenditures Net Interfund Transfers (In - Out) Capital Outlay Net Cash Flow Unrestricted Reserve Fund Test Balance At Beginning Of Fiscal Year Cash Flow Surplus/(Deficit) Reserve Fund Balance Used For Cash Flow Deficit Projects Paid With Reserve Funds (Non Specified Funds) Balance At End Of Fiscal Year Sequence	Weather Normalization And Other Adjustments \$ 12,754,190 Subtotal: Base Revenue With Growth Weighted Average Rate Increase 0.0% Additional Rate Revenue From Rate Increase \$ - Price Elasticity Adjustment \$ 12,754,190 Total Rate Revenue \$ 12,754,190 Plus: Other Operating Revenue \$ 1,540,714 Equals: Total Operating Revenue \$ 14,294,905 Less: Operating Expenses \$ (8,372,615) Personal Services \$ (8,372,615) Variable O&M \$ (1,610,047) Fixed O&M \$ (3,476,078) Equals: Net Operating Income \$ 336,165 Plus: Non-Operating Income/(Expense) \$ 16,867 Non-Operating Revenue \$ - Interest Income \$ 16,867 Transfer In \$ - Equals: Net Income \$ 853,032 Less: Revenues Excluded From Coverage Test Transfers In Transfers In \$ - Equals: Net Income Available \$ 853,032 Less: Row-Operating Expenditures \$ - Net Income Available \$ 853,032 Less: Non-Operating Expenditures \$ - Net Interfund Transfers (In - Out	Weather Normalization And Other Adjustments \$ 12,754,190 Subtotal: Base Revenue With Growth Weighted Average Rate Increase 0.0% Additional Rate Revenue From Rate Increase \$ - Price Elasticity Adjustment \$ - Total Rate Revenue \$ 12,754,190 Plus: Other Operating Revenue \$ 1,540,714 Equals: Total Operating Revenue \$ 14,294,905 Less: Operating Expenses Personal Services Personal Services \$ (8,372,615) Variable O&M \$ (1,610,047) Fixed O&M \$ (3,476,078) Equals: Net Operating Income/(Expense) \$ 836,165 Non-Operating Revenue \$ - Interest Income \$ 16,867 Transfer In \$ - Equals: Net Income \$ 853,032 Less: Revenues Excluded From Coverage Test \$ - Transfers In \$ - Equals: Net Income Available \$ 853,032 Less: Revenues Excluded From Coverage Test \$ - Transfers In \$ - Equals: Net Income Available \$ 853,032 Less: Revenues Excluded From Coverage Test \$ - Transfers In \$ -	Weather Normalization And Other Adjustments \$ Subtotal: Base Revenue With Growth \$ 12,754,190 12,796,883 Weighted Average Rate Increase 0.0% 2.3% Additional Rate Revenue From Rate Increase \$ - 296,663 Price Elasticity Adjustment \$ 12,754,190 13,090,246 Plus: Other Operating Revenue \$ 12,754,190 13,090,246 Flus: Other Operating Revenue \$ 14,294,905 14,514,191 Less: Operating Expenses Personal Services \$ (8,372,615) (8,540,165) Variable O&M \$ (1,610,047) (1,755,817) Fixed O&M \$ (3,476,078) (3,379,120) Equals: Net Operating Income \$ 336,165 \$ 339,090 \$ 336,165 \$ 339,090 Plus: Non-Operating Revenue \$ 16,867 18,774 Transfer In \$ 16,867 18,774 Transfer In \$ 16,867 18,774 18,774 Transfers In \$ 5 - - Equals: Net Income Available For Debt Service \$ 853,032 \$ 857,863 857,863 Less: Revenues Excluded From Coverage Test Transfers In \$ 5 -	Subtotal: Base Revenue With Growth \$12,754,190 12,796,983 13,	Weather Normalization And Other Adjustments \$ 12,754,190 12,796,983 13,196,331 Subtotal: Base Revenue With Growth \$ 12,754,190 12,796,983 13,196,331 Weighted Average Rate Increase 0.0% 2.3% 3.5% Additional Rate Revenue From Rate Increase \$ - 296,063 459,036 Price Elasticity Adjustment \$ 12,754,190 13,090,246 13,648,389 Plus: Other Operating Revenue \$ 1,540,714 1,423,466 1,454,510 Equals: Total Operating Revenue \$ 14,294,905 14,514,191 15,102,900 Less: Operating Expenses Personal Services \$ (8,372,615) (8,540,165) (8,949,892) Variable O&M \$ (1,610,047) (1,755,817) (1,840,331) (1,610,047) (1,755,817) (1,840,331) Fixed O&M \$ (3,476,078) (3,373,2015) (3,379,2015) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) (3,479,007) </td <td>Weather Normalization And Other Adjustments \$ 1.27,60,41 2.01 total: Base Revenue With Growth \$ 12,754,190 12,769,983 13,196,331 13,776,040 Weighted Average Rate Increase 0.0% 2.3% 3.5% 3.5% Additional Rate Revenue From Rate Increase \$ - 296,063 459,036 479,365 Price Elasticity Adjustment \$ 1,2754,190 12,080,0246 13,648,389 14,248,178 Price Elasticity Adjustment \$ 1,540,714 1,423,946 1,454,510 1,478,861 Equals: Other Operating Revenue \$ 1,540,714 1,423,946 1,454,510 1,478,861 Equals: Total Operating Revenue \$ 1,429,905 14,514,191 15,102,900 15,727,039 Less: Operating Expenses \$ 1,610,047 (1,755,817) (1,840,331) (1,928,989) Fixed O&M \$ (1,610,047) (1,755,817) (1,840,331) (1,928,989) Fixed O&M \$ (1,610,047) (1,755,817) (1,840,331) (1,928,989) Fixed O&M \$ (1,610,047) (1,755,817) (1,840,331) (1,928,989) Fixed O&M</td> <td> Subtotal: Base Revenue With Growth \$12,754,190 12,796,983 13,196,331 13,776,040 14,381, Weighted Average Rate Increase \$0.0% \$2.3% 3.5% </td> <td> Subtoral Base Revenue With Growth \$12,754,190 12,796,983 13,196,331 13,776,040 14,381,516 3,566</td> <td> Subtoral Base Revenue With Growth \$ 12,754,190 12,796,983 13,196,331 13,776,040 14,381,516 15,013,196 16,013,1013,1013,1013,1013,1013,1013,101</td> <td> Subtoral Subtoral</td> <td> Subtroils Base Revenue With Grant State</td> <td> Description</td> <td> Method</td>	Weather Normalization And Other Adjustments \$ 1.27,60,41 2.01 total: Base Revenue With Growth \$ 12,754,190 12,769,983 13,196,331 13,776,040 Weighted Average Rate Increase 0.0% 2.3% 3.5% 3.5% Additional Rate Revenue From Rate Increase \$ - 296,063 459,036 479,365 Price Elasticity Adjustment \$ 1,2754,190 12,080,0246 13,648,389 14,248,178 Price Elasticity Adjustment \$ 1,540,714 1,423,946 1,454,510 1,478,861 Equals: Other Operating Revenue \$ 1,540,714 1,423,946 1,454,510 1,478,861 Equals: Total Operating Revenue \$ 1,429,905 14,514,191 15,102,900 15,727,039 Less: Operating Expenses \$ 1,610,047 (1,755,817) (1,840,331) (1,928,989) Fixed O&M \$ (1,610,047) (1,755,817) (1,840,331) (1,928,989) Fixed O&M \$ (1,610,047) (1,755,817) (1,840,331) (1,928,989) Fixed O&M \$ (1,610,047) (1,755,817) (1,840,331) (1,928,989) Fixed O&M	Subtotal: Base Revenue With Growth \$12,754,190 12,796,983 13,196,331 13,776,040 14,381, Weighted Average Rate Increase \$0.0% \$2.3% 3.5%	Subtoral Base Revenue With Growth \$12,754,190 12,796,983 13,196,331 13,776,040 14,381,516 3,566	Subtoral Base Revenue With Growth \$ 12,754,190 12,796,983 13,196,331 13,776,040 14,381,516 15,013,196 16,013,1013,1013,1013,1013,1013,1013,101	Subtoral Subtoral	Subtroils Base Revenue With Grant State	Description	Method

1	CAPITAL FUNDING ACCOUNT	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
2	Balance At Beginning Of Fiscal Year	\$ -	\$ -	\$ -	\$ -	Ś -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Additional Annual Revenues	812,825	664,000	713,369	767,250	757,715	791,568	818,785	836,872	865,242	891,463	916,957
4	Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal	812,825	664,000	713,369	767,250	757,715	791,568	818,785	836,872	865,242	891,463	916,957
6	Less: Restricted Funds	-	-	-	-	-	-	-	-	-	-	-
7	Total Amount Available For Projects	812,825	664,000	713,369	767,250	757,715	791,568	818,785	836,872	865,242	891,463	916,957
8	Amount Paid For Projects	(812,825)	(664,000)	(713,369)	(767,250)	(757,715)	(791,568)	(818,785)	(836,872)	(865,242)	(891,463)	(916,957
9	Subtotal	-	-	-	-	-	-	-	-	-	-	-
10	Add Back: Restricted Funds	-	-	-	-	-	-	-	-	-	-	-
11	Plus: Interest Earnings	-	-	-	-	-	-	-	-	-	-	-
12	Less: Interest Allocated To Cash Flow	-	-	-	-	-	_	-	_	-	-	-
13	Balance At End Of Fiscal Year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	REVENUE FUND											
15	Additional Annual Revenues	\$ 6,411,329	\$ 7,082,536	\$ 7,936,400	\$ 8,784,303	\$ 9,633,709	\$10,551,300	\$11,524,842	\$12,569,716	\$13,638,445	\$14,718,299	\$ 15,808,373
16	Less: Cash-Funded Capital Projects	671,207	853,863	847,903	849,406	917,591	973,542	1,044,874	1,068,729	1,079,854	1,090,074	1,097,403
17	Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
18	Subtotal	-	-	-	-	-	_	-	_	-	-	
19	Less: Restricted Funds	7,082,536	7,936,400	8,784,303	9,633,709	10,551,300	11,524,842	12,569,716	13,638,445	14,718,299	15,808,373	16,905,776
20	Total Amount Available For Projects	(7,082,536)	(7,936,400)	(8,784,303)	(9,633,709)	(10,551,300)	(11,524,842)	(11,906,330)	(12,271,085)	(12,653,905)	(13,055,785)	(13,477,777
21	Amount Paid For Projects	-	-	-	-	-	-	663,385	1,367,360	2,064,393	2,752,588	3,427,999
22	Subtotal	-	-	-	-	-	-	-	-	-	-	-
23	Add Back: Restricted Funds	-	-	-	-	-	-	663,385	1,367,360	2,064,393	2,752,588	3,427,999
24	Plus: Interest Earnings	7,082,536	7,936,400	8,784,303	9,633,709	10,551,300	11,524,842	11,906,330	12,271,085	12,653,905	13,055,785	13,477,777
25	Less: Interest Allocated To Cash Flow	16,867	18,774	41,802	69,068	100,925	165,571	240,946	262,082	283,567	305,267	327,141
26	Balance At End Of Fiscal Year	\$ (16,867)	\$ (18,774)	\$ (41,802)	\$ (69,068)	\$ (100,925)	\$ (165,571)	\$ (240,946)	\$ (262,082)	\$ (283,567)	\$ (305,267)	\$ (327,141
27		\$ 7,082,536	\$ 7,936,400	\$ 8,784,303	\$ 9,633,709	\$10,551,300	\$11,524,842	\$12,569,716	\$13,638,445	\$14,718,299	\$15,808,373	\$ 16,905,776

APPENDIX B – RATE STRUCTURE MODIFICATIONS

Supporting Schedules

Water Rates

		Curre	ent (FY 15)		Proposed (FY 16)		
Non-Metered Rate	e Per EDU	\$	23.03	\$	16.16		
Metered Service C	harges	Curre	ent (FY 15)		Proposed (FY 16)		
Fixed Charge	Meter Size	Include	es 6,000 Gal.	Re	adiness-To-Serve Charge		
	5/8"	\$	18.42	\$	8.51		
	1"	\$	18.42	\$	21.28		
	1.5"	\$	25.08	\$	42.55		
	2"	\$	28.42	\$	68.08		
	3"	\$	38.42	Ś	136.16		
	4"	\$		\$	212.75		
	6"	\$	68.42	\$	425.50		
	8"	\$	88.42	\$	680.80		
	10"	\$	98.42		978.65		
		*		_	370.00		
Usage Charges (per	· 1,000 Gal.)	Curre	nt (FY 15)			Proposed (FY 16)	
Res. & Com.	Motor Size	Come	ution Donos		Tion 1	Tion 2	Tion 2
kes. & Com.	Meter Size		ption Ranges		<u>Tier 1</u>	<u>Tier 2</u>	<u>Tier 3</u>
	5/8" 1"		6,000 Gallons		0 - 5,000	5,001 - 20,000	20,000 +
	_		6,000 Gallons		0 - 12,500	12,501 - 50,000	50,000 +
	1.5" 2"		6,000 Gallons		0 - 25,000	25,001 - 100,000	100,000 +
	2 3"		6,000 Gallons		0 - 40,000	40,001 - 160,000	160,000 +
	3" 4"		6,000 Gallons		0 - 80,000	80,001 - 320,000	320,000 +
	•		6,000 Gallons		0 - 125,000	125,001 - 500,000	500,000 +
	6"		6,000 Gallons		0 - 250,000	250,001 - 1,000,000	1,000,000 +
	8"		6,000 Gallons		0 - 400,000	400,001 - 1,600,000	1,600,000 +
	10"	All Use >	6,000 Gallons		0 - 575,000	575,001 - 2,300,000	2,300,000 +
	Rate	9	\$3.14		\$1.53	\$3.06	\$6.12
Hydrant (All Use)	Rate	;	\$6.28		\$3.06		
Irrigation Meters	Meter Size	<u>Cons</u> um	ption Ranges		Tier 1	Tier 3	
-	5/8"	All Use >	6,000 Gallons		0 - 15,000	15,000 +	
	1"	All Use >	6,000 Gallons		0 - 37,500	37,500 +	
	1.5"	All Use >	6,000 Gallons		0 - 75,000	75,000 +	
	2"	All Use >	6,000 Gallons		0 - 120,000	120,000 +	
	3"	All Use >	6,000 Gallons		0 - 240,000	240,000 +	
	4"	All Use >	6,000 Gallons		0 - 375,000	375,000 +	
	6"	All Use >	6,000 Gallons		0 - 750,000	750,000 +	
	8"		6,000 Gallons		0 - 1,200,000	1,200,000 +	
	10"	All Use >	6,000 Gallons		0 - 1,725,000	1,725,000 +	
	Rate	;	\$3.14		\$3.06	\$6.12	

Sewer Rates

	Curr	ent (FY 15)	Proposed (FY 16)
Non-Metered Rate Per EDU	\$	35.83	\$ 36.30

Metered Service	Charges	Curr	ent (FY 15)		Proposed (FY 16)
Fixed Charge	Meter Size	Includ	es 5,400 Gal.	Re	adiness-To-Serve Charge
	5/8"	\$	30.56	\$	15.39
	1"	\$	30.56	\$	38.48
	1.5"	\$	30.56	\$	76.95
	2"	\$	30.56	\$	123.12
	3"	\$	30.56	\$	246.24
	4"	\$	30.56	\$	384.75
	6"	\$	30.56	\$	769.50
	8"	\$	30.56	\$	1,231.20
	10"	\$	30.56	\$	1,769.85
		Use Ab	ove 5,400 Gal.		All Metered Use
Usage Charge (per	1,000 Gal.)	\$	5.66	\$	4.18
		All N	letered Use		All Metered Use
Navy*		\$	2.89	\$	3.06

^{*}Dependent upon FY 2016 Budget; FY 2016 rate may vary from amount presented

Single Fam	ily 5/8" Me	eter Mon	thly	Water &	Se	wer Bill C	Calcu	ılations
Monthly Use (Gal)	Est. % of Bills	Agg. %	ΕV	<u>/ 14/15</u>	F'	/ 15/1 <u>6</u>		<u>\$ Chg</u>
0	1.4%	1.4%	\$	54.25	\$	23.90	\$	(30.35)
1,000	5.2%	6.6%	\$	54.25	\$	29.61	\$	(24.64)
2,000	10.5%	17.0%	\$	54.25	\$	35.32	\$	(18.93)
3,000	13.9%	30.9%	\$	54.25	\$	41.03	\$	(13.22)
4,000	15.6%	46.5%	\$	54.25	\$	46.74	\$	(7.51)
5,000	13.8%	60.3%	\$	54.25	\$	52.45	\$	(1.80)
6,000	12.4%	72.7%	\$	54.25	\$	59.69	\$	5.44
7,000	7.7%	80.3%	\$	57.32	\$	66.93	\$	9.61
8,000	5.3%	85.6%	\$	60.39	\$	74.17	\$	13.78
9,000	3.5%	89.2%	\$	63.46	\$	81.41	\$	17.95
10,000	2.5%	91.7%	\$	66.53	\$	88.65	\$	22.12
11,000	1.8%	93.4%	\$	69.60	\$	95.89	\$	26.29
12,000	1.2%	94.7%	\$	72.67	\$	103.13	\$	30.46
13,000	0.9%	95.6%	\$	75.74	\$	110.37	\$	34.63
14,000	0.7%	96.3%	\$	78.81	\$	117.61	\$	38.80
15,000	0.6%	97.0%	\$	81.88	\$	124.85	\$	42.97
16,000	0.5%	97.4%	\$	84.95	\$	132.09	\$	47.14
17,000	0.4%	97.8%	\$	88.02	\$	139.33	\$	51.31
18,000	0.3%	98.2%	\$	91.09	\$	146.57	\$	55.48
19,000	0.3%	98.5%	\$	94.16	\$	153.81	\$	59.65
20,000	0.3%	98.7%	\$	97.23	\$	161.05	\$	63.82
21,000	0.2%	98.9%	\$	100.30	\$	171.35	\$	71.05
22,000	0.2%	99.1%	\$	103.37	\$	181.65	\$	78.28
23,000	0.1%	99.2%	\$	106.44	\$	191.95	\$	85.51
24,000	0.1%	99.3%	\$	109.51	\$	202.25	\$	92.74
25,000	0.1%	99.4%	\$	112.58	\$	212.55	\$	99.97
26,000	0.1%	99.5%	\$	115.65	\$	222.85	\$	107.20
27,000	0.1%	99.6%	\$	118.72	\$	233.15	\$	114.43
28,000	0.0%	99.7%	\$	121.79	\$	243.45	\$	121.66
29,000	0.1%	99.8%	\$	124.86	\$	253.75	\$	128.89
30,000	0.1%	99.8%	\$	127.93	\$	264.05	\$	136.12

Select Non-Residential	Monthly Wa	ter & Sewe	er E	Bill Calcul	ati	ons	
User	Monthly Use (Gal)	Meter Size		Y 14/15		FY 15/16	\$ Chg
Texas Roadhouse Restaurant	30,000	5/8" & 2"	\$	153.04	Ś	310.36	\$ 157.32
Lenny's Restaurant	20,000	1"	\$	163.28	\$	185.43	\$ 22.15
McDonald's	30,000	1.5"	\$	251.58	\$	298.45	\$ 46.87
Great Mills High School	580,000	4"	\$	4,765.12	\$	4,850.25	\$ 85.13
Lundeberg MD Seamanship School	2,580,000	2" & 8"	\$2	21,143.11	\$	22,618.40	\$ 1,475.29
Extended Stay America	120,000	8"	\$	1,049.68	\$	2,597.20	\$ 1,547.52
Car Wash	60,000	5/8"	\$	489.84	\$	573.05	\$ 83.21
Executive Salons Suites	20,000	1"	\$	163.28	\$	185.43	\$ 22.15
5th Exploration Corporate Office	30,000	4"	\$	274.92	\$	768.80	\$ 493.88
Food Lion	30,000	6"	\$	294.92	\$	1,366.30	\$ 1,071.38
Target	110,000	8"	\$	968.04	\$	2,540.10	\$ 1,572.06
BH's Wholesale Club	80,000	2"	\$	663.12	\$	709.20	\$ 46.08
Bank Of America	10,000	5/8"	\$	81.64	\$	88.65	\$ 7.01

	Select Multi-Fam	ily Re	sidential Mo	nthly Water & Sewer Bil	II Ca	alculation	S			
User	Monthly Use (Gal)	FDII's	LISE Por EDIT	Meter Size		Y 14/15		Y 15/16		\$ Chg.
Green's at Hilton Run	992,050	333	2,979	5/8 & 1.5" (23) & 2" (12)		15,262.47		10,841.08	Ś	
Hickory Hills Townhouses	275,360	171	1,610	1.5" (13)		7,067.06			\$	(3,914.99)
Indian Bridge Apts	249,360	112	2,226	6" (2)		4,878.50			\$	(1,064.65)
Victory Woods	155,610	75	2,075	5/8" & 4"	\$	3,194.97	\$	2,103.05	\$	(1,091.92)
Lex Park Senior Apts	139,790	112	1,248	5/8" & 8"	\$	4,521.54	\$	2,734.10	\$	(1,787.44)

APPENDIX C – MISCELLANEOUS SERVICE CHARGES

Supporting Schedules

		BURION& ASSOCIATES MISCHIANEOUS SER	MCE CHARC	R DEMIOP	FR			
		St. Mary's Metropolitan Com						
Bá	asic Instructi	User input in areas shaded ligh		Full Cost Recovery Charge	Current Percent of Cost Recovery	Desired Percent of Cost Recovery	Proposed Charge	Percent Change
1	Go To ▶	Example Water Meter Installation Fee: Water Meter & Installation - Standard 5/8" X 3/4" Outdoor Radio Read - EXAMPLE	\$246.00	\$269.00	(calculated)	95%	\$256.00	4.07%
•	00.107	Connection and Service Fees:	<u> </u>	¥2000	5.70	55%	4	
2	Go To ▶	Water Meter-Standard 5/8" X 3/4" Outdoor Radio Read Water Meter	\$186.00	\$0.00		100%		
3	Go To ▶	Water Meter-Standard 5/8" X 3/4" Indoor Radio Read Water Meter	\$186.00	\$0.00		100%		
4	Go To ▶	Residential Tap Fee-Water (per tap)	\$250.00	\$0.00		100%		
5	Go To ▶	Residential Tap Fee-Sewer (per tap)	\$250.00	\$0.00		100%		
6	Go To ▶	Meter Installation Fee (fee to be included in the connection permit)	\$60.00	\$0.00		100%		
7	Go To ▶	Fire Hydrant Meters-Small Fire Hydrant Meter	\$320.00	\$0.00		100%		
8	Go To ▶	Fire Hydrant Meters-Large Fire Hydrant Meter	\$820.00	\$0.00		100%		
9	Go To ▶	Monthly Fire Hydrant Maintenance Fee (fee was never implemented)	\$20.00	\$0.00		100%		
10	Go To ▶	Service Re-Connection Water (Turn Off/On) - Paid prior to 3:00 pm	\$50.00	\$0.00		100%		
11	Go To ▶	Service Re-Connection Water (Turn Off/On) - Paid after 3:00 pm; Same day restoration	\$100.00	\$0.00		100%		
12	Go To ▶	Service Re-Connection Grinder Pump/Sewer - Paid prior to 3:00 pm	\$125.00	\$0.00		100%		
13	Go To ▶	Service Re-Connection Grinder Pump/Sewer - Paid after 3:00 pm; Same day restoration	\$225.00	\$0.00		100%		
14	Go To ▶	Additional Trip or Recall	\$25.00	\$0.00		100%		
15	Go To ▶	Non-Payment Administration Fee	\$25.00	\$0.00		100%		
16	Go To ▶			\$0.00		100%		
17	Go To ▶			\$0.00		100%		
18	Go To ▶			\$0.00		100%		
19	Go To ▶			\$0.00		100%		
20	Go To ▶			\$0.00		100%		

		DIDENIO ACCOMINEC MEGGETIANICA E CED	HCE CLADO		T)			
		BURION& ASSOCIATES MISCHIANEOUS SER	MCE CHARG	EDEMICE	K			
		St. Mary's Metropolitan Com	mission					
		User input in areas shaded ligh	nt green					
Ba	asic Instruction	ns ▶ Data Tables ▶		Full Cost	Current	Desired Percent of		
			Current	Recovery	Cost	Cost	Proposed	Percent
		Fee/Charge Title	Charge	Charge	Recovery	Recovery	Charge	Change
		Pemitting and Inspection Fees:						
31	Go To ▶	TEC Review/Concept Plan-No Public Water or Sewer	\$60.00	\$0.00		100%		
32	Go To ▶	TEC Review/Concept Plan-Public Water or Sewer	\$120.00	\$0.00		100%		
33	Go To ▶	Minor Subdivision(1-5 Lots)-Public Water and Sewer (Charge shown + \$250.00/Lot)	\$550.00	\$0.00		100%		
34	Go To ▶	Minor Subdivision(1-5 Lots)-Public Water or Sewer (Charge shown + \$200.00/Lot)	\$400.00	\$0.00		100%		
35	Go To ▶	Major Subdivision(1-5 Lots)-Public Water and Sewer (Charge shown + \$250.00/Lot)	\$1,500.00	\$0.00		100%		
36	Go To ▶	Major Subdivision(1-5 Lots)-Public Water or Sewer (Charge shown + \$200.00/Lot)	\$1,125.00	\$0.00		100%		
37	Go To ▶	Minor Site Plan-Public Water and Sewer (Charge shown + \$100.00/EDU)	\$125.00	\$0.00		100%		
38	Go To ▶	Minor Site Plan-Public Water or Sewer (Charge shown + \$75.00/EDU)	\$90.00	\$0.00		100%		
39	Go To ▶	Major Site Plan-Public Water and Sewer (Charge shown + \$100.00/EDU)	\$1,000.00	\$0.00		100%		
40	Go To ▶	Major Site Plan-Public Water or Sewer (Charge shown + \$75.00/EDU)	\$750.00	\$0.00		100%		
41	Go To ▶	Administrative Application Fee	\$100.00	\$0.00		100%		
42	Go To ▶	Water Tower/Well Site Plan	\$2,500.00	\$0.00		100%		
43	Go To ▶	Sewer Pump Station Plan	\$2,500.00	\$0.00		100%		
44	Go To ▶	Sketch Plan	\$70.00	\$0.00		100%		
45	Go To ▶	Water & Sewer Inspection for C/O	\$180.00	\$0.00		100%		
46	Go To ▶	Water or Sewer Inspection for C/O	\$120.00	\$0.00		100%		
47	Go To ▶	Grinder Pump Inspection for C/O	\$145.00	\$0.00		100%		
48	Go To ▶	Re-Inspection Fee/Visit (per trip/visit)	\$60.00	\$0.00		100%		
49	Go To ▶			\$0.00		100%		
50	Go To ▶			\$0.00		100%		

Fee/Charge Title								
Page		• • • • • • • • • • • • • • • • • • • •						
Administrative Fees Co To ► Request for Information/Copies of Drawings/Files (Includes 1 hr of research) \$30.00 \$0.00 \$100%	Basic Instructi	Fee/Charge Title	Current	Recovery	Percent of Cost	Percent of Cost	•	Percent Change
Go To Request for Information/Copies of Drawings/Files (Includes 1 hr of research) \$30.00 \$0.00 \$100%		Pemitting and Inspection Fees:						
Section Public Work Agreement-When Required \$650.00 \$0.00 \$100%		Administrative Fees						
So To Public Work Agreement-Agreement Amendment \$350.00 \$0.00 \$100%	51 Go To ▶	Request for Information/Copies of Drawings/Files (Includes 1 hr of research)	\$30.00	\$0.00		100%		
54 Go To ► Boundary Line Adjustment Plat-Review and Processing Fee \$100.00 \$0.00 \$0.00 \$100% \$0.00 \$0	52 Go To ▶	Public Work Agreement-When Required	\$650.00	\$0.00		100%		
55 Go To ► Record Plat-Review and Processing Fee - per lot (\$100.00 min. / \$1,000.00 max.) \$10.00 \$0.00 \$100% \$0.00 \$0.00 \$100% \$0.00 \$0.	53 Go To ▶	Public Work Agreement-Agreement Amendment	\$350.00	\$0.00		100%		
56 Go To ▶ Easement Agreements \$200.00 \$0.00 \$100% 57 Go To ▶ Water & Sewer Waiver Request-Non-Technical Review \$100.00 \$0.00 \$100% 58 Go To ▶ Water & Sewer Waiver Request-Technical \$225.00 \$0.00 \$100% 59 Go To ▶ 60 Go To ▶ Potential New Charges: 76 Go To ▶ Meter Testing Fee/Reread Fee (if meter is functionally correct) \$0.00 \$100% 77 Go To ▶ Return Check Fee \$5.00 \$10.00 \$100% 80 To ▶ Residential Water Tap Fee - Across/within Roadway (per tap) \$0.00 \$100% 80 Go To ▶ Residential Sewer Tap Fee - Across/within Roadway (per tap) \$0.00 \$1000 81 Go To ▶ \$0.00 \$10.00 \$1000 82 Go To ▶ \$0.00 \$10.00 \$1000 83 Go To ▶ \$0.00 \$10.00 \$1000 84 Go To ▶ \$0.00 \$1000 85 \$0.00 \$1000 86 Go To ▶ \$0.00 \$1000 87 \$0.00 \$1000 88 \$0.00 \$1000 89 \$0.00 \$1000 80 \$0.	54 Go To ▶	Boundary Line Adjustment Plat-Review and Processing Fee	\$100.00	\$0.00		100%		
So To Water & Sewer Waiver Request-Non-Technical Review \$100.00 \$0.00 \$0.00 \$100%	55 Go To ▶	Record Plat-Review and Processing Fee - per lot (\$100.00 min. / \$1,000.00 max.)	\$10.00	\$0.00		100%		
So To Water & Sewer Waiver Request-Technical \$225.00 \$0.00 100%	56 Go To ▶	Easement Agreements	\$200.00	\$0.00		100%		
So To So	57 Go To ▶	Water & Sewer Waiver Request-Non-Technical Review	\$100.00	\$0.00		100%		
Potential New Charges: 76 Go To ▶ Meter Testing Fee/Reread Fee (if meter is functionally correct) 77 Go To ▶ Return Check Fee 78 Go To ▶ Residential Water Tap Fee - Across/within Roadway (per tap) 79 Go To ▶ Residential Sewer Tap Fee - Across/within Roadway (per tap) 80 Go To ▶	58 Go To ▶	Water & Sewer Waiver Request-Technical	\$225.00	\$0.00		100%		
Potential New Charges: 76 Go To ▶ Meter Testing Fee/Reread Fee (if meter is functionally correct) \$0.00 \$10.00 \$	59 Go To ▶			\$0.00		100%		
Go To ► Meter Testing Fee/Reread Fee (if meter is functionally correct) \$0.00	60 Go To ▶			\$0.00		100%		
79 Go To ▶ Residential Sewer Tap Fee - Across/within Roadway (per tap) \$0.00		Meter Testing Fee/Reread Fee (if meter is functionally correct)	\$5.00			100%	\$10.00	
80 Go To ► \$0.00		Residential Water Tap Fee - Across/within Roadway (per tap)		\$0.00				
81 Go To ► \$0.00 82 Go To ► \$0.00 83 Go To ► \$0.00	78 Go To ▶	Residential Sewer Tap Fee - Across/within Roadway (per tap)		\$0.00				
82 Go To ▶ \$0.00 83 Go To ▶ \$0.00				\$0.00				
83 Go To ▶ \$0.00	79 Go To ▶			40.00				
	79 Go To ► 80 Go To ►			40.00				
84 Go To ▶ \$0.00	79 Go To ► 80 Go To ► 81 Go To ►							
	79 Go To ► 80 Go To ► 81 Go To ► 82 Go To ►			\$0.00				

	St. Ma	ırv's	Metrop	olitan Commission			
Return To Menu ▶				shaded light green —			
INDIRECT/O	VER HEAD COSTS			MATERIALS			
Average Indirect Labor %		3	5.00%	Description	Cost Unit		Cost
Over Head to be applied to Eq	uinment Rate (%)	_	5.00%	Meter, C.I. Box	ea	\$	
Over Head to be applied to Ve			5.00%	Meter - 5/8" x 3/4" Outdoor Radio Read	ea	-	150.00
Over Head to be applied to Ve			0.00%	Meter - 1"	ea	\$	75.00
5.5. Froducto so applica to Mic	sonai Onic Oddi (70)		0.0070	Meter - 1-1/2"	ea	-	150.00
STAEE	POSITIONS			Meter - 2"	ea	_	300.00
Title	Min Rate Max Rate	o A	n Rate	Meter - 2"	ea	Ψ	300.00
Customer Service Clerk	\$ 10.00 \$ 15.00			Meter - 4"	ea		
Meter Technician	\$ 12.00 \$ 17.00	_		Meter - 6"	ea		
Warehouse Supervisor	T		16.00	Saddle, Galvanized, 4" x 2"	ea	\$	50.00
Engineering Technician	\$ 17.00 \$ 23.00			Saddle, Galvanized, 4 x 2"	ea	\$	75.00
Inspector	\$ 15.00 \$ 21.00			Valve, Curb Stop, Brass, 1"	ea	\$	50.00
Util. Maintenance Spec.	\$ 14.00 \$ 20.00			Valve, Curb Stop, Brass, 1-1/2"	ea	\$	75.00
Vactor Operator	\$ 16.00 \$ 22.00			Valve, Curb Stop, Brass, 2"	ea	\$	100.00
Lab Technician I	\$ 12.00 \$ 16.00			Nipple, Brass, 1" x 3"	ea	\$	4.00
	7 12.00 7 10.00	Ť		Nipple, Brass, 2" x 4"	ea	\$	8.00
				Coupling, Mtr, Brass, 3/4"	ca	\$	3.00
				Coupling, Mtr, Brass, 1"	ea	\$	5.00
				Coupling, Mtr. Brass, 1-1/2"	ea	\$	10.00
				Coupling, Mtr, Brass, 2"	ea	\$	15.00
				Corporation, Brass, 1"	ea	\$	20.00
				Corporation, Brass, 1-1/2"	ea	\$	40.00
				Corporation, Brass, 2"	ea	\$	80.08
				Bushing, Brass, 1" x 3/4"	ea	\$	1.50
				Bushing, Brass, 2" x 1"	ea	\$	3.00
				Bushing, Brass, 2" x 1-1/2"	ea	\$	5.00
FOI	IIPMENT			Bushing, Brass, 2-1/2" x 2"	ea	\$	8.00
Description	Cost Unit		Rate	Poly Tubing, M.I.P., 1"	ea	\$	8.00
Rubber Tire Backhoe	per Hour	\$	20.00	Poly Tubing, M.I.P., 2"	ea	\$	25.00
Dump Truck	per Hour	\$	30.00	Tee, PVC Sewer, Two-Way Clean Out, 6"	ea	\$	50.00
Vac Truck	per Hour	\$	35.00	Coupling, Femco, Clay/PVC, 6"	ea	\$	5.00
		\$	-	PE Pipe, 1"	LF	\$	0.50
		\$	-	PE Pipe, 2"	LF	\$	1.50
	·			Asphalt Hotpatch, 25 ft ²	ea	\$	125.00
VI	HICLES				ea	\$	-
Description	Cost Unit: Mile		Rate		ea	\$	-
Utility Truck	per Mile	\$	1.00		ea	\$	-
Valve Truck	per Mile	\$	1.50		ea	\$	-
Half-Ton Pick-Up	per Mile	\$	0.75		ea	\$	-
Small Pick-Up/SUV	per Mile	\$	0.50		ea	\$	-
· · · · · · · · · · · · · · · · · · ·		\$	_		ea	\$	

	51. MA				OMMISSION			
Go To Menu ▶			tion of Speci out in areas sha					
Type of Fee:	Water Meter & Inst						Current Fee:	\$246.
A	В	1 c	D	E	F	G	Н	1
A	В		, b		Г	U	п	,
Labor Costs:	Task	Average Direct Labor Rate per Hour	Average Indirect Labor % 35.00%	Total Hourly Labor Rate	Time per Task per Occurrence (Minutes)	Number of Occurrences	Labor Costs per	Total Labor Costs
Customer Service Clerk	Prepare work order	\$12.50		\$16.88		1	\$4.22	\$4.
Varehouse Supervisor	Gather tools/materials	\$16.00		\$21.60		1	\$3.60	\$3.
Meter Technician	Water Meter & Installation - Standard 5/8" X 3/4" Outdoor Radio Read - EXAMPLE	\$14.50		\$ 19.58		1	\$19.58	\$19.
Itil. Maintenance Spec.	Water Meter & Installation - Standard 5/8" X 3/4" Outdoor Radio Read - EXAMPLE	\$17.00		\$22.95		1	\$22.95	\$22.
			\$0.00				\$0.00	\$0.
			\$0.00	\$0.00			\$0.00	\$0.
Total Labor Costs								\$50
Equipment/Computer Costs:		Average Equipment/	Over Head to be Applied to		Time per Task per		Equipment/Com	Total
		Computer	Rate (%)	Total Hourly	Occurrence	Number of	puter Costs per	Equipment/Co
Type of Computer/Equip.	Task	Usage Rate	5.00%	Rate	(Minutes)	Occurrences	Occurrence	puter Costs
		-	\$0.00 \$0.00	\$0.00 \$0.00			\$0.00 \$0.00	\$0 \$0
		-	\$0.00	\$0.00			\$0.00	\$0 \$0
			\$0.00				\$0.00	\$0.
Total Equipment/Com	puter Costs	<u> </u>						\$0.
Vehicle Costs:		Average Vehicle Usage Rate	Over Head to be Applied to Rate (%)	Total Vehicle Rate	Distance per Task	Number of	Vehicle Costs	Total Vehicle
Type of Vehicle	Task	(per Mile)	5.00%	(per Mile)	(Miles)	Occurrences	per Occurrence	Costs
Itility Truck	Water Meter & Installation - Standard 5/8" X 3/4" Outdoor Radio Read - EXAMPLE	\$1.00	\$0.05	\$1.05	, ,	1	\$15.75	\$15.
Small Pick-Up/SUV	Water Meter & Installation - Standard 5/8" X 3/4" Outdoor Radio Read - EXAMPLE	\$0.50		\$0.53		2	\$ 7.95	\$15.
			\$0.00	\$0.00			\$0.00	\$0.
			\$0.00	\$0.00			\$0.00	\$0.
Total Vehicle Costs								\$31
	I	_	Output Hands					
Materials Costs:		Average Cost per	Over Head to be Applied Average Cost per Unit	Total Cost per Unit	Average Number of Units per Occurrence	Number of	Materials Costs	Total Materia
Type of Material	Task	Unit	20.00%		(No. of Units)	Occurrences	per Occurrence	Costs
Meter - 5/8" x 3/4" Outdoor Radio Read	Water Meter & Installation - Standard 5/8" X 3/4" Outdoor Radio Read - EXAMPLE	\$150.00		\$180.00		1	\$180.00	\$180
			\$0.00	\$0.00		1	\$0.00	\$0.
		-	\$0.00 \$0.00	\$0.00 \$0.00		1	\$0.00 \$0.00	\$0. \$0.
			\$0.00	\$0.00		ı	\$0.00	\$0. \$180.
Total Materials Costs								