



Indian River County Department of Utility Services

# Utility Rate Study Final Report

August 20, 2024





August 20, 2024

Mr. Sean Lieske  
Director  
Department of Utility Services  
Indian River County, Florida  
1801 27<sup>th</sup> Street  
Vero Beach, Florida 32960

Re: Utility Rate Study – Final  
Report

Dear Mr. Lieske,

Stantec is pleased to provide you with this Report of the findings from the Utility Rate Study completed for the Indian River Department of Utility Services. We appreciate the fine assistance provided by you and other members of staff who participated in and contributed. Key findings and recommendations are provided in the attached report.

If you or others at the County have any questions, please do not hesitate to call me at (813) 204-3311 or email at [andrew.burnham@stantec.com](mailto:andrew.burnham@stantec.com). We appreciate the opportunity to be of service to the County, and we look forward to the possibility of doing so again soon.

Sincerely,

A handwritten signature in blue ink, appearing to read "A. J. Burnham".

Andrew J. Burnham  
Vice President & Financial Management Consulting Leader

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Enclosure

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# 1. EXECUTIVE SUMMARY

Stantec Consulting Services Inc. (Stantec) has conducted a Water, Sewer, and Reclaimed Water Rate Study (Rate Study or Study) for the water, sewer, and reclaimed water utility systems of the Indian River County (County) Department of Utility Services (IRCDUS or Utility). This report outlines the assumptions, detailed analysis, and results of the Rate Study, including final conclusions and recommendations.

## 1.1 BACKGROUND

Indian River County owns and operates a potable water system, managed by the Indian River County Department of Utility Services which provides water service to approximately 56,000 retail customers in unincorporated Indian River County with an average of 11.5 million gallons per day (MGD). The water system consists of groundwater supply wells<sup>1</sup>, two water treatment plants, potable water storage, and approximately 900 miles of distribution system.

The County owns and operates a collection system of over 500 miles of gravity sewers and force main sewers to collect and deliver wastewater for treatment from its approximately 34,000 retail service connections in unincorporated Indian River County. IRCDUS also provides bulk sewer treatment service to the City of Fellsmere (City). Wastewater collected throughout the sewer service area is conveyed to four active wastewater treatment facilities with a combined permitted treatment capacity of 12.02 MGD. IRCDUS disposes of a portion of treated effluent approximately 5.5 MGD gallons of effluent into its reclaimed water system which is distributed to various golf courses for irrigation purposes.

The County has established an enterprise fund for its water, sewer, and reclaimed water utility systems that account for the operating, capital, and other financial requirements. To ensure that the combined utility system is generating sufficient revenue to satisfy its ongoing financial requirements, the Board of County Commissioners (BOCC) has periodically conducted formal rate studies and reviews of its user rates.

IRCDUS' most recent water, sewer, and reclaimed water rate study was completed in 2018 which recommended several rate structure modifications and annual rate indexing based on the lower of the annual change in the Consumer Price Index for All Urban Consumers (CPI-U) or 3.0%. The BOCC adopted the recommended rate structure modifications effective in FY 2019 and IRCDUS has implemented various levels of annual rate indexing during from FY 2020 through FY 2024.

A proactive rate and financial planning approach allows IRCDUS to identify and address challenges that will influence its sustainability and financial performance over both immediate and longer-term horizons. Like the rest of the water resources industry, IRCDUS faces challenges including increasing operating and

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<sup>1</sup> IRCDUS' current consumptive use permit (CUP) is 12.838 MGD average daily flow. IRCDUS applied for a new CUP in April 2024 for 16.228 MGD average daily flow.



capital costs, the need for large-scale capital reinvestment, and compliance with water quality standards and other regulatory requirements. Specifically, IRCDUS has experienced inflated costs related to materials and contractors, which impacts the cost of the capital improvement program or plan (CIP), and approximately a 43% increase in chemicals and electricity costs from actuals in FY 2020 to FY 2023, which increases the costs to operate its water, sewer, and reclaimed water systems.

Periodic reviews and updates of IRCDUS' financial management plan and plan of annual rate adjustments are needed to account for changes in demands, regulatory requirements, and operating and capital budgets. As such, Stantec was retained to perform a comprehensive rate study including a financial management plan to identify the required water, sewer, and reclaimed water rate adjustments needed to meet IRCDUS' projected cost requirements, the results of the Study are documented herein.

## 1.2 OBJECTIVES<sup>2</sup>

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

**Revenue Sufficiency Analysis** – To evaluate the sufficiency of the water, sewer, and reclaimed water rates over a multi-year projection period and, to the extent necessary, develop a plan of annual rate adjustments that will provide sufficient revenues to satisfy the updated financial requirements of each fund, including 1) operations and maintenance costs (including renewal and rehabilitation and minor capital outlay), 2) capital improvement program, 3) Future debt service costs and corresponding net income to debt service coverage ratios, and 4) adequate reserves.

**Cost-of-Service Analysis** – To determine the proper allocation of required rate revenue adjustments, based upon the allocations of cost of service, between retail and bulk customer classes, and an evaluation of the level of cost recovery provided by current retail and bulk rates, and consideration of fixed and variable costs for each utility system.

**Rate Design Analysis** – Including 1) a review of the water, sewer, and reclaimed water structures for conformance to industry best practices, cost of service, and IRCDUS' policy and pricing objectives, 2) identification of any recommended adjustments to the retail and/or bulk rates for water, sewer, and reclaimed water services, 3) development of recommended rates for a multi-year period, and 4) calculation of the resulting impacts to customers' bills.

**Miscellaneous Fees** – Provide cost computation templates for IRCDUS' to determine and input its costs to provide various miscellaneous services (such as meter installations, new account fees or service initiations, service calls, meter testing, and others) to serve as the basis for adjustment to these types of charges.

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<sup>2</sup> Stantec performed an impact fee analysis in conjunction with the Study, the results of which are presented in a separate report but have been incorporated herein.



**Customer Deposits** – Calculation of updated up-front refundable customer deposits applied to new customer accounts at the time service is established commensurate with IRCDUS' financial risk.

**Rate and Bill Comparisons** – Compare the monthly water and sewer service to single-family residential customers of other neighboring communities at varying levels of water demand and the rate structure including fixed and variables charges.

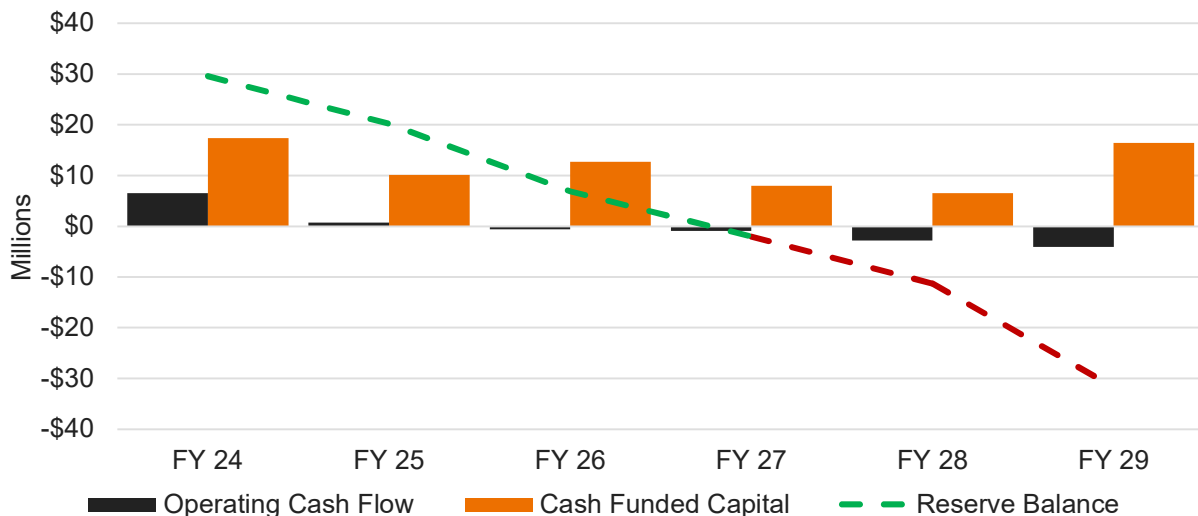
## 1.3 RESULTS

Based on the completion of the analyses described herein, Stantec has developed conclusions and recommendations for the County's water, sewer, and reclaimed water rates. The key findings and recommendations are outlined herein.

### 1.3.1 Revenue Sufficiency Analysis

This analysis evaluated the sufficiency of IRCDUS' revenues to meet its current and projected financial requirements over a 10-year projection period and determined the level of rate revenue increases necessary in each year of the projection period. Stantec thoroughly discussed the data and assumptions of the analysis with IRCDUS staff and reviewed alternative rate adjustment options. Through this process, Stantec identified that IRCDUS' existing rates do not generate sufficient revenues to meet the Utility's current and projected operating and capital cost requirements beginning in FY 2024 and that a structural cash flow deficit exists such that reserves may be depleted by FY 2027 as summarized in Figure 1.

**Figure 1 - Cash Flows at Existing Rates**



Therefore, Stantec developed a financial management plan which included rate adjustments necessary over the projection period and proposed rates in FY 2025 and FY 2026 as summarized in Table 1.



**Table 1 - Annual Rate Adjustments**

Description	FY 25	FY 26	FY 27 – FY 31	FY 32 – FY 34
	Proposed		Projected	
Effective Date	10/1/2024 <sup>3</sup>	10/1/2025	10/1 of each Fiscal Year	
Water	12.0%	12.0%	5.0%	10.0%
Sewer <sup>2</sup>	24.0%	12.0%	5.0%	10.0%

These rate adjustments result in the overall revenue increases needed to stabilize cash flows for FY 2025 and FY 2026 while generating revenues to meet IRCDUS' projected cost requirements through FY 2034. The cost-of-service analysis described herein identified that the water system is partially covering the costs of the sewer system which supports the higher sewer rate adjustment in FY 2025 relative to the water system to recover the overall cost requirements of the system.

This plan of rate adjustments was developed as part of the 10-year financial management plan for IRCDUS. However, Stantec recommends that the BCC adopt only the FY 2025 and FY 2026 rate adjustments shown in Table 1 during the FY 2025 Budget process because IRCDUS is initiating a master plan which will identify the overall capital needs of the utility systems and therefore result in the need for alternative rate indexing plans. Additionally, IRCDUS intends to perform annual updates to the revenue sufficiency analysis as part of proactive financial management that will allow the incorporation of updated revenue and expense information, changes in economic conditions, changes in the number of customer accounts and usage levels, regulatory requirements, and other factors that can materially affect the financial management plan. This will also ensure that the IRCDUS will be able to meet its financial and operating requirements in the future and minimize rate impacts to customers from future events occurring differently than currently projected.

The developed 10-year financial management plan and corresponding plan of annual water, sewer, and reclaimed water rate revenue adjustments are based upon the revenue and expense information, beginning fund balances, and assumptions as described in Section 2 of this report. Appendix A includes detailed schedules presenting all components of the financial management plan.

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<sup>3</sup> The Study and supporting schedules described herein assumes an implementation date of 10/1/24 for the FY 2025 rate adjustments. However, actual implementation may be 1/1/25 due to the County's planned stakeholder communication and engagement activities regarding utility rates.

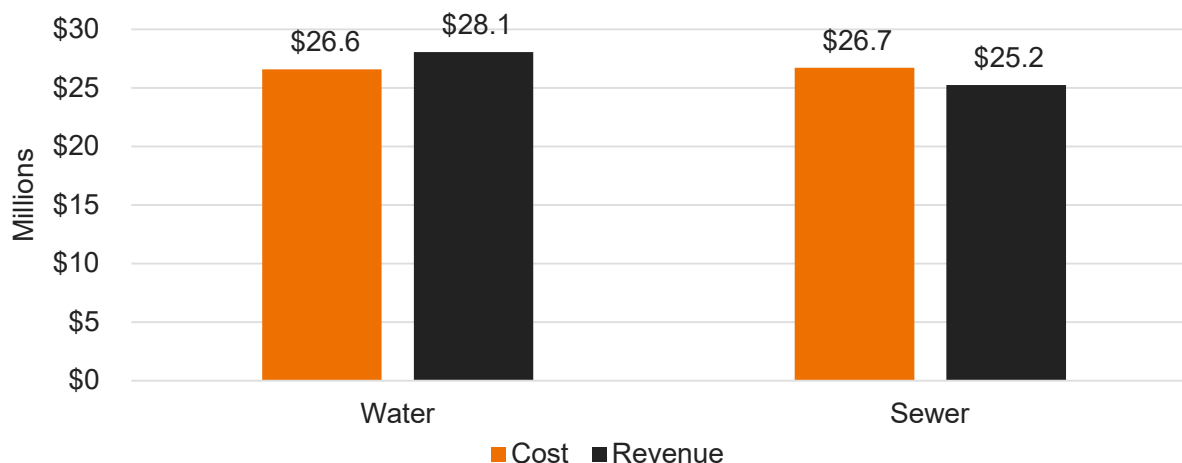




### 1.3.2 Cost of Service Analysis

Stantec performed a cost-of-service analysis that allocated IRCDUS' costs between its water and sewer<sup>4</sup> systems to determine the level of alignment between the revenues generated from each system and the costs that are incurred to provide each service. Figure 2 presents a summary of FY 2025 costs compared to revenues for the water and sewer systems.

**Figure 2 - Water Costs vs. Revenues**



Upon implementation of the higher sewer rate adjustments, the revenues and costs for each system are better aligned. Cost of service studies reflect the analysis of conditions during a test year, selected to provide a normalized set of circumstances, regarding key factors including operating and capital costs. Because cost of service studies reflects the influences of changing technologies, operating costs, regulatory requirements, system investment, and customer behavior, the results tend to change over time and as such, should be conducted periodically. As a result, this level of cost recovery across each system is within acceptable ranges based on Stantec's industry experience.

After costs were allocated between the water, sewer, and reclaimed water systems, costs were allocated to the functional components that make up the water and sewer systems to inform the calculation of rates for specific service including bulk water and sewer rates, private fire protection services, and septage and sludge rates. The proposed rates for these other user rates are summarized in Table 2 and should be implemented in FY 2025 and increased with the proposed rate indexing of 12.0% in FY 2026.

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<sup>4</sup> Reclaimed water for IRCDUS serves primarily as a means for effluent disposal and therefore its associated costs and revenues are included as sewer for purposes of this analysis.



**Table 2 – Other User Rates**

<b>Description</b>	<b>Current (FY 2024)</b>	<b>Proposed (FY 2025)</b>
Private Fire Protection <sup>5</sup> (per month)	\$17.23	\$36.57
Bulk Service		
Water: \$/kgal	N/A	\$4.14
Sewer:		
Billing Charge: \$/bill	\$1.47	\$1.82
Service Availability Charge: \$/ERU	\$15.24	\$14.62
Volumetric Charge: \$/kgal water meter basis	\$2.99	\$3.55
Volumetric Charge: \$/kgal sewer meter basis	\$3.39	\$4.02
Reclaimed Water:	\$0.24	\$0.30
Septage and Sludge (per wet ton)	\$17.05	\$26.06

### 1.3.3 Rate Design Analysis

Stantec reviewed IRCDUS' existing water, sewer, and reclaimed water monthly user rates and rate structure relative to 1) conformity with accepted national and local industry practices, 2) fiscal stability and recovery of fixed costs through base charges, 3) water conservation principles, 4) affordability for low volume and average users, and 5) low administrative burden and easily understood.

Consistent with IRCDUS' rate structure, customary practice within the water industry is a two-part rate structure comprised of both fixed and variable charges and recovery of a portion of the costs of the system in a fixed readiness-to-serve charge. This practice recognizes that utilities have substantial investments in capital related costs and other fixed costs that are incurred year-round to maintain a state of readiness to meet the peak demands of their customers when they occur. Additionally, IRCDUS' volumetric rate structure for potable water is made up of a four-tiered inclining block structure, in which the rate per block increases at each threshold recognizing conservation pricing. For wastewater volumes, a single tier rate is applied to residential metered water use while non-residential customers fall into an inclining two tier block structure.

Overall, IRCDUS' existing rates are consistent with other communities throughout Florida and the County's objectives. During the conduct of the Study, Stantec identified that the detailed customer billing records required to make structural changes to IRCDUS' rate structure were not available. Thereafter, IRCDUS began the process of extracting the necessary information to allow for future rate structure modifications as may be proposed in future rate studies. As such, Stantec doesn't recommend any structural modifications

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<sup>5</sup> IRCDUS provides services to approximately 250 private fire lines throughout the potable water system.



to IRCDUS' service availability and volumetric charges other than indicated adjustments in the level of the rates to recover the revenue requirements of the system identified in the RSA portion of the Study. Complete schedules of recommended water, sewer, and reclaimed water monthly user rates for FY 2025 and FY 2026 are included in Appendix C of this report. Table 3 provides the monthly bill impacts of the proposed rates for a residential customer with water and sewer service using 4,000<sup>6</sup> gallons per month.

**Table 3 - Residential Water and Sewer Monthly Bill Impacts: Proposed Rates**

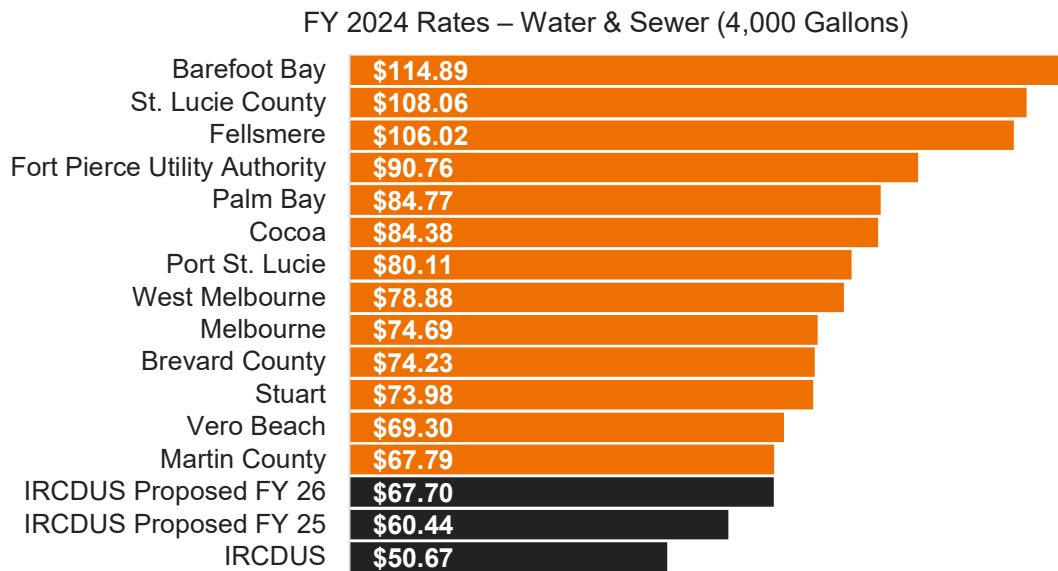
Description	FY 2025	FY 2026
Water and Sewer Monthly Bill: @4,000 gallons	\$60.44	\$67.70
\$ Change	\$9.77	\$7.26
% Change	19.3%	12.0%

Stantec also completed a local comparative residential monthly bill analysis based upon the current FY 2024 rates for a typical residential customer using 4,000 gallons of per month. As shown in Figure 3, IRCDUS' rates are the lowest of water and sewer service providers for a typical user in the area by more than \$17 per month. Additionally, even after the proposed rate adjustments in FY 2025 and FY 2026, IRCDUS' would continue to have the lowest typical residential bill, without even considering future rate adjustments occurring in the other communities over the next two fiscal years.

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<sup>6</sup> Reflects the typical monthly water demand for a single-family residential customer within IRCDUS' service area.



**Figure 3 – Residential Bill Comparison**

### 1.3.4 Miscellaneous Fees

IRCDUS currently applies miscellaneous fees for the provision of specific services to individual customers. Meter installations, new account initiations, service turn-on/off, and meter tests are examples of the types of services for which IRCDUS applies miscellaneous fees to recover the costs. The primary intent of miscellaneous charges is to ensure the recipient of the benefit of a specific service bears the costs associated with providing that service or to influence or promote positive customer behavior. While they represent an average of between 3.0% and 5.0% of overall annual revenue for IRCDUS, to the extent these charges are not recovering costs, the rest of the Utility's customers are subsidizing these activities caused by specific customers.

IRCDUS staff performed a detailed review of the processes and associated costs of performing each service behind the miscellaneous fees and identified two new miscellaneous services charges whereby IRCDUS does not presently charge a fee but incurs costs. Thereafter, Stantec developed the proposed miscellaneous fees considering the potential impacts to customers, comparison to local benchmarking, and IRCDUS' overall cost recovery objectives. Table 4 summarizes the current and proposed fees associated with some of the most used and the two new miscellaneous service fees. Appendix D presents a comparison of IRCDUS' current and proposed miscellaneous fees.

**Table 4 – Miscellaneous Fees**

Description	Annual Occurrences <sup>7</sup>	Existing (FY 2024)	Proposed (FY 2025)
New Account Fee	7,751	\$28.41	\$25.00

<sup>7</sup> Based on FY 2023 as provided by IRCDUS staff.



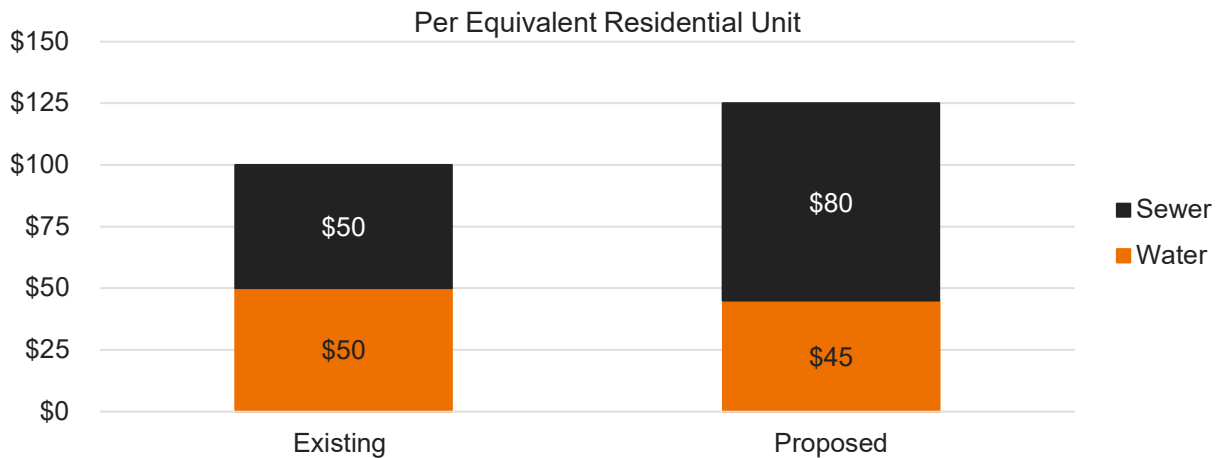
Service Call	4,716	\$85.23	\$90.00
Meter Installation 5/8" Meter	1,666	\$130.00	\$570.00
Service Connection	82	\$2,785.00	\$3,625.00
Fire Hydrant Flow Test	New	N/A	\$340.00
Force Main Pressure Test & Repair	New	N/A	\$340.00

### 1.3.5 Customer Deposits

Because IRCDUS provides service prior to the receipt of payment, it carries the risk that of nonpayment for services received for incurred costs. As such, most utilities require customers to pay a deposit prior to the start of service or waive them based on demonstration of prompt payment history. IRCDUS currently requires a deposit from customers at the time of account set up, which is remitted back to the customer after demonstrated payment history or applied to the final bill balance if the account is closed prior.

The proposed customer deposits reflect a typical customer's water and sewer bill under the proposed rates during the period between when service is provided and service would be disconnected for payment, or approximately 60 days and is provided in Table 5.

**Table 5 – Current and Proposed Customer Deposits**



Appendix E presents a comparison of the current and proposed FY 2025 customer deposits described herein.



## 2. REVENUE SUFFICIENCY ANALYSIS

This section of the report presents the financial management plan developed in the Revenue Sufficiency Analysis (RSA) that was conducted as part of the Study which determined the level of annual rate revenue (and corresponding rate adjustments) necessary to satisfy IRCDUS' financial requirements over a projection period of FY 2025 through FY 2034. The following sub-sections herein present a description of the approach, source data, assumptions, and results of each RSA, while Appendix A includes detailed supporting schedules for the financial management plan identified herein.

### 2.1 APPROACH

During the Study, Stantec reviewed alternative multi-year financial management plans and corresponding rate revenue adjustment plans through interactive work sessions with IRCDUS staff. During these work sessions, Stantec examined the impact of various inputs or assumptions upon key financial indicators by use of tabular and graphical output and extensive review of inputs, assumptions, and relationships between key variables. In this way, Stantec developed the recommended financial management plan and corresponding plan of annual water, sewer, and reclaimed water rate revenue adjustments presented in this report that will allow IRCDUS to fund its' cost requirements throughout the planning period and meet its financial performance goals and objectives.

Stantec obtained the Utility's historical and budgeted financial information regarding the operation of its water, sewer, and reclaimed water systems, as well as historical customer counts and volume data by class of customer. Stantec was also provided the Utility's multi-year CIP and current debt service covenants relative to net income coverage requirements and reserves. Stantec discussed with IRCDUS staff other assumptions and policies that would affect the financial performance of the Utility, such as trends in demands, planned developments/customer growth, debt coverage levels, levels of reserves, capital funding sources, earnings on invested funds, escalation rates for operating costs, and others.

This information was entered into a financial planning model which produced a ten-year projection of the adequacy of revenues provided by the existing rates of the Utility to meet its current and projected financial requirements. Thereafter, the level of rate revenue increases necessary in each year of the projection period to satisfy the system's annual financial requirements was determined.

The financial planning model utilizes all projected available unrestricted funds in each year of the projection period to pay for capital expenditures. The model is set up to reflect the rules of cash-funded expenditures (Pay-As-You-Go or PAYGO) and it produces a detailed summary of the funding sources to be used for each project in the CIP. To the extent that current revenues and unrestricted reserves are not adequate to fund all capital projects in any year of the projection period, the model identifies a borrowing requirement to fund those projects, or portions thereof that are determined to be eligible for borrowing. The financial plan is used to develop a borrowing program (if necessary) that includes the required borrowing amount by year and the estimated annual debt service requirements for each year in the projection period.



## 2.2 SOURCE DATA

The following sub-sections present the key source data relied upon in updating the RSA.

### 2.2.1 Beginning Fund Balances

The County's FY 2023 Annual Comprehensive Financial Report (ACFR) and supporting trial balance were used to establish IRCDUS' beginning FY 2024 (October 1, 2023) balances. Schedule 2 of Appendix A presents a summary of the beginning fund balances for each of IRCDUS' funds.

### 2.2.2 Revenues

IRCDUS' generates revenues primarily through monthly user rates from retail and bulk customers, impact fees, other miscellaneous fees, and interest on fund balances. Rate revenue projections were based upon actuals for FY 2023 and an evaluation of FY 2024 year-to-date revenue collected, adjusted annually to reflect assumed customer growth, changes in demand, and assumed rate revenue adjustments. Service availability (fixed charges) rate revenue for water, sewer, and reclaimed water service were projected based on growth in ERUs within the system, while volumetric rate revenue was projected based on associated growth of water demand and associated billed sewer volumes from new customer connections.

Impact fees are one-time charges paid by a new customer for their share of system capacity. Such fees are the mechanism by which growth can "pay its own way" and minimize the extent to which existing customers must bear the cost of facilities that will be used to serve new customers or customers requiring additional capacity. Projected impact fee revenues reflect the assumed growth in new customers and associated ERUs growth along with the recommended changes to IRCDUS' water and sewer impact fees as documented in the impact fee study performed by Stantec in parallel with this Study.

Projections of all other non-rate revenues were based upon IRCDUS estimates for FY 2024 and reflect the amounts within the preliminary FY 2025 Budget<sup>8</sup>, excluding interest income, which was calculated annually based upon projected average fund balances and assumed interest rates. The projection of revenues is provided on Schedule 3 of Appendix A.

### 2.2.3 Expenditures

IRCDUS' expenditures during the projection period consist of all operating and maintenance (O&M) expenses, minor capital outlays, debt service expenses, and cash funding of capital improvements.

#### *Operating Expenses*

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<sup>8</sup> Developed by IRCDUS staff to include proposed changes to miscellaneous services charges as described herein.



In FY 2024, all O&M expenses and minor capital outlays were based upon the FY 2024 Budget provided by IRCDUS. Beginning in FY 2025, O&M expenses were based upon IRCDUS' preliminary FY 2025 Budget<sup>9</sup>, adjusted each year by assumed cost escalation factors to reflect future inflation.

### ***Capital Improvement Plan***

One of the most important elements of a utility's financial plan is to ensure that there is continuous reinvestment in existing infrastructure to provide quality utility services and investment in new infrastructure to support new growth in the system. IRCDUS<sup>10</sup> provided the CIP in project level detail from FY 2024 through FY 2028. Stantec and IRCDUS staff discussed the expected annual capital spending, timing of the projects, and reviewed potential funding methods for each project. The RSA includes annual capital project spending beginning in FY 2029 related to future projects that have not yet been defined by IRCDUS in its CIP including dollars for future water and sewer capacity expansions beginning in FY 2032 as provided by IRCDUS may be modified and further delineated as appropriate in the future. It is important to note that IRCDUS is initiating a master plan that may identify capital needs in addition to those presented herein. As these projects and associated costs are defined, they should be considered in future rate studies. A detailed list of projects and costs by year can be seen on Schedule 6 of Appendix A while a summary of IRCDUS' CIP from FY 2024 through FY 2028 in current day dollars relied on for this Study is provided in Table 6.

**Table 6 – Capital Improvement Plan (2024 dollars)**

Description	FY 24	FY 25	FY 26	FY 27	FY 28	Total
Capital Improvement Plan	\$37.6M	\$33.9M	\$37.4M	\$19.0M	\$30.0M	<b>\$157.9M</b>

## **2.3 ASSUMPTIONS**

The following section presents the assumptions, policies, and parameters of the RSA:

### **2.3.1 Customer Growth & Demand Projections**

The RSA reflects annual retail customer growth projections of 1,250 water ERUs and 1,350 sewer ERUs. Based upon these new connections, the average annual growth rate in ERUs is 1.6% for the water system and 2.3% for the sewer system. This assumption recognizes that IRCDUS has completed various septic to sewer projects and will experience additional conversions. The RSA reflects growth in billed volume that is equal in each year to the projected growth in water and sewer customers.

<sup>9</sup> As of March 7, 2024.

<sup>10</sup> Provided to Stantec on November 28, 2023.





New connections and ERUs, water sales, and billed sewer volume projections were based upon a review of historical data, observance of local environmental and economic conditions, and discussions with IRCDUS. The projection of ERUs, water sales, and billed sewer volumes by fiscal year is provided on Schedule 1 of Appendix A.

### 2.3.2 Impact Fees

The RSA reflects impact fee revenues based on a four-year phasing in of a total 50.0% increase to the water impact fees beginning in FY 2025 at \$1,463 per ERU up to \$1,950 per ERU in FY 2029. Sewer impact fees are recommended to be reduced from \$2,796 to \$2,624 in FY 2025. Revenues from impact fees are directed to IRCDUS' Impact Fee Funds and are available for system expansion related capital projects or related debt service.

### 2.3.3 Interest Earnings on Invested Funds

The assumed annual interest earnings rate on IRCDUS' fund balances is 2.75% in FY 2024, 2.5% in FY 2025, 2.25% in FY 2026, and 2.0% each year thereafter.

### 2.3.4 Operating Expenses

O&M expenses for the Utility include personnel, contract services, repair and maintenance of the facilities, materials, supplies, electricity, chemicals, and others. This RSA utilized the FY 2024 Budget and the preliminary FY 2025 Budget for FY 2024 and FY 2025, respectively, and projects future expenses by applying various annual cost escalation factors based upon the type of expense. Through discussions with IRCDUS, various expenses were modified in future years where the preliminary FY 2025 Budget did not reflect longer-term expectations for future annual expenses.

#### *Cost Escalation*

Annual cost escalation factors for the various types of O&M expenses were developed based upon a review of historical trends, Stantec's industry experience, and detailed discussions with IRCDUS. The escalation factors range from an average of 3.0% for items such as repair and maintenance, to 8.0% for group health insurance costs. The specific escalation factors assumed for the various categories of expenses can be found in Schedule 5 of Appendix A.

#### *O&M Expense Execution*

Historically, IRCDUS has been able to realize savings by executing or spending less than its annual operations expense budget. Based upon a review of historical actuals to budget and discussions with IRCDUS regarding future expectations, this RSA assumes that personnel services actual expenses will be 90.0% of budgeted in FY 2024 increasing by 1.0% annually up to 95.0% by FY 2029 and remaining at that level for the remainder of the projection period. Variable O&M expenses are assumed to be executed at 92.0% throughout the projection period while other O&M expenses are assumed to be executed at 83.0%



in FY 2024 and increasing by 3.0% annually up to 95.0% by FY 2028 and holding at that level through the remainder of the projection period. Gradual increases in O&M expense execution reflect IRCDUS and Minor capital outlay including vehicles and minor capital equipment will be executed at 100.0% throughout the projection period. Schedule 4 of Appendix A summarizes the projected annual O&M expenses during the projection period considering these future cost inflation and execution assumptions.

### 2.3.5 Capital Improvement Plan

#### *Cost Escalation*

The RSA utilized the CIP provided by IRCDUS for FY 2024 through FY 2028 with assumptions for additional annual capital spending beginning in FY 2029. Beginning in FY 2025, the RSA herein assumes an annual cost inflation factor of 5.0% applied to project estimates to account for inflation in the future cost of construction. In total, the CIP used in this analysis (including inflation) from FY 2024 – FY 2034 is approximately \$661 million as summarized in Schedule 6 of Appendix A.

#### *Spending Execution*

Consistent with IRCDUS' historical annual spending and Stantec's experiences with other public utilities, it is assumed that even though funds for these projects may be identified and appropriated in subsequent budget years, actual expenditures and projects construction will be spread out over a longer time due to procurement or permitting delays, construction and contractor resource constraints, weather, economic, or other factors. As such, Stantec and IRCDUS evaluated the level of historical and anticipated annual capital spending relative to the projects included in the CIP and developed a plan of estimated annual capital spending and cash flows during the projection period. The total CIP (after execution) during the projection period is approximately \$590 million as summarized in Schedule 6 of Appendix A.

### 2.3.6 Capital Financing Plan

The RSA attempts to optimize the funding of the CIP by utilizing any available funding sources to cover IRCDUS' annual capital projects. As such, projects are funded either by existing reserves or annual revenues (PAYGO), existing reserves dedicated for capital such as impact fees or proceeds from future debt.

The financial management plan developed as part of the RSA assumes potential future debt beginning in FY 2032 totaling approximately \$206 million through FY 2034, primarily for the water and wastewater capacity expansions using the following parameters:

- Term: 30 Years
- Interest Rate: 5.0%
- Structure: Level annual debt service, assuming interest-only payment in year of issuance
- Costs of Issuance: 2.0% of Par



This RSA presents the annual borrowing needs assuming the identified level of capital spending for planning purposes, recognizing that the County would not issue senior-lien debt such as revenue bonds on an annual basis. Additionally, the Utility should evaluate the actual amount and timing of future additional debt as part of future rate analyses and financial planning activities to account for changes in the timing and/or amount of the CIP, the availability of other funding sources, and the level of reserves or operating revenues available for capital funding.

**Table 7 – Capital Financing Plan<sup>11</sup>**

<b>Description</b>	<b>CIP Funding FY 24 – FY 34</b>
Water Impact Fees	\$38.8M
Sewer Impact Fees	\$64.7M
Grants/External Funding	\$49.4M
Cash Funded (PAYGO)	\$235.4M
Future Debt <sup>12</sup>	\$201.9M
<b>Total</b>	<b>\$590.1M</b>

A summary of the assumed capital financing plan by fiscal year developed as part of the RSA is provided in Schedule 9 of Appendix A.

### 2.3.7 Debt Service & Coverage

#### *Outstanding Debt*

IRCDUS does not currently have any outstanding debt obligations.

#### *Future Debt*

As identified, the capital financing plan assumes that IRCDUS will need to issue future debt to partially fund the future water and wastewater capacity expansions between FY 2032 and FY 2034. Annual debt service payments on future debt ranges from approximately \$1.1 million in FY 2032 to approximately \$11.6 million in FY 2034. Schedule 4 of Appendix A summarizes the Utility's annual debt service on the assumed future debt obligations.

#### *Rate Covenant/Debt Service Coverage*

<sup>11</sup> Totals may not add due to rounding.

<sup>12</sup> For future water and sewer capacity projects beginning in FY 2032.



Although IRCDUS does not currently have outstanding debt, the County's Master Bond Resolution<sup>13</sup> established a covenant to maintain net revenues (gross revenues minus operating expenses) that are at least 1.20 times greater than the annual debt service expense (i.e. the annual principal and interest payments) for its outstanding bonds. To the extent the Utility issues future debt and is unable to meet these requirements, it could face the possibility of having its credit rating downgraded, which is dependent on ability to fund debt service requirements, among many other criteria. A credit downgrade would affect interest rates and terms of future financing activities. It is important to note that these covenants (often referred to as debt service coverage requirements) represent minimum requirements.

As a policy decision, utilities often measure revenue sufficiency and set rates based upon a higher debt service coverage level to ensure compliance with these types of covenants in the event future projections of revenue and expenses do not occur as predicted (i.e., due to extended drought conditions, unanticipated capital requirements or O&M cost increases, natural disasters, or other reasons).

As such, the financial management plan presented herein achieves a debt service coverage ratio more than IRCDUS' minimum 1.20 requirement throughout the projection period. Schedule 8 of Appendix A provides a summary of the projected annual debt service coverage over the projection period.

### 2.3.8 Minimum Reserve Balances

Reserve balances for utility systems are funds set aside for a specific cash flow requirement, financial need, project, or legal covenant. These balances are maintained 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 of the utility 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 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 because of natural disasters or unanticipated system failures.

IRCDUS' minimum reserve balance policies are established by County and include the following components:

- Unassigned Fund Balance: 20.0% of annual budget,

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<sup>13</sup> Resolution No. 93-80



- Budget Stabilization: 5.0% of the annual budget, and
- Emergency and Disaster Relief Reserves: 5.0% of the annual budget

This reserve policies equates to approximately seven months of IRCDUS' projected O&M expenses in FY 2024. During the Study, Stantec evaluated IRCDUS' reserve levels for consistency with industry guidance published by the American Water Works Association (AWWA)<sup>14</sup>, credit rating agencies (Fitch, Moody's, and S&P), and experience working with utility systems across the Country. As a result, the RSA includes a reserve target for purposes of this Study equal to nine months of O&M in each fiscal year. Having adequate reserves provides financial sustainability and rate stability, maintain adequate funding sources for future capital needs, and support the overall creditworthiness of IRCDUS as potential future debt may be necessary.

## 2.4 RESULTS

To evaluate the sufficiency of existing rates, fees, and charges to fund IRCDUS' revenue requirements over the planning period, a projection of revenue requirements and revenues at current rates was developed as described herein. Fundamentally, the objectives of the RSA were to determine if the current rates for FY 2024 are sufficient to fund IRCDUS' cost requirements beginning in FY 2025, and to identify the level of future rate increase requirements that would be necessary for the remainder of a ten-year projection period extending through FY 2034. The supporting financial schedules for the RSA are presented in Appendix A of this report.

### 2.4.1 Financial Management Plan

Based upon the data, assumptions, and policies provided and discussed herein, IRCDUS' current rates will not provide sufficient revenue to meet its ongoing debt service, capital, and operating cost requirements over a multi-year projection period. As such, Stantec developed a financial management plan and corresponding plan of water and sewer rate increases that will meet IRCDUS' current and projected cost requirements. The recommended five-year water and sewer rate adjustment plan is presented in Table 8.

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<sup>14</sup> American Water Works Association (2018). *Cash Reserve Policy Guidelines* [White Paper].



**Table 8 - Annual Rate Revenue Adjustments by Fiscal Year**

Description	FY 25	FY 26	FY 27 – FY 31	FY 32 – FY 34
	Proposed		Projected	
Effective Date	10/1/2024 <sup>15</sup>	10/1/2025	10/1 of each Fiscal Year	
Water	12.0%	12.0%	5.0%	10.0%
Sewer <sup>16</sup>	24.0%	12.0%	5.0%	10.0%

This rate indexing plan reflects the results of the cost-of-service component of the Study (described in Section 3 herein), including a higher increase for sewer rates to better align costs and revenues between the systems. Thereafter, it is assumed that rates may be indexed at equal percentages.

### 2.4.2 Historical Rate Adjustments

IRCDUS' historical level of rate adjustments has been lower than national trends and Stantec's local industry experience. Figure 4 provides the annual change in water and sewer bills for the typical residential customer since 1999 as measured by the United States Consumer Price Index Water and Sewerage Maintenance Series compared to the Utility's historical cost increases in water and sewer bills for a typical residential customer using 4,000 gallons per month. IRCDUS did not adjust rates from 1999 to 2018 and implemented a rate structure change in FY 2019 that reduced the monthly bills for the typical water and sewer customer. Since then, IRCDUS has implemented varying level of annual rate adjustments. Overall, IRCDUS monthly water and sewer bills for a typical residential customer has increased by approximately 12% since 1999 compared to the national industry trend which increased by approximately 210%<sup>17</sup> over the same period.

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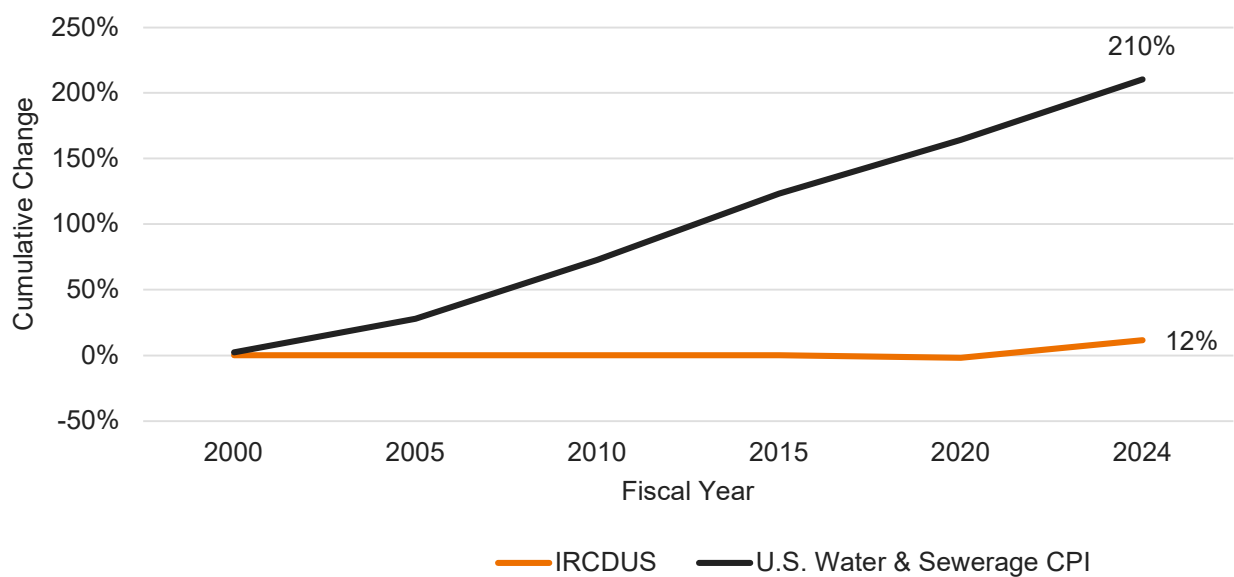
<sup>15</sup> The Study and supporting schedules described herein assumes an implementation date of 10/1/24 for the FY 2025 rates. However, actual implementation may be 1/1/25 due to the County's planned stakeholder communication and engagement activities regarding utility rates.

<sup>16</sup> Including reclaimed water.

<sup>17</sup> U.S. CPI Water and Sewerage Series based on the September reading (last month of the prior fiscal year) of the index for comparison purposes.



Figure 4 – Historical Water and Sewer Cost Comparison



## 3. COST OF SERVICE

As part of the Study, Stantec performed a cost-of-service analysis to evaluate IRCDUS' current cost recovery between utility systems, develop updated bulk service rates, determine cost-based fire protection charges, calculate costs associated with accepting and disposal of septage and sludge, and determine the current cost to provide reclaimed water service. The cost allocation analysis isolates the costs of the water and sewer systems and then determines the portion of those costs allocable to each respective system function. From there, Stantec identified the system functions and corresponding costs that would be utilized in the calculation of updated bulk user rates, fire protection charges, septage and sludge fees, and interruptible reclaimed water service to golf courses. The following sub-sections present the procedures and results the cost-of-service analysis while Appendix B presents the supporting schedules.

### 3.1 APPROACH

Stantec used the FY 2025 revenue requirements developed in revenue sufficiency analysis (described in Section 2) as the test year for the cost-of-service analysis. Each expenditure was allocated between the water and sewer systems. Certain costs and departments in IRCDUS' budget are directly assigned to a particular service(s) based on their function (i.e., costs directly accounted for within IRCDUS' Water Production Department are allocated directly to the water system, while other departments and associated costs like Customer Service need to be allocated to each respective utility service. Allocations of test year revenue requirements between systems are presented on Schedule 3 of Appendix B.

Each cost identified as a water system cost was then allocated between treatment, transmission, distribution, and customer functions. The sewer system cost requirements were allocated between customer, conveyance/collection, and treatment<sup>18</sup> functions. Where possible, costs were directly assigned to specific functions. For example, the Wastewater Collection Department was allocated to the conveyance/collection function. Where costs supported more than one function, Stantec identified proper allocation criteria to apportion the cost to the appropriate system functions. For example, Water Distribution costs were allocated between the transmission and distribution functions based on an inch-feet analysis of IRCDUS' identified transmission and distribution mains. The functional allocations by system are provided in Schedule 4 and Schedule 5 of Appendix B for the water and sewer systems, respectively.

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<sup>18</sup> Including disposal and reclaimed water.





## 3.2 RESULTS

### 3.2.1 Costs and Revenues by System

Revenue requirements for the water and sewer systems include total operating and capital expenditures, funding of reserve accounts, and cash funding of capital expenditures. IRCDUS' revenue requirements compared to revenues for FY 2025 by system are summarized in Table 9.

**Table 9 - FY 2025 Cost Allocation Summary<sup>19</sup>**

Description	Revenue	Costs	\$ Variance
Water	\$28.1M	\$26.6M	\$1.5M
Sewer	\$25.2M	\$26.7M	(\$1.5M)

The test year revenue requirements revealed a subsidy from the water system to the sewer system (i.e., water system revenues are over-recovering the cost of service and sewer revenues are under-collecting). As such, Stantec incorporated the results into the recommended rate adjustments in FY 2025 discussed in Section 2, with sewer rate increases set higher than water rate increases to better align costs and revenues by system.

Cost of service analyses reflect a specific point in time of “normalized” conditions which are subject to changes in costs and customer demands over time. Upon implementation of the proposed FY 2025 rates, the results of the cost-of-service analysis and revenue distribution as summarized in Table 9 is well within acceptable tolerances recognizing the changes in cost allocations that can occur from year to year.

### 3.2.2 Functionalized Costs

Table 10 and Table 11 summarize the allocation of system costs to each respective function for the water and sewer systems, respectively. Detailed allocations are shown in Schedule 4 and 5 of Appendix B.

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<sup>19</sup> The 24% proposed sewer rate adjustment identified herein for FY 2025 provides approximately \$4.5M in additional rate revenues compared to approximately \$2.7M from the proposed 12% rate adjustment for the water system and is incorporated in these results.



**Table 10 – Water System Functional Allocation of Costs** <sup>20</sup>

<b>System Function</b>	<b>FY 2025 Costs (\$ Millions)</b>
Treatment	\$13.3M
Transmission	\$1.7M
Distribution	\$8.4M
Customer	\$3.1M
<b>Total Water System</b>	<b>\$26.6M</b>

**Table 11 – Sewer System Functional Allocation of Costs**

<b>System Function</b>	<b>FY 2025 Costs (\$ Millions)</b>
Treatment	\$12.5M
Conveyance/Collection	\$12.5M
Customer	\$1.6M
<b>Total Sewer System</b>	<b>\$26.6M</b>

### 3.3 BULK USER RATES

IRCDUS has separate rates for customers that use bulk water and sewer services. Bulk sewer service is currently provided to the City of Fellsmere where bulk water service is available to be provided on an emergency basis. These connections to IRCDUS' system allow them to bypass portions of the IRCDUS' water and sewer systems. The cost-of-service analysis determined the portion of each system's costs that were attributable to bulk users. Bulk rates were then developed separately for the water and sewer systems by utilizing the unit costs for each attributable functional component.

#### 3.3.1 Bulk Water Rates

Treatment including water supply and transmission<sup>21</sup> related costs are allocable to all users, including bulk water customers. Costs allocated to the local distribution system are not allocable to bulk customers and are therefore excluded. The Utility's bulk water rates include only a volumetric rate per 1,000 gallons and therefore IRCDUS' unit costs for allocable costs to bulk customers were developed on that basis to reflect

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<sup>20</sup> Totals may not add due to rounding.

<sup>21</sup> IRCDUS provided an inventory of water mains and identified segments by length and diameter as either distribution or transmission. Stantec then performed an inch-foot analysis as the basis for the allocation of costs between transmission (17%) which is allocable to all customers including bulk users and distribution (83%) which is only allocable to retail customers as summarized in Schedule 2 of Appendix B.



the unit cost per 1,000 gallons for transmission and treatment related costs. Schedule 7 of Appendix B summarizes the FY 2025 water system costs by function, unit costs, and the calculated bulk water rate.

### 3.3.2 Bulk Sewer Rates

For the sewer system it was determined that treatment including effluent disposal and reclaimed water, and only the portion of the conveyance and collection system costs that are determined to serve all customers are included in the bulk sewer rate calculation. Local collection system gravity sewers and force mains are not used by bulk customers and are therefore excluded from the bulk rate calculation. This methodology recognizes that local collection gravity sewers and force mains are generally not utilized in providing sewer service to bulk customers. Therefore, the portion of conveyance and collection costs allocable to bulk users were determined by an inch-feet analysis<sup>22</sup> of the sewer system's gravity sewers and force mains in service which determined that approximately 33% were deemed to provide service to all customers both bulk and retail while approximately 67% are allocable only to retail customers. As such, this portion of conveyance/collection costs are not included in the calculation of bulk sewer rates.

The Utility's bulk sewer rate structure includes a billing charge applied per bill, a service availability charge applied per ERU, and a volumetric rate per 1,000 gallons. The calculated FY 2025 billing charge for bulk customers reflect the overall sewer system rate increase of 24.0%. Allocable conveyance and treatment costs to bulk customers reflect approximately 67% of overall non-customer related costs for the sewer system. As such, the service availability and volumetric rates are stated in terms of a percentage of the proposed FY 2025 retail rates for these components of the bulk sewer rates. Schedule 8 of Appendix B summarizes the FY 2025 sewer system costs by function, unit costs, and the calculated bulk sewer rates.

### 3.3.3 Proposed FY 2025 Bulk Rates

Table 12 summarizes the proposed FY 2025 bulk water and sewer rates with the existing FY 2024 bulk water and sewer rates.

**Table 12 – Bulk User Rates: Existing and Proposed**

Description	Existing (FY 2024)	Proposed (FY 2025)
Water: \$/kgal)	N/A	\$4.14
Sewer:		
Billing Charge: \$/bill	\$1.47	\$1.82
Service Availability Charge: \$/ERU	\$15.24	\$14.62
Volumetric Charge: \$/kgal	\$3.39	\$4.02

<sup>22</sup> IRCBUS provided an inventory of gravity sewer and force mains and identified segments by length and diameter as allocable to all customers or only retail.



### 3.4 RECLAIMED WATER RATES

IRCDUS' current reclaimed water customers are golf courses who receive water at little or no pressure and use their own on-site pumping and storage facilities to store, pump, and distribute the reclaimed water. Through discussions with IRCDUS staff and Stantec's experience with other sewer systems, 10.0% of Wastewater Treatment, General & Engineering, and Wastewater Collection O&M costs and capital costs were allocated to reclaimed water. Schedule 10 of Appendix B summarizes IRCDUS' allocated reclaimed water costs for FY 2025.

IRCDUS operates its reclaimed water system primarily as a means for effluent disposal rather than a substitute for potable water irrigation throughout its service area. Therefore, it is appropriate for reclaimed water costs to be recovered through sewer rates. As such, Stantec recommends that IRCDUS apply the proposed sewer rate adjustment to existing reclaimed water rates.

**Table 13 – Reclaimed Water User Rates: Existing and Proposed**

Description	Existing (FY 2024)	Proposed (FY 2025)
Volumetric Charge: \$/kgal	\$0.24	\$0.30

### 3.5 SEPTAGE AND SLUDGE RATES

IRCDUS charges a septage and sludge rate for deliveries of septage, grease, and recreational vehicle (RV) waste to its treatment facilities. These waste streams have increased solids and organic matter as compared to domestic wastewater that is treated by IRCDUS which requires additional costs to be incurred. As such, it is appropriate to establish a cost-based rate for IRCDUS to apply to such waste received for treatment.

The cost basis consists of IRCDUS' O&M expenses at the bio solids facility, sludge removal expenses from its WWTFs, an allocation of indirect O&M expenses and capital costs proportionate to the direct O&M expenses. Total costs were divided by average wet tonnage of overall septage, and sludge received by IRCDUS to develop the unit cost. Schedule 11 of Appendix B summarizes IRCDUS' costs associated with the management of septage and sludge and unit cost calculation.

**Table 14 – Septage and Sludge Rates: Existing and Proposed**

Description	Existing (FY 2024)	Proposed (FY 2025)
Septage and Sludge (per wet ton)	\$17.05	\$26.06

### 3.6 FIRE PROTECTION RATES

IRCDUS incurs costs to provide fire protection services throughout its water distribution system to ensure the availability and appropriate pressure of water to address firefighting needs. Fire protection (both public



and private) services differ from the other water services provided by IRCDUS in that these services are provided on a standby basis and are not extensively used but must be available.

Utilities provide public fire protection via a network of fire hydrants often located within rights-of-way for the benefit of the system. Customers with private fire protection services are usually commercial or large residential customers with dedicated lines for additional fire protection beyond what a water system provides in overall system public fire protection. For cost recovery purposes, IRCDUS has historically recognized that costs associated with the provision of public fire protection are shared amongst all the system's customers through their user rates and charges and assesses a charge for its approximately 250 customers with private fire lines with standby service.

One of the methodologies outlined in the AWWA *Manual of Water Supply Practices M1, Principles of Water Rates, Fees, and Charges, seventh edition*, which utilities may use to determine the total costs is use of the Maine Public Utilities Commission fire protection curve which is based on population and peak hour water demands<sup>23</sup>. As such, Stantec reviewed the Utility's water system cost of service, peak hour demands, and population served to identify the portion of system costs associated with providing public and private fire protection.

After identifying the total fire protection costs, Stantec identified the Utility's units of service (i.e., number of public and private fire hydrants and private fire lines) and the unit costs associated with providing private fire protection which are summarized in Schedule 9 of Appendix B. Table 15 summarizes the proposed rates for IRCDUS' private fire line customers.

**Table 15 – Fire Protection Rates: Existing and Proposed**

Description	Current (FY 2024)	Proposed (FY 2025)
Private Fire Protection <sup>24</sup> (per month)	\$17.23	\$36.57

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<sup>23</sup> This approach was relied upon as IRCDUS does not have a recent base extra capacity or commodity demand cost allocation study.

<sup>24</sup> IRCDUS provides fire protection services to approximately 250 private fire lines throughout the potable water system.



## 4. RATE DESIGN

The next component of the Study was to evaluate IRCDUS' existing retail rates and rate structure and to provide recommended rates. The following sub-sections present Stantec's review of the IRCDUS' existing rates, supporting rate schedules for the recommended rates, and resulting customer bill impacts. The recommended rates presented herein is intended for implementation on October 1, 2024 (FY 2025), for services provided during the preceding month. Complete rate schedules for retail customers are provided in Appendix C.

### 4.1 RATE STRUCTURE REVIEW

Stantec reviewed IRCDUS' existing water and sewer retail rate structures in the context of several aspects, including:

- Fair recovery of cost of service and revenue requirements from each system
- Conformance to accepted national and local industry practices
- Fiscal stability and recovery of fixed costs through base charges
- Resource conservation and consideration of the impact of current and future water quality and environmental regulations
- Affordability to low and average volume users
- Administrative burden and ease of customer understanding

Customary practice is a two-part rate structure comprised of both fixed and variable charges. Generally accepted practice in the water industry includes recovery of a portion of the costs of the system in a fixed readiness-to-serve charge. This practice recognizes that utilities have substantial investments in capital related costs and other fixed costs that are incurred year-round to maintain a state of readiness to meet demands of their customers when they occur.

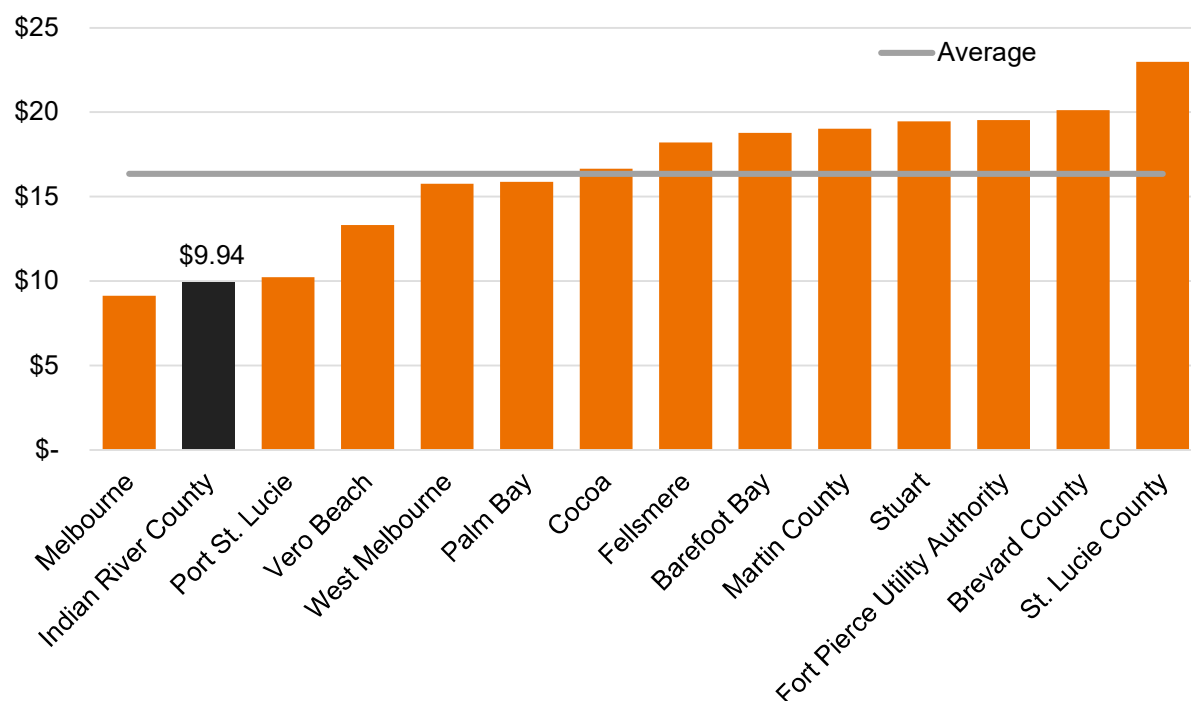
#### 4.1.1 Fixed Charges

IRCDUS presently has fixed charges for water and sewer service regardless of whether there is any measured water use, which is a service availability charge per account for all retail customers that is scaled by the number of ERUs associated with each connection. A review of local utility fixed or service availability charges indicates use of ERUs or meter size as the basis for scaling fixed charges. This recognizes that customers with more capacity and therefore potential demands place a higher cost burden on a utility which is consistent with IRCDUS' current rate structure.



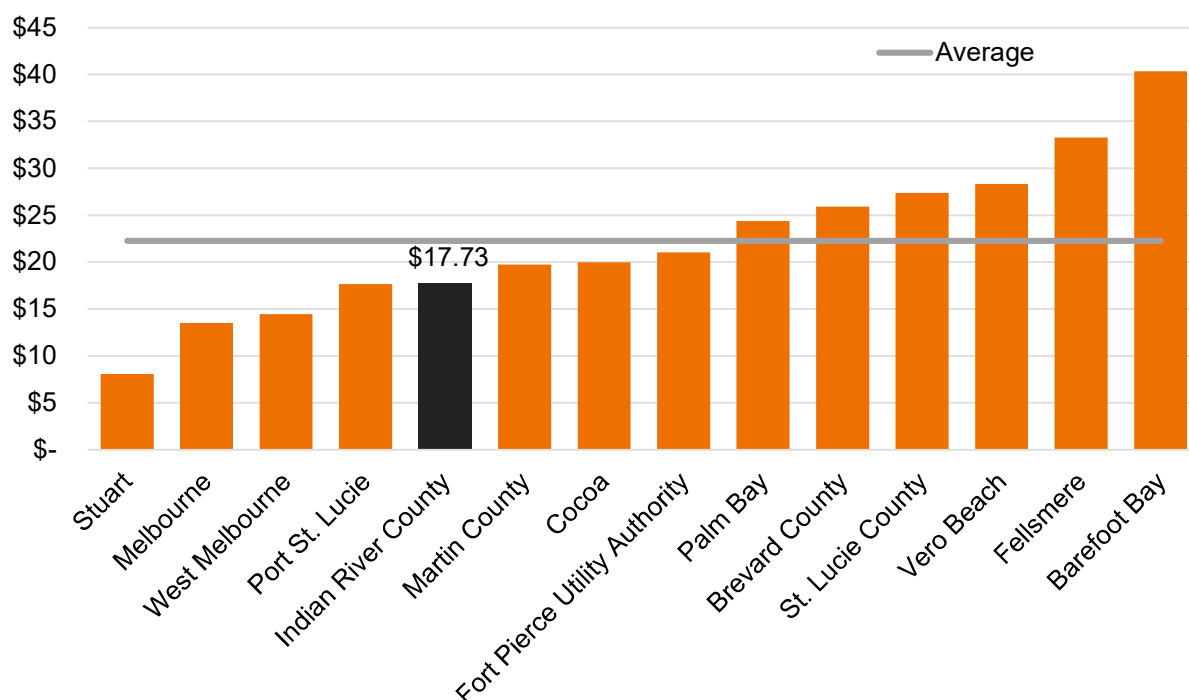
A review of fixed charges for one ERU or equivalent to a five-eighths inch or three-quarter inch meter of local water and sewer utilities is provided in Figure 5 and Figure 6 and demonstrates that IRCDUS' existing service availability charges are among the lowest in the comparison.

**Figure 5 – Water Fixed Charge Comparison (One ERU or a 5/8" or 3/4" Meter Equivalent) <sup>25</sup>**



<sup>25</sup> Rates as of March 25, 2024.



**Figure 6 – Sewer Fixed Charge Comparison (One ERU or a 5/8” or 3/4” Meter Equivalent) <sup>26</sup>**

Utility systems often establish fixed charges at desired levels to support revenue stability in times of economic instability and/or volatility in billed demands. Credit rating agencies have historically utilized a revenue defensibility component in rating criteria with revenues from fixed charges exceeding 30.0% considered in the “stronger” category. IRCDUS’ currently collects approximately 36% of water rate revenues and approximately 59% of sewer rate revenues through fixed charges which provides overall strong revenue stability.

#### 4.1.2 Volumetric Rates

Volumetric water and sewer charges are based upon metered water use, and for potable water, inclining block rate structures are common in regions where water conservation is essential, including throughout the State of Florida. Inclining block rate structures are intended to provide price incentives to reduce discretionary water use, notably outdoor irrigation. IRCDUS currently applies a four-tier inclining block water rate structure to all its customers. For example, the tier one demand threshold under IRCDUS’ existing rates for a customer with one ERU is 4,000-gallons while the tier one threshold for a customer with two ERUs is 8,000-gallons and so on. Figure 7 summarizes the water volumetric rate structure for residential customers including tiers and pricing for other water systems in the region. As can be seen, use of inclining-

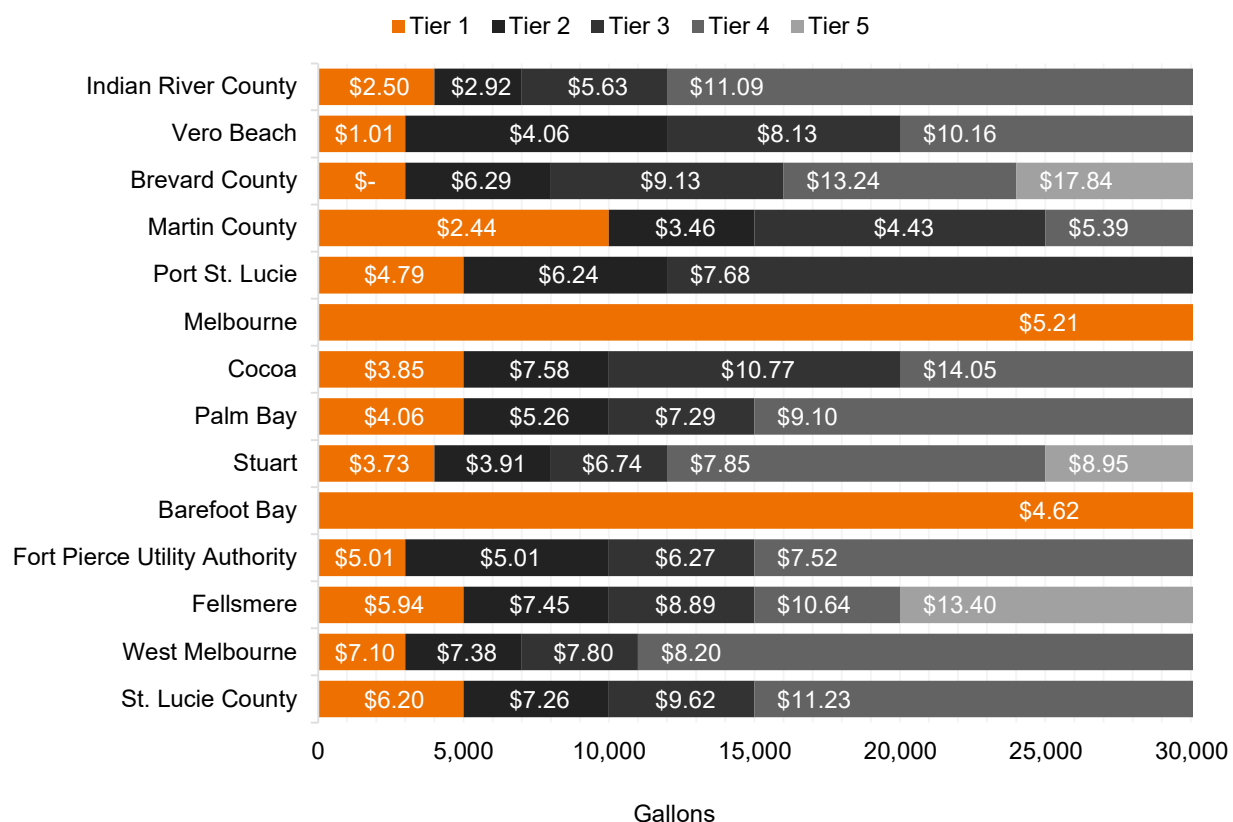
<sup>26</sup> Rates as of March 25, 2024.





block potable water rate structures in the regional is the prevalent structure and IRCDUS' current tier sizing is comparable.

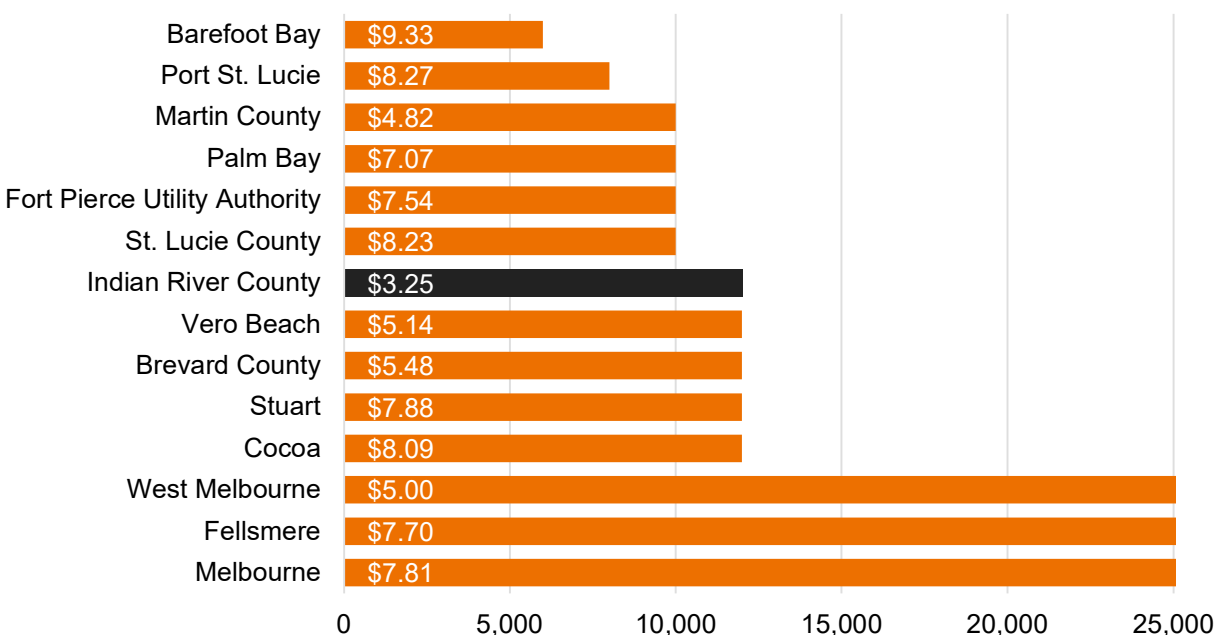
**Figure 7 – Water Tier Size and Rate Comparison <sup>27</sup>**



IRCDUS currently applies a uniform volumetric rate to all residential retail sewer customers based upon metered water use, capped at 12,000 gallons per month, recognizing that water use above that threshold is typically related to outdoor usage that never enters the sewer collection system. This structure is consistent with the industry and nearby communities in Florida as demonstrated in Figure 8. If there is no meter service available, then IRCDUS charges using an imputed volume charge of 3,000 gallons for mobile/manufactured homes, 7,000 gallons for residences less than 3,500 square feet, and 12,000 for residences more than 3,500 square feet.

<sup>27</sup> Rates as of March 25, 2024



**Figure 8 – Sewer Residential Billed Volume Cap and Rate per kgal Comparison <sup>28</sup>**

For non-residential customers, IRCDUS applies a two-tiered inclining block rate structure with a higher volumetric rate for billed sewer volume above 12,000 gallons.

## 4.2 RESULTS

Overall, IRCDUS' existing rates are consistent with other communities throughout Florida and the County's objectives. During the conduct of the Study, Stantec identified that the detailed customer billing records required to make structural changes to IRCDUS' rate structure were not available. IRCDUS began the process of extracting the necessary information to allow for future rate structure modifications as may be proposed in future rate studies. As such, Stantec doesn't recommend any structural modifications to IRCDUS' service availability and volumetric charges, other than indicated adjustments in the level of the rates to recover the revenue requirements of the system identified in the RSA portion of the Study. Specifically, Stantec recommends that IRCDUS adopt the proposed plan of annual rate indexing adjustments presented herein in of 12.0% for water rates in FY 2025 and FY 2026 and 24.0% and 12.0% for sewer rates in FY 2025 and FY 2026, respectively. The resulting service availability and volumetric rates are summarized in Table 16 and Table 17.

<sup>28</sup> Rates as of March 25, 2024. West Melbourne, Fellsmere, and Melbourne do not have a residential sewer cap rate structure.



**Table 16 – Proposed Monthly Service Availability Charges per ERU**

<b>System</b>	<b>Existing FY 2024</b>	<b>Proposed FY 2025</b>	<b>Proposed FY 2026</b>
Water	\$9.94	\$11.13	\$12.47
Sewer	\$17.73	\$21.99	\$24.63

**Table 17 – Proposed Volumetric Rates per kgal**

<b>System</b>	<b>Existing FY 2024</b>	<b>Proposed FY 2025</b>	<b>Proposed FY 2026</b>
Water			
Tier 1: 0 – 4 kgals per ERU	\$2.50	\$2.80	\$3.14
Tier 2: 4 – 7 kgals per ERU	\$2.92	\$3.27	\$3.66
Tier 3: 7 – 12 kgals per ERU	\$5.63	\$6.31	\$7.07
Tier 4: Above 12 kgals per ERU	\$11.09	\$12.42	\$13.91
Sewer			
Residential: 0 – 12 kgals	\$3.25	\$4.03	\$4.51
Residential: Above 12 kgals	\$0.00	\$0.00	\$0.00
Non-Residential: 0 – 12 kgals	\$3.25	\$4.03	\$4.51
Non-Residential: Above 12 kgals	\$4.87	\$6.04	\$6.67

Complete schedules of recommended water and sewer monthly user rates for FY 2025 and FY 2026 are included in Appendix C of this report.

### 4.3 CUSTOMER BILL IMPACTS

Table 18 provides the resulting monthly bill impacts during the two-year period of proposed rates for a residential customer with water and sewer service using 4,000 gallons per month, which represents a “typical” use for a residential customer.



**Table 18 – “Typical” Residential Customer<sup>29</sup> Water and Sewer Monthly Bill Impacts**

Description	FY 2024 Existing	FY 2025 Proposed	FY 2026 Proposed
Water Bill	\$19.94	\$22.33	\$25.03
Sewer Bill	\$30.73	\$38.11	\$42.67
<b>Total Bill</b>	<b>\$50.67</b>	<b>\$60.44</b>	<b>\$67.70</b>
\$ Change		\$9.77	\$7.26
% Change		19.3%	12.0%

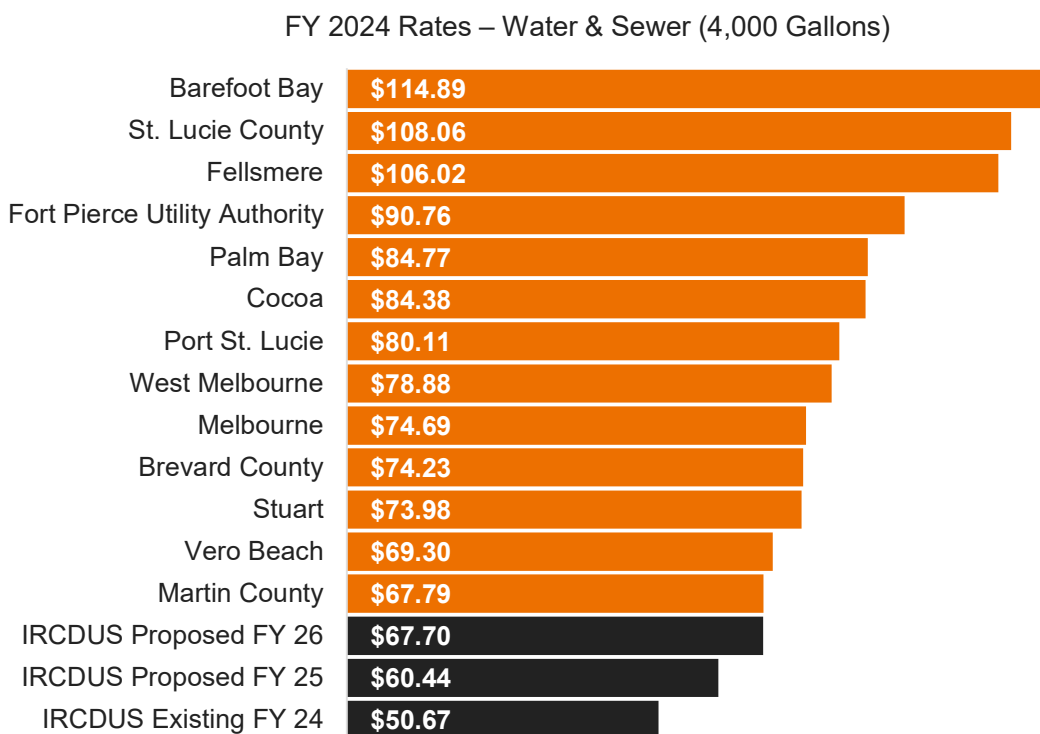
## 4.4 LOCAL BILL COMPARISON

Stantec also performed comparative surveys of residential water and sewer rates and resulting bills to provide perspective on how the existing and calculated water and sewer bills for IRCDUS compare with neighboring communities. These comparisons demonstrate that IRCDUS' proposed rates and resulting bills for the typical residential customer are favorable to the monthly cost of other local agencies. Furthermore, they are expected to remain comparable in the foreseeable future to other communities given the recommended rate indexing plan identified herein and already adopted or planned multi-year plans of rate adjustments from other agencies. The combined water and sewer bill for 4,000 gallons for FY 2024 and recommended rates for IRCDUS in FY 2025 and FY 2026 are provided in Figure 9.

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<sup>29</sup> Based on one ERU or equivalent customer with a 5/8" or 3/4" meter and 4,000 gallons of water demand per month.



**Figure 9 - Residential Water and Sewer Bill Comparison<sup>30</sup>**


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<sup>30</sup> Rates as of March 25, 2024.



## 5. MISCELLANEOUS FEES

This section of the report presents the analysis of miscellaneous fees that was conducted as part of this Study.

### 5.1 DESCRIPTION

IRCDUS currently applies miscellaneous fees for the provision of specific services to individual customers. Meter installations, new account initiations, service turn-on/off, and meter tests are examples of the types of services for which IRCDUS applies miscellaneous fees to recover the costs. The intent of miscellaneous fees is to ensure the recipient of the benefit of a specific service bears the costs associated with providing that service or to influence or promote positive customer behavior. Revenues from these fees and charges represent an average of between 3.0% and 5.0% of overall annual revenue for IRCDUS, to the extent these charges are not recovering costs, the rest of the Utility's customers are subsidizing these activities caused by specific customers.

The cost of service for miscellaneous fees are calculated by determining the costs, including both the time and materials, necessary to provide the service. Identification of the type of personnel involved in providing each service (i.e., meter reader, utility maintenance specialist, field inspector, customer service analyst, engineering technician, and others), the materials (i.e., water meter and box, couplings, valves, and others) and vehicles and equipment used is the first step in developing appropriate fees. The personnel cost, including benefits are then added to the costs of materials, vehicles, and equipment, including allowances for any overhead allocations such as purchasing, warehousing, etc. to determine the charge for each respective service. Figure 10 outlines this process.

**Figure 10 - Miscellaneous Fee Calculation Process**



To facilitate the calculations, Stantec employed a standardized cost template to provide a consistent and repeatable process for assigning the activities and associated costs required for each miscellaneous fee. IRCDUS staff completed the templates through a detailed review of the processes and associated costs and populated the templates to reflect the types and amount of cost for each miscellaneous service provided.



## 5.2 EXISTING MISCELLANEOUS FEES

IRCDUS' has more than thirty miscellaneous fees which can be summarized into broad categories:

- **Connection Charges:** New taps and service lines.
- **Meter Installation:** Installation of meters and meter boxes
- **Billing, Meter, and Service Charges:** Service initiation/closure, customer account, disconnection/reconnection, and various meter reading and testing services.
- **Engineering and Inspection:** Inspection, engineering, plan reviews, and related services.
- **Line Extension Fees:** Extension of IRCDUS' distribution or collection system.

Currently IRCDUS is charging a line extension fee on a per lot linear foot basis to customers that have an existing line running in front of their property. As part of the Study, IRCDUS has performed an analysis on the line extension fees. Table 19 provides the resulting fees during the two-year period of proposed rates. These fees are based on a cost analysis performed by IRCDUS that has not been independently reviewed or verified by Stantec.

**Table 19 – Proposed FY 2025 and FY 2026 Existing Line Extension Fees**

Description	Existing (FY 2024)	Proposed (FY 2025)	Proposed (FY 2026)
Water (per lot Linear Feet)	\$11.25	\$40.00	\$50.00
Sewer (per lot Linear Feet)	\$15.77	\$60.00	\$75.00

## 5.3 NEW MISCELLANEOUS FEES

IRCDUS staff has identified the following new miscellaneous fees related to development activities within the water, sewer, and reclaimed water systems that are currently being performed, but the costs of which are not being directly charged to the benefitting customer.

- **Fire Hydrant Flow Test**
- **Force Main Pressure Test**

## 5.4 BENCHMARKING

Stantec also conducted benchmarking to compare IRCDUS' existing and proposed miscellaneous fees to that of other municipalities throughout the Space Coast and Treasure Coast region of Florida. Utility systems recover the costs for these types of activities either through specific fees or user rates and the number of and type of miscellaneous fees varies substantially between systems. As such, this benchmarking analysis compares similar fees for the surveyed utility systems where applicable. The results of the benchmarking were dependent on publicly available information as of April 5, 2024, and can be found on Schedule 1 of Appendix D.



## 5.5 PROPOSED MISCELLANEOUS FEES

The proposed miscellaneous fees considered the potential impacts to customers, comparison to local benchmarking, and IRCDUS' overall cost recovery objectives.

Appendix D presents a comprehensive comparison of the current fees, cost of service, and proposed miscellaneous fees described herein. Stantec provided the final cost computation templates to the Utility for reference and future updates to reflect changes in costs and/or processes.





## 6. CUSTOMER DEPOSITS

This section of the report presents the customer deposit analysis conducted as part of the Study.

### 6.1 DESCRIPTION

Because IRCDUS provides service prior to the receipt of payment, it carries the risk that of nonpayment for services received for incurred costs. As such, most utilities require customers to pay a deposit prior to the start of service or waive them based on demonstration of good payment history. IRCDUS currently requires a deposit from customers at the time of account opening, transfer, or reconnection, which is refundable to the customer after two years of good standing payment history or applied to the final bill balance if the account is closed prior to the two-year period for a residential account held by the property owner or after five years for a tenant account.

### 6.2 RESULTS

To perform the customer deposit analysis, Stantec first evaluated IRCDUS' average water consumption and billed sewer volume for a typical residential customer. It is common within the industry for customer deposits to be based on between one to three months of an average or typical bill and consistent with a utility's billing frequency and collection practices. IRCDUS bills monthly and continues to provide service until the property is disconnected for non-payment. As such, Stantec developed the customer deposits equal to the average charges incurred during a one-month billing cycle and another 30 days of potential charges prior to disconnection.

Stantec calculated updated deposits based on the proposed FY 2025 water and sewer rates and current average billed usage/volume for one ERU. Table summarizes the calculated deposits while Appendix A contains the calculation details.

**Table 20 – Proposed FY 2025 Customer Deposits**

Description	Existing (FY 2024)	Proposed (FY 2025)
Water Deposit per ERU	\$50.00	\$45.00
Sewer Deposit per ERU	\$50.00	\$80.00



## 7. CONCLUSIONS AND RECOMMENDATIONS

Based upon the analyses presented in this report, Stantec has reached the following conclusions and recommendations:

- Based upon the assumptions and base data as outlined in Appendix A and summarized herein, IRCDUS' current water, sewer, and reclaimed water rates are not projected to generate sufficient revenues to satisfy the overall cost requirements including annual operating expenses, capital improvement requirements, debt service, and operating reserve targets through FY 2034.
- Stantec identified a plan of annual rate indexing adjustments effective October 1 of each fiscal year to meet IRCDUS' projected financial requirements including the capital financing plan described herein. Specifically, that plan includes annual water rate adjustments of 12.0% in both FY 2025 and FY 2026 and sewer rate adjustments of 24.0% in FY 2025 and 12.0% in FY 2026. Thereafter, the analysis identified the need for annual 5.0% water and sewer rate indexing through FY 2031, and 10.0% water and sewer rate indexing beginning in FY 2032.
- IRCDUS is in the process of initiating a master plan that is anticipated to identify the future capital needs of the water, sewer, and reclaimed water systems including the potential for future capacity expansions for these services. Additionally, IRCDUS intends on performing annual revenue sufficiency reviews and proactive financial management. As such, Stantec recommends that IRCDUS adopted the proposed rate indexing plan for FY 2025<sup>31</sup> and FY 2026 to address the near-term cash flow imbalance to stabilize the financial sustainability of the Utility and evaluate future rate indexing plans at which time the master plan is complete and as part of future annual reviews of rates.
- The resulting rates and typical residential customer bills are expected to remain favorable to those of neighboring utility systems.
- The capital financing plan developed for IRCDUS' includes funding of \$590 million in capital projects through FY 2034 from a combination of grants, impact fees, PAYGO (cash funding from reserves and annual revenues), and the issuance of approximately \$202 million in new borrowing for future capacity expansions. IRCDUS does not carry outstanding debt and the anticipated borrowing needs are not projected until FY 2032. The intent of this plan is to cash fund all of IRCDUS' recurring CIP therefore preserving IRCDUS' borrowing capacity to address large scale projects from the master plan or accelerated timing of expansion projects. As such, the timing and level of actual borrowing should be regularly evaluated based on IRCDUS' capital and system reinvestment needs.

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<sup>31</sup> The Study assumes an implementation date of 10/1/24 for FY 2025 rates. However, actual implementation may be 1/1/25 due to the County's planned stakeholder communication and engagement activities.



- The cost-of-service analysis found that the water system revenues were partially funding the sewer system's costs which informed the recommendation for a higher sewer rate indexing plan in FY 2025 relative to the water rate adjustment. Upon implementation of these proposed rates in FY 2025, the projected revenues and costs by system are within acceptable ranges based on Stantec's industry experience. As such, beginning in FY 2026, the annual water, sewer, and reclaimed water rate indexing plan is applied across all services (water, sewer, and reclaimed water) effective annually on October 1 of each fiscal year.
- IRCDUS' retail monthly service availability and volumetric rate structure is generally consistent with overall industry practices. However, detailed customer billing records required to perform a more in-depth analysis were not available to Stantec at the time of the conduct of the Study. Such data would allow the review of IRCDUS' current water tiers, pricing, and inform potential future modifications to the rate structure. As such, IRCDUS has been actively working to gather this information to be available for future evaluations.
- Stantec evaluated certain other user rates charged by IRCDUS including bulk water and sewer, private fire, and septage and sludge and recommends that IRCDUS adopt the proposed cost-based rates to be effective in FY 2025 and apply future annual rate indexing.
- Stantec identified IRCDUS' costs associated with reclaimed water and found that the current rate is below the cost of service. However, because of the operational benefits and use of reclaimed water as a means for wastewater effluent disposal, Stantec recommends only modifying the reclaimed water rate commensurate with the overall sewer system rate indexing plan.
- Stantec recommends that IRCDUS update the revenue sufficiency analysis portion of the Study annually to evaluate the adequacy of its revenues and water and sewer rate adjustment plan. Doing so will allow for the incorporation of updated costs for the CIP from the upcoming master plan and associated financing plan, updated revenue and expense information, changes in economic conditions, changes in the number of customer accounts and usage levels, regulatory requirements, and other factors that can materially affect the financial management plan. This will also ensure that the IRCDUS will be able to meet its financial and operating requirements in the future and minimize rate impacts to customers from future events occurring differently than currently projected.
- Stantec also reviewed the Utility's updated miscellaneous fees related to Utility services and recommends that IRCDUS adopt the fees as summarized herein to be effective 10/1/24. Additionally, IRCDUS should evaluate these periodically thereafter to ensure that they are commensurate with the costs and overall objectives. Miscellaneous fees that are more closely aligned with IRCDUS' costs provide additional revenue that can mitigate a portion of the need for additional monthly user rates.
- Stantec recommends that IRCDUS implement the proposed utility customer deposits as presented in FY 2025 and review every three to five years to account for changes in monthly user rates and/or collection policies and practices.



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*Additionally, the purpose of this document is to summarize Stantec's analysis, and findings related to this project, and it is not intended to address all aspects that may surround the subject area. Therefore, this document may have limitations, assumptions, or reliance on data that are not readily apparent on the face of it. Moreover, the reader should understand that Stantec was called on to provide judgments on a variety of critical factors which are incapable of precise measurement. As such, the use of this document and its findings by Indian River County, FL should only occur after consultation with Stantec, and any use of this document and findings by any other person is done so entirely at their own risk.*



## APPENDIX A: REVENUE SUFFICIENCY ANALYSIS

Schedule 1	Assumptions
Schedule 2	FY 2024 Beginning Fund Balances
Schedule 3	Projection of Cash Inflows
Schedule 4	Projection of Cash Outflows
Schedule 5	Cost Escalation Factors
Schedule 6	Capital Improvement Program
Schedule 7	Financial Management Plan Summary
Schedule 8	Forecast of Net Revenues and Debt Service Coverage (Pro Forma)
Schedule 9	Capital Project Funding Summary
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## Assumptions

## Schedule 1

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
<b>Rate Increase Adoption Date</b>	10/1/2023	10/1/2024	10/1/2025	10/1/2026	10/1/2027	10/1/2028	10/1/2029	10/1/2030	10/1/2031	10/1/2032	10/1/2033
<b>Annual Growth</b>											
<b>Water</b>											
Ending # of ERUs	75,573	76,823	78,073	79,323	80,573	81,823	83,073	84,323	85,573	86,823	88,073
ERU Growth	N/A	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
% Change in ERUs	N/A	1.65%	1.63%	1.60%	1.58%	1.55%	1.53%	1.50%	1.48%	1.46%	1.44%
Usage per ERU	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07
% Change in Usage per ERU	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Usage (Kgal)	3,688,101	3,749,104	3,810,107	3,871,110	3,932,112	3,993,115	4,054,118	4,115,120	4,176,123	4,237,126	4,298,128
% Change in Usage	N/A	1.65%	1.63%	1.60%	1.58%	1.55%	1.53%	1.50%	1.48%	1.46%	1.44%
% Paying Impact Fees	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<b>Sewer</b>											
Ending # of ERUs	52,964	54,314	55,664	57,014	58,364	59,714	61,064	62,414	63,764	65,114	66,464
ERU Growth	N/A	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
% Change in ERUs	N/A	2.55%	2.49%	2.43%	2.37%	2.31%	2.26%	2.21%	2.16%	2.12%	2.07%
Billed Volume per ERU	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49
% Change in Billed Volume per ERU	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Billed Volume (Kgal)	2,219,696	2,276,274	2,332,852	2,389,430	2,446,007	2,502,585	2,559,163	2,615,741	2,672,319	2,728,897	2,785,475
% Change in Billed Volume	N/A	2.55%	2.49%	2.43%	2.37%	2.31%	2.26%	2.21%	2.16%	2.12%	2.07%
% Paying Impact Fees	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<b>Reclaimed</b>											
Ending # of ERUs	4	4	4	4	4	4	4	4	4	4	4
ERU Growth	N/A	-	-	-	-	-	-	-	-	-	-
% Change in ERUs	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Billed Volume per ERU	2,227.39	2,227.39	2,227.39	2,227.39	2,227.39	2,227.39	2,227.39	2,227.39	2,227.39	2,227.39	2,227.39
% Change in Usage per ERU	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Usage (Kgal)	106,915	106,915	106,915	106,915	106,915	106,915	106,915	106,915	106,915	106,915	106,915
% Change in Usage	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% Paying Impact Fees	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<b>Capital Spending</b>											
Annual Capital Budget (Future Year Dollars)	\$ 26,349,369	\$ 25,603,642	\$ 30,539,889	\$ 16,686,184	\$ 28,432,759	\$ 20,471,556	\$ 21,977,569	\$ 23,639,287	\$ 99,285,006	\$ 104,869,787	\$ 192,209,566
Annual Percent Executed	70%	72%	74%	76%	78%	80%	82%	84%	86%	88%	90%
<b>Impact Fees</b>											
Water Impact Fees	\$1,300.00	\$1,462.50	\$1,625.00	\$1,787.50	\$1,950.00	\$1,950.00	\$1,950.00	\$1,950.00	\$1,950.00	\$1,950.00	\$1,950.00
Sewer Impact Fees	\$2,796.00	\$2,402.03	\$2,402.03	\$2,402.03	\$2,402.03	\$2,402.03	\$2,402.03	\$2,402.03	\$2,402.03	\$2,402.03	\$2,402.03
<b>Average Annual Interest Earnings Rate</b>											
On Fund Balances	2.75%	2.50%	2.25%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
<b>Operating Budget Reserve</b>											
Target (Number of Months of Reserve)	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
<b>Operating Budget Execution Percentage</b>											
Personnel Services	90%	91%	92%	93%	94%	95%	95%	95%	95%	95%	95%
Variable Operations and Maintenance	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
Fixed Operations and Maintenance	83%	86%	89%	92%	95%	95%	95%	95%	95%	95%	95%
Capital Outlay	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



# FY 2024 Beginning Balances as of 10/1/2023

# Schedule 2

	Operating Fund	Restricted Reserves	Water Impact Fees	Sewer Impact Fees
<b>Current Assets</b>				
Cash and Investments	\$ 38,994,907	\$ -	\$ -	\$ -
Accounts receivable - net	3,204,635	-	-	-
Due from other governments	278,731	-	-	344,069
Leases receivable	944,759	-	-	-
Interest receivable	148,729	-	46,791	69,864
Inventories	3,583,686	-	-	-
Prepays and other assets	23,660	-	-	-
Restricted:	-	-	-	-
Cash and Investments	-	3,746,762	11,402,757	21,832,751
<b>Total Assets</b>	<b>\$ 47,179,107</b>	<b>\$ 3,746,762</b>	<b>\$ 11,449,549</b>	<b>\$ 22,246,684</b>
<b>Current Liabilities</b>				
Accounts payable	\$ (1,656,672)	\$ -	\$ -	\$ -
Retainage payable	(356,636)	-	-	(59,902)
Due to other governments	(33,929)	-	-	-
Other deposits	(248,922)	-	-	-
Unearned revenues	(4,962)	-	-	-
Pollution remediation costs payable	(70,000)	-	-	-
Accrued compensated absences	(679,737)	-	-	-
SBITA liability	(45,130)	-	-	-
Customer deposits	-	(3,497,840)	-	-
Accounts payable	-	-	(1,343)	(6,757)
Accrued interest payable	(2,087)	-	-	-
<b>Calculated Fund Balance (Assets - Liabilities)</b>	<b>\$ 44,081,033</b>	<b>\$ 248,922</b>	<b>\$ 11,448,206</b>	<b>\$ 22,180,024</b>
Plus/(Less): Inventories	(3,583,686)	-	-	-
Plus/(Less): Prepays	(23,660)	-	-	-
<b>Available Fund Balance</b>	<b>\$ 40,473,687</b>	<b>\$ 248,922</b>	<b>\$ 11,448,206</b>	<b>\$ 22,180,024</b>



## FY 2024 Beginning Balances as of 10/1/2023

## Schedule 2

		Operating Fund	Restricted Reserves	Water Impact Fees	Sewer Impact Fees
<b>Fund Summary</b>					
Operating Fund	\$	40,473,687			
Restricted Reserves			248,922		
Water Impact Fees			11,448,206		
Sewer Impact Fees			22,180,024		
<b>Total Available Funds</b>	<b>\$</b>	<b>74,350,838</b>			





# Projection of Cash Inflows

# Schedule 3

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
<b>Rate Revenue Growth Assumptions</b>											
<b>Water</b>											
1 % Change in Base Revenue	N/A	1.65%	1.63%	1.60%	1.58%	1.55%	1.53%	1.50%	1.48%	1.46%	1.44%
2 % Change in Usage Revenue	N/A	1.65%	1.63%	1.60%	1.58%	1.55%	1.53%	1.50%	1.48%	1.46%	1.44%
<b>Sewer</b>											
3 % Change in Base Revenue <sup>1</sup>	N/A	2.55%	2.49%	2.43%	2.37%	2.31%	2.26%	2.21%	2.16%	2.12%	2.07%
4 % Change in Usage Revenue	N/A	2.55%	2.49%	2.43%	2.37%	2.31%	2.26%	2.21%	2.16%	2.12%	2.07%
<b>Reclaimed</b>											
5 % Change in Usage Revenue	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Assumed Rate Revenue Increases</b>											
6 Assumed Water Rate Increase	N/A	12.00%	12.00%	5.00%	5.00%	5.00%	5.00%	5.00%	10.00%	10.00%	10.00%
7 Assumed Sewer Rate Increase	N/A	24.00%	12.00%	5.00%	5.00%	5.00%	5.00%	5.00%	10.00%	10.00%	10.00%
8 Assumed Reclaimed Rate Increase	N/A	24.00%	12.00%	5.00%	5.00%	5.00%	5.00%	5.00%	10.00%	10.00%	10.00%
<b>Water Rate Revenue</b>											
9 Base Rate Revenue	\$ 8,118,798	\$ 9,243,456	\$ 10,521,122	\$ 11,224,052	\$ 11,970,972	\$ 12,764,524	\$ 13,607,504	\$ 14,502,870	\$ 16,189,647	\$ 18,068,751	\$ 20,161,779
10 Usage Rate Revenue	14,296,085	16,276,454	18,526,247	19,764,010	21,079,233	22,476,569	23,960,940	25,537,557	28,507,739	31,816,582	35,502,117
11 <b>Total Water Rate Revenue</b>	<b>\$ 22,414,883</b>	<b>\$ 25,519,910</b>	<b>\$ 29,047,370</b>	<b>\$ 30,988,062</b>	<b>\$ 33,050,205</b>	<b>\$ 35,241,093</b>	<b>\$ 37,568,444</b>	<b>\$ 40,040,427</b>	<b>\$ 44,697,386</b>	<b>\$ 49,885,333</b>	<b>\$ 55,663,896</b>
<b>Sewer Rate Revenue</b>											
12 Base Rate Revenue	\$ 10,776,178	\$ 13,703,057	\$ 15,728,891	\$ 16,915,876	\$ 18,182,238	\$ 19,532,946	\$ 20,973,269	\$ 22,508,793	\$ 25,295,218	\$ 28,413,840	\$ 31,903,234
13 Usage Rate Revenue	7,610,493	9,677,551	11,108,262	11,946,550	12,840,896	13,794,811	14,812,015	15,896,452	17,864,318	20,066,791	22,531,117
14 <b>Total Sewer Rate Revenue</b>	<b>\$ 18,386,671</b>	<b>\$ 23,380,607</b>	<b>\$ 26,837,153</b>	<b>\$ 28,862,426</b>	<b>\$ 31,023,134</b>	<b>\$ 33,327,757</b>	<b>\$ 35,785,284</b>	<b>\$ 38,405,245</b>	<b>\$ 43,159,535</b>	<b>\$ 48,480,631</b>	<b>\$ 54,434,351</b>
<b>Reclaimed Rate Revenue</b>											
15 Usage Rate Revenue	16,901	20,958	23,473	24,646	25,879	27,173	28,531	29,958	32,954	36,249	39,874
16 <b>Total Reclaimed Rate Revenue</b>	<b>\$ 16,901</b>	<b>\$ 20,958</b>	<b>\$ 23,473</b>	<b>\$ 24,646</b>	<b>\$ 25,879</b>	<b>\$ 27,173</b>	<b>\$ 28,531</b>	<b>\$ 29,958</b>	<b>\$ 32,954</b>	<b>\$ 36,249</b>	<b>\$ 39,874</b>
<b>Other Operating Revenue</b>											
17 DEVELOPER EXTENS/LICENS FEE	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18 METER INSTALLATION	200,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
19 WATER TAP FEES	250,000	325,404	325,404	325,404	325,404	325,404	325,404	325,404	325,404	325,404	325,404
20 SEPTAGE/SLUDGE DISPOSAL	620,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000	675,000
21 GREASE DISPOSAL	29,250	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
22 SEWER TAP FEES	16,000	21,195	21,195	21,195	21,195	21,195	21,195	21,195	21,195	21,195	21,195
23 PENALTIES	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
24 RECONNECT FEES	525,000	554,382	554,382	554,382	554,382	554,382	554,382	554,382	554,382	554,382	554,382
25 SERVICE CHARGE	45,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
26 INSPECTION FEES	120,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
27 MISCELLANEOUS INCOME	30,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
28 COURT RECORDING FEES	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
29 RADIO TOWER RENTS	330,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
30 SEWER LINE EXTENSION FEE	52,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
31 WATER LINE EXTENSION FEE	140,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
32 COURT RECORDING FEES	500	500	500	500	500	500	500	500	500	500	500
33 <b>Total Other Operating Revenue</b>	<b>\$ 2,763,250</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>	<b>\$ 3,396,481</b>
<b>Transfers In</b>											
34 Stormwater Osprey Marsh Transfer	\$ 242,941	\$ 250,229	\$ 257,736	\$ 265,468	\$ 273,432	\$ 281,635	\$ 290,084	\$ 298,787	\$ 307,750	\$ 316,983	\$ 326,492
35 <b>Total Transfers In</b>	<b>\$ 242,941</b>	<b>\$ 250,229</b>	<b>\$ 257,736</b>	<b>\$ 265,468</b>	<b>\$ 273,432</b>	<b>\$ 281,635</b>	<b>\$ 290,084</b>	<b>\$ 298,787</b>	<b>\$ 307,750</b>	<b>\$ 316,983</b>	<b>\$ 326,492</b>
<b>Interest Income</b>											
36 Unrestricted	\$ 963,299	\$ 714,253	\$ 624,438	\$ 641,895	\$ 839,769	\$ 996,009	\$ 1,095,206	\$ 1,228,944	\$ 1,076,751	\$ 865,459	\$ 899,603
37 <b>Total Interest Income</b>	<b>\$ 963,299</b>	<b>\$ 714,253</b>	<b>\$ 624,438</b>	<b>\$ 641,895</b>	<b>\$ 839,769</b>	<b>\$ 996,009</b>	<b>\$ 1,095,206</b>	<b>\$ 1,228,944</b>	<b>\$ 1,076,751</b>	<b>\$ 865,459</b>	<b>\$ 899,603</b>
38 <b>Total Cash Inflows</b>	<b>\$ 44,787,945</b>	<b>\$ 53,282,438</b>	<b>\$ 60,186,651</b>	<b>\$ 64,178,980</b>	<b>\$ 68,608,901</b>	<b>\$ 73,270,148</b>	<b>\$ 78,164,030</b>	<b>\$ 83,399,841</b>	<b>\$ 92,670,857</b>	<b>\$ 102,981,137</b>	<b>\$ 114,760,698</b>

1) Includes an additional 100 Septic to Sewer (S2S) connections per year.



# Projection of Cash Outflows

# Schedule 4

Account Code	Expense Line Item	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
<b>Wastewater Treatment</b>												
1 471 -218-536-011120-	REGULAR SALARIES	\$ 1,080,753	\$ 1,228,821	\$ 1,265,686	\$ 1,303,656	\$ 1,342,766	\$ 1,383,049	\$ 1,424,540	\$ 1,467,277	\$ 1,511,295	\$ 1,556,634	\$ 1,603,333
2 471 -218-536-011140-	OVERTIME	121,000	129,882	133,778	137,792	141,926	146,183	150,569	155,086	159,738	164,531	169,467
3 471 -218-536-011150-	SPECIAL PAY	15,000	16,101	16,584	17,082	17,594	18,122	18,665	19,225	19,802	20,396	21,008
4 471 -218-536-012110-	SOCIAL SECURITY MATCHING	71,660	81,136	83,570	86,077	88,659	91,319	94,059	96,881	99,787	102,781	105,864
5 471 -218-536-012120-	RETIREMENT CONTRIBUTION	183,275	207,641	213,870	220,286	226,895	233,702	240,713	247,934	255,372	263,033	270,924
6 471 -218-536-012130-	INSURANCE	200,814	230,516	248,957	268,874	290,384	313,614	338,704	365,800	395,064	426,669	460,803
7 471 -218-536-012140-	WORKERS COMPENSATION	28,510	31,956	32,915	33,902	34,919	35,967	37,046	38,157	39,302	40,481	41,695
8 471 -218-536-012160-	OPEB CONTRIBUTION	6,272	6,852	7,058	7,269	7,487	7,712	7,943	8,182	8,427	8,680	8,940
9 471 -218-536-012170-	MEDICARE MATCHING	16,763	19,864	21,453	23,169	25,023	27,025	29,187	31,522	34,043	36,767	39,708
10 471 -218-536-012180-	CELL PHONE ALLOWANCE	600	1,218	1,255	1,292	1,331	1,371	1,412	1,454	1,498	1,543	1,589
11 471 -218-536-033140-	GENERAL & ADMINISTRATIVE EXP	121,140	124,774	128,517	132,373	136,344	140,434	144,647	148,987	153,456	158,060	162,802
12 471 -218-536-033190-	OTHER PROFESSIONAL SERVICES	284,320	269,302	277,381	285,702	294,274	303,102	312,195	321,561	331,207	341,144	351,378
13 471 -218-536-033490-	OTHER CONTRACTUAL SERVICES	3,300	3,399	3,501	3,606	3,714	3,826	3,940	4,059	4,180	4,306	4,435
14 471 -218-536-034020-	ALL TRAVEL	6,675	8,500	8,755	9,018	9,288	9,567	9,854	10,149	10,454	10,768	11,091
15 471 -218-536-034110-	TELEPHONE	1,750	1,803	1,857	1,913	1,970	2,029	2,090	2,153	2,217	2,284	2,353
16 471 -218-536-034210-	POSTAGE	600	500	515	530	546	563	580	597	615	633	652
17 471 -218-536-034320-	WATER & SEWER SERVICES	5,037	-	-	-	-	-	-	-	-	-	-
18 471 -218-536-034330-	GARBAGE AND SOLID WASTE	127,040	127,040	133,392	140,062	147,065	154,418	162,139	170,246	178,758	187,696	197,081
19 471 -218-536-034450-	RENT-HEAVY EQUIPMENT	10,000	20,000	20,000	21,218	21,855	22,510	23,185	23,881	24,597	25,335	26,095
20 471 -218-536-034510-	AUTOMOTIVE INSURANCE	10,450	10,764	11,087	11,420	11,762	12,115	12,478	12,853	13,238	13,636	14,045
21 471 -218-536-034590-	OTHER INSURANCE	393,988	405,808	417,982	430,522	443,437	456,740	470,443	484,556	499,093	514,065	529,487
22 471 -218-536-034620-	MAINTENANCE - AIR CONDITIONING	7,800	8,112	8,436	8,774	9,125	9,490	9,869	10,264	10,675	11,102	11,546
23 471 -218-536-034640-	MAINTENANCE - AUTO EQUIPMENT	4,000	8,000	8,320	8,653	8,999	9,359	9,733	10,123	10,527	10,949	11,386
24 471 -218-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	30,500	31,720	32,989	34,308	35,681	37,108	38,592	40,136	41,741	43,411	45,147
25 471 -218-536-034690-	MAINTENANCE - OTHER EQUIPMENT	3,000	3,120	3,245	3,375	3,510	3,650	3,796	3,948	4,106	4,270	4,441
26 471 -218-536-034710-	INTERNAL PRINTING EXPENSES	400	412	424	437	450	464	478	492	507	522	538
27 471 -218-536-034763-	MAINTENANCE-PEST CONTROL	800	824	849	874	900	927	955	984	1,013	1,044	1,075
28 471 -218-536-034910-	LEGAL ADS	600	618	637	656	675	696	716	738	760	783	806
29 471 -218-536-034970-	LICENSES AND PERMITS	22,000	22,660	23,340	24,040	24,761	25,504	26,269	27,057	27,869	28,705	29,566
30 471 -218-536-035110-	ALL OFFICE SUPPLIES	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344
31 471 -218-536-035120-	COMPUTER SOFTWARE	250	3,258	3,356	3,456	3,560	3,667	3,777	3,890	4,007	4,127	4,251
32 471 -218-536-035210-	FUEL & LUBRICANTS	37,500	39,375	41,344	43,411	45,581	47,861	50,254	52,766	55,405	58,175	61,084
33 471 -218-536-035220-	TIRES & TUBES	1,300	2,100	2,163	2,228	2,295	2,364	2,434	2,508	2,586	2,666	2,740
34 471 -218-536-035230-	CHEMICALS	860,000	1,179,900	1,238,895	1,300,840	1,365,882	1,434,176	1,505,885	1,581,179	1,660,238	1,743,250	1,830,412
35 471 -218-536-035240-	UNIFORMS & CLOTHING	8,000	9,600	9,888	10,185	10,490	10,805	11,129	11,463	11,807	12,161	12,526
36 471 -218-536-035250-	INSTITUTIONAL SUPPLIES	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032
37 471 -218-536-035260-	EXPENDABLE TOOLS	8,250	9,000	9,270	9,548	9,835	10,130	10,433	10,746	11,069	11,401	11,743
38 471 -218-536-035290-	OTHER OPERATING SUPPLIES	12,691	13,072	13,464	13,868	14,284	14,713	15,154	15,609	16,077	16,559	17,056
39 471 -218-536-035340-	LANDSCAPE MATERIALS & SUPPLIES	2,600	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914
40 471 -218-536-035360-	TRAFFIC SIGNS	500	515	530	546	563	580	597	615	633	652	672
41 471 -218-536-035420-	DUES-MEMBERSHIPS	6,480	6,480	6,674	6,875	7,081	7,293	7,512	7,737	7,970	8,209	8,455
42 471 -218-536-035430-	TUITION/REGISTRATION FEE	7,500	9,000	9,270	9,548	9,835	10,130	10,433	10,746	11,069	11,401	11,743
43 471 -218-536-035520-	OIL/LUBE	13,300	16,800	17,304	17,823	18,358	18,909	19,476	20,060	20,662	21,282	21,920
44 471 -218-536-044330-	SEWAGE TREATMENT PLANT ELECTRI	750,000	787,500	826,875	868,219	911,630	957,211	1,005,072	1,055,325	1,108,092	1,163,496	1,221,671
45 471 -218-536-044640-	METER MAINTENANCE	43,979	45,739	47,569	49,471	51,450	53,508	55,648	57,874	60,189	62,597	65,101
46 471 -218-536-044650-	PUMPING EQUIPMENT MAINTENANCE	478,205	723,080	752,003	782,083	813,367	845,901	879,737	914,927	951,524	989,585	1,029,168
47 471 -218-536-044688-	OTHER MISC RENEWAL & REPLACEMN	-	250,000	260,000	270,400	281,216	292,465	304,163	316,330	328,983	342,142	355,828
48 471 -218-536-044690-	SEWAGE PLANT MAINTENANCE	487,296	487,588	507,092	527,375	548,470	570,409	593,225	616,954	641,633	667,298	693,990
49 471 -218-536-044699-	UTILITY RENEWAL & REPLACEMENT	1,930,829	1,200,000	1,248,000	1,297,920	1,349,837	1,403,830	1,459,983	1,518,383	1,579,118	1,642,283	1,707,974
50 471 -218-536-044699-21531	WWTF PUMP R&R	209,151	-	-	-	-	-	-	-	-	-	-
51 471 -218-536-044710-	COMMUNICATION EQUIPMENT MAINT	500	500	520	541	562	585	608	633	658	684	712
52 471 -218-536-044730-	SEWAGE SLUDGE REMOVAL	535,500	562,275	584,766	608,157	632,483	657,782	684,094	711,457	739,916	769,512	800,293
53 471 -218-536-044740-	WATER STORAGE TANK MAINTENANCE	1,513	1,550	1,612	1,676	1,744	1,813	1,886	1,961	2,040	2,121	2,206
54	<b>Wastewater Treatment Subtotal</b>	<b>8,157,391</b>	<b>8,355,795</b>	<b>8,694,881</b>	<b>9,048,604</b>	<b>9,417,642</b>	<b>9,802,709</b>	<b>10,204,555</b>	<b>10,623,966</b>	<b>11,061,771</b>	<b>11,518,841</b>	<b>11,996,090</b>
<b>Water Production</b>												
55 471 -219-536-011120-	REGULAR SALARIES	1,487,665	1,670,862	1,720,988	1,772,617	1,825,796	1,880,570	1,936,987	1,995,097	2,054,950	2,116,598	2,180,096
56 471 -219-536-011140-	OVERTIME	166,000	176,058	181,340	186,780	192,383	198,155	204,099	210,222	216,529	223,025	229,716
57 471 -219-536-011150-	SPECIAL PAY	29,775	31,579	32,526	33,502	34,507	35,542	36,609	37,707	38,838	40,003	41,203
58 471 -219-536-012110-	SOCIAL SECURITY MATCHING	99,973	111,713	115,064	118,516	122,072	125,734	129,506	133,391	137,393	141,515	145,760
59 471 -219-536-012120-	RETIREMENT CONTRIBUTION	230,670	258,467	266,221	274,208	282,434	290,907	299,634	308,623	317,882	327,418	337,241
60 471 -219-536-012130-	INSURANCE	252,313	286,049	308,933	333,648	360,339	389,167	420,300	453,924	490,238	529,457	571,813
61 471 -219-536-012140-	WORKERS COMPENSATION	32,391	34,492	35,527	36,593	37,690	38,821	39,986	41,185	42,421	43,693	45,004
62 471 -219-536-012160-	OPEB CONTRIBUTION	8,624	9,275	9,553	9,840	10,135	10,439	10,752	11,075	11,409	11,749	12,102
63 471 -219-536-012170-	MEDICARE MATCHING	23,388	26,135	28,226	30,484	32,923	35,556	38,401	41,473	44,791	48,374	52,244
64 471 -219-536-012180-	CELL PHONE ALLOWANCE	1,800	1,854	1,910	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419



# Projection of Cash Outflows

# Schedule 4

Account Code	Expense Line Item	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
65 471 -219-536-033140-	GENERAL & ADMINISTRATIVE EXP	163,842	168,757	173,820	179,034	184,405	189,937	195,636	201,505	207,550	213,776	220,190
66 471 -219-536-033190-	OTHER PROFESSIONAL SERVICES	246,044	348,918	359,386	370,167	381,272	392,710	404,492	416,626	429,125	441,999	455,259
67 471 -219-536-033490-	OTHER CONTRACTUAL SERVICES	2,600	2,678	2,758	2,841	2,926	3,014	3,105	3,198	3,294	3,392	3,494
68 471 -219-536-034020-	ALL TRAVEL	7,184	7,400	7,622	7,851	8,086	8,329	8,579	8,836	9,101	9,374	9,655
69 471 -219-536-034110-	TELEPHONE	2,000	650	670	690	710	732	754	776	799	823	848
70 471 -219-536-034190-	OTHER COMMUNICATION SERVICES	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016
71 471 -219-536-034210-	POSTAGE	1,000	2,163	2,228	2,295	2,364	2,434	2,508	2,583	2,660	2,740	2,822
72 471 -219-536-034330-	GARBAGE AND SOLID WASTE	3,856	4,108	4,231	4,358	4,489	4,624	4,762	4,905	5,052	5,204	5,360
73 471 -219-536-034450-	RENT-HEAVY EQUIPMENT	5,000	7,150	7,365	7,585	7,813	8,047	8,289	8,537	8,794	9,057	9,329
74 471 -219-536-034510-	AUTOMOTIVE INSURANCE	8,550	8,892	9,248	9,618	10,002	10,402	10,818	11,251	11,701	12,169	12,656
75 471 -219-536-034590-	OTHER INSURANCE	573,984	596,944	620,822	645,655	671,481	698,340	726,274	755,325	785,538	816,959	849,637
76 471 -219-536-034620-	MAINTENANCE - AIR CONDITIONING	7,300	7,592	7,896	8,212	8,540	8,882	9,237	9,606	9,991	10,390	10,806
77 471 -219-536-034640-	MAINTENANCE - AUTO EQUIPMENT	7,200	7,488	7,788	8,099	8,423	8,760	9,110	9,475	9,854	10,248	10,658
78 471 -219-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	24,500	25,480	26,499	27,559	28,662	29,808	31,000	32,240	33,530	34,871	36,266
79 471 -219-536-034690-	MAINTENANCE - OTHER EQUIPMENT	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480
80 471 -219-536-034710-	INTERNAL PRINTING EXPENSES	900	-	-	-	-	-	-	-	-	-	-
81 471 -219-536-034720-	OUTSIDE PRINTING	6,000	4,740	4,882	5,029	5,180	5,335	5,495	5,660	5,830	6,004	6,185
82 471 -219-536-034730-	MAINTENANCE-ALARM MONITORING	300	-	-	-	-	-	-	-	-	-	-
83 471 -219-536-034763-	MAINTENANCE-PEST CONTROL	264	275	283	292	300	310	319	328	338	348	359
84 471 -219-536-034910-	LEGAL ADS	500	520	536	552	568	585	603	621	640	659	678
85 471 -219-536-034970-	LICENSES AND PERMITS	22,750	23,433	24,136	24,860	25,606	26,374	27,165	27,980	28,820	29,684	30,575
86 471 -219-536-035110-	ALL OFFICE SUPPLIES	500	865	891	918	945	974	1,003	1,033	1,064	1,096	1,129
87 471 -219-536-035120-	COMPUTER SOFTWARE	21,000	22,050	22,712	23,393	24,095	24,817	25,562	26,329	27,119	27,932	28,770
88 471 -219-536-035130-	COMPUTER HARDWARE UPGRADE	6,700	22,495	23,170	23,865	24,581	25,318	26,078	26,860	27,666	28,496	29,351
89 471 -219-536-035210-	FUEL & LUBRICANTS	52,520	54,863	57,606	60,486	63,511	66,686	70,021	73,522	77,198	81,058	85,111
90 471 -219-536-035220-	TIRES & TUBES	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220
91 471 -219-536-035230-	CHEMICALS	2,326,990	2,513,020	2,638,671	2,770,605	2,909,135	3,054,592	3,207,321	3,367,687	3,536,072	3,712,875	3,898,519
92 471 -219-536-035240-	UNIFORMS & CLOTHING	10,400	12,712	13,093	13,486	13,891	14,307	14,737	15,179	15,634	16,103	16,586
93 471 -219-536-035250-	INSTITUTIONAL SUPPLIES	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016
94 471 -219-536-035260-	EXPENDABLE TOOLS	5,300	8,115	8,358	8,609	8,867	9,134	9,408	9,690	9,980	10,280	10,588
95 471 -219-536-035290-	OTHER OPERATING SUPPLIES	51,496	60,040	61,841	63,696	65,607	67,576	69,603	71,691	73,842	76,057	78,339
96 471 -219-536-035420-	DUES-MEMBERSHIPS	6,550	6,946	7,154	7,369	7,590	7,818	8,052	8,294	8,543	8,799	9,063
97 471 -219-536-035430-	TUITION/REGISTRATION FEE	8,400	8,652	8,912	9,179	9,454	9,738	10,030	10,331	10,641	10,960	11,289
98 471 -219-536-035520-	OIL/LUBE	1,600	1,680	1,730	1,782	1,836	1,891	1,948	2,006	2,066	2,128	2,192
99 471 -219-536-044310-	WATER TREAT ELECTRIC	1,257,300	1,320,165	1,386,173	1,455,482	1,528,256	1,604,669	1,684,902	1,769,147	1,857,605	1,950,485	2,048,009
100 471 -219-536-044610-	WATER PLANT MAINTENANCE	423,548	332,694	346,002	359,842	374,236	389,205	404,773	420,964	437,803	455,315	473,527
101 471 -219-536-044620-	WELL MAINTENANCE	50,200	75,008	78,008	81,129	84,374	87,749	91,259	94,909	98,705	102,654	106,760
102 471 -219-536-044640-	METER MAINTENANCE	25,000	26,000	27,040	28,122	29,246	30,416	31,633	32,898	34,214	35,583	37,006
103 471 -219-536-044650-	PUMPING EQUIPMENT MAINTENANCE	236,800	250,000	260,000	270,400	281,216	292,465	304,163	316,330	328,983	342,142	355,828
104 471 -219-536-044688-	OTHER MISC RENEWAL & REPLACEMN	-	200,000	208,000	216,320	224,973	233,972	243,331	253,064	263,186	273,714	284,662
105 471 -219-536-044699-	UTILITY RENEWAL & REPLACEMENT	400,435	800,000	832,000	865,280	899,891	935,887	973,322	1,012,255	1,052,745	1,094,855	1,138,649
106 471 -219-536-044699-19540	N WTP WELL REHAB	13,479	-	-	-	-	-	-	-	-	-	-
107 471 -219-536-044710-	COMMUNICATION EQUIPMENT MAINT	500	520	541	562	585	608	633	658	684	712	740
108 471 -219-536-044740-	WATER STORAGE TANK MAINTENANCE	31,119	95,191	98,999	102,959	107,077	111,360	115,814	120,447	125,265	130,275	135,486
109	<b>Water Production Subtotal</b>	<b>8,351,440</b>	<b>9,640,378</b>	<b>10,047,244</b>	<b>10,472,423</b>	<b>10,916,800</b>	<b>11,381,301</b>	<b>11,866,904</b>	<b>12,374,637</b>	<b>12,905,580</b>	<b>13,460,872</b>	<b>14,041,713</b>
<b>General &amp; Engineering</b>												
110 471 -235-536-011120-	REGULAR SALARIES	1,649,985	1,967,993	2,027,032	2,087,843	2,150,479	2,214,993	2,281,443	2,349,886	2,420,383	2,492,994	2,567,784
111 471 -235-536-011140-	OVERTIME	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376
112 471 -235-536-011150-	SPECIAL PAY	19,400	19,982	20,581	21,199	21,835	22,490	23,165	23,860	24,575	25,313	26,072
113 471 -235-536-012110-	SOCIAL SECURITY MATCHING	101,175	121,689	125,340	129,100	132,973	136,962	141,071	145,303	149,662	154,152	158,777
114 471 -235-536-012120-	RETIREMENT CONTRIBUTION	232,885	276,298	284,586	293,124	301,918	310,975	320,305	329,914	339,811	350,005	360,506
115 471 -235-536-012130-	INSURANCE	233,998	319,018	344,539	372,102	401,871	434,020	468,742	506,241	546,741	590,480	637,718
116 471 -235-536-012140-	WORKERS COMPENSATION	6,067	6,651	6,851	7,056	7,268	7,486	7,710	7,942	8,180	8,425	8,678
117 471 -235-536-012160-	OPEB CONTRIBUTION	8,232	10,439	10,752	11,075	11,407	11,749	12,102	12,465	12,839	13,224	13,620
118 471 -235-536-012170-	MEDICARE MATCHING	23,742	29,731	32,110	34,679	37,453	40,449	43,685	47,180	50,954	55,031	59,433
119 471 -235-536-012180-	CELL PHONE ALLOWANCE	4,800	4,944	5,092	5,245	5,402	5,565	5,731	5,903	6,080	6,263	6,451
120 471 -235-536-012900-	PENSION EXPENSE	400,000	412,000	424,360	437,091	450,204	463,710	477,621	491,950	506,708	521,909	537,567
121 471 -235-536-033110-	LEGAL SERVICES	207,000	213,210	100,000	50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494
122 471 -235-536-033140-	GENERAL & ADMINISTRATIVE EXP	188,545	194,201	200,027	206,028	212,209	218,575	225,133	231,887	238,843	246,008	253,389
123 471 -235-536-033190-	OTHER PROFESSIONAL SERVICES	500,000	3,424,900	2,154,400	796,960	750,000	772,500	795,675	819,545	844,132	869,456	895,539
124 471 -235-536-033190-23540	WATER QUAL & TREATMNT FAC EVAL	22,000	22,660	23,340	24,040	24,761	25,504	26,269	27,057	27,869	28,705	29,566
125 471 -235-536-033210-	EXTERNAL AUDITORS	20,786	21,410	22,052	22,713	23,395	24,097	24,820	25,564	26,331	27,121	27,935
126 471 -235-536-033470-	CONTRACTED LABOR SERVICES	78,000	80,340	82,750	85,233	87,790	90,423	93,136	95,930	98,808	101,772	104,825
127 471 -235-536-033490-	OTHER CONTRACTUAL SERVICES	1,960	2,019	2,079	2,142	2,206	2,272	2,340	2,411	2,483	2,557	2,634
128 471 -235-536-034010-	VEHICLE ALLOWANCE	21,005	21,635	22,284	22,953	23,641	24,351	25,081	25,834	26,609	27,407	28,229
129 471 -235-536-034020-	ALL TRAVEL	15,369	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619



# Projection of Cash Outflows

# Schedule 4

Account Code	Expense Line Item	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
130 471 -235-536-034110-	TELEPHONE	2,900	2,987	3,077	3,169	3,264	3,362	3,463	3,567	3,674	3,784	3,897
131 471 -235-536-034190-	OTHER COMMUNICATION SERVICES	10,290	10,599	10,917	11,244	11,581	11,929	12,287	12,655	13,035	13,426	13,829
132 471 -235-536-034210-	POSTAGE	200	206	212	219	225	232	239	246	253	261	269
133 471 -235-536-034310-	ELECTRIC SERVICES	27,500	28,875	30,319	31,835	33,426	35,098	36,853	38,695	40,630	42,662	44,795
134 471 -235-536-034320-	WATER & SEWER SERVICES	2,500	2,625	2,756	2,894	3,039	3,191	3,350	3,518	3,694	3,878	4,072
135 471 -235-536-034420-	RENT-BUILDINGS	80,366	82,777	85,260	87,818	90,453	93,166	95,961	98,840	101,805	104,859	108,005
136 471 -235-536-034510-	AUTOMOTIVE INSURANCE	5,700	5,871	6,047	6,229	6,415	6,608	6,806	7,010	7,221	7,437	7,660
137 471 -235-536-034590-	OTHER INSURANCE	204,818	210,963	217,291	223,810	230,524	237,440	244,563	251,900	259,457	267,241	275,258
138 471 -235-536-034640-	MAINTENANCE - AUTO EQUIPMENT	8,500	8,755	9,018	9,288	9,567	9,854	10,149	10,454	10,768	11,091	11,423
139 471 -235-536-034710-	INTERNAL PRINTING EXPENSES	4,500	4,635	4,774	4,917	5,065	5,217	5,373	5,534	5,700	5,871	6,048
140 471 -235-536-034720-	OUTSIDE PRINTING	200	206	212	219	225	232	239	246	253	261	269
141 471 -235-536-034810-	ADVERTISING/EXCEPT LEGAL	500	515	530	546	563	580	597	615	633	652	672
142 471 -235-536-034910-	LEGAL ADS	500	515	530	546	563	580	597	615	633	652	672
143 471 -235-536-034970-	LICENSES AND PERMITS	815	2,500	2,575	2,652	2,732	2,814	2,898	2,985	3,075	3,167	3,262
144 471 -235-536-035110-	ALL OFFICE SUPPLIES	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344
145 471 -235-536-035120-	COMPUTER SOFTWARE	75,422	77,685	80,015	82,416	84,888	87,435	90,058	92,760	95,542	98,409	101,361
146 471 -235-536-035130-	COMPUTER HARDWARE UPGRADE	1,172	1,207	1,243	1,281	1,319	1,359	1,399	1,441	1,485	1,529	1,575
147 471 -235-536-035140-	GIS SUPPLIES	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344
148 471 -235-536-035210-	FUEL & LUBRICANTS	11,120	11,676	12,260	12,873	13,516	14,192	14,902	15,647	16,429	17,251	18,113
149 471 -235-536-035220-	TIRES & TUBES	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016
150 471 -235-536-035240-	UNIFORMS & CLOTHING	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344
151 471 -235-536-035260-	EXPENDABLE TOOLS	3,500	3,605	3,713	3,825	3,939	4,057	4,179	4,305	4,434	4,567	4,704
152 471 -235-536-035290-	OTHER OPERATING SUPPLIES	3,194	3,290	3,389	3,490	3,595	3,703	3,814	3,928	4,046	4,167	4,292
153 471 -235-536-035410-	BOOKS-MAGAZINES	200	206	212	219	225	232	239	246	253	261	269
154 471 -235-536-035420-	DUES-MEMBERSHIPS	5,050	5,202	5,358	5,518	5,684	5,854	6,030	6,211	6,397	6,589	6,787
155 471 -235-536-035430-	TUITION/REGISTRATION FEE	19,425	20,008	20,608	21,226	21,863	22,519	23,194	23,890	24,607	25,345	26,106
156 471 -235-536-036991-	GIS INTER-DEPT CHARGES	240,445	247,658	255,088	262,741	270,623	278,742	287,104	295,717	304,589	313,726	323,138
157 471 -235-536-036992-	IS/TELECOM INTER-DEPT CHGS	817,786	842,320	867,589	893,617	920,425	948,038	976,479	1,005,774	1,035,947	1,067,025	1,099,036
158 471 -235-536-044710-	COMMUNICATION EQUIPMENT MAINT	500	515	530	546	563	580	597	615	633	652	672
159 471 -235-536-059200-	ATTRCTVE ITEMS-LAPTOPS/TABLETS	1,900	1,957	2,016	2,076	2,138	2,203	2,269	2,337	2,407	2,479	2,553
160	<b>General &amp; Engineering Subtotal</b>	<b>5,272,452</b>	<b>8,760,230</b>	<b>7,548,485</b>	<b>6,319,607</b>	<b>6,459,617</b>	<b>6,676,372</b>	<b>6,901,436</b>	<b>7,135,202</b>	<b>7,378,087</b>	<b>7,630,529</b>	<b>7,892,996</b>
<b>Bio-Solids Operations</b>												
161 471 -257-536-033190-	OTHER PROFESSIONAL SERVICES	449,700	468,861	482,927	497,415	512,337	527,707	543,538	559,845	576,640	593,939	611,757
162 471 -257-536-033210-	EXTERNAL AUDITORS	1,734	1,786	1,840	1,895	1,952	2,010	2,070	2,133	2,197	2,262	2,330
163 471 -257-536-034110-	TELEPHONE	100	103	106	109	113	116	119	123	127	130	134
164 471 -257-536-034320-	WATER & SEWER SERVICES	715	736	773	811	852	895	939	986	1,036	1,087	1,142
165 471 -257-536-034330-	GARBAGE AND SOLID WASTE	319,044	334,922	351,668	369,252	387,714	407,100	427,455	448,828	471,269	494,832	519,574
166 471 -257-536-034450-	RENT-HEAVY EQUIPMENT	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016
167 471 -257-536-034590-	OTHER INSURANCE	47,169	48,584	50,042	51,543	53,089	54,682	56,322	58,012	59,752	61,545	63,391
168 471 -257-536-034620-	MAINTENANCE - AIR CONDITIONING	2,100	2,163	2,250	2,340	2,433	2,530	2,632	2,737	2,846	2,960	3,079
169 471 -257-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	6,500	9,695	10,083	10,486	10,906	11,342	11,795	12,267	12,758	13,268	13,799
170 471 -257-536-034710-	INTERNAL PRINTING EXPENSES	150	155	160	164	169	174	180	185	191	196	202
171 471 -257-536-034730-	MAINTENANCE-ALARM MONITORING	675	709	737	767	798	829	863	897	933	970	1,009
172 471 -257-536-034910-	LEGAL ADS	250	258	266	274	282	290	299	308	317	327	337
173 471 -257-536-034970-	LICENSES AND PERMITS	100	103	106	109	113	116	119	123	127	130	134
174 471 -257-536-035110-	ALL OFFICE SUPPLIES	200	206	212	219	225	232	239	246	253	261	269
175 471 -257-536-035210-	FUEL & LUBRICANTS	1,500	1,575	1,654	1,736	1,823	1,914	2,010	2,111	2,216	2,327	2,443
176 471 -257-536-035230-	CHEMICALS	49,500	51,975	54,574	57,302	60,168	63,176	66,335	69,651	73,134	76,791	80,630
177 471 -257-536-035260-	EXPENDABLE TOOLS	750	773	796	820	845	870	896	923	951	979	1,009
178 471 -257-536-035290-	OTHER OPERATING SUPPLIES	3,750	5,088	5,241	5,398	5,560	5,727	5,898	6,075	6,258	6,445	6,639
179 471 -257-536-044340-	SLUDGE FACILITY ELECTRIC	105,600	105,600	110,880	116,424	122,245	128,357	134,775	141,514	148,590	156,019	163,820
180 471 -257-536-044640-	METER MAINTENANCE	3,549	3,691	3,839	3,992	4,152	4,318	4,491	4,670	4,857	5,051	5,253
181 471 -257-536-044650-	PUMPING EQUIPMENT MAINTENANCE	119,014	82,175	85,462	88,880	92,436	96,133	99,978	103,978	108,137	112,462	116,961
182 471 -257-536-044699-	UTILITY RENEWAL & REPLACEMENT	30,982	500,000	520,000	540,800	562,432	584,929	608,326	632,660	657,966	684,285	711,656
183 471 -257-536-044810-	SLUDGE FACILITY MAINTENANCE	27,237	67,237	69,926	72,724	75,632	78,658	81,804	85,076	88,479	92,018	95,699
184	<b>Bio-Solids Operations Subtotal</b>	<b>1,171,819</b>	<b>1,687,940</b>	<b>1,755,131</b>	<b>1,825,099</b>	<b>1,897,962</b>	<b>1,973,845</b>	<b>2,052,877</b>	<b>2,135,192</b>	<b>2,220,933</b>	<b>2,310,245</b>	<b>2,403,284</b>
<b>Customer Service</b>												
185 471 -265-536-011120-	REGULAR SALARIES	1,456,298	1,671,866	1,722,022	1,773,683	1,826,893	1,881,700	1,938,151	1,996,295	2,056,184	2,117,870	2,181,406
186 471 -265-536-011130-	PART TIME EMPLOYEES	35,924	38,524	39,680	40,870	42,096	43,359	44,660	46,000	47,380	48,801	50,265
187 471 -265-536-011140-	OVERTIME	40,000	43,268	44,566	45,903	47,280	48,699	50,159	51,664	53,214	54,811	56,455
188 471 -265-536-011150-	SPECIAL PAY	22,551	24,394	25,126	25,880	26,656	27,456	28,279	29,128	30,002	30,902	31,829
189 471 -265-536-012110-	SOCIAL SECURITY MATCHING	92,614	106,533	109,729	113,021	116,411	119,904	123,501	127,206	131,022	134,953	139,001
190 471 -265-536-012120-	RETIREMENT CONTRIBUTION	221,010	252,366	259,937	267,735	275,767	284,040	292,561	301,338	310,378	319,690	329,280
191 471 -265-536-012130-	INSURANCE	305,249	345,722	373,380	403,250	435,510	470,351	507,979	548,617	592,507	639,907	691,100
192 471 -265-536-012140-	WORKERS COMPENSATION	13,404	13,592	14,000	14,420	14,852	15,298	15,757	16,230	16,716	17,218	17,734



# Projection of Cash Outflows

# Schedule 4

Account Code	Expense Line Item	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
193 471 -265-536-012160-	OPEB CONTRIBUTION	12,544	13,720	14,132	14,556	14,992	15,442	15,905	16,382	16,874	17,380	17,901
194 471 -265-536-012170-	MEDICARE MATCHING	21,671	24,927	26,921	29,075	31,401	33,913	36,626	39,556	42,720	46,138	49,829
195 471 -265-536-033140-	GENERAL & ADMINISTRATIVE EXP	156,022	160,703	165,524	170,490	175,605	180,873	186,299	191,888	197,644	203,574	209,681
196 471 -265-536-033190-	OTHER PROFESSIONAL SERVICES	53,700	63,003	64,893	66,840	68,845	70,910	73,038	75,229	77,486	79,810	82,205
197 471 -265-536-033210-	EXTERNAL AUDITORS	20,786	21,410	22,052	22,714	23,395	24,097	24,820	25,565	26,332	27,122	27,935
198 471 -265-536-033470-	CONTRACTED LABOR SERVICES	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720
199 471 -265-536-033490-	OTHER CONTRACTUAL SERVICES	24,000	25,360	26,121	26,904	27,712	28,543	29,399	30,281	31,190	32,125	33,089
200 471 -265-536-034020-	ALL TRAVEL	1,170	2,129	2,193	2,259	2,326	2,396	2,468	2,542	2,618	2,697	2,778
201 471 -265-536-034110-	TELEPHONE	5,000	5,250	5,408	5,570	5,737	5,909	6,086	6,269	6,457	6,651	6,850
202 471 -265-536-034190-	OTHER COMMUNICATION SERVICES	6,400	6,720	6,922	7,129	7,343	7,563	7,790	8,024	8,265	8,513	8,768
203 471 -265-536-034210-	POSTAGE	228,850	240,292	247,501	254,926	262,574	270,451	278,564	286,921	295,529	304,395	313,527
204 471 -265-536-034420-	RENT-BUILDINGS	80,366	82,777	85,260	87,818	90,453	93,166	95,961	98,840	101,805	104,859	108,005
205 471 -265-536-034510-	AUTOMOTIVE INSURANCE	11,400	11,856	12,212	12,578	12,955	13,344	13,744	14,157	14,581	15,019	15,469
206 471 -265-536-034590-	OTHER INSURANCE	204,818	213,010	219,400	225,982	232,762	239,745	246,937	254,345	261,975	269,835	277,930
207 471 -265-536-034640-	MAINTENANCE - AUTO EQUIPMENT	10,000	20,400	21,012	21,642	22,292	22,960	23,649	24,359	25,089	25,842	26,617
208 471 -265-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	1,000	1,030	1,061	1,093	1,126	1,159	1,194	1,230	1,267	1,305	1,344
209 471 -265-536-034710-	INTERNAL PRINTING EXPENSES	3,300	3,465	3,569	3,676	3,786	3,900	4,017	4,137	4,262	4,389	4,521
210 471 -265-536-034720-	OUTSIDE PRINTING	44,500	46,725	48,127	49,571	51,058	52,589	54,167	55,792	57,466	59,190	60,966
211 471 -265-536-034730-	MAINTENANCE-ALARM MONITORING	300	309	318	328	338	348	358	369	380	391	403
212 471 -265-536-034830-	RECORDING FEES	6,000	6,300	6,489	6,684	6,884	7,091	7,303	7,523	7,748	7,981	8,220
213 471 -265-536-034970-	LICENSES AND PERMITS	100	103	106	109	113	116	119	123	127	130	134
214 471 -265-536-035110-	ALL OFFICE SUPPLIES	2,500	3,125	3,219	3,315	3,415	3,517	3,623	3,731	3,843	3,959	4,077
215 471 -265-536-035120-	COMPUTER SOFTWARE	137,500	129,054	132,926	136,913	141,021	145,251	149,609	154,097	158,720	163,482	168,386
216 471 -265-536-035130-	COMPUTER HARDWARE UPGRADE	320	6,330	6,520	6,715	6,917	7,124	7,338	7,558	7,785	8,019	8,259
217 471 -265-536-035210-	FUEL & LUBRICANTS	38,500	40,425	42,446	44,569	46,797	49,137	51,594	54,173	56,882	59,726	62,712
218 471 -265-536-035220-	TIRES & TUBES	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800	3,914	4,032
219 471 -265-536-035240-	UNIFORMS & CLOTHING	5,900	6,077	6,259	6,447	6,641	6,840	7,045	7,256	7,474	7,698	7,929
220 471 -265-536-035260-	EXPENDABLE TOOLS	2,500	5,100	5,253	5,411	5,573	5,740	5,912	6,090	6,272	6,461	6,654
221 471 -265-536-035290-	OTHER OPERATING SUPPLIES	7,700	7,931	8,169	8,414	8,666	8,926	9,194	9,470	9,754	10,047	10,348
222 471 -265-536-035430-	TUITION/REGISTRATION FEE	2,675	2,809	2,893	2,980	3,069	3,162	3,256	3,354	3,455	3,558	3,665
223 471 -265-536-035680-	CREDIT CARD FEES	205,000	211,150	214,586	218,021	221,457	224,893	228,328	231,764	235,200	238,635	242,071
224 471 -265-536-036510-	BAD DEBT-WATER/SEWER	50,000	150,000	152,441	154,881	157,322	159,763	162,203	164,644	167,085	169,526	171,966
225 471 -265-536-044688-	OTHER MISC RENEWAL & REPLACEMN	9,680	10,067	10,470	10,888	11,324	11,777	12,248	12,738	13,247	13,777	14,328
226 471 -265-536-044710-	COMMUNICATION EQUIPMENT MAINT	500	515	530	546	563	580	597	615	633	652	672
227	<b>Customer Service Subtotal</b>	<b>3,549,752</b>	<b>4,026,577</b>	<b>4,161,858</b>	<b>4,302,548</b>	<b>4,448,930</b>	<b>4,601,306</b>	<b>4,759,995</b>	<b>4,925,340</b>	<b>5,097,704</b>	<b>5,277,474</b>	<b>5,465,065</b>
<b>Wastewater Collection</b>												
228 471 -268-536-011120-	REGULAR SALARIES	1,514,266	1,710,514	1,761,829	1,814,684	1,869,125	1,925,199	1,982,955	2,042,443	2,103,716	2,166,828	2,231,833
229 471 -268-536-011140-	OVERTIME	115,000	122,587	126,265	130,053	133,954	137,973	142,112	146,375	150,767	155,290	159,948
230 471 -268-536-011150-	SPECIAL PAY	25,325	26,996	27,806	28,640	29,499	30,384	31,296	32,235	33,202	34,198	35,224
231 471 -268-536-012110-	SOCIAL SECURITY MATCHING	96,261	108,681	111,941	115,300	118,759	122,321	125,991	129,771	133,664	137,674	141,804
232 471 -268-536-012120-	RETIREMENT CONTRIBUTION	234,421	265,208	273,164	281,359	289,800	298,494	307,444	316,672	326,172	335,958	346,036
233 471 -268-536-012130-	INSURANCE	328,135	368,135	397,586	429,393	463,744	500,844	540,911	584,184	630,919	681,392	735,904
234 471 -268-536-012140-	WORKERS COMPENSATION	32,730	35,065	36,117	37,200	38,316	39,466	40,650	41,869	43,126	44,419	45,752
235 471 -268-536-012160-	OPEB CONTRIBUTION	10,192	10,890	11,217	11,553	11,900	12,257	12,624	13,003	13,393	13,795	14,209
236 471 -268-536-012170-	MEDICARE MATCHING	22,524	25,430	27,464	29,662	32,034	34,597	37,365	40,354	43,583	47,069	50,835
237 471 -268-536-012180-	CELL PHONE ALLOWANCE	600	618	637	656	675	696	716	738	760	783	806
238 471 -268-536-033140-	GENERAL & ADMINISTRATIVE EXP	167,133	172,147	177,311	182,631	188,110	193,753	199,566	205,553	211,719	218,071	224,613
239 471 -268-536-033190-	OTHER PROFESSIONAL SERVICES	17,750	23,683	24,393	25,125	25,879	26,655	27,455	28,279	29,127	30,001	30,901
240 471 -268-536-033470-	CONTRACTED LABOR SERVICES	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720
241 471 -268-536-033490-	OTHER CONTRACTUAL SERVICES	8,100	9,824	10,119	10,422	10,735	11,057	11,389	11,730	12,082	12,445	12,818
242 471 -268-536-034020-	ALL TRAVEL	5,789	6,674	6,874	7,080	7,293	7,512	7,737	7,969	8,208	8,454	8,708
243 471 -268-536-034110-	TELEPHONE	1,800	954	983	1,012	1,042	1,074	1,106	1,139	1,173	1,208	1,245
244 471 -268-536-034190-	OTHER COMMUNICATION SERVICES	8,000	7,740	7,972	8,211	8,458	8,711	8,973	9,242	9,519	9,805	10,099
245 471 -268-536-034210-	POSTAGE	500	1,025	1,056	1,087	1,120	1,154	1,188	1,224	1,261	1,298	1,337
246 471 -268-536-034330-	GARBAGE AND SOLID WASTE	34,300	36,215	38,026	39,927	41,923	44,020	46,221	48,532	50,958	53,506	56,181
247 471 -268-536-034390-	OTHER UTILITY SERVICES	6,000	9,100	9,555	10,033	10,534	11,061	11,614	12,195	12,805	13,445	14,117
248 471 -268-536-034450-	RENT-HEAVY EQUIPMENT	1,500	1,560	1,607	1,655	1,705	1,756	1,808	1,863	1,919	1,976	2,035
249 471 -268-536-034510-	AUTOMOTIVE INSURANCE	52,250	54,340	55,970	57,649	59,379	61,160	62,995	64,885	66,831	68,836	70,901
250 471 -268-536-034590-	OTHER INSURANCE	330,191	343,399	353,701	364,312	375,241	386,499	398,094	410,036	422,337	435,008	448,058
251 471 -268-536-034610-	MAINTENANCE - BUILDINGS	-	18,000	18,720	19,469	20,248	21,057	21,900	22,776	23,687	24,634	25,620
252 471 -268-536-034620-	MAINTENANCE - AIR CONDITIONING	3,600	3,744	3,894	4,050	4,211	4,380	4,555	4,737	4,927	5,124	5,329
253 471 -268-536-034640-	MAINTENANCE - AUTO EQUIPMENT	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220
254 471 -268-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	185,172	226,579	235,642	245,068	254,871	265,065	275,668	286,695	298,163	310,089	322,493
255 471 -268-536-034690-	MAINTENANCE - OTHER EQUIPMENT	10,000	14,900	15,496	16,116	16,760	17,431	18,128	18,853	19,607	20,392	21,207
256 471 -268-536-034720-	OUTSIDE PRINTING	2,000	3,960	4,079	4,201	4,327	4,457	4,591	4,728	4,870	5,016	5,167
257 471 -268-536-034910-	LEGAL ADS	500	215	221	228	235	242	249	257	264	272	281





# Projection of Cash Outflows

# Schedule 4

Account Code	Expense Line Item	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
258 471 -268-536-034970-	LICENSES AND PERMITS	600	618	637	656	675	696	716	738	760	783	806
259 471 -268-536-035120-	COMPUTER SOFTWARE	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668	13,048	13,439
260 471 -268-536-035130-	COMPUTER HARDWARE UPGRADE	1,172	1,453	1,497	1,541	1,588	1,635	1,684	1,735	1,781	1,841	1,896
261 471 -268-536-035210-	FUEL & LUBRICANTS	110,000	116,500	122,325	128,441	134,863	141,606	148,687	156,121	163,927	172,124	180,730
262 471 -268-536-035220-	TIRES & TUBES	18,000	17,720	18,252	18,799	19,363	19,944	20,542	21,159	21,793	22,447	23,121
263 471 -268-536-035240-	UNIFORMS & CLOTHING	14,800	17,144	17,658	18,188	18,734	19,296	19,875	20,471	21,085	21,718	22,369
264 471 -268-536-035260-	EXPENDABLE TOOLS	15,000	17,950	18,489	19,043	19,614	20,203	20,809	21,433	22,076	22,739	23,421
265 471 -268-536-035290-	OTHER OPERATING SUPPLIES	26,000	57,680	59,410	61,193	63,028	64,919	66,867	68,873	70,939	73,067	75,259
266 471 -268-536-035310-	PAVING MATERIAL	5,000	5,200	5,356	5,517	5,682	5,853	6,028	6,209	6,395	6,587	6,785
267 471 -268-536-035340-	LANDSCAPE MATERIALS & SUPPLIES	500	1,020	1,051	1,082	1,115	1,148	1,182	1,218	1,254	1,292	1,331
268 471 -268-536-035360-	TRAFFIC SIGNS	1,500	1,545	1,591	1,639	1,688	1,739	1,791	1,845	1,900	1,957	2,016
269 471 -268-536-035420-	DUES-MEMBERSHIPS	240	247	254	262	270	278	286	295	304	313	322
270 471 -268-536-035430-	TUITION/REGISTRATION FEE	8,400	8,002	8,242	8,489	8,744	9,006	9,277	9,555	9,841	10,137	10,441
271 471 -268-536-044320-	LIFT STATION ELECTRIC	462,000	485,100	509,355	534,823	561,564	589,642	619,124	650,080	682,584	716,714	752,549
272 471 -268-536-044670-	LIFT STATION MAINTENANCE	1,176,000	1,110,520	1,154,941	1,201,138	1,249,184	1,299,151	1,351,117	1,405,162	1,461,369	1,519,823	1,580,616
273 471 -268-536-044680-	SEWER MAIN MAINTENANCE	767,725	764,738	795,328	827,141	860,226	894,635	930,421	967,638	1,006,343	1,046,597	1,088,461
274 471 -268-536-044688-	OTHER MISC RENEWAL & REPLACEMN	450,000	450,000	468,000	486,720	506,189	526,436	547,494	569,394	592,169	615,856	640,490
275 471 -268-536-044699-	UTILITY RENEWAL & REPLACEMENT	340,429	400,000	416,000	432,640	449,946	467,943	486,661	506,128	526,373	547,428	569,325
276 471 -268-536-044699-19512	LIFT STATION REHABS	247,003	-	-	-	-	-	-	-	-	-	-
277 471 -268-536-044699-21520	LIFT STATION PUMP R&R	25,986	-	-	-	-	-	-	-	-	-	-
278 471 -268-536-044699-23552	UWHC 2024 - SEWER COLLECTION	43,000	-	-	-	-	-	-	-	-	-	-
279 471 -268-536-044710-	COMMUNICATION EQUIPMENT MAINT	2,500	2,600	2,678	2,758	2,841	2,926	3,014	3,105	3,198	3,294	3,392
280	<b>Wastewater Collection Subtotal</b>	<b>6,946,394</b>	<b>7,083,230</b>	<b>7,358,244</b>	<b>7,644,925</b>	<b>7,943,831</b>	<b>8,255,546</b>	<b>8,580,690</b>	<b>8,919,916</b>	<b>9,273,913</b>	<b>9,643,407</b>	<b>10,029,169</b>
<b>Water Distribution</b>												
281 471 -269-536-011120-	REGULAR SALARIES	1,516,404	1,785,122	1,838,676	1,893,836	1,950,651	2,009,171	2,069,446	2,131,529	2,195,475	2,261,339	2,329,179
282 471 -269-536-011140-	OVERTIME	216,000	239,863	247,059	254,471	262,105	269,968	278,067	286,409	295,001	303,851	312,967
283 471 -269-536-011150-	SPECIAL PAY	16,000	16,653	17,153	17,667	18,197	18,743	19,305	19,885	20,481	21,096	21,728
284 471 -269-536-012110-	SOCIAL SECURITY MATCHING	103,838	121,196	124,832	128,577	132,434	136,407	140,499	144,714	149,056	153,527	158,133
285 471 -269-536-012120-	RETIREMENT CONTRIBUTION	243,324	283,182	291,677	300,428	309,441	318,724	328,286	338,134	348,278	358,726	369,488
286 471 -269-536-012130-	INSURANCE	344,858	395,694	427,350	461,537	498,460	538,337	581,404	627,917	678,150	732,402	790,994
287 471 -269-536-012140-	WORKERS COMPENSATION	32,346	35,378	36,439	37,533	38,658	39,818	41,013	42,243	43,510	44,816	46,160
288 471 -269-536-012160-	OPEB CONTRIBUTION	11,368	12,885	13,272	13,670	14,080	14,502	14,937	15,385	15,847	16,322	16,812
289 471 -269-536-012170-	MEDICARE MATCHING	24,296	28,357	30,626	33,076	35,722	38,579	41,666	44,999	48,599	52,487	56,686
290 471 -269-536-012180-	CELL PHONE ALLOWANCE	1,200	1,236	1,273	1,311	1,351	1,391	1,433	1,476	1,520	1,566	1,613
291 471 -269-536-033140-	GENERAL & ADMINISTRATIVE EXP	176,277	181,565	187,012	192,622	198,401	204,353	210,484	216,798	223,302	230,001	236,901
292 471 -269-536-033190-	OTHER PROFESSIONAL SERVICES	189,216	208,581	814,838	239,284	246,462	253,856	261,472	269,316	277,395	285,717	294,289
293 471 -269-536-033410-	JANITORIAL SERVICES	24,000	24,720	25,462	26,225	27,012	27,823	28,657	29,517	30,402	31,315	32,254
294 471 -269-536-033470-	CONTRACTED LABOR SERVICES	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598
295 471 -269-536-033490-	OTHER CONTRACTUAL SERVICES	12,400	14,496	14,931	15,379	15,840	16,315	16,805	17,309	17,828	18,363	18,914
296 471 -269-536-034020-	ALL TRAVEL	5,560	6,778	6,981	7,191	7,407	7,629	7,858	8,093	8,336	8,586	8,844
297 471 -269-536-034110-	TELEPHONE	4,300	3,096	3,189	3,285	3,383	3,485	3,589	3,697	3,808	3,922	4,040
298 471 -269-536-034190-	OTHER COMMUNICATION SERVICES	4,500	4,635	4,774	4,917	5,065	5,217	5,373	5,534	5,700	5,871	6,048
299 471 -269-536-034210-	POSTAGE	500	515	530	546	563	580	597	615	633	652	672
300 471 -269-536-034330-	GARBAGE AND SOLID WASTE	11,298	5,890	6,185	6,494	6,818	7,159	7,517	7,893	8,288	8,702	9,137
301 471 -269-536-034390-	OTHER UTILITY SERVICES	6,000	8,800	9,064	9,336	9,616	9,904	10,202	10,508	10,823	11,148	11,482
302 471 -269-536-034450-	RENT-HEAVY EQUIPMENT	3,000	3,120	3,214	3,310	3,409	3,512	3,617	3,725	3,837	3,952	4,071
303 471 -269-536-034460-	FEC PAYMENTS	40,000	41,200	42,436	43,709	45,020	46,371	47,762	49,195	50,671	52,191	53,757
304 471 -269-536-034480-	RIGHT OF WAY PAYMENTS	19,000	19,570	20,157	20,762	21,385	22,026	22,687	23,368	24,069	24,791	25,534
305 471 -269-536-034510-	AUTOMOTIVE INSURANCE	59,850	62,244	64,111	66,035	68,016	70,056	72,158	74,323	76,552	78,849	81,214
306 471 -269-536-034590-	OTHER INSURANCE	330,191	343,399	353,701	364,312	375,241	386,499	398,094	410,036	422,337	435,008	448,058
307 471 -269-536-034610-	MAINTENANCE - BUILDINGS	2,000	4,080	4,243	4,413	4,589	4,773	4,964	5,163	5,369	5,584	5,807
308 471 -269-536-034620-	MAINTENANCE - AIR CONDITIONING	3,400	3,336	3,469	3,608	3,753	3,903	4,059	4,221	4,390	4,566	4,748
309 471 -269-536-034640-	MAINTENANCE - AUTO EQUIPMENT	9,000	9,360	9,734	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322
310 471 -269-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	148,000	179,120	186,285	193,736	201,486	209,545	217,927	226,644	235,710	245,138	254,944
311 471 -269-536-034690-	MAINTENANCE - OTHER EQUIPMENT	18,000	12,720	13,229	13,758	14,308	14,881	15,476	16,095	16,739	17,408	18,105
312 471 -269-536-034710-	INTERNAL PRINTING EXPENSES	2,700	3,781	3,894	4,011	4,132	4,256	4,383	4,515	4,650	4,790	4,933
313 471 -269-536-034720-	OUTSIDE PRINTING	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688
314 471 -269-536-034730-	MAINTENANCE-ALARM MONITORING	1,575	1,763	1,834	1,907	1,983	2,062	2,145	2,231	2,320	2,413	2,509
315 471 -269-536-034763-	MAINTENANCE-PEST CONTROL	400	416	428	441	455	468	482	497	512	527	543
316 471 -269-536-034910-	LEGAL ADS	200	206	212	219	225	232	239	246	253	261	269
317 471 -269-536-034970-	LICENSES AND PERMITS	200	1,706	1,757	1,810	1,864	1,920	1,978	2,037	2,098	2,161	2,226
318 471 -269-536-035110-	ALL OFFICE SUPPLIES	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688
319 471 -269-536-035120-	COMPUTER SOFTWARE	12,134	12,485	12,860	13,245	13,643	14,052	14,474	14,908	15,355	15,816	16,290
320 471 -269-536-035210-	FUEL & LUBRICANTS	150,200	157,710	165,596	173,875	182,569	191,697	201,282	211,346	221,914	233,009	244,660
321 471 -269-536-035220-	TIRES & TUBES	17,000	19,680	20,270	20,879	21,505	22,150	22,815	23,499	24,204	24,930	25,678
322 471 -269-536-035240-	UNIFORMS & CLOTHING	19,100	24,973	25,722	26,494	27,289	28,107	28,951	29,819	30,714	31,635	32,584



# Projection of Cash Outflows

# Schedule 4

Account Code	Expense Line Item	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
323 471 -269-536-035250-	INSTITUTIONAL SUPPLIES	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720
324 471 -269-536-035260-	EXPENDABLE TOOLS	22,500	25,400	26,162	26,947	27,755	28,588	29,446	30,329	31,239	32,176	33,141
325 471 -269-536-035290-	OTHER OPERATING SUPPLIES	53,025	49,571	51,058	52,590	54,168	55,793	57,466	59,190	60,966	62,795	64,679
326 471 -269-536-035310-	PAVING MATERIAL	165,000	181,600	187,048	192,659	198,439	204,392	210,524	216,840	223,345	230,045	236,947
327 471 -269-536-035340-	LANDSCAPE MATERIALS & SUPPLIES	14,000	24,960	25,709	26,480	27,274	28,093	28,935	29,804	30,698	31,619	32,567
328 471 -269-536-035360-	TRAFFIC SIGNS	2,000	2,080	2,142	2,207	2,273	2,341	2,411	2,484	2,558	2,635	2,714
329 471 -269-536-035420-	DUES-MEMBERSHIPS	840	874	900	927	955	984	1,013	1,044	1,075	1,107	1,140
330 471 -269-536-035430-	TUITION/REGISTRATION FEE	10,975	12,424	12,797	13,181	13,576	13,983	14,403	14,835	15,280	15,738	16,211
331 471 -269-536-044630-	WATER MAIN MAINTENANCE	1,500,000	1,477,800	1,536,912	1,598,388	1,662,324	1,728,817	1,797,970	1,869,888	1,944,684	2,022,471	2,103,370
332 471 -269-536-044640-	METER MAINTENANCE	400,000	546,000	567,840	590,554	614,176	638,743	664,292	690,864	718,499	747,239	777,128
333 471 -269-536-044660-	HYDRANTS AND VALVES MAINTENANC	400,000	436,800	454,272	472,443	491,341	510,994	531,434	552,691	574,799	597,791	621,703
334 471 -269-536-044688-	OTHER MISC RENEWAL & REPLACEMN	338,000	533,000	554,320	576,493	599,553	623,535	648,476	674,415	701,392	729,447	758,625
335 471 -269-536-044699-	UTILITY RENEWAL & REPLACEMENT	513,000	351,000	365,040	379,642	394,827	410,620	427,045	444,127	461,892	480,368	499,582
336 471 -269-536-044699-19552	WATER DIST LINE REPLACEMENTS	195,819	-	-	-	-	-	-	-	-	-	-
337 471 -269-536-044699-23551	UWHC 2024 - WATER DISTRIBUTION	24,000	-	-	-	-	-	-	-	-	-	-
338 471 -269-536-044710-	COMMUNICATION EQUIPMENT MAINT	2,500	2,600	2,678	2,758	2,841	2,926	3,014	3,105	3,198	3,294	3,392
339 471 -269-536-059100-	ATTRACTIVE ITEMS	2,400	2,696	2,777	2,860	2,946	3,034	3,125	3,219	3,316	3,415	3,518
340 471 -269-536-099940-	COMMISSIONS AND FEES	-	832	857	883	909	936	965	993	1,023	1,054	1,086
341	<b>Water Distribution Subtotal</b>	<b>7,457,694</b>	<b>7,962,168</b>	<b>8,861,057</b>	<b>8,590,195</b>	<b>8,914,690</b>	<b>9,252,616</b>	<b>9,604,606</b>	<b>9,971,325</b>	<b>10,353,477</b>	<b>10,751,804</b>	<b>11,167,089</b>
<b>Osprey Marsh</b>												
342 471 -282-536-011120-	REGULAR SALARIES	85,363	48,112	49,555	51,042	52,573	54,150	55,775	57,448	59,172	60,947	62,775
343 471 -282-536-011140-	OVERTIME	8,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219	5,376
344 471 -282-536-012110-	SOCIAL SECURITY MATCHING	5,768	3,330	3,430	3,533	3,639	3,748	3,860	3,976	4,095	4,218	4,345
345 471 -282-536-012120-	RETIREMENT CONTRIBUTION	12,670	7,764	7,997	8,237	8,484	8,738	9,001	9,271	9,549	9,835	10,130
346 471 -282-536-012130-	INSURANCE	17,956	9,841	10,628	11,479	12,397	13,389	14,460	15,616	16,866	18,215	19,672
347 471 -282-536-012140-	WORKERS COMPENSATION	1,905	906	933	961	990	1,020	1,050	1,082	1,114	1,148	1,182
348 471 -282-536-012160-	OPEB CONTRIBUTION	784	404	416	429	441	455	468	482	497	512	527
349 471 -282-536-012170-	MEDICARE MATCHING	1,350	780	842	910	983	1,061	1,146	1,238	1,337	1,444	1,559
350 471 -282-536-033140-	GENERAL & ADMINISTRATIVE EXP	9,398	9,680	9,970	10,270	10,578	10,895	11,222	11,558	11,905	12,262	12,630
351 471 -282-536-033190-	OTHER PROFESSIONAL SERVICES	45,000	46,800	48,204	49,650	51,140	52,674	54,254	55,882	57,558	59,285	61,063
352 471 -282-536-034020-	ALL TRAVEL	110	113	116	120	123	127	131	135	139	143	147
353 471 -282-536-034310-	ELECTRIC SERVICES	95,700	100,485	105,509	110,785	116,324	122,140	128,247	134,660	141,392	148,462	155,885
354 471 -282-536-034320-	WATER & SEWER SERVICES	250	263	271	279	287	296	305	314	323	333	343
355 471 -282-536-034330-	GARBAGE AND SOLID WASTE	30,600	32,130	33,737	35,423	37,194	39,054	41,007	43,057	45,210	47,471	49,844
356 471 -282-536-034610-	MAINTENANCE - BUILDINGS	500	520	536	552	568	585	603	621	640	659	678
357 471 -282-536-034620-	MAINTENANCE - AIR CONDITIONING	1,000	1,040	1,071	1,103	1,136	1,171	1,206	1,242	1,279	1,317	1,357
358 471 -282-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	15,000	15,600	16,224	16,873	17,548	18,250	18,980	19,739	20,529	21,350	22,204
359 471 -282-536-034690-	MAINTENANCE - OTHER EQUIPMENT	500	520	541	562	585	608	633	658	684	712	740
360 471 -282-536-034970-	LICENSES AND PERMITS	100	103	106	109	113	116	119	123	127	130	134
361 471 -282-536-035210-	FUEL & LUBRICANTS	1,000	12,550	13,178	13,836	14,528	15,255	16,017	16,818	17,659	18,542	19,469
362 471 -282-536-035220-	TIRES & TUBES	500	515	530	546	563	580	597	615	633	652	672
363 471 -282-536-035240-	UNIFORMS & CLOTHING	1,150	1,185	1,221	1,257	1,295	1,334	1,374	1,415	1,457	1,501	1,546
364 471 -282-536-035260-	EXPENDABLE TOOLS	250	258	266	274	282	290	299	308	317	327	337
365 471 -282-536-035340-	LANDSCAPE MATERIALS & SUPPLIES	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334	6,524	6,720
366 471 -282-536-035420-	DUES-MEMBERSHIPS	60	65	67	69	71	73	75	78	80	82	85
367 471 -282-536-035430-	TUITION/REGISTRATION FEE	700	735	757	780	803	827	852	878	904	931	959
368 471 -282-536-044610-	OSPREY MARSH MAINT	-	5,200	5,356	5,517	5,682	5,853	6,028	6,209	6,395	6,587	6,785
369 471 -282-536-044650-	PUMPING EQUIPMENT MAINTENANCE	64,250	57,641	59,947	62,345	64,838	67,432	70,129	72,934	75,852	78,886	82,041
370 471 -282-536-044688-	OTHER MISC RENEWAL & REPLACEMN	-	150,000	156,000	162,240	168,730	175,479	182,498	189,798	197,390	205,285	213,497
371	<b>Osprey Marsh Subtotal</b>	<b>404,864</b>	<b>515,810</b>	<b>536,956</b>	<b>559,014</b>	<b>582,025</b>	<b>606,033</b>	<b>631,083</b>	<b>657,223</b>	<b>684,505</b>	<b>712,980</b>	<b>742,704</b>
<b>Spoonbill Marsh</b>												
372 471 -292-536-033190-	OTHER PROFESSIONAL SERVICES	381,000	344,427	354,760	365,403	376,365	387,656	399,285	411,264	423,602	436,310	449,399
373 471 -292-536-034310-	ELECTRIC SERVICES	38,500	40,425	41,638	42,887	44,173	45,499	46,864	48,270	49,718	51,209	52,745
374 471 -292-536-034450-	RENT-HEAVY EQUIPMENT	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610	2,688
375 471 -292-536-034650-	MAINTENANCE-HEAVY EQUIPMENT	-	29,200	30,076	30,978	31,908	32,865	33,851	34,866	35,912	36,990	38,099
376 471 -292-536-034910-	LEGAL ADS	200	206	212	219	225	232	239	246	253	261	269
377 471 -292-536-034970-	LICENSES AND PERMITS	7,000	7,210	7,426	7,649	7,879	8,115	8,358	8,609	8,867	9,133	9,407
378 471 -292-536-035290-	OTHER OPERATING SUPPLIES	500	515	530	546	563	580	597	615	633	652	672
379 471 -292-536-035310-	PAVING MATERIAL	16,000	16,480	16,974	17,484	18,008	18,548	19,105	19,678	20,268	20,876	21,503
380 471 -292-536-044610-	SPOONBILL MARSH MAINTENANCE	-	2,080	2,142	2,207	2,273	2,341	2,411	2,484	2,558	2,635	2,714
381 471 -292-536-044640-	METER MAINTENANCE	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423	1,480
382 471 -292-536-044650-	PUMPING EQUIPMENT MAINTENANCE	114,000	118,560	123,302	128,234	133,364	138,698	144,246	150,016	156,017	162,258	168,748
383 471 -292-536-044688-	OTHER MISC RENEWAL & REPLACEMN	-	150,000	156,000	162,240	168,730	175,479	182,498	189,798	197,390	205,285	213,497
384	<b>Spoonbill Marsh Subtotal</b>	<b>560,200</b>	<b>712,203</b>	<b>736,265</b>	<b>761,157</b>	<b>786,908</b>	<b>813,547</b>	<b>841,108</b>	<b>869,621</b>	<b>899,121</b>	<b>929,642</b>	<b>961,221</b>



## Projection of Cash Outflows

## Schedule 4

Account Code	Expense Line Item	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
385	<b>Other Operating Expenses</b>											
386	Vehicles and Capital Equipment	2,000,000	2,060,000	2,121,800	2,185,454	2,251,018	2,318,548	2,388,105	2,459,748	2,533,540	2,609,546	2,687,833
387	<b>Other Operating Expenses Subtotal</b>	<b>2,000,000</b>	<b>2,060,000</b>	<b>2,121,800</b>	<b>2,185,454</b>	<b>2,251,018</b>	<b>2,318,548</b>	<b>2,388,105</b>	<b>2,459,748</b>	<b>2,533,540</b>	<b>2,609,546</b>	<b>2,687,833</b>
388	<b>Total Operating Expenses</b>	<b>\$ 43,872,006</b>	<b>\$ 50,804,331</b>	<b>\$ 51,821,921</b>	<b>\$ 51,709,026</b>	<b>\$ 53,619,422</b>	<b>\$ 55,681,823</b>	<b>\$ 57,831,357</b>	<b>\$ 60,072,171</b>	<b>\$ 62,408,630</b>	<b>\$ 64,845,342</b>	<b>\$ 67,387,164</b>
	<b>Total Expenses by Category</b>											
389	Personnel Services <sup>1</sup>	\$ 13,978,479	\$ 15,929,179	\$ 16,512,564	\$ 17,121,892	\$ 17,758,615	\$ 18,424,286	\$ 19,120,559	\$ 19,849,205	\$ 20,612,112	\$ 21,411,301	\$ 22,248,932
390	Variable Operations & Maintenance	6,390,060	7,066,199	7,418,331	7,788,034	8,176,186	8,583,708	9,011,567	9,460,780	9,932,412	10,427,584	10,947,471
391	Operations & Maintenance	21,503,467	25,748,954	25,769,226	24,613,646	25,433,603	26,355,281	27,311,126	28,302,438	29,330,566	30,396,911	31,502,929
392	Capital Outlay	2,000,000	2,060,000	2,121,800	2,185,454	2,251,018	2,318,548	2,388,105	2,459,748	2,533,540	2,609,546	2,687,833
393	<b>Total Expenses</b>	<b>\$ 43,872,006</b>	<b>\$ 50,804,331</b>	<b>\$ 51,821,921</b>	<b>\$ 51,709,026</b>	<b>\$ 53,619,422</b>	<b>\$ 55,681,823</b>	<b>\$ 57,831,357</b>	<b>\$ 60,072,171</b>	<b>\$ 62,408,630</b>	<b>\$ 64,845,342</b>	<b>\$ 67,387,164</b>
	<b>Expense Budget Execution Factors</b>											
394	Personnel Services	90%	91%	92%	93%	94%	95%	95%	95%	95%	95%	95%
395	Variable Operations & Maintenance	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
396	Operations & Maintenance	83%	86%	89%	92%	95%	95%	95%	95%	95%	95%	95%
397	Capital Outlay	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	<b>Total Expenses at Execution</b>											
398	Personnel Services <sup>1</sup>	\$ 12,580,631	\$ 14,495,552	\$ 15,191,559	\$ 15,923,359	\$ 16,693,098	\$ 17,503,071	\$ 18,164,531	\$ 18,856,745	\$ 19,581,507	\$ 20,340,736	\$ 21,136,485
399	Variable Operations & Maintenance	5,878,855	6,500,903	6,824,864	7,164,991	7,522,091	7,897,011	8,290,642	8,703,917	9,137,819	9,593,377	10,071,673
400	Operations & Maintenance	17,847,878	22,144,100	22,934,611	22,644,555	24,161,923	25,037,517	25,945,570	26,887,316	27,864,037	28,877,065	29,927,782
401	Capital Outlay	2,000,000	2,060,000	2,121,800	2,185,454	2,251,018	2,318,548	2,388,105	2,459,748	2,533,540	2,609,546	2,687,833
402	<b>Total Expenses at Execution</b>	<b>\$ 38,307,364</b>	<b>\$ 45,200,556</b>	<b>\$ 47,072,835</b>	<b>\$ 47,918,359</b>	<b>\$ 50,628,130</b>	<b>\$ 52,756,148</b>	<b>\$ 54,788,848</b>	<b>\$ 56,907,726</b>	<b>\$ 59,116,903</b>	<b>\$ 61,420,724</b>	<b>\$ 63,823,773</b>
	<b>Debt Service</b>											
403	New Debt Service	-	-	-	-	-	-	-	-	1,137,786	4,766,572	11,632,223
404	<b>Total Debt Service</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,137,786</b>	<b>\$ 4,766,572</b>	<b>\$ 11,632,223</b>
	<b>Cash-Funded Capital</b>											
405	PAYGO	\$ 17,369,824	\$ 10,110,568	\$ 12,719,721	\$ 7,970,779	\$ 6,483,295	\$ 16,387,455	\$ 17,582,055	\$ 18,911,430	\$ 55,216,174	\$ 35,122,979	\$ 37,561,130
406	<b>Total Cash-Funded Capital</b>	<b>\$ 17,369,824</b>	<b>\$ 10,110,568</b>	<b>\$ 12,719,721</b>	<b>\$ 7,970,779</b>	<b>\$ 6,483,295</b>	<b>\$ 16,387,455</b>	<b>\$ 17,582,055</b>	<b>\$ 18,911,430</b>	<b>\$ 55,216,174</b>	<b>\$ 35,122,979</b>	<b>\$ 37,561,130</b>
407	<b>Total Cash Outflows</b>	<b>\$ 55,677,187</b>	<b>\$ 55,311,124</b>	<b>\$ 59,792,556</b>	<b>\$ 55,889,138</b>	<b>\$ 57,111,425</b>	<b>\$ 69,143,603</b>	<b>\$ 72,370,903</b>	<b>\$ 75,819,156</b>	<b>\$ 115,470,863</b>	<b>\$ 101,310,275</b>	<b>\$ 113,017,126</b>

<sup>1</sup> FY 2025 personnel services budget shows a larger increase due to additional FTEs included.





## Cost Escalation Factors

## Schedule 5

Inflation Factor	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
Salaries & Wages	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Health Insurance	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Retirement	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Repair & Maintenance	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Fuel & Utilities	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Water ERUs Growth	1.63%	1.60%	1.58%	1.55%	1.53%	1.50%	1.48%	1.46%	1.44%
Chemicals	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Insurance	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Plant Maintenance	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Renewal & Replacement	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
No Escalation	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Default Inflation Factor	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%



## Capital Improvement Program (CIP)

## Schedule 6

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total Cost
1 Industrial Control System Network	\$ 827,250	\$ 531,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,358,250
2 Wellfield & Alternative Water Supply Evaluation (N7 Deepening)	377	-	-	-	-	-	-	-	-	-	-	\$ 377
3 Upper Floridan Aquifer South Well No.1 Replacement (S1R)	799,852	2,672,986	624,378	-	-	-	-	-	-	-	-	\$ 4,097,216
4 One Water (DPR) Pilot	1,000,000	1,000,000	-	-	-	-	-	-	-	-	-	\$ 2,000,000
5 Oslo WTP Improvements	5,193,994	-	-	-	-	-	-	-	-	-	-	\$ 5,193,994
6 Hobart WTP SCADA System Upgrades	758,256	-	-	-	-	-	-	-	-	-	-	\$ 758,256
7 Hobart WTP Post Filtration Improvements	50,000	300,000	3,000,000	2,000,000	-	-	-	-	-	-	-	\$ 5,350,000
8 Osprey Marsh Canal Intake Station Pump Replacements	270,000	-	-	-	-	-	-	-	-	-	-	\$ 270,000
9 Spoonbill Marsh River Intake Station Access Road & Electric Power	769,200	-	-	-	-	-	-	-	-	-	-	\$ 769,200
10 Hobart WTP Sulfuric Acid Skid Replacement	250,000	-	-	-	-	-	-	-	-	-	-	\$ 250,000
11 E Harbor Village Dr Bridge (Grand Harbor) WM Replacement	-	32,260	967,740	-	-	-	-	-	-	-	-	\$ 1,000,000
12 WM Interconnection (8"), Stony Point Dr at CR510 [DOT 405606-7]	250,000	-	-	-	-	-	-	-	-	-	-	\$ 250,000
13 51st Ct Bridge WM Interconnection (Waterway Village Looping)	176,011	-	-	-	-	-	-	-	-	-	-	\$ 176,011
14 LCRR Compliance	-	1,000,000	-	-	-	-	-	-	-	-	-	\$ 1,000,000
15 AC Pipe Replacement Program, Area 3 (6th to 12th St West of US 1)	282,877	3,007,500	2,971,050	1,305,330	-	-	-	-	-	-	-	\$ 7,566,757
16 S2S, North Sebastian Phase 2, Private	325,412	-	-	-	-	-	-	-	-	-	-	\$ 325,412
17 S2S, Floravon Shores, Public	-	642,375	-	-	-	-	-	-	-	-	-	\$ 642,375
18 S2S, West Wabasso Phase 3A, Public	1,012,527	-	-	-	-	-	-	-	-	-	-	\$ 1,012,527
19 S2S, West Wabasso Phase 3A, Private	142,600	-	-	-	-	-	-	-	-	-	-	\$ 142,600
20 North County 24-inch FM Replacement	1,829,521	-	-	-	-	-	-	-	-	-	-	\$ 1,829,521
21 LS 2137 (Vista #2) Rehabilitation	360,319	-	-	-	-	-	-	-	-	-	-	\$ 360,319
22 West RWTF Clarifiers 1 & 2 Rehabilitation	1,445,163	602,151	-	-	-	-	-	-	-	-	-	\$ 2,047,314
23 West RWTF Automatic Effluent Reject System	981,500	-	-	-	-	-	-	-	-	-	-	\$ 981,500
24 West RWTF Headworks Influent Piping Improvements (Debottleneck)	500,000	-	-	-	-	-	-	-	-	-	-	\$ 500,000
25 Central RWTF RAS/WAS Rehabilitation	8,367	-	-	-	-	-	-	-	-	-	-	\$ 8,367
26 Central RWTF Generator & ATS Replacement & Consolidation	1,414,733	825,261	-	-	-	-	-	-	-	-	-	\$ 2,239,994
27 Central RWTF Sludge Tank Odor Control Facility	1,493,740	-	-	-	-	-	-	-	-	-	-	\$ 1,493,740
28 Ixora Park Infrastructure Improvements	5,587,203	4,000,000	3,811,593	-	-	-	-	-	-	-	-	\$ 13,398,796
29 UCP 3626 - Venetian Grove WM Extension, 90th Av to 98th Av	360,000	1,040,000	1,000,000	-	-	-	-	-	-	-	-	\$ 2,400,000
30 UCP xxxx - 17th St Utilities Ext (Endrio Pt), 27th Av to 43rd Av	200,000	50,000	-	-	-	-	-	-	-	-	-	\$ 250,000
31 PW 1231 - 1st St FM Relocation, 32nd Av to 27th Av	-	253,000	-	-	-	-	-	-	-	-	-	\$ 253,000
32 PW 1505B - 66th Av Widening Ph.II, 69th St to 85th St	274,135	-	-	-	-	-	-	-	-	-	-	\$ 274,135
33 PW 1756 - 82nd Av Utilities Relocation at 26th St	300,000	-	-	-	-	-	-	-	-	-	-	\$ 300,000
34 PW 2001 - 37th Av & 11th Dr WM Relocation	300,000	-	-	-	-	-	-	-	-	-	-	\$ 300,000
35 DOT 405606-7-56-01 - CR-510 Widening Utilities Relocation	8,848,000	50,000	6,434,000	50,000	50,000	50,000	-	-	-	-	-	\$ 15,482,000
36 DOT 413048-2-52-01 - Oslo Rd/I-95 Interchange Utilities Relocation	65,825	-	-	-	-	-	-	-	-	-	-	\$ 65,825
37 DOT 431521-1-56-01 - Oslo Rd Widening, 58th Av to 82nd Av, Utilities Relocation	74,165	-	-	-	-	-	-	-	-	-	-	\$ 74,165
38 DOT 437717-1-52-01 - 8th St/CR-612 Utilities Relocation @ 74th Av Bridge	860,928	-	-	-	-	-	-	-	-	-	-	\$ 860,928
39 North County Inline Pump Station	10,000	-	-	-	-	-	-	-	-	-	-	\$ 10,000
40 Advanced Metering Infrastructure (AMI)	-	-	150,000	2,000,000	2,000,000	-	-	-	-	-	-	\$ 4,150,000
41 AC Pipe Replacement Program, Area 1 (Sebastian Highlands)	-	-	680,946	2,749,234	680,446	-	-	-	-	-	-	\$ 4,110,627
42 AC Pipe Replacement Program, Area 6 (Vero Beach Highlands)	-	-	-	-	2,068,788	-	-	-	-	-	-	\$ 2,068,788
43 Forest Park Sewer Rehabilitation	-	300,000	300,000	200,000	-	-	-	-	-	-	-	\$ 800,000
44 LS 088 South County Middle School Generator	-	100,000	-	-	-	-	-	-	-	-	-	\$ 100,000
45 Central Lift Stations SCADA Radio Polling Loop (4th Loop)	60,000	300,000	-	-	-	-	-	-	-	-	-	\$ 360,000
46 S2S, Hobart Landing Unit 2	210,000	3,100,000	1,090,000	-	-	-	-	-	-	-	-	\$ 4,400,000
47 S2S, Orchid Island No.2	350,000	3,342,500	3,342,500	2,865,000	-	-	-	-	-	-	-	\$ 9,900,000
48 S2S, Sebastian Highlands Unit 02 Collier	-	2,165,998	-	-	-	-	-	-	-	-	-	\$ 2,165,998
49 S2S, Sebastian Highlands Unit 05	-	7,763,236	10,551,126	4,356,511	-	-	-	-	-	-	-	\$ 22,670,872
50 S2S, Sebastian Highlands Unit 04	-	-	-	900,916	10,551,126	-	-	-	-	-	-	\$ 11,452,041
51 West RWTF SCADA System Upgrades	-	236,984	479,883	-	-	-	-	-	-	-	-	\$ 716,867
52 West RWTF Additional Wet Weather Disposal (243 Acres) [WRRW-3]	-	200,000	100,000	500,000	12,600,000	-	-	-	-	-	-	\$ 13,400,000
53 South RWTF Reuse Transmission Main 8" to 16" Upgrade [SRRW-2]	-	100,000	1,580,000	-	-	-	-	-	-	-	-	\$ 1,680,000
54 South RWTF 0.75 MG On-Site Storage Tank [SRRW-1]	-	-	350,000	2,039,000	2,039,000	-	-	-	-	-	-	\$ 4,428,000



**Capital Improvement Program (CIP)**
**Schedule 6**

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	Total Cost
55 Central Customers Backpressure Sustaining Valves [CRW-1]	-	252,000	-	-	-	-	-	-	-	-	-	\$ 252,000
56 Unspecified Projects <sup>1</sup>	-	-	-	-	-	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	\$ 120,000,000
57 Future Water Capacity Expansions <sup>2</sup>	-	-	-	-	-	-	-	-	50,000,000	50,000,000	50,000,000	\$ 150,000,000
58 Future Wastewater Capacity Expansions <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	50,000,000	\$ 50,000,000
59 <b>Total CIP (in current dollars)</b>	<b>\$ 37,641,956</b>	<b>\$ 33,867,251</b>	<b>\$ 37,433,216</b>	<b>\$ 18,965,991</b>	<b>\$ 29,989,360</b>	<b>\$ 20,050,000</b>	<b>\$ 20,000,000</b>	<b>\$ 20,000,000</b>	<b>\$ 70,000,000</b>	<b>\$ 70,000,000</b>	<b>\$ 120,000,000</b>	<b>\$ 477,947,773</b>
60 Cumulative Projected Cost Escalation	0.0%	5.0%	10.3%	15.8%	21.6%	27.6%	34.0%	40.7%	47.7%	55.1%	62.9%	
61 <b>Total CIP (in future dollars)</b>	<b>\$ 37,641,956</b>	<b>\$ 35,560,613</b>	<b>\$ 41,270,120</b>	<b>\$ 21,955,506</b>	<b>\$ 36,452,254</b>	<b>\$ 25,589,445</b>	<b>\$ 26,801,913</b>	<b>\$ 28,142,008</b>	<b>\$ 103,421,881</b>	<b>\$ 108,592,975</b>	<b>\$ 195,467,355</b>	<b>\$ 660,896,027</b>
62 Annual Project Funding Assumption <sup>3</sup>	70%	72%	74%	76%	78%	80%	82%	84%	86%	88%	90%	
63 <b>Final CIP Funding Level</b>	<b>\$ 26,349,369</b>	<b>\$ 25,603,642</b>	<b>\$ 30,539,889</b>	<b>\$ 16,686,184</b>	<b>\$ 28,432,759</b>	<b>\$ 20,471,556</b>	<b>\$ 21,977,569</b>	<b>\$ 23,639,287</b>	<b>\$ 99,285,006</b>	<b>\$ 104,869,787</b>	<b>\$ 192,209,566</b>	<b>\$ 590,064,613</b>

<sup>1</sup> \$20 million of unspecified projects in FY 2029 through FY 2034, to represent future projects, after the fiscal years provided by Staff.

<sup>2</sup> Represents future capacity expansions for both Water and Wastewater.

<sup>3</sup> Applies to all projects except future water and wastewater capacity expansions, which are included at 100% of the costs shown.



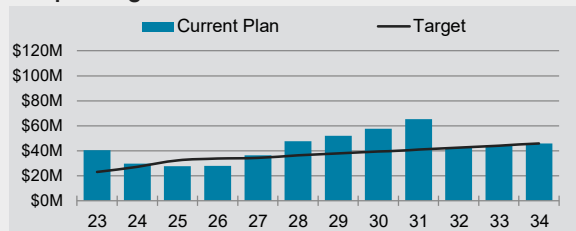


## IRC DEPARTMENT OF UTILITY SERVICES

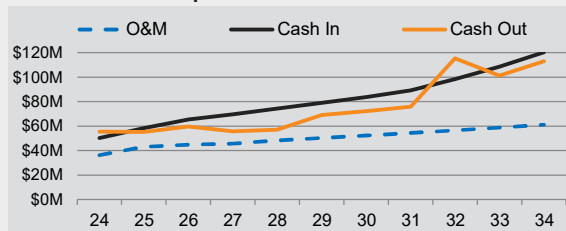


	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2029	FY 2034
												<b>Cumulative</b>	
Water Rate Plan	0.00%	12.00%	12.00%	5.00%	5.00%	5.00%	5.00%	5.00%	10.00%	10.00%	10.00%	45.17%	113.08%
Sewer Rate Plan	0.00%	24.00%	12.00%	5.00%	5.00%	5.00%	5.00%	5.00%	10.00%	10.00%	10.00%	60.80%	135.98%
Reclaimed Rate Plan	0.00%	24.00%	12.00%	5.00%	5.00%	5.00%	5.00%	5.00%	10.00%	10.00%	10.00%	<b>Scenario Manager</b>	
Senior-Lien DSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.45	9.20	4.58		
All-In DSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.45	9.20	4.58		
Total Single Family Bill (4 kgal)	\$50.67	\$60.44	\$67.70	\$71.11	\$74.69	\$78.42	\$82.33	\$86.43	\$95.08	\$104.57	\$115.06		
Change (\$)		\$9.77	\$7.26	\$3.41	\$3.58	\$3.73	\$3.91	\$4.10	\$8.65	\$9.49	\$10.49		

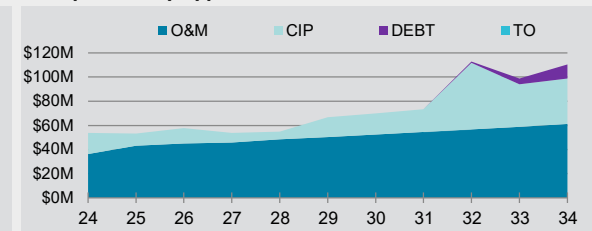
Operating Fund



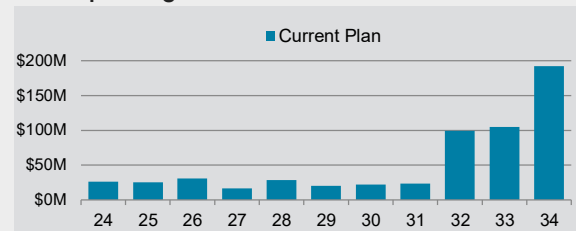
Revenues vs. Expenses



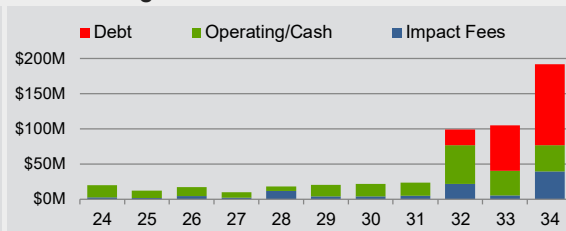
Expenses by Type



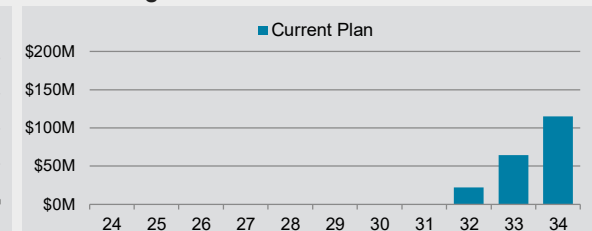
CIP Spending



CIP Funding



Borrowing



Note: Plan reflects additional capacity projects of \$150 million for Water in FY 2032 through FY 2034 and \$50 million for Sewer in FY 2034.



## Pro Forma

## Schedule 8

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
<b>Operating Revenue</b>											
1 Water, Sewer And Reclaimed Rate Revenue	\$ 40,818,455	\$ 40,818,455	\$ 48,921,475	\$ 55,907,995	\$ 59,875,135	\$ 64,099,218	\$ 68,596,022	\$ 73,382,259	\$ 78,475,629	\$ 87,889,875	\$ 98,402,213
2 Change in Revenue From Growth	-	839,409	996,377	1,115,943	1,171,740	1,230,327	1,291,843	1,356,435	1,424,257	1,566,683	1,723,351
3 Subtotal	\$ 40,818,455	\$ 41,657,864	\$ 49,917,853	\$ 57,023,938	\$ 61,046,875	\$ 65,329,545	\$ 69,887,866	\$ 74,738,694	\$ 79,899,886	\$ 89,456,558	\$ 100,125,565
4 Weighted Average Rate Increase	0.00%	17.44%	12.00%	5.00%	5.00%	5.00%	5.00%	5.00%	10.00%	10.00%	10.00%
5 Additional Rate Revenue From Rate Increase	-	7,263,611	5,990,142	2,851,197	3,052,344	3,266,477	3,494,393	3,736,935	7,989,989	8,945,656	10,012,556
6 Total Rate Revenue	\$ 40,818,455	\$ 48,921,475	\$ 55,907,995	\$ 59,875,135	\$ 64,099,218	\$ 68,596,022	\$ 73,382,259	\$ 78,475,629	\$ 87,889,875	\$ 98,402,213	\$ 110,138,121
7 Plus: Other Operating Revenue	2,763,250	3,396,481	3,396,481	3,396,481	3,396,481	3,396,481	3,396,481	3,396,481	3,396,481	3,396,481	3,396,481
8 <b>Equals: Total Operating Revenue</b>	<b>\$ 43,581,705</b>	<b>\$ 52,317,957</b>	<b>\$ 59,304,476</b>	<b>\$ 63,271,616</b>	<b>\$ 67,495,700</b>	<b>\$ 71,992,504</b>	<b>\$ 76,778,740</b>	<b>\$ 81,872,110</b>	<b>\$ 91,286,356</b>	<b>\$ 101,798,695</b>	<b>\$ 113,534,602</b>
<b>Less: Operating Expenses</b>											
9 Personnel Services	\$ (12,580,631)	\$ (14,495,552)	\$ (15,191,559)	\$ (15,923,359)	\$ (16,693,098)	\$ (17,503,071)	\$ (18,164,531)	\$ (18,856,745)	\$ (19,581,507)	\$ (20,340,736)	\$ (21,136,485)
10 Variable Operations & Maintenance	(5,878,855)	(6,500,903)	(6,824,864)	(7,164,991)	(7,522,091)	(7,897,011)	(8,290,642)	(8,703,917)	(9,137,819)	(9,593,377)	(10,071,673)
11 Other Operations & Maintenance	(17,847,878)	(22,144,100)	(22,934,611)	(22,644,555)	(24,161,923)	(25,037,517)	(25,945,570)	(26,887,316)	(27,864,037)	(28,877,065)	(29,927,782)
12 <b>Equals: Net Operating Income</b>	<b>\$ 7,274,341</b>	<b>\$ 9,177,401</b>	<b>\$ 14,353,442</b>	<b>\$ 17,538,711</b>	<b>\$ 19,118,588</b>	<b>\$ 21,554,904</b>	<b>\$ 24,377,997</b>	<b>\$ 27,424,132</b>	<b>\$ 34,702,993</b>	<b>\$ 42,987,517</b>	<b>\$ 52,398,662</b>
<b>Plus: Non-Operating Income/(Expense)</b>											
13 Interest Income	\$ 963,299	\$ 714,253	\$ 624,438	\$ 641,895	\$ 839,769	\$ 996,009	\$ 1,095,206	\$ 1,228,944	\$ 1,076,751	\$ 865,459	\$ 899,603
14 Water Impact Fees	1,625,000	1,828,125	2,031,250	2,234,375	2,437,500	2,437,500	2,437,500	2,437,500	2,437,500	2,437,500	2,437,500
15 Sewer Impact Fees	3,774,600	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739
16 Transfers In	242,941	250,229	257,736	265,468	273,432	281,635	290,084	298,787	307,750	316,983	326,492
17 <b>Equals: Net Income</b>	<b>\$ 13,880,181</b>	<b>\$ 15,212,747</b>	<b>\$ 20,509,605</b>	<b>\$ 23,923,189</b>	<b>\$ 25,912,028</b>	<b>\$ 28,512,788</b>	<b>\$ 31,443,526</b>	<b>\$ 34,632,102</b>	<b>\$ 41,767,733</b>	<b>\$ 49,850,198</b>	<b>\$ 59,304,997</b>
<b>Less: Revenues Excluded From Coverage Test</b>											
18 Impact Fees	\$ (5,399,600)	\$ (5,070,864)	\$ (5,273,989)	\$ (5,477,114)	\$ (5,680,239)	\$ (5,680,239)	\$ (5,680,239)	\$ (5,680,239)	\$ (5,680,239)	\$ (5,680,239)	\$ (5,680,239)
19 Transfers In	(242,941)	(250,229)	(257,736)	(265,468)	(273,432)	(281,635)	(290,084)	(298,787)	(307,750)	(316,983)	(326,492)
20 <b>Equals: Net Income Available For Debt Service</b>	<b>\$ 8,237,640</b>	<b>\$ 9,891,653</b>	<b>\$ 14,977,880</b>	<b>\$ 18,180,607</b>	<b>\$ 19,958,356</b>	<b>\$ 22,550,913</b>	<b>\$ 25,473,203</b>	<b>\$ 28,653,076</b>	<b>\$ 35,779,744</b>	<b>\$ 43,852,976</b>	<b>\$ 53,298,265</b>
<b>Senior Lien Debt Service Coverage Test</b>											
21 Net Income Available for Senior-Lien Debt Service	\$ 8,237,640	\$ 9,891,653	\$ 14,977,880	\$ 18,180,607	\$ 19,958,356	\$ 22,550,913	\$ 25,473,203	\$ 28,653,076	\$ 35,779,744	\$ 43,852,976	\$ 53,298,265
22 Existing Senior-Lien Debt	-	-	-	-	-	-	-	-	-	-	-
23 Cumulative New Senior Lien Debt Service (calculated)	-	-	-	-	-	-	-	-	1,137,786	4,766,572	11,632,223
24 <b>Total Annual Senior-Lien Debt Service</b>	<b>Tar. \$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,137,786</b>	<b>\$ 4,766,572</b>	<b>\$ 11,632,223</b>
25 <b>Calculated Senior-Lien Debt Service Coverage</b>	<b>2.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31.45</b>	<b>9.20</b>	<b>4.58</b>
<b>Cash Flow Test</b>											
26 Net Income Available For Debt Service	\$ 8,237,640	\$ 9,891,653	\$ 14,977,880	\$ 18,180,607	\$ 19,958,356	\$ 22,550,913	\$ 25,473,203	\$ 28,653,076	\$ 35,779,744	\$ 43,852,976	\$ 53,298,265
<b>Less: Non-Operating Expenditures</b>											
27 Net Interfund Transfers (In - Out)	242,941	250,229	257,736	265,468	273,432	281,635	290,084	298,787	307,750	316,983	326,492
28 Net Debt Service Payment	-	-	-	-	-	-	-	-	(1,137,786)	(4,766,572)	(11,632,223)
29 Capital Outlay	(2,000,000)	(2,060,000)	(2,121,800)	(2,185,454)	(2,251,018)	(2,318,548)	(2,388,105)	(2,459,748)	(2,533,540)	(2,609,546)	(2,687,833)
30 <b>Net Cash Flow</b>	<b>\$ 6,480,581</b>	<b>\$ 8,081,882</b>	<b>\$ 13,113,816</b>	<b>\$ 16,260,621</b>	<b>\$ 17,980,771</b>	<b>\$ 20,514,000</b>	<b>\$ 23,375,182</b>	<b>\$ 26,492,115</b>	<b>\$ 32,416,168</b>	<b>\$ 36,793,840</b>	<b>\$ 39,304,702</b>
<b>Unrestricted Reserve Fund Test</b>											
31 Balance At Beginning Of Fiscal Year	\$ 40,473,687	\$ 29,584,444	\$ 27,555,759	\$ 27,949,854	\$ 36,239,695	\$ 47,737,171	\$ 51,863,716	\$ 57,656,843	\$ 65,237,529	\$ 42,437,522	\$ 44,108,384
32 Cash Flow Surplus/(Deficit)	6,480,581	8,081,882	13,113,816	16,260,621	17,980,771	20,514,000	23,375,182	26,492,115	32,416,168	36,793,840	39,304,702
33 Reserve Fund Balance Used For Cash Flow Deficit	-	-	-	-	-	-	-	-	-	-	-
34 Projects Designated To Be Paid With Cash	-	(10,110,568)	(12,719,721)	-	-	-	-	-	-	-	-
35 Projects Paid With Non Specified Funds	(17,369,824)	-	-	(7,970,779)	(6,483,295)	(16,387,455)	(17,582,055)	(18,911,430)	(55,216,174)	(35,122,979)	(37,561,130)
36 <b>Balance At End Of Fiscal Year</b>	<b>\$ 29,584,444</b>	<b>\$ 27,555,759</b>	<b>\$ 27,949,854</b>	<b>\$ 36,239,695</b>	<b>\$ 47,737,171</b>	<b>\$ 51,863,716</b>	<b>\$ 57,656,843</b>	<b>\$ 65,237,529</b>	<b>\$ 42,437,522</b>	<b>\$ 44,108,384</b>	<b>\$ 45,851,955</b>
37 Minimum Working Capital Reserve Target	27,230,523	32,355,417	33,713,276	34,299,679	36,282,834	37,828,200	39,300,557	40,835,984	42,437,522	44,108,384	45,851,955
38 <b>Excess/(Deficiency) Of Working Capital To Target</b>	<b>\$ 2,353,921</b>	<b>\$ (4,799,658)</b>	<b>\$ (5,763,422)</b>	<b>\$ 1,940,016</b>	<b>\$ 11,454,337</b>	<b>\$ 14,035,516</b>	<b>\$ 18,356,286</b>	<b>\$ 24,401,545</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
39 <b>O&amp;M Operating Reserve (Months)</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>



## Capital Project Funding Summary

## Schedule 9

Final Capital Projects Funding Sources	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
Water Impact Fees	\$ 1,080,039	\$ 1,787,940	\$ 3,263,400	\$ 1,759,590	\$ -	\$ 2,042,051	\$ 2,197,757	\$ 2,363,929	\$ 19,227,000	\$ 2,605,395	\$ 2,439,179
Sewer Impact Fees	1,697,804	245,700	1,370,628	439,898	11,945,995	2,042,051	2,197,757	2,363,929	2,541,223	2,730,338	37,032,068
Grants/External	6,201,702	13,459,434	13,186,140	6,515,917	10,003,468	-	-	-	-	-	-
PAYGO	17,369,824	10,110,568	12,719,721	7,970,779	6,483,295	16,387,455	17,582,055	18,911,430	55,216,174	35,122,979	37,561,130
Senior-Lien Debt Proceeds	-	-	-	-	-	-	-	-	22,300,608	64,411,076	115,177,189
<b>Total Projects Paid</b>	<b>\$ 26,349,369</b>	<b>\$ 25,603,642</b>	<b>\$ 30,539,889</b>	<b>\$ 16,686,184</b>	<b>\$ 28,432,759</b>	<b>\$ 20,471,556</b>	<b>\$ 21,977,569</b>	<b>\$ 23,639,287</b>	<b>\$ 99,285,006</b>	<b>\$ 104,869,787</b>	<b>\$ 192,209,566</b>



## Funding Summary by Fund

## Schedule 10

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
<b>Water Impact Fees</b>											
Balance At Beginning Of Fiscal Year	\$ 11,448,206	\$ 12,315,486	\$ 12,664,060	\$ 11,702,990	\$ 12,416,582	\$ 15,126,789	\$ 15,828,729	\$ 16,387,444	\$ 16,789,500	\$ 167,895	\$ 1,679
Annual Revenues	1,625,000	1,828,125	2,031,250	2,234,375	2,437,500	2,437,500	2,437,500	2,437,500	2,437,500	2,437,500	2,437,500
Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
Total Amount Available For Projects	\$ 13,073,206	\$ 14,143,611	\$ 14,695,310	\$ 13,937,365	\$ 14,854,082	\$ 17,564,289	\$ 18,266,229	\$ 18,824,944	\$ 19,227,000	\$ 2,605,395	\$ 2,439,179
Amount Paid For Projects	(1,080,039)	(1,787,940)	(3,263,400)	(1,759,590)	-	(2,042,051)	(2,197,757)	(2,363,929)	(19,227,000)	(2,605,395)	(2,439,179)
Subtotal	\$ 11,993,167	\$ 12,355,671	\$ 11,431,910	\$ 12,177,775	\$ 14,854,082	\$ 15,522,239	\$ 16,068,472	\$ 16,461,015	\$ -	\$ -	\$ -
Add Back: Restricted Funds	-	-	-	-	-	-	-	-	-	-	-
Plus: Interest Earnings	322,319	308,389	271,080	238,808	272,707	306,490	318,972	328,485	167,895	1,679	17
Less: Interest Allocated To Cash Flow	-	-	-	-	-	-	-	-	-	-	-
<b>Balance At End Of Fiscal Year</b>	<b>\$ 12,315,486</b>	<b>\$ 12,664,060</b>	<b>\$ 11,702,990</b>	<b>\$ 12,416,582</b>	<b>\$ 15,126,789</b>	<b>\$ 15,828,729</b>	<b>\$ 16,387,444</b>	<b>\$ 16,789,500</b>	<b>\$ 167,895</b>	<b>\$ 1,679</b>	<b>\$ 17</b>
<b>Sewer Impact Fees</b>											
Balance At Beginning Of Fiscal Year	\$ 22,180,024	\$ 24,895,326	\$ 28,552,211	\$ 31,087,809	\$ 34,540,435	\$ 26,440,955	\$ 28,182,469	\$ 29,801,551	\$ 31,285,180	\$ 32,619,415	\$ 33,789,329
Annual Revenues	3,774,600	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739	3,242,739
Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
Total Amount Available For Projects	\$ 25,954,624	\$ 28,138,065	\$ 31,794,951	\$ 34,330,548	\$ 37,783,174	\$ 29,683,694	\$ 31,425,208	\$ 33,044,290	\$ 34,527,919	\$ 35,862,154	\$ 37,032,068
Amount Paid For Projects	(1,697,804)	(245,700)	(1,370,628)	(439,898)	(11,945,995)	(2,042,051)	(2,197,757)	(2,363,929)	(2,541,223)	(2,730,338)	(37,032,068)
Subtotal	\$ 24,256,819	\$ 27,892,365	\$ 30,424,323	\$ 33,890,650	\$ 25,837,178	\$ 27,641,643	\$ 29,227,452	\$ 30,680,361	\$ 31,986,696	\$ 33,131,816	\$ -
Add Back: Restricted Funds	-	-	-	-	-	-	-	-	-	-	-
Plus: Interest Earnings	638,507	659,846	663,486	649,785	603,776	540,826	574,099	604,819	632,719	657,512	337,893
Less: Interest Allocated To Cash Flow	-	-	-	-	-	-	-	-	-	-	-
<b>Balance At End Of Fiscal Year</b>	<b>\$ 24,895,326</b>	<b>\$ 28,552,211</b>	<b>\$ 31,087,809</b>	<b>\$ 34,540,435</b>	<b>\$ 26,440,955</b>	<b>\$ 28,182,469</b>	<b>\$ 29,801,551</b>	<b>\$ 31,285,180</b>	<b>\$ 32,619,415</b>	<b>\$ 33,789,329</b>	<b>\$ 337,893</b>
<b>Grants/External</b>											
Balance At Beginning Of Fiscal Year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Revenues	6,201,702	13,459,434	13,186,140	6,515,917	10,003,468	-	-	-	-	-	-
Total Amount Available For Projects	\$ 6,201,702	\$ 13,459,434	\$ 13,186,140	\$ 6,515,917	\$ 10,003,468	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amount Paid For Projects	(6,201,702)	(13,459,434)	(13,186,140)	(6,515,917)	(10,003,468)	-	-	-	-	-	-
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Add Back: Restricted Funds	-	-	-	-	-	-	-	-	-	-	-
Plus: Interest Earnings	-	-	-	-	-	-	-	-	-	-	-
Less: Interest Allocated To Cash Flow	-	-	-	-	-	-	-	-	-	-	-
<b>Balance At End Of Fiscal Year</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Operating Fund</b>											
Balance At Beginning Of Fiscal Year	\$ 40,473,687	\$ 29,584,444	\$ 27,555,759	\$ 27,949,854	\$ 36,239,695	\$ 47,737,171	\$ 51,863,716	\$ 57,656,843	\$ 65,237,529	\$ 42,437,522	\$ 44,108,384
Net Cash Flow	6,480,581	8,081,882	13,113,816	16,260,621	17,980,771	20,514,000	23,375,182	26,492,115	32,416,168	36,793,840	39,304,702
Less: Cash-Funded Capital Projects	-	(10,110,568)	(12,719,721)	-	-	-	-	-	-	-	-
Subtotal	\$ 46,954,268	\$ 27,555,759	\$ 27,949,854	\$ 44,210,474	\$ 54,220,466	\$ 68,251,171	\$ 75,238,898	\$ 84,148,958	\$ 97,653,696	\$ 79,231,363	\$ 83,413,085
Less: Restricted Funds	(27,230,523)	(27,555,759)	(27,949,854)	(34,299,679)	(36,282,834)	(37,828,200)	(39,300,557)	(40,835,984)	(42,437,522)	(44,108,384)	(45,851,955)
Total Amount Available For Projects	\$ 19,723,745	\$ -	\$ -	\$ 9,910,796	\$ 17,937,632	\$ 30,422,972	\$ 35,938,341	\$ 43,312,975	\$ 55,216,174	\$ 35,122,979	\$ 37,561,130
Amount Paid For Projects	(17,369,824)	-	-	(7,970,779)	(6,483,295)	(16,387,455)	(17,582,055)	(18,911,430)	(55,216,174)	(35,122,979)	(37,561,130)
Subtotal	\$ 2,353,921	\$ -	\$ -	\$ 1,940,016	\$ 11,454,337	\$ 14,035,516	\$ 18,356,286	\$ 24,401,545	\$ -	\$ -	\$ -
Add Back: Restricted Funds	27,230,523	27,555,759	27,949,854	34,299,679	36,282,834	37,828,200	39,300,557	40,835,984	42,437,522	44,108,384	45,851,955
Plus: Interest Earnings	963,299	714,253	624,438	641,895	839,769	996,009	1,095,206	1,228,944	1,076,751	865,459	899,603
Less: Interest Allocated To Cash Flow	(963,299)	(714,253)	(624,438)	(641,895)	(839,769)	(996,009)	(1,095,206)	(1,228,944)	(1,076,751)	(865,459)	(899,603)
<b>Balance At End Of Fiscal Year</b>	<b>\$ 29,584,444</b>	<b>\$ 27,555,759</b>	<b>\$ 27,949,854</b>	<b>\$ 36,239,695</b>	<b>\$ 47,737,171</b>	<b>\$ 51,863,716</b>	<b>\$ 57,656,843</b>	<b>\$ 65,237,529</b>	<b>\$ 42,437,522</b>	<b>\$ 44,108,384</b>	<b>\$ 45,851,955</b>



## Funding Summary by Fund

## Schedule 10

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
<b>Restricted Reserves</b>											
Balance At Beginning Of Fiscal Year	\$ 248,922	\$ 255,767	\$ 262,161	\$ 268,060	\$ 273,421	\$ 278,890	\$ 284,467	\$ 290,157	\$ 295,960	\$ 301,879	\$ 307,917
Additional Funds:	-	-	-	-	-	-	-	-	-	-	-
Debt Service Reserve On New Debt	-	-	-	-	-	-	-	-	-	-	-
Other Additional Funds	-	-	-	-	-	-	-	-	-	-	-
Subtotal	\$ 248,922	\$ 255,767	\$ 262,161	\$ 268,060	\$ 273,421	\$ 278,890	\$ 284,467	\$ 290,157	\$ 295,960	\$ 301,879	\$ 307,917
Plus: Interest Earnings	6,845	6,394	5,899	5,361	5,468	5,578	5,689	5,803	5,919	6,038	6,158
Less: Interest Allocated To Cash Flow	-	-	-	-	-	-	-	-	-	-	-
<b>Balance At End Of Fiscal Year</b>	<b>\$ 255,767</b>	<b>\$ 262,161</b>	<b>\$ 268,060</b>	<b>\$ 273,421</b>	<b>\$ 278,890</b>	<b>\$ 284,467</b>	<b>\$ 290,157</b>	<b>\$ 295,960</b>	<b>\$ 301,879</b>	<b>\$ 307,917</b>	<b>\$ 314,075</b>





## Senior Lien Borrowing Projections

## Schedule 11

	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
Term (Years)	30	30	30	30	30	30	30	30	30	30	30
Interest Rate	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
<b>Sources of Funds</b>											
Par Amount	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,755,723	\$ 65,725,587	\$ 117,527,744
<b>Uses of Funds</b>											
Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,300,608	\$ 64,411,076	\$ 115,177,189
Cost of Issuance	2.00% of Par	-	-	-	-	-	-	-	455,114	1,314,512	2,350,555
Debt Service Reserve	0 Year(s) of Debt Service	-	-	-	-	-	-	-	-	-	-
Total Uses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,755,723	\$ 65,725,587	\$ 117,527,744
1 Year Interest	-	-	-	-	-	-	-	-	1,137,786	3,286,279	5,876,387
Annual Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,480,292	\$ 4,275,544	\$ 7,645,348
Total Debt Service	-	-	-	-	-	-	-	-	44,408,773	128,266,313	229,360,452
<b>Cumulative New Annual Senior Lien Debt Service<sup>1</sup></b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,137,786</b>	<b>\$ 4,766,572</b>	<b>\$ 11,632,223</b>

<sup>1</sup>Reflects interest-only payment due in year of issuance.



## Subordinate Borrowing Projections

## Schedule 12

		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034
Term (Years)		20	20	20	20	20	20	20	20	20	20	20
Interest Rate		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
<b>Sources of Funds</b>												
Par Amount		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Uses of Funds</b>												
Proceeds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cost of Issuance	0.00% of Par	-	-	-	-	-	-	-	-	-	-	-
Loan Repayment Res.	0.00% of Capital Cost	-	-	-	-	-	-	-	-	-	-	-
Loan Service Fee	2.00% of Capital Cost	-	-	-	-	-	-	-	-	-	-	-
Capitalized Interest	0 Years Interest	-	-	-	-	-	-	-	-	-	-	-
Debt Service Reserve	0 Year(s) of Debt Service	-	-	-	-	-	-	-	-	-	-	-
Other Costs		-	-	-	-	-	-	-	-	-	-	-
Total Uses		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1 Year Interest		-	-	-	-	-	-	-	-	-	-	-
Annual Debt Service		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Debt Service		-	-	-	-	-	-	-	-	-	-	-
<b>Cumulative New Annual Subordinate Debt Service</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



## APPENDIX B: COST OF SERVICE

Schedule 1	Water, Sewer, Reclaimed System Revenues
Schedule 2	Cost Allocation Criteria
Schedule 3	Test Year Expense Allocation Between Systems
Schedule 4	Water System Allocation to Functions
Schedule 5	Sewer System Allocation to Functions
Schedule 6	Cost Allocation Summary Table
Schedule 7	Bulk Water Rates
Schedule 8	Bulk Sewer Rates
Schedule 9	Fire Protection Rates
Schedule 10	Reclaimed Water Rates
Schedule 11	Septage and Sludge Rates



# Water, Sewer, Reclaimed System Revenues

# Schedule 1

Description	FY 2025 RSA	Adj.	TY Rev	Allocation							
				Basis/Factor	% Allocation	% Allocation	% Allocation	% Allocation	\$ Allocation	\$ Allocation	\$ Allocation
Water Base Rate Revenue	\$ 9,243,456		\$ 9,243,456	Water	100.00%	0.00%	0.00%	100.00%	\$ 9,243,456	\$ -	\$ -
Water Usage Rate Revenue	16,276,454		16,276,454	Water	100.00%	0.00%	0.00%	100.00%	16,276,454	-	-
Sewer Base Rate Revenue	13,703,057		13,703,057	Sewer	0.00%	100.00%	0.00%	100.00%	-	13,703,057	-
Sewer Usage Rate Revenue	9,677,551		9,677,551	Sewer	0.00%	100.00%	0.00%	100.00%	-	9,677,551	-
Reclaimed Usage Rate Revenue	20,958		20,958	Reclaimed	0.00%	100.00%	0.00%	100.00%	-	20,958	-
Meter Installation	500,000		500,000	Water	100.00%	0.00%	0.00%	100.00%	500,000	-	-
Water Tap Fees	325,404		325,404	Water	100.00%	0.00%	0.00%	100.00%	325,404	-	-
Septage/Sludge Disposal	675,000		675,000	Sewer	0.00%	100.00%	0.00%	100.00%	-	675,000	-
Grease Disposal	30,000		30,000	Sewer	0.00%	100.00%	0.00%	100.00%	-	30,000	-
Sewer Tap Fees	21,195		21,195	Sewer	0.00%	100.00%	0.00%	100.00%	-	21,195	-
Penalties	400,000		400,000	Revenues	52.65%	47.35%	0.00%	100.00%	210,586	189,414	-
Reconnect Fees	554,382		554,382	Accounts	62.67%	37.33%	0.00%	100.00%	347,449	206,933	-
Service Charge	35,000		35,000	Accounts	62.67%	37.33%	0.00%	100.00%	21,936	13,064	-
Inspection Fees	100,000		100,000	Accounts	62.67%	37.33%	0.00%	100.00%	62,673	37,327	-
Miscellaneous Income	50,000		50,000	Revenues	52.65%	47.35%	0.00%	100.00%	26,323	23,677	-
Court Recording Fees	5,000		5,000	Revenues	52.65%	47.35%	0.00%	100.00%	2,632	2,368	-
Radio Tower Rents	300,000		300,000	Revenues	52.65%	47.35%	0.00%	100.00%	157,940	142,060	-
Sewer Line Extension Fee	150,000		150,000	Sewer	0.00%	100.00%	0.00%	100.00%	-	150,000	-
Water Line Extension Fee	250,000		250,000	Water	100.00%	0.00%	0.00%	100.00%	250,000	-	-
Court Recording Fees	500		500	Revenues	52.65%	47.35%	0.00%	100.00%	263	237	-
Interest Income	714,253		714,253	Revenues	52.65%	47.35%	0.00%	100.00%	376,029	338,223	-
Water Impact Fees	1,625,000	(1,625,000)	-	Water	100.00%	0.00%	0.00%	100.00%	-	-	-
Sewer Impact Fees	3,774,600	(3,774,600)	-	Sewer	0.00%	100.00%	0.00%	100.00%	-	-	-
Transfers In	\$ 250,229		\$ 250,229	Water	100.00%	0.00%	0.00%	100.00%	\$ 250,229	\$ -	\$ -
<b>Total</b>	<b>\$ 58,682,038</b>	<b>\$ (5,399,600)</b>	<b>\$ 53,282,438</b>						<b>\$ 28,051,376</b>	<b>\$ 25,231,062</b>	<b>\$ -</b>
Revenue Allocation									52.6%	47.4%	0.0%



## Cost Allocation Criteria Table

## Schedule 2

Total System Allocation Factors	Label	Water	Sewer
Lines (Linear Ft.)	Lines	62.5%	37.5%
Lines (Inch-Ft.)	Lines (In. Ft.)	62.0%	38.0%
Weighted	Weighted	49.8%	50.2%
Indirect Revenue Split	Revenues	52.6%	47.4%
100% Water	Water	100.0%	0.0%
100% Sewer	Sewer	0.0%	100.0%
CIP	CIP	33.6%	66.4%
Accounts	Accounts	62.7%	37.3%
Reclaimed	Reclaimed	0.0%	100.0%

### Water

Allocation Basis/Factor	Supply/Treatment % Allocation	Distribution % Allocation	Transmission % Allocation	Customer % Allocation	Total % Allocation
Customer	0.00%	0.00%	0.00%	100.00%	100.00%
Weighted	50.24%	31.66%	6.35%	11.75%	100.00%
Treatment	100.00%	0.00%	0.00%	0.00%	100.00%
Trans/Distr	0.00%	83.30%	16.70%	0.00%	100.00%
Supply/Treatment	100.00%	0.00%	0.00%	0.00%	100.00%
CIP	43.31%	38.07%	7.63%	10.98%	100.00%

1) Weighted (See Schedule 4)

2) Linear feet of water mains by diameter and associated allocation of transmission and distribution mains identified by IRCDUS' staff

3) FY 24 - FY 28 CIP allocation: \$14,898,211 \$15,723,694 \$3,778,157 \$34,400,062

	\$	13,097,575	\$	2,626,119	
CIP Allocation Basis	43.31%	38.07%	7.63%	10.98%	

### Sewer

Allocation Basis/Factor	Customer % Allocation	Collection % Allocation	Treatment % Allocation	Total % Allocation
Customer	100.00%	0.00%	0.00%	100.00%
Collection	0.00%	100.00%	0.00%	100.00%
Treatment	0.00%	0.00%	100.00%	100.00%
Weighted	6.14%	46.94%	46.92%	100.00%
CIP	0.00%	74.33%	25.67%	100.00%

1) Weighted (See Schedule 5)

2) FY 24 - FY 28 CIP allocation:	\$0	\$69,285,084	\$23,926,696	\$93,211,780
CIP Allocation Basis	0.00%	74.33%	25.67%	



# Test Year Expense Allocation Between Systems

# Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
<b>Wastewater Treatment</b>								
REGULAR SALARIES	PS	\$ 1,118,227	Sewer	0.00%	100.00%	100.00%	\$ -	\$ 1,118,227
OVERTIME	PS	118,193	Sewer	0.00%	100.00%	100.00%	-	118,193
SPECIAL PAY	PS	14,652	Sewer	0.00%	100.00%	100.00%	-	14,652
SOCIAL SECURITY MATCHING	PS	73,834	Sewer	0.00%	100.00%	100.00%	-	73,834
RETIREMENT CONTRIBUTION	PS	188,953	Sewer	0.00%	100.00%	100.00%	-	188,953
INSURANCE	PS	209,770	Sewer	0.00%	100.00%	100.00%	-	209,770
WORKERS COMPENSATION	PS	29,080	Sewer	0.00%	100.00%	100.00%	-	29,080
OPEB CONTRIBUTION	PS	6,235	Sewer	0.00%	100.00%	100.00%	-	6,235
MEDICARE MATCHING	PS	18,076	Sewer	0.00%	100.00%	100.00%	-	18,076
CELL PHONE ALLOWANCE	OMF	1,047	Sewer	0.00%	100.00%	100.00%	-	1,047
GENERAL & ADMINISTRATIVE EXP	OMF	107,306	Sewer	0.00%	100.00%	100.00%	-	107,306
OTHER PROFESSIONAL SERVICES	OMF	231,600	Sewer	0.00%	100.00%	100.00%	-	231,600
ALL TRAVEL	OMF	7,310	Sewer	0.00%	100.00%	100.00%	-	7,310
TELEPHONE	OMF	1,551	Sewer	0.00%	100.00%	100.00%	-	1,551
POSTAGE	OMF	430	Sewer	0.00%	100.00%	100.00%	-	430
GARBAGE AND SOLID WASTE	OMF	109,254	Sewer	0.00%	100.00%	100.00%	-	109,254
RENT-HEAVY EQUIPMENT	OMF	17,200	Sewer	0.00%	100.00%	100.00%	-	17,200
AUTOMOTIVE INSURANCE	OMF	9,257	Sewer	0.00%	100.00%	100.00%	-	9,257
OTHER INSURANCE	OMF	348,995	Sewer	0.00%	100.00%	100.00%	-	348,995
MAINTENANCE - AIR CONDITIONING	OMF	6,976	Sewer	0.00%	100.00%	100.00%	-	6,976
MAINTENANCE - AUTO EQUIPMENT	OMF	6,880	Sewer	0.00%	100.00%	100.00%	-	6,880
MAINTENANCE-HEAVY EQUIPMENT	OMF	27,279	Sewer	0.00%	100.00%	100.00%	-	27,279
MAINTENANCE - OTHER EQUIPMENT	OMF	2,683	Sewer	0.00%	100.00%	100.00%	-	2,683
LEGAL ADS	OMF	531	Sewer	0.00%	100.00%	100.00%	-	531
LICENSES AND PERMITS	OMF	19,488	Sewer	0.00%	100.00%	100.00%	-	19,488
ALL OFFICE SUPPLIES	OMF	886	Sewer	0.00%	100.00%	100.00%	-	886
COMPUTER SOFTWARE	OMF	2,802	Sewer	0.00%	100.00%	100.00%	-	2,802
FUEL & LUBRICANTS	OMV	36,225	Sewer	0.00%	100.00%	100.00%	-	36,225
TIRES & TUBES	OMF	1,806	Sewer	0.00%	100.00%	100.00%	-	1,806
CHEMICALS	OMV	1,085,508	Sewer	0.00%	100.00%	100.00%	-	1,085,508
UNIFORMS & CLOTHING	OMF	8,256	Sewer	0.00%	100.00%	100.00%	-	8,256
INSTITUTIONAL SUPPLIES	OMF	2,657	Sewer	0.00%	100.00%	100.00%	-	2,657
EXPENDABLE TOOLS	OMF	7,740	Sewer	0.00%	100.00%	100.00%	-	7,740
OTHER OPERATING SUPPLIES	OMF	11,242	Sewer	0.00%	100.00%	100.00%	-	11,242
DUES-MEMBERSHIPS	OMF	5,573	Sewer	0.00%	100.00%	100.00%	-	5,573
TUITION/REGISTRATION FEE	OMF	7,740	Sewer	0.00%	100.00%	100.00%	-	7,740
SEWAGE TREATMENT PLANT ELECTRI	OMV	724,500	Sewer	0.00%	100.00%	100.00%	-	724,500
OTHER MISC RENEWAL & REPLACEMN	OMF	215,000	Sewer	0.00%	100.00%	100.00%	-	215,000
SEWAGE PLANT MAINTENANCE	OMF	419,326	Sewer	0.00%	100.00%	100.00%	-	419,326



## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
UTILITY RENEWAL & REPLACEMENT	OMF	1,032,000	Sewer	0.00%	100.00%	100.00%	-	1,032,000
COMMUNICATION EQUIPMENT MAINT	OMF	430	Sewer	0.00%	100.00%	100.00%	-	430
SEWAGE SLUDGE REMOVAL	OMF	483,557	Sewer	0.00%	100.00%	100.00%	-	483,557
WATER STORAGE TANK MAINTENANCE	OMF	1,333	Sewer	0.00%	100.00%	100.00%	-	1,333
TRAFFIC SIGNS	OMF	443	Sewer	0.00%	100.00%	100.00%	-	443
INTERNAL PRINTING EXPENSES	OMF	354	Sewer	0.00%	100.00%	100.00%	-	354
MAINTENANCE-PEST CONTROL	OMF	709	Sewer	0.00%	100.00%	100.00%	-	709
LANDSCAPE MATERIALS & SUPPLIES	OMF	2,580	Sewer	0.00%	100.00%	100.00%	-	2,580
OIL/LUBE	OMV	15,456	Sewer	0.00%	100.00%	100.00%	-	15,456
OTHER CONTRACTUAL SERVICES	OMF	2,923	Sewer	0.00%	100.00%	100.00%	-	2,923
METER MAINTENANCE	OMF	39,336	Sewer	0.00%	100.00%	100.00%	-	39,336
PUMPING EQUIPMENT MAINTENANCE	OMF	621,849	Sewer	0.00%	100.00%	100.00%	-	621,849

### Water Production

REGULAR SALARIES	PS	\$	1,520,484	Water	100.00%	0.00%	100.00%	\$ 1,520,484	\$	-
OVERTIME	PS		160,213	Water	100.00%	0.00%	100.00%	160,213		-
SPECIAL PAY	PS		28,737	Water	100.00%	0.00%	100.00%	28,737		-
SOCIAL SECURITY MATCHING	PS		101,659	Water	100.00%	0.00%	100.00%	101,659		-
RETIREMENT CONTRIBUTION	PS		235,205	Water	100.00%	0.00%	100.00%	235,205		-
INSURANCE	PS		260,305	Water	100.00%	0.00%	100.00%	260,305		-
WORKERS COMPENSATION	PS		31,388	Water	100.00%	0.00%	100.00%	31,388		-
OPEB CONTRIBUTION	PS		8,440	Water	100.00%	0.00%	100.00%	8,440		-
MEDICARE MATCHING	PS		23,783	Water	100.00%	0.00%	100.00%	23,783		-
CELL PHONE ALLOWANCE	PS		1,687	Water	100.00%	0.00%	100.00%	1,687		-
GENERAL & ADMINISTRATIVE EXP	OMF		145,131	Water	100.00%	0.00%	100.00%	145,131		-
OTHER PROFESSIONAL SERVICES	OMF		300,069	Water	100.00%	0.00%	100.00%	300,069		-
ALL TRAVEL	OMF		6,364	Water	100.00%	0.00%	100.00%	6,364		-
TELEPHONE	OMF		559	Water	100.00%	0.00%	100.00%	559		-
OTHER COMMUNICATION SERVICES	OMF		1,329	Water	100.00%	0.00%	100.00%	1,329		-
POSTAGE	OMF		1,860	Water	100.00%	0.00%	100.00%	1,860		-
GARBAGE AND SOLID WASTE	OMF		3,533	Water	100.00%	0.00%	100.00%	3,533		-
RENT-HEAVY EQUIPMENT	OMF		6,149	Water	100.00%	0.00%	100.00%	6,149		-
AUTOMOTIVE INSURANCE	OMF		7,647	Water	100.00%	0.00%	100.00%	7,647		-
OTHER INSURANCE	OMF		513,372	Water	100.00%	0.00%	100.00%	513,372		-
MAINTENANCE - AIR CONDITIONING	OMF		6,529	Water	100.00%	0.00%	100.00%	6,529		-
MAINTENANCE - AUTO EQUIPMENT	OMF		6,440	Water	100.00%	0.00%	100.00%	6,440		-
MAINTENANCE-HEAVY EQUIPMENT	OMF		21,913	Water	100.00%	0.00%	100.00%	21,913		-
MAINTENANCE - OTHER EQUIPMENT	OMF		894	Water	100.00%	0.00%	100.00%	894		-
OUTSIDE PRINTING	OMF		4,076	Water	100.00%	0.00%	100.00%	4,076		-
LEGAL ADS	OMF		447	Water	100.00%	0.00%	100.00%	447		-



## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
LICENSES AND PERMITS	OMF	20,152	Water	100.00%	0.00%	100.00%	20,152	-
ALL OFFICE SUPPLIES	OMF	744	Water	100.00%	0.00%	100.00%	744	-
COMPUTER SOFTWARE	OMF	18,963	Water	100.00%	0.00%	100.00%	18,963	-
COMPUTER HARDWARE UPGRADE	OMF	19,346	Water	100.00%	0.00%	100.00%	19,346	-
FUEL & LUBRICANTS	OMV	50,474	Water	100.00%	0.00%	100.00%	50,474	-
TIRES & TUBES	OMF	1,342	Water	100.00%	0.00%	100.00%	1,342	-
CHEMICALS	OMV	2,311,978	Water	100.00%	0.00%	100.00%	2,311,978	-
UNIFORMS & CLOTHING	OMF	10,932	Water	100.00%	0.00%	100.00%	10,932	-
INSTITUTIONAL SUPPLIES	OMF	1,329	Water	100.00%	0.00%	100.00%	1,329	-
EXPENDABLE TOOLS	OMF	6,979	Water	100.00%	0.00%	100.00%	6,979	-
OTHER OPERATING SUPPLIES	OMF	51,634	Water	100.00%	0.00%	100.00%	51,634	-
DUES-MEMBERSHIPS	OMF	5,974	Water	100.00%	0.00%	100.00%	5,974	-
TUITION/REGISTRATION FEE	OMF	7,441	Water	100.00%	0.00%	100.00%	7,441	-
WATER TREAT ELECTRIC	OMV	1,214,552	Water	100.00%	0.00%	100.00%	1,214,552	-
WATER PLANT MAINTENANCE	OMF	286,117	Water	100.00%	0.00%	100.00%	286,117	-
WELL MAINTENANCE	OMF	64,507	Water	100.00%	0.00%	100.00%	64,507	-
METER MAINTENANCE	OMF	22,360	Water	100.00%	0.00%	100.00%	22,360	-
PUMPING EQUIPMENT MAINTENANCE	OMF	215,000	Water	100.00%	0.00%	100.00%	215,000	-
UTILITY RENEWAL & REPLACEMENT	OMF	688,000	Water	100.00%	0.00%	100.00%	688,000	-
COMMUNICATION EQUIPMENT MAINT	OMF	447	Water	100.00%	0.00%	100.00%	447	-
WATER STORAGE TANK MAINTENANCE	OMF	81,864	Water	100.00%	0.00%	100.00%	81,864	-
OTHER MISC RENEWAL & REPLACEMENT	OMF	172,000	Water	100.00%	0.00%	100.00%	172,000	-
MAINTENANCE-PEST CONTROL	OMF	237	Water	100.00%	0.00%	100.00%	237	-
OIL/LUBE	OMV	1,546	Water	100.00%	0.00%	100.00%	1,546	-
OTHER CONTRACTUAL SERVICES	OMF	2,303	Water	100.00%	0.00%	100.00%	2,303	-

### General & Engineering

REGULAR SALARIES	PS	\$	1,790,873	Weighted	49.84%	50.16%	100.00%	\$	892,636	\$	898,237
OVERTIME	PS		3,749	Weighted	49.84%	50.16%	100.00%		1,869		1,880
SPECIAL PAY	PS		18,184	Weighted	49.84%	50.16%	100.00%		9,063		9,120
SOCIAL SECURITY MATCHING	PS		110,737	Weighted	49.84%	50.16%	100.00%		55,195		55,542
RETIREMENT CONTRIBUTION	PS		251,431	Weighted	49.84%	50.16%	100.00%		125,322		126,109
INSURANCE	PS		290,306	Weighted	49.84%	50.16%	100.00%		144,699		145,607
WORKERS COMPENSATION	PS		6,052	Weighted	49.84%	50.16%	100.00%		3,017		3,036
OPEB CONTRIBUTION	PS		9,499	Weighted	49.84%	50.16%	100.00%		4,735		4,765
MEDICARE MATCHING	PS		27,056	Weighted	49.84%	50.16%	100.00%		13,485		13,570
CELL PHONE ALLOWANCE	OMF		4,252	Weighted	49.84%	50.16%	100.00%		2,119		2,133
PENSION EXPENSE	PS		374,920	Weighted	49.84%	50.16%	100.00%		186,874		188,046
LEGAL SERVICES	OMF		183,361	Weighted	49.84%	50.16%	100.00%		91,394		91,967
GENERAL & ADMINISTRATIVE EXP	OMF		167,013	Weighted	49.84%	50.16%	100.00%		83,245		83,768





## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
OTHER PROFESSIONAL SERVICES	OMF	2,945,414	Weighted	49.84%	50.16%	100.00%	1,468,102	1,477,312
EXTERNAL AUDITORS	OMF	18,412	Weighted	49.84%	50.16%	100.00%	9,177	9,235
VEHICLE ALLOWANCE	OMF	18,606	Weighted	49.84%	50.16%	100.00%	9,274	9,332
ALL TRAVEL	OMF	21,500	Weighted	49.84%	50.16%	100.00%	10,716	10,784
TELEPHONE	OMF	2,569	Weighted	49.84%	50.16%	100.00%	1,280	1,288
OTHER COMMUNICATION SERVICES	OMF	9,115	Weighted	49.84%	50.16%	100.00%	4,543	4,572
POSTAGE	OMF	177	Weighted	49.84%	50.16%	100.00%	88	89
ELECTRIC SERVICES	OMV	26,565	Weighted	49.84%	50.16%	100.00%	13,241	13,324
WATER & SEWER SERVICES	OMF	2,258	Weighted	49.84%	50.16%	100.00%	1,125	1,132
RENT-BUILDINGS	OMF	71,188	Weighted	49.84%	50.16%	100.00%	35,483	35,705
AUTOMOTIVE INSURANCE	OMF	5,049	Weighted	49.84%	50.16%	100.00%	2,517	2,532
OTHER INSURANCE	OMF	181,428	Weighted	49.84%	50.16%	100.00%	90,430	90,998
MAINTENANCE - AUTO EQUIPMENT	OMF	7,529	Weighted	49.84%	50.16%	100.00%	3,753	3,776
OUTSIDE PRINTING	OMF	177	Weighted	49.84%	50.16%	100.00%	88	89
ADVERTISING/EXCEPT LEGAL	OMF	443	Weighted	49.84%	50.16%	100.00%	221	222
LEGAL ADS	OMF	443	Weighted	49.84%	50.16%	100.00%	221	222
LICENSES AND PERMITS	OMF	2,150	Weighted	49.84%	50.16%	100.00%	1,072	1,078
ALL OFFICE SUPPLIES	OMF	886	Weighted	49.84%	50.16%	100.00%	442	444
COMPUTER SOFTWARE	OMF	66,809	Weighted	49.84%	50.16%	100.00%	33,300	33,509
COMPUTER HARDWARE UPGRADE	OMF	1,038	Weighted	49.84%	50.16%	100.00%	517	521
GIS SUPPLIES	OMF	886	Weighted	49.84%	50.16%	100.00%	442	444
FUEL & LUBRICANTS	OMV	10,742	Weighted	49.84%	50.16%	100.00%	5,354	5,388
TIRES & TUBES	OMF	1,329	Weighted	49.84%	50.16%	100.00%	662	666
UNIFORMS & CLOTHING	OMF	886	Weighted	49.84%	50.16%	100.00%	442	444
EXPENDABLE TOOLS	OMF	3,100	Weighted	49.84%	50.16%	100.00%	1,545	1,555
OTHER OPERATING SUPPLIES	OMF	2,829	Weighted	49.84%	50.16%	100.00%	1,410	1,419
BOOKS-MAGAZINES	OMF	177	Weighted	49.84%	50.16%	100.00%	88	89
DUES-MEMBERSHIPS	OMF	4,473	Weighted	49.84%	50.16%	100.00%	2,230	2,244
TUITION/REGISTRATION FEE	OMF	17,207	Weighted	49.84%	50.16%	100.00%	8,576	8,630
GIS INTER-DEPT CHARGES	OMF	212,986	Weighted	49.84%	50.16%	100.00%	106,160	106,826
IS/TELECOM INTER-DEPT CHGS	OMF	724,395	Weighted	49.84%	50.16%	100.00%	361,065	363,330
COMMUNICATION EQUIPMENT MAINT	OMF	443	Weighted	49.84%	50.16%	100.00%	221	222
CONTRACTED LABOR SERVICES	OMF	69,092	Weighted	49.84%	50.16%	100.00%	34,438	34,654
OTHER CONTRACTUAL SERVICES	OMF	1,736	Weighted	49.84%	50.16%	100.00%	865	871
INTERNAL PRINTING EXPENSES	OMF	3,986	Weighted	49.84%	50.16%	100.00%	1,987	1,999
ATTRCTVE ITEMS-LAPTOPS/TABLETS	OMF	1,683	Weighted	49.84%	50.16%	100.00%	839	844
WATER QUAL & TREATMNT FAC EVAL	OMF	19,488	Weighted	49.84%	50.16%	100.00%	9,713	9,774

### Bio-Solids Operations

OTHER PROFESSIONAL SERVICES	OMF	\$ 403,220	Sewer	0.00%	100.00%	100.00%	\$ -	\$ 403,220
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## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
EXTERNAL AUDITORS	OMF	1,536	Sewer	0.00%	100.00%	100.00%	-	1,536
TELEPHONE	OMF	89	Sewer	0.00%	100.00%	100.00%	-	89
WATER & SEWER SERVICES	OMF	633	Sewer	0.00%	100.00%	100.00%	-	633
GARBAGE AND SOLID WASTE	OMF	288,033	Sewer	0.00%	100.00%	100.00%	-	288,033
OTHER INSURANCE	OMF	41,782	Sewer	0.00%	100.00%	100.00%	-	41,782
MAINTENANCE - AIR CONDITIONING	OMF	1,860	Sewer	0.00%	100.00%	100.00%	-	1,860
MAINTENANCE-HEAVY EQUIPMENT	OMF	8,338	Sewer	0.00%	100.00%	100.00%	-	8,338
MAINTENANCE-ALARM MONITORING	OMF	610	Sewer	0.00%	100.00%	100.00%	-	610
LICENSES AND PERMITS	OMF	89	Sewer	0.00%	100.00%	100.00%	-	89
FUEL & LUBRICANTS	OMV	1,449	Sewer	0.00%	100.00%	100.00%	-	1,449
CHEMICALS	OMV	47,817	Sewer	0.00%	100.00%	100.00%	-	47,817
OTHER OPERATING SUPPLIES	OMF	4,376	Sewer	0.00%	100.00%	100.00%	-	4,376
SLUDGE FACILITY ELECTRIC	OMV	97,152	Sewer	0.00%	100.00%	100.00%	-	97,152
UTILITY RENEWAL & REPLACEMENT	OMF	430,000	Sewer	0.00%	100.00%	100.00%	-	430,000
SLUDGE FACILITY MAINTENANCE	OMF	57,824	Sewer	0.00%	100.00%	100.00%	-	57,824
LEGAL ADS	OMF	222	Sewer	0.00%	100.00%	100.00%	-	222
ALL OFFICE SUPPLIES	OMF	177	Sewer	0.00%	100.00%	100.00%	-	177
RENT-HEAVY EQUIPMENT	OMF	1,329	Sewer	0.00%	100.00%	100.00%	-	1,329
INTERNAL PRINTING EXPENSES	OMF	133	Sewer	0.00%	100.00%	100.00%	-	133
EXPENDABLE TOOLS	OMF	665	Sewer	0.00%	100.00%	100.00%	-	665
METER MAINTENANCE	OMF	3,174	Sewer	0.00%	100.00%	100.00%	-	3,174
PUMPING EQUIPMENT MAINTENANCE	OMF	70,671	Sewer	0.00%	100.00%	100.00%	-	70,671

### Customer Service

REGULAR SALARIES	PS	\$	1,521,398	Accounts	62.67%	37.33%	100.00%	\$	953,510	\$	567,888
PART TIME EMPLOYEES	PS		35,057	Accounts	62.67%	37.33%	100.00%		21,971		13,086
OVERTIME	PS		39,374	Accounts	62.67%	37.33%	100.00%		24,677		14,697
SPECIAL PAY	PS		22,199	Accounts	62.67%	37.33%	100.00%		13,913		8,286
SOCIAL SECURITY MATCHING	PS		96,945	Accounts	62.67%	37.33%	100.00%		60,759		36,186
RETIREMENT CONTRIBUTION	PS		229,653	Accounts	62.67%	37.33%	100.00%		143,931		85,722
INSURANCE	PS		314,607	Accounts	62.67%	37.33%	100.00%		197,174		117,433
WORKERS COMPENSATION	PS		12,369	Accounts	62.67%	37.33%	100.00%		7,752		4,617
OPEB CONTRIBUTION	PS		12,485	Accounts	62.67%	37.33%	100.00%		7,825		4,660
MEDICARE MATCHING	PS		22,684	Accounts	62.67%	37.33%	100.00%		14,217		8,467
GENERAL & ADMINISTRATIVE EXP	OMF		138,205	Accounts	62.67%	37.33%	100.00%		86,617		51,587
OTHER PROFESSIONAL SERVICES	OMF		54,183	Accounts	62.67%	37.33%	100.00%		33,958		20,225
EXTERNAL AUDITORS	OMF		18,413	Accounts	62.67%	37.33%	100.00%		11,540		6,873
CONTRACTED LABOR SERVICES	OMF		4,429	Accounts	62.67%	37.33%	100.00%		2,776		1,653
ALL TRAVEL	OMF		1,831	Accounts	62.67%	37.33%	100.00%		1,148		683
TELEPHONE	OMF		4,515	Accounts	62.67%	37.33%	100.00%		2,830		1,685



## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
OTHER COMMUNICATION SERVICES	OMF	5,779	Accounts	62.67%	37.33%	100.00%	3,622	2,157
POSTAGE	OMF	206,651	Accounts	62.67%	37.33%	100.00%	129,515	77,136
RENT-BUILDINGS	OMF	71,188	Accounts	62.67%	37.33%	100.00%	44,616	26,572
AUTOMOTIVE INSURANCE	OMF	10,196	Accounts	62.67%	37.33%	100.00%	6,390	3,806
OTHER INSURANCE	OMF	183,189	Accounts	62.67%	37.33%	100.00%	114,810	68,378
MAINTENANCE - AUTO EQUIPMENT	OMF	17,544	Accounts	62.67%	37.33%	100.00%	10,995	6,549
OUTSIDE PRINTING	OMF	40,184	Accounts	62.67%	37.33%	100.00%	25,184	14,999
MAINTENANCE-ALARM MONITORING	OMF	266	Accounts	62.67%	37.33%	100.00%	167	99
RECORDING FEES	OMF	5,418	Accounts	62.67%	37.33%	100.00%	3,396	2,022
LICENSES AND PERMITS	OMF	89	Accounts	62.67%	37.33%	100.00%	56	33
ALL OFFICE SUPPLIES	OMF	2,688	Accounts	62.67%	37.33%	100.00%	1,684	1,003
COMPUTER SOFTWARE	OMF	110,986	Accounts	62.67%	37.33%	100.00%	69,559	41,428
COMPUTER HARDWARE UPGRADE	OMF	5,444	Accounts	62.67%	37.33%	100.00%	3,412	2,032
FUEL & LUBRICANTS	OMV	37,191	Accounts	62.67%	37.33%	100.00%	23,309	13,882
TIRES & TUBES	OMF	2,657	Accounts	62.67%	37.33%	100.00%	1,665	992
UNIFORMS & CLOTHING	OMF	5,226	Accounts	62.67%	37.33%	100.00%	3,275	1,951
EXPENDABLE TOOLS	OMF	4,386	Accounts	62.67%	37.33%	100.00%	2,749	1,637
OTHER OPERATING SUPPLIES	OMF	6,821	Accounts	62.67%	37.33%	100.00%	4,275	2,546
TUITION/REGISTRATION FEE	OMF	2,416	Accounts	62.67%	37.33%	100.00%	1,514	902
CREDIT CARD FEES	OMF	181,589	Accounts	62.67%	37.33%	100.00%	113,808	67,781
BAD DEBT-WATER/SEWER	OMF	129,000	Accounts	62.67%	37.33%	100.00%	80,849	48,151
COMMUNICATION EQUIPMENT MAINT	OMF	443	Accounts	62.67%	37.33%	100.00%	278	165
MAINTENANCE-HEAVY EQUIPMENT	OMF	886	Accounts	62.67%	37.33%	100.00%	555	331
OTHER MISC RENEWAL & REPLACEMN	OMF	8,658	Accounts	62.67%	37.33%	100.00%	5,426	3,232
INTERNAL PRINTING EXPENSES	OMF	2,980	Accounts	62.67%	37.33%	100.00%	1,868	1,112
OTHER CONTRACTUAL SERVICES	OMF	21,810	Accounts	62.67%	37.33%	100.00%	13,669	8,141

### Wastewater Collection

REGULAR SALARIES	PS	\$	1,556,568	Sewer	0.00%	100.00%	100.00%	\$	-	\$	1,556,568
OVERTIME	PS		111,554	Sewer	0.00%	100.00%	100.00%		-		111,554
SPECIAL PAY	PS		24,566	Sewer	0.00%	100.00%	100.00%		-		24,566
SOCIAL SECURITY MATCHING	PS		98,900	Sewer	0.00%	100.00%	100.00%		-		98,900
RETIREMENT CONTRIBUTION	PS		241,339	Sewer	0.00%	100.00%	100.00%		-		241,339
INSURANCE	PS		335,003	Sewer	0.00%	100.00%	100.00%		-		335,003
WORKERS COMPENSATION	PS		31,909	Sewer	0.00%	100.00%	100.00%		-		31,909
OPEB CONTRIBUTION	PS		9,910	Sewer	0.00%	100.00%	100.00%		-		9,910
MEDICARE MATCHING	PS		23,141	Sewer	0.00%	100.00%	100.00%		-		23,141
CELL PHONE ALLOWANCE	OMF		531	Sewer	0.00%	100.00%	100.00%		-		531
GENERAL & ADMINISTRATIVE EXP	OMF		148,046	Sewer	0.00%	100.00%	100.00%		-		148,046
OTHER PROFESSIONAL SERVICES	OMF		20,367	Sewer	0.00%	100.00%	100.00%		-		20,367



# Test Year Expense Allocation Between Systems

# Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
CONTRACTED LABOR SERVICES	OMF	4,429	Sewer	0.00%	100.00%	100.00%	-	4,429
ALL TRAVEL	OMF	5,740	Sewer	0.00%	100.00%	100.00%	-	5,740
TELEPHONE	OMF	820	Sewer	0.00%	100.00%	100.00%	-	820
OTHER COMMUNICATION SERVICES	OMF	6,656	Sewer	0.00%	100.00%	100.00%	-	6,656
POSTAGE	OMF	882	Sewer	0.00%	100.00%	100.00%	-	882
GARBAGE AND SOLID WASTE	OMF	31,145	Sewer	0.00%	100.00%	100.00%	-	31,145
OTHER UTILITY SERVICES	OMF	7,826	Sewer	0.00%	100.00%	100.00%	-	7,826
RENT-HEAVY EQUIPMENT	OMF	1,342	Sewer	0.00%	100.00%	100.00%	-	1,342
AUTOMOTIVE INSURANCE	OMF	46,732	Sewer	0.00%	100.00%	100.00%	-	46,732
OTHER INSURANCE	OMF	295,323	Sewer	0.00%	100.00%	100.00%	-	295,323
MAINTENANCE - BUILDINGS	OMF	15,480	Sewer	0.00%	100.00%	100.00%	-	15,480
MAINTENANCE - AIR CONDITIONING	OMF	3,220	Sewer	0.00%	100.00%	100.00%	-	3,220
MAINTENANCE - AUTO EQUIPMENT	OMF	1,342	Sewer	0.00%	100.00%	100.00%	-	1,342
MAINTENANCE-HEAVY EQUIPMENT	OMF	194,858	Sewer	0.00%	100.00%	100.00%	-	194,858
MAINTENANCE - OTHER EQUIPMENT	OMF	12,814	Sewer	0.00%	100.00%	100.00%	-	12,814
OUTSIDE PRINTING	OMF	3,406	Sewer	0.00%	100.00%	100.00%	-	3,406
LEGAL ADS	OMF	185	Sewer	0.00%	100.00%	100.00%	-	185
LICENSES AND PERMITS	OMF	531	Sewer	0.00%	100.00%	100.00%	-	531
COMPUTER SOFTWARE	OMF	8,858	Sewer	0.00%	100.00%	100.00%	-	8,858
COMPUTER HARDWARE UPGRADE	OMF	1,250	Sewer	0.00%	100.00%	100.00%	-	1,250
FUEL & LUBRICANTS	OMV	107,180	Sewer	0.00%	100.00%	100.00%	-	107,180
TIRES & TUBES	OMF	15,239	Sewer	0.00%	100.00%	100.00%	-	15,239
UNIFORMS & CLOTHING	OMF	14,744	Sewer	0.00%	100.00%	100.00%	-	14,744
EXPENDABLE TOOLS	OMF	15,437	Sewer	0.00%	100.00%	100.00%	-	15,437
OTHER OPERATING SUPPLIES	OMF	49,605	Sewer	0.00%	100.00%	100.00%	-	49,605
PAVING MATERIAL	OMF	4,472	Sewer	0.00%	100.00%	100.00%	-	4,472
LANDSCAPE MATERIALS & SUPPLIES	OMF	877	Sewer	0.00%	100.00%	100.00%	-	877
TRAFFIC SIGNS	OMF	1,329	Sewer	0.00%	100.00%	100.00%	-	1,329
DUES-MEMBERSHIPS	OMF	212	Sewer	0.00%	100.00%	100.00%	-	212
TUITION/REGISTRATION FEE	OMF	6,882	Sewer	0.00%	100.00%	100.00%	-	6,882
LIFT STATION ELECTRIC	OMV	446,292	Sewer	0.00%	100.00%	100.00%	-	446,292
LIFT STATION MAINTENANCE	OMF	955,047	Sewer	0.00%	100.00%	100.00%	-	955,047
SEWER MAIN MAINTENANCE	OMF	657,675	Sewer	0.00%	100.00%	100.00%	-	657,675
UTILITY RENEWAL & REPLACEMENT	OMF	344,000	Sewer	0.00%	100.00%	100.00%	-	344,000
COMMUNICATION EQUIPMENT MAINT	OMF	2,236	Sewer	0.00%	100.00%	100.00%	-	2,236
OTHER MISC RENEWAL & REPLACEMN	OMF	387,000	Sewer	0.00%	100.00%	100.00%	-	387,000
OTHER CONTRACTUAL SERVICES	OMF	8,449	Sewer	0.00%	100.00%	100.00%	-	8,449

## Water Distribution

REGULAR SALARIES	PS	\$	1,624,461	Water	100.00%	0.00%	100.00%	\$ 1,624,461	\$	-
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## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
OVERTIME	PS	218,275	Water	100.00%	0.00%	100.00%	218,275	-
SPECIAL PAY	PS	15,154	Water	100.00%	0.00%	100.00%	15,154	-
SOCIAL SECURITY MATCHING	PS	110,288	Water	100.00%	0.00%	100.00%	110,288	-
RETIREMENT CONTRIBUTION	PS	257,696	Water	100.00%	0.00%	100.00%	257,696	-
INSURANCE	PS	360,082	Water	100.00%	0.00%	100.00%	360,082	-
WORKERS COMPENSATION	PS	32,194	Water	100.00%	0.00%	100.00%	32,194	-
OPEB CONTRIBUTION	PS	11,725	Water	100.00%	0.00%	100.00%	11,725	-
MEDICARE MATCHING	PS	25,805	Water	100.00%	0.00%	100.00%	25,805	-
CELL PHONE ALLOWANCE	OMF	1,063	Water	100.00%	0.00%	100.00%	1,063	-
GENERAL & ADMINISTRATIVE EXP	OMF	156,146	Water	100.00%	0.00%	100.00%	156,146	-
OTHER PROFESSIONAL SERVICES	OMF	179,380	Water	100.00%	0.00%	100.00%	179,380	-
JANITORIAL SERVICES	OMF	21,259	Water	100.00%	0.00%	100.00%	21,259	-
CONTRACTED LABOR SERVICES	OMF	22,145	Water	100.00%	0.00%	100.00%	22,145	-
ALL TRAVEL	OMF	5,829	Water	100.00%	0.00%	100.00%	5,829	-
TELEPHONE	OMF	2,663	Water	100.00%	0.00%	100.00%	2,663	-
OTHER COMMUNICATION SERVICES	OMF	3,986	Water	100.00%	0.00%	100.00%	3,986	-
POSTAGE	OMF	443	Water	100.00%	0.00%	100.00%	443	-
GARBAGE AND SOLID WASTE	OMF	5,065	Water	100.00%	0.00%	100.00%	5,065	-
OTHER UTILITY SERVICES	OMF	7,568	Water	100.00%	0.00%	100.00%	7,568	-
RENT-HEAVY EQUIPMENT	OMF	2,683	Water	100.00%	0.00%	100.00%	2,683	-
FEC PAYMENTS	OMF	35,432	Water	100.00%	0.00%	100.00%	35,432	-
RIGHT OF WAY PAYMENTS	OMF	16,830	Water	100.00%	0.00%	100.00%	16,830	-
AUTOMOTIVE INSURANCE	OMF	53,530	Water	100.00%	0.00%	100.00%	53,530	-
OTHER INSURANCE	OMF	295,323	Water	100.00%	0.00%	100.00%	295,323	-
MAINTENANCE - BUILDINGS	OMF	3,509	Water	100.00%	0.00%	100.00%	3,509	-
MAINTENANCE - AIR CONDITIONING	OMF	2,869	Water	100.00%	0.00%	100.00%	2,869	-
MAINTENANCE - AUTO EQUIPMENT	OMF	8,050	Water	100.00%	0.00%	100.00%	8,050	-
MAINTENANCE-HEAVY EQUIPMENT	OMF	154,043	Water	100.00%	0.00%	100.00%	154,043	-
MAINTENANCE - OTHER EQUIPMENT	OMF	10,939	Water	100.00%	0.00%	100.00%	10,939	-
OUTSIDE PRINTING	OMF	1,772	Water	100.00%	0.00%	100.00%	1,772	-
MAINTENANCE-ALARM MONITORING	OMF	1,516	Water	100.00%	0.00%	100.00%	1,516	-
LEGAL ADS	OMF	177	Water	100.00%	0.00%	100.00%	177	-
LICENSES AND PERMITS	OMF	1,467	Water	100.00%	0.00%	100.00%	1,467	-
ALL OFFICE SUPPLIES	OMF	1,772	Water	100.00%	0.00%	100.00%	1,772	-
COMPUTER SOFTWARE	OMF	10,737	Water	100.00%	0.00%	100.00%	10,737	-
FUEL & LUBRICANTS	OMV	145,093	Water	100.00%	0.00%	100.00%	145,093	-
TIRES & TUBES	OMF	16,925	Water	100.00%	0.00%	100.00%	16,925	-
UNIFORMS & CLOTHING	OMF	21,477	Water	100.00%	0.00%	100.00%	21,477	-
INSTITUTIONAL SUPPLIES	OMF	4,429	Water	100.00%	0.00%	100.00%	4,429	-
EXPENDABLE TOOLS	OMF	21,844	Water	100.00%	0.00%	100.00%	21,844	-





## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
OTHER OPERATING SUPPLIES	OMF	42,631	Water	100.00%	0.00%	100.00%	42,631	-
PAVING MATERIAL	OMF	156,176	Water	100.00%	0.00%	100.00%	156,176	-
LANDSCAPE MATERIALS & SUPPLIES	OMF	21,466	Water	100.00%	0.00%	100.00%	21,466	-
TRAFFIC SIGNS	OMF	1,789	Water	100.00%	0.00%	100.00%	1,789	-
DUES-MEMBERSHIPS	OMF	752	Water	100.00%	0.00%	100.00%	752	-
TUITION/REGISTRATION FEE	OMF	10,685	Water	100.00%	0.00%	100.00%	10,685	-
WATER MAIN MAINTENANCE	OMF	1,270,908	Water	100.00%	0.00%	100.00%	1,270,908	-
HYDRANTS AND VALVES MAINTENANC	OMF	375,648	Water	100.00%	0.00%	100.00%	375,648	-
UTILITY RENEWAL & REPLACEMENT	OMF	301,860	Water	100.00%	0.00%	100.00%	301,860	-
COMMUNICATION EQUIPMENT MAINT	OMF	2,236	Water	100.00%	0.00%	100.00%	2,236	-
OTHER MISC RENEWAL & REPLACEMN	OMF	458,380	Water	100.00%	0.00%	100.00%	458,380	-
INTERNAL PRINTING EXPENSES	OMF	3,252	Water	100.00%	0.00%	100.00%	3,252	-
MAINTENANCE-PEST CONTROL	OMF	358	Water	100.00%	0.00%	100.00%	358	-
ATTRACTIVE ITEMS	OMF	2,319	Water	100.00%	0.00%	100.00%	2,319	-
COMMISSIONS AND FEES	OMF	716	Water	100.00%	0.00%	100.00%	716	-
OTHER CONTRACTUAL SERVICES	OMF	12,467	Water	100.00%	0.00%	100.00%	12,467	-
METER MAINTENANCE	OMF	469,560	Water	100.00%	0.00%	100.00%	469,560	-

### Osprey Marsh

REGULAR SALARIES	PS	\$	43,782	Water	100.00%	0.00%	100.00%	\$	43,782	\$	-
OVERTIME	PS		3,749	Water	100.00%	0.00%	100.00%		3,749		-
SOCIAL SECURITY MATCHING	PS		3,030	Water	100.00%	0.00%	100.00%		3,030		-
RETIREMENT CONTRIBUTION	PS		7,065	Water	100.00%	0.00%	100.00%		7,065		-
INSURANCE	PS		8,955	Water	100.00%	0.00%	100.00%		8,955		-
WORKERS COMPENSATION	PS		824	Water	100.00%	0.00%	100.00%		824		-
OPEB CONTRIBUTION	PS		368	Water	100.00%	0.00%	100.00%		368		-
MEDICARE MATCHING	PS		710	Water	100.00%	0.00%	100.00%		710		-
GENERAL & ADMINISTRATIVE EXP	OMF		8,325	Water	100.00%	0.00%	100.00%		8,325		-
OTHER PROFESSIONAL SERVICES	OMF		40,248	Water	100.00%	0.00%	100.00%		40,248		-
ELECTRIC SERVICES	OMV		92,446	Water	100.00%	0.00%	100.00%		92,446		-
GARBAGE AND SOLID WASTE	OMF		27,632	Water	100.00%	0.00%	100.00%		27,632		-
MAINTENANCE-HEAVY EQUIPMENT	OMF		13,416	Water	100.00%	0.00%	100.00%		13,416		-
MAINTENANCE - OTHER EQUIPMENT	OMF		447	Water	100.00%	0.00%	100.00%		447		-
LICENSES AND PERMITS	OMF		89	Water	100.00%	0.00%	100.00%		89		-
FUEL & LUBRICANTS	OMV		11,546	Water	100.00%	0.00%	100.00%		11,546		-
TIRES & TUBES	OMF		443	Water	100.00%	0.00%	100.00%		443		-
UNIFORMS & CLOTHING	OMF		1,019	Water	100.00%	0.00%	100.00%		1,019		-
EXPENDABLE TOOLS	OMF		222	Water	100.00%	0.00%	100.00%		222		-
TUITION/REGISTRATION FEE	OMF		632	Water	100.00%	0.00%	100.00%		632		-
ALL TRAVEL	OMF		97	Water	100.00%	0.00%	100.00%		97		-



## Test Year Expense Allocation Between Systems

## Schedule 3

Description		Test Year Cost of Service	Allocation Factor	Water % Allocation	Sewer % Allocation	Total % Allocation	Water \$ Allocation	Sewer \$ Allocation
MAINTENANCE - AIR CONDITIONING	OMF	894	Water	100.00%	0.00%	100.00%	894	-
DUES-MEMBERSHIPS	OMF	56	Water	100.00%	0.00%	100.00%	56	-
OTHER MISC RENEWAL & REPLACEMN	OMF	129,000	Water	100.00%	0.00%	100.00%	129,000	-
WATER & SEWER SERVICES	OMF	226	Water	100.00%	0.00%	100.00%	226	-
OSPREY MARSH MAINT	OMF	4,472	Water	100.00%	0.00%	100.00%	4,472	-
MAINTENANCE - BUILDINGS	OMF	447	Water	100.00%	0.00%	100.00%	447	-
LANDSCAPE MATERIALS & SUPPLIES	OMF	4,429	Water	100.00%	0.00%	100.00%	4,429	-
PUMPING EQUIPMENT MAINTENANCE	OMF	49,571	Water	100.00%	0.00%	100.00%	49,571	-
<b>Spoonbill Marsh</b>								
OTHER PROFESSIONAL SERVICES	OMF \$	296,207	Water	100.00%	0.00%	100.00%	\$ 296,207	\$ -
ELECTRIC SERVICES	OMV	37,191	Water	100.00%	0.00%	100.00%	37,191	-
RENT-HEAVY EQUIPMENT	OMF	1,772	Water	100.00%	0.00%	100.00%	1,772	-
OTHER OPERATING SUPPLIES	OMF	443	Water	100.00%	0.00%	100.00%	443	-
PAVING MATERIAL	OMF	14,173	Water	100.00%	0.00%	100.00%	14,173	-
PUMPING EQUIPMENT MAINTENANCE	OMF	101,962	Water	100.00%	0.00%	100.00%	101,962	-
LEGAL ADS	OMF	177	Water	100.00%	0.00%	100.00%	177	-
METER MAINTENANCE	OMF	894	Water	100.00%	0.00%	100.00%	894	-
OTHER MISC RENEWAL & REPLACEMN	OMF	129,000	Water	100.00%	0.00%	100.00%	129,000	-
MAINTENANCE-HEAVY EQUIPMENT	OMF	25,112	Water	100.00%	0.00%	100.00%	25,112	-
LICENSES AND PERMITS	OMF	6,201	Water	100.00%	0.00%	100.00%	6,201	-
SPOONBILL MARSH MAINTENANCE	OMF	1,789	Water	100.00%	0.00%	100.00%	1,789	-
<b>Other</b>								
Vehicles and Capital Equipment	CO	2,060,000	Weighted	49.84%	50.16%	100.00%	1,026,779	1,033,221
<b>Capital</b>								
Projects Funded with Cash	\$	10,110,568	CIP	33.63%	66.37%	100.00%	\$ 3,400,597	\$ 6,709,971
Change in Fund Balance	\$	(2,028,686)	CIP	33.63%	66.37%	100.00%	\$ (682,330)	\$ (1,346,356)
<b>Total Test Year Expenses</b>	<b>\$</b>	<b>53,282,438</b>					<b>26,557,908</b>	<b>26,724,530</b>
% of Total							49.8%	50.2%



# Water System Allocation to Functions

# Schedule 4

Description	Test Year COS	Allocation Basis/Factor	Supply/Treatment % Allocation	Distribution % Allocation	Transmission % Allocation	Customer % Allocation	Supply/Treatment \$ Allocation	Distribution \$ Allocation	Transmission \$ Allocation	Customer \$ Allocation
<b>Water Production</b>										
REGULAR SALARIES	1,520,484	Treatment	100.00%	0.00%	0.00%	0.00%	\$ 1,520,484	\$ -	\$ -	\$ -
OVERTIME	160,213	Treatment	100.00%	0.00%	0.00%	0.00%	160,213	-	-	-
SPECIAL PAY	28,737	Treatment	100.00%	0.00%	0.00%	0.00%	28,737	-	-	-
SOCIAL SECURITY MATCHING	101,659	Treatment	100.00%	0.00%	0.00%	0.00%	101,659	-	-	-
RETIREMENT CONTRIBUTION	235,205	Treatment	100.00%	0.00%	0.00%	0.00%	235,205	-	-	-
INSURANCE	260,305	Treatment	100.00%	0.00%	0.00%	0.00%	260,305	-	-	-
WORKERS COMPENSATION	31,388	Treatment	100.00%	0.00%	0.00%	0.00%	31,388	-	-	-
OPEB CONTRIBUTION	8,440	Treatment	100.00%	0.00%	0.00%	0.00%	8,440	-	-	-
MEDICARE MATCHING	23,783	Treatment	100.00%	0.00%	0.00%	0.00%	23,783	-	-	-
CELL PHONE ALLOWANCE	1,687	Treatment	100.00%	0.00%	0.00%	0.00%	1,687	-	-	-
GENERAL & ADMINISTRATIVE EXP	145,131	Treatment	100.00%	0.00%	0.00%	0.00%	145,131	-	-	-
OTHER PROFESSIONAL SERVICES	300,069	Treatment	100.00%	0.00%	0.00%	0.00%	300,069	-	-	-
ALL TRAVEL	6,364	Treatment	100.00%	0.00%	0.00%	0.00%	6,364	-	-	-
TELEPHONE	559	Treatment	100.00%	0.00%	0.00%	0.00%	559	-	-	-
OTHER COMMUNICATION SERVICES	1,329	Treatment	100.00%	0.00%	0.00%	0.00%	1,329	-	-	-
POSTAGE	1,860	Treatment	100.00%	0.00%	0.00%	0.00%	1,860	-	-	-
GARBAGE AND SOLID WASTE	3,533	Treatment	100.00%	0.00%	0.00%	0.00%	3,533	-	-	-
RENT-HEAVY EQUIPMENT	6,149	Treatment	100.00%	0.00%	0.00%	0.00%	6,149	-	-	-
AUTOMOTIVE INSURANCE	7,647	Treatment	100.00%	0.00%	0.00%	0.00%	7,647	-	-	-
OTHER INSURANCE	513,372	Treatment	100.00%	0.00%	0.00%	0.00%	513,372	-	-	-
MAINTENANCE - AIR CONDITIONING	6,529	Treatment	100.00%	0.00%	0.00%	0.00%	6,529	-	-	-
MAINTENANCE - AUTO EQUIPMENT	6,440	Treatment	100.00%	0.00%	0.00%	0.00%	6,440	-	-	-
MAINTENANCE-HEAVY EQUIPMENT	21,913	Treatment	100.00%	0.00%	0.00%	0.00%	21,913	-	-	-
MAINTENANCE - OTHER EQUIPMENT	894	Treatment	100.00%	0.00%	0.00%	0.00%	894	-	-	-
OUTSIDE PRINTING	4,076	Treatment	100.00%	0.00%	0.00%	0.00%	4,076	-	-	-
LEGAL ADS	447	Treatment	100.00%	0.00%	0.00%	0.00%	447	-	-	-
LICENSES AND PERMITS	20,152	Treatment	100.00%	0.00%	0.00%	0.00%	20,152	-	-	-
ALL OFFICE SUPPLIES	744	Treatment	100.00%	0.00%	0.00%	0.00%	744	-	-	-
COMPUTER SOFTWARE	18,963	Treatment	100.00%	0.00%	0.00%	0.00%	18,963	-	-	-
COMPUTER HARDWARE UPGRADE	19,346	Treatment	100.00%	0.00%	0.00%	0.00%	19,346	-	-	-
FUEL & LUBRICANTS	50,474	Treatment	100.00%	0.00%	0.00%	0.00%	50,474	-	-	-
TIRES & TUBES	1,342	Treatment	100.00%	0.00%	0.00%	0.00%	1,342	-	-	-
CHEMICALS	2,311,978	Treatment	100.00%	0.00%	0.00%	0.00%	2,311,978	-	-	-
UNIFORMS & CLOTHING	10,932	Treatment	100.00%	0.00%	0.00%	0.00%	10,932	-	-	-
INSTITUTIONAL SUPPLIES	1,329	Treatment	100.00%	0.00%	0.00%	0.00%	1,329	-	-	-
EXPENDABLE TOOLS	6,979	Treatment	100.00%	0.00%	0.00%	0.00%	6,979	-	-	-
OTHER OPERATING SUPPLIES	51,634	Treatment	100.00%	0.00%	0.00%	0.00%	51,634	-	-	-
DUES-MEMBERSHIPS	5,974	Treatment	100.00%	0.00%	0.00%	0.00%	5,974	-	-	-
TUITION/REGISTRATION FEE	7,441	Treatment	100.00%	0.00%	0.00%	0.00%	7,441	-	-	-
WATER TREAT ELECTRIC	1,214,552	Treatment	100.00%	0.00%	0.00%	0.00%	1,214,552	-	-	-
WATER PLANT MAINTENANCE	286,117	Treatment	100.00%	0.00%	0.00%	0.00%	286,117	-	-	-
WELL MAINTENANCE	64,507	Treatment	100.00%	0.00%	0.00%	0.00%	64,507	-	-	-
METER MAINTENANCE	22,360	Treatment	100.00%	0.00%	0.00%	0.00%	22,360	-	-	-
PUMPING EQUIPMENT MAINTENANCE	215,000	Treatment	100.00%	0.00%	0.00%	0.00%	215,000	-	-	-
UTILITY RENEWAL & REPLACEMENT	688,000	Treatment	100.00%	0.00%	0.00%	0.00%	688,000	-	-	-
COMMUNICATION EQUIPMENT MAINT	447	Treatment	100.00%	0.00%	0.00%	0.00%	447	-	-	-
WATER STORAGE TANK MAINTENANCE	81,864	Treatment	100.00%	0.00%	0.00%	0.00%	81,864	-	-	-
OTHER MISC RENEWAL & REPLACEMN	172,000	Treatment	100.00%	0.00%	0.00%	0.00%	172,000	-	-	-
MAINTENANCE-PEST CONTROL	237	Treatment	100.00%	0.00%	0.00%	0.00%	237	-	-	-
OIL/LUBE	1,546	Treatment	100.00%	0.00%	0.00%	0.00%	1,546	-	-	-
OTHER CONTRACTUAL SERVICES	2,303	Treatment	100.00%	0.00%	0.00%	0.00%	2,303	-	-	-

## General & Engineering





Water System Allocation to Functions

Schedule 4

Description	Test Year COS	Allocation Basis/Factor	Supply/Treatment % Allocation	Distribution % Allocation	Transmission % Allocation	Customer % Allocation	Supply/Treatment \$ Allocation	Distribution \$ Allocation	Transmission \$ Allocation	Customer \$ Allocation
REGULAR SALARIES	892,636	Weighted	50.24%	31.66%	6.35%	11.75%	\$ 448,491	\$ 282,580	\$ 56,659	\$ 104,906
OVERTIME	1,869	Weighted	50.24%	31.66%	6.35%	11.75%	939	592	119	220
SPECIAL PAY	9,063	Weighted	50.24%	31.66%	6.35%	11.75%	4,554	2,869	575	1,065
SOCIAL SECURITY MATCHING	55,195	Weighted	50.24%	31.66%	6.35%	11.75%	27,732	17,473	3,503	6,487
RETIREMENT CONTRIBUTION	125,322	Weighted	50.24%	31.66%	6.35%	11.75%	62,966	39,673	7,955	14,728
INSURANCE	144,699	Weighted	50.24%	31.66%	6.35%	11.75%	72,702	45,807	9,185	17,006
WORKERS COMPENSATION	3,017	Weighted	50.24%	31.66%	6.35%	11.75%	1,516	955	191	355
OPEB CONTRIBUTION	4,735	Weighted	50.24%	31.66%	6.35%	11.75%	2,379	1,499	301	556
MEDICARE MATCHING	13,485	Weighted	50.24%	31.66%	6.35%	11.75%	6,776	4,269	856	1,585
CELL PHONE ALLOWANCE	2,119	Weighted	50.24%	31.66%	6.35%	11.75%	1,065	671	135	249
PENSION EXPENSE	186,874	Weighted	50.24%	31.66%	6.35%	11.75%	93,892	59,158	11,861	21,962
LEGAL SERVICES	91,394	Weighted	50.24%	31.66%	6.35%	11.75%	45,919	28,932	5,801	10,741
GENERAL & ADMINISTRATIVE EXP	83,245	Weighted	50.24%	31.66%	6.35%	11.75%	41,825	26,353	5,284	9,783
OTHER PROFESSIONAL SERVICES	1,468,102	Weighted	50.24%	31.66%	6.35%	11.75%	737,625	464,754	93,185	172,538
EXTERNAL AUDITORS	9,177	Weighted	50.24%	31.66%	6.35%	11.75%	4,611	2,905	583	1,079
VEHICLE ALLOWANCE	9,274	Weighted	50.24%	31.66%	6.35%	11.75%	4,660	2,936	589	1,090
ALL TRAVEL	10,716	Weighted	50.24%	31.66%	6.35%	11.75%	5,384	3,392	680	1,259
TELEPHONE	1,280	Weighted	50.24%	31.66%	6.35%	11.75%	643	405	81	150
OTHER COMMUNICATION SERVICES	4,543	Weighted	50.24%	31.66%	6.35%	11.75%	2,283	1,438	288	534
POSTAGE	88	Weighted	50.24%	31.66%	6.35%	11.75%	44	28	6	10
ELECTRIC SERVICES	13,241	Weighted	50.24%	31.66%	6.35%	11.75%	6,653	4,192	840	1,556
WATER & SEWER SERVICES	1,125	Weighted	50.24%	31.66%	6.35%	11.75%	565	356	71	132
RENT-BUILDINGS	35,483	Weighted	50.24%	31.66%	6.35%	11.75%	17,828	11,233	2,252	4,170
AUTOMOTIVE INSURANCE	2,517	Weighted	50.24%	31.66%	6.35%	11.75%	1,264	797	160	296
OTHER INSURANCE	90,430	Weighted	50.24%	31.66%	6.35%	11.75%	45,435	28,627	5,740	10,628
MAINTENANCE - AUTO EQUIPMENT	3,753	Weighted	50.24%	31.66%	6.35%	11.75%	1,886	1,188	238	441
OUTSIDE PRINTING	88	Weighted	50.24%	31.66%	6.35%	11.75%	44	28	6	10
ADVERTISING/EXCEPT LEGAL	221	Weighted	50.24%	31.66%	6.35%	11.75%	111	70	14	26
LEGAL ADS	221	Weighted	50.24%	31.66%	6.35%	11.75%	111	70	14	26
LICENSES AND PERMITS	1,072	Weighted	50.24%	31.66%	6.35%	11.75%	538	339	68	126
ALL OFFICE SUPPLIES	442	Weighted	50.24%	31.66%	6.35%	11.75%	222	140	28	52
COMPUTER SOFTWARE	33,300	Weighted	50.24%	31.66%	6.35%	11.75%	16,731	10,542	2,114	3,914
COMPUTER HARDWARE UPGRADE	517	Weighted	50.24%	31.66%	6.35%	11.75%	260	164	33	61
GIS SUPPLIES	442	Weighted	50.24%	31.66%	6.35%	11.75%	222	140	28	52
FUEL & LUBRICANTS	5,354	Weighted	50.24%	31.66%	6.35%	11.75%	2,690	1,695	340	629
TIRES & TUBES	662	Weighted	50.24%	31.66%	6.35%	11.75%	333	210	42	78
UNIFORMS & CLOTHING	442	Weighted	50.24%	31.66%	6.35%	11.75%	222	140	28	52
EXPENDABLE TOOLS	1,545	Weighted	50.24%	31.66%	6.35%	11.75%	776	489	98	182
OTHER OPERATING SUPPLIES	1,410	Weighted	50.24%	31.66%	6.35%	11.75%	709	446	90	166
BOOKS-MAGAZINES	88	Weighted	50.24%	31.66%	6.35%	11.75%	44	28	6	10
DUES-MEMBERSHIPS	2,230	Weighted	50.24%	31.66%	6.35%	11.75%	1,120	706	142	262
TUITION/REGISTRATION FEE	8,576	Weighted	50.24%	31.66%	6.35%	11.75%	4,309	2,715	544	1,008
GIS INTER-DEPT CHARGES	106,160	Weighted	50.24%	31.66%	6.35%	11.75%	53,338	33,607	6,738	12,476
IS/TELECOM INTER-DEPT CHGS	361,065	Weighted	50.24%	31.66%	6.35%	11.75%	181,411	114,302	22,918	42,434
COMMUNICATION EQUIPMENT MAINT	221	Weighted	50.24%	31.66%	6.35%	11.75%	111	70	14	26
CONTRACTED LABOR SERVICES	34,438	Weighted	50.24%	31.66%	6.35%	11.75%	17,303	10,902	2,186	4,047
OTHER CONTRACTUAL SERVICES	865	Weighted	50.24%	31.66%	6.35%	11.75%	435	274	55	102
INTERNAL PRINTING EXPENSES	1,987	Weighted	50.24%	31.66%	6.35%	11.75%	998	629	126	233
ATTRCTVE ITEMS-LAPTOPS/TABLETS	839	Weighted	50.24%	31.66%	6.35%	11.75%	421	266	53	99
WATER QUAL & TREATMNT FAC EVAL	9,713	Weighted	50.24%	31.66%	6.35%	11.75%	4,880	3,075	617	1,142
<b>Customer Service</b>										
REGULAR SALARIES	953,510	Customer	0.00%	0.00%	0.00%	100.00%	\$ -	\$ -	\$ -	\$ 953,510
PART TIME EMPLOYEES	21,971	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	21,971



Water System Allocation to Functions

Schedule 4

Description	Test Year COS	Allocation Basis/Factor	Supply/Treatment % Allocation	Distribution % Allocation	Transmission % Allocation	Customer % Allocation	Supply/Treatment \$ Allocation	Distribution \$ Allocation	Transmission \$ Allocation	Customer \$ Allocation
OVERTIME	24,677	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	24,677
SPECIAL PAY	13,913	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	13,913
SOCIAL SECURITY MATCHING	60,759	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	60,759
RETIREMENT CONTRIBUTION	143,931	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	143,931
INSURANCE	197,174	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	197,174
WORKERS COMPENSATION	7,752	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	7,752
OPEB CONTRIBUTION	7,825	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	7,825
MEDICARE MATCHING	14,217	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	14,217
GENERAL & ADMINISTRATIVE EXP	86,617	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	86,617
OTHER PROFESSIONAL SERVICES	33,958	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	33,958
EXTERNAL AUDITORS	11,540	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	11,540
CONTRACTED LABOR SERVICES	2,776	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	2,776
ALL TRAVEL	1,148	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	1,148
TELEPHONE	2,830	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	2,830
OTHER COMMUNICATION SERVICES	3,622	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	3,622
POSTAGE	129,515	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	129,515
RENT-BUILDINGS	44,616	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	44,616
AUTOMOTIVE INSURANCE	6,390	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	6,390
OTHER INSURANCE	114,810	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	114,810
MAINTENANCE - AUTO EQUIPMENT	10,995	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	10,995
OUTSIDE PRINTING	25,184	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	25,184
MAINTENANCE-ALARM MONITORING	167	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	167
RECORDING FEES	3,396	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	3,396
LICENSES AND PERMITS	56	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	56
ALL OFFICE SUPPLIES	1,684	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	1,684
COMPUTER SOFTWARE	69,559	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	69,559
COMPUTER HARDWARE UPGRADE	3,412	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	3,412
FUEL & LUBRICANTS	23,309	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	23,309
TIRES & TUBES	1,665	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	1,665
UNIFORMS & CLOTHING	3,275	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	3,275
EXPENDABLE TOOLS	2,749	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	2,749
OTHER OPERATING SUPPLIES	4,275	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	4,275
TUITION/REGISTRATION FEE	1,514	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	1,514
CREDIT CARD FEES	113,808	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	113,808
BAD DEBT-WATER/SEWER	80,849	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	80,849
COMMUNICATION EQUIPMENT MAINT	278	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	278
MAINTENANCE-HEAVY EQUIPMENT	555	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	555
OTHER MISC RENEWAL & REPLACEMN	5,426	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	5,426
INTERNAL PRINTING EXPENSES	1,868	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	1,868
OTHER CONTRACTUAL SERVICES	13,669	Customer	0.00%	0.00%	0.00%	100.00%	-	-	-	13,669

**Water Distribution**

REGULAR SALARIES	1,624,461	Trans/Distr	0.00%	83.30%	16.70%	0.00%	\$	-	\$ 1,353,149	\$ 271,312	\$ -
OVERTIME	218,275	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	181,820	36,456	-
SPECIAL PAY	15,154	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	12,623	2,531	-
SOCIAL SECURITY MATCHING	110,288	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	91,868	18,420	-
RETIREMENT CONTRIBUTION	257,696	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	214,656	43,039	-
INSURANCE	360,082	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	299,942	60,140	-
WORKERS COMPENSATION	32,194	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	26,817	5,377	-
OPEB CONTRIBUTION	11,725	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	9,767	1,958	-
MEDICARE MATCHING	25,805	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	21,495	4,310	-
CELL PHONE ALLOWANCE	1,063	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	885	178	-
GENERAL & ADMINISTRATIVE EXP	156,146	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	130,067	26,079	-
OTHER PROFESSIONAL SERVICES	179,380	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	-	149,420	29,959	-



Water System Allocation to Functions

Schedule 4

Description	Test Year COS	Allocation Basis/Factor	Supply/Treatment % Allocation	Distribution % Allocation	Transmission % Allocation	Customer % Allocation	Supply/Treatment \$ Allocation	Distribution \$ Allocation	Transmission \$ Allocation	Customer \$ Allocation
JANITORIAL SERVICES	21,259	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	17,709	3,551	-
CONTRACTED LABOR SERVICES	22,145	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	18,446	3,699	-
ALL TRAVEL	5,829	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	4,856	974	-
TELEPHONE	2,663	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	2,218	445	-
OTHER COMMUNICATION SERVICES	3,986	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	3,320	666	-
POSTAGE	443	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	369	74	-
GARBAGE AND SOLID WASTE	5,065	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	4,219	846	-
OTHER UTILITY SERVICES	7,568	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	6,304	1,264	-
RENT-HEAVY EQUIPMENT	2,683	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	2,235	448	-
FEC PAYMENTS	35,432	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	29,514	5,918	-
RIGHT OF WAY PAYMENTS	16,830	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	14,019	2,811	-
AUTOMOTIVE INSURANCE	53,530	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	44,589	8,940	-
OTHER INSURANCE	295,323	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	245,999	49,324	-
MAINTENANCE - BUILDINGS	3,509	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	2,923	586	-
MAINTENANCE - AIR CONDITIONING	2,869	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	2,390	479	-
MAINTENANCE - AUTO EQUIPMENT	8,050	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	6,705	1,344	-
MAINTENANCE-HEAVY EQUIPMENT	154,043	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	128,315	25,728	-
MAINTENANCE - OTHER EQUIPMENT	10,939	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	9,112	1,827	-
OUTSIDE PRINTING	1,772	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,476	296	-
MAINTENANCE-ALARM MONITORING	1,516	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,263	253	-
LEGAL ADS	177	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	148	30	-
LICENSES AND PERMITS	1,467	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,222	245	-
ALL OFFICE SUPPLIES	1,772	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,476	296	-
COMPUTER SOFTWARE	10,737	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	8,944	1,793	-
FUEL & LUBRICANTS	145,093	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	120,860	24,233	-
TIRES & TUBES	16,925	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	14,098	2,827	-
UNIFORMS & CLOTHING	21,477	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	17,890	3,587	-
INSTITUTIONAL SUPPLIES	4,429	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	3,689	740	-
EXPENDABLE TOOLS	21,844	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	18,196	3,648	-
OTHER OPERATING SUPPLIES	42,631	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	35,511	7,120	-
PAVING MATERIAL	156,176	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	130,092	26,084	-
LANDSCAPE MATERIALS & SUPPLIES	21,466	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	17,880	3,585	-
TRAFFIC SIGNS	1,789	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,490	299	-
DUES-MEMBERSHIPS	752	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	626	126	-
TUITION/REGISTRATION FEE	10,685	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	8,900	1,785	-
WATER MAIN MAINTENANCE	1,270,908	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,058,645	212,263	-
HYDRANTS AND VALVES MAINTENANCE	375,648	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	312,909	62,739	-
UTILITY RENEWAL & REPLACEMENT	301,860	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	251,444	50,416	-
COMMUNICATION EQUIPMENT MAINT	2,236	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,863	373	-
OTHER MISC RENEWAL & REPLACEMENT	458,380	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	381,823	76,557	-
INTERNAL PRINTING EXPENSES	3,252	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	2,709	543	-
MAINTENANCE-PEST CONTROL	358	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	298	60	-
ATTRACTIVE ITEMS	2,319	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	1,931	387	-
COMMISSIONS AND FEES	716	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	596	120	-
OTHER CONTRACTUAL SERVICES	12,467	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	10,384	2,082	-
METER MAINTENANCE	469,560	Trans/Distr	0.00%	83.30%	16.70%	0.00%	-	391,136	78,424	-
<b>Osprey Marsh</b>										
REGULAR SALARIES	43,782	Treatment	100.00%	0.00%	0.00%	0.00%	\$	43,782	\$	-
OVERTIME	3,749	Treatment	100.00%	0.00%	0.00%	0.00%		3,749	-	-
SOCIAL SECURITY MATCHING	3,030	Treatment	100.00%	0.00%	0.00%	0.00%		3,030	-	-
RETIREMENT CONTRIBUTION	7,065	Treatment	100.00%	0.00%	0.00%	0.00%		7,065	-	-
INSURANCE	8,955	Treatment	100.00%	0.00%	0.00%	0.00%		8,955	-	-
WORKERS COMPENSATION	824	Treatment	100.00%	0.00%	0.00%	0.00%		824	-	-



Water System Allocation to Functions

Schedule 4

Description	Test Year COS	Allocation Basis/Factor	Supply/Treatment % Allocation	Distribution % Allocation	Transmission % Allocation	Customer % Allocation	Supply/Treatment \$ Allocation	Distribution \$ Allocation	Transmission \$ Allocation	Customer \$ Allocation
OPEB CONTRIBUTION	368	Treatment	100.00%	0.00%	0.00%	0.00%	368	-	-	-
MEDICARE MATCHING	710	Treatment	100.00%	0.00%	0.00%	0.00%	710	-	-	-
GENERAL & ADMINISTRATIVE EXP	8,325	Treatment	100.00%	0.00%	0.00%	0.00%	8,325	-	-	-
OTHER PROFESSIONAL SERVICES	40,248	Treatment	100.00%	0.00%	0.00%	0.00%	40,248	-	-	-
ELECTRIC SERVICES	92,446	Treatment	100.00%	0.00%	0.00%	0.00%	92,446	-	-	-
GARBAGE AND SOLID WASTE	27,632	Treatment	100.00%	0.00%	0.00%	0.00%	27,632	-	-	-
MAINTENANCE-HEAVY EQUIPMENT	13,416	Treatment	100.00%	0.00%	0.00%	0.00%	13,416	-	-	-
MAINTENANCE - OTHER EQUIPMENT	447	Treatment	100.00%	0.00%	0.00%	0.00%	447	-	-	-
LICENSES AND PERMITS	89	Treatment	100.00%	0.00%	0.00%	0.00%	89	-	-	-
FUEL & LUBRICANTS	11,546	Treatment	100.00%	0.00%	0.00%	0.00%	11,546	-	-	-
TIRES & TUBES	443	Treatment	100.00%	0.00%	0.00%	0.00%	443	-	-	-
UNIFORMS & CLOTHING	1,019	Treatment	100.00%	0.00%	0.00%	0.00%	1,019	-	-	-
EXPENDABLE TOOLS	222	Treatment	100.00%	0.00%	0.00%	0.00%	222	-	-	-
TUITION/REGISTRATION FEE	632	Treatment	100.00%	0.00%	0.00%	0.00%	632	-	-	-
ALL TRAVEL	97	Treatment	100.00%	0.00%	0.00%	0.00%	97	-	-	-
MAINTENANCE - AIR CONDITIONING	894	Treatment	100.00%	0.00%	0.00%	0.00%	894	-	-	-
DUES-MEMBERSHIPS	56	Treatment	100.00%	0.00%	0.00%	0.00%	56	-	-	-
OTHER MISC RENEWAL & REPLACEMN	129,000	Treatment	100.00%	0.00%	0.00%	0.00%	129,000	-	-	-
WATER & SEWER SERVICES	226	Treatment	100.00%	0.00%	0.00%	0.00%	226	-	-	-
OSPREY MARSH MAINT	4,472	Treatment	100.00%	0.00%	0.00%	0.00%	4,472	-	-	-
MAINTENANCE - BUILDINGS	447	Treatment	100.00%	0.00%	0.00%	0.00%	447	-	-	-
LANDSCAPE MATERIALS & SUPPLIES	4,429	Treatment	100.00%	0.00%	0.00%	0.00%	4,429	-	-	-
PUMPING EQUIPMENT MAINTENANCE	49,571	Treatment	100.00%	0.00%	0.00%	0.00%	49,571	-	-	-
<b>Spoonbill Marsh</b>										
OTHER PROFESSIONAL SERVICES	296,207	Treatment	100.00%	0.00%	0.00%	0.00%	\$ 296,207	\$ -	\$ -	\$ -
ELECTRIC SERVICES	37,191	Treatment	100.00%	0.00%	0.00%	0.00%	37,191	-	-	-
RENT-HEAVY EQUIPMENT	1,772	Treatment	100.00%	0.00%	0.00%	0.00%	1,772	-	-	-
OTHER OPERATING SUPPLIES	443	Treatment	100.00%	0.00%	0.00%	0.00%	443	-	-	-
PAVING MATERIAL	14,173	Treatment	100.00%	0.00%	0.00%	0.00%	14,173	-	-	-
PUMPING EQUIPMENT MAINTENANCE	101,962	Treatment	100.00%	0.00%	0.00%	0.00%	101,962	-	-	-
LEGAL ADS	177	Treatment	100.00%	0.00%	0.00%	0.00%	177	-	-	-
METER MAINTENANCE	894	Treatment	100.00%	0.00%	0.00%	0.00%	894	-	-	-
OTHER MISC RENEWAL & REPLACEMN	129,000	Treatment	100.00%	0.00%	0.00%	0.00%	129,000	-	-	-
MAINTENANCE-HEAVY EQUIPMENT	25,112	Treatment	100.00%	0.00%	0.00%	0.00%	25,112	-	-	-
LICENSES AND PERMITS	6,201	Treatment	100.00%	0.00%	0.00%	0.00%	6,201	-	-	-
SPOONBILL MARSH MAINTENANCE	1,789	Treatment	100.00%	0.00%	0.00%	0.00%	1,789	-	-	-
<b>Other</b>										
Vehicles and Capital Equipment	1,026,779	Weighted	50.24%	31.66%	6.35%	11.75%	515,889	325,045	65,173	120,671
<b>Capital</b>										
Projects Funded with Cash	\$ 3,400,597	CIP	43.31%	38.07%	7.63%	10.98%	\$ 1,472,754	\$ 1,294,753	\$ 259,603	\$ 373,487
Change in Fund Balance	\$ (682,330)	CIP	43.31%	38.07%	7.63%	10.98%	\$ (295,508)	\$ (259,792)	\$ (52,089)	\$ (74,940)
<b>Total Expenses</b>	<b>\$ 26,557,908</b>						<b>\$ 13,343,607</b>	<b>\$ 8,407,386</b>	<b>\$ 1,685,716</b>	<b>\$ 3,121,198</b>
% Allocation							50.2%	31.7%	6.3%	11.8%



## Sewer System Allocation to Functions

## Schedule 5

Description	Test Year COS	Allocation Basis/Factor	Customer % Allocation	Collection % Allocation	Treatment % Allocation	Total % Allocation	Customer \$ Allocation	Collection \$ Allocation	Treatment \$ Allocation
<b>Wastewater Treatment</b>									
REGULAR SALARIES	\$ 1,118,227	Treatment	0.00%	0.00%	100.00%	100.00%	\$ -	\$ -	\$ 1,118,227
OVERTIME	118,193	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	118,193
SPECIAL PAY	14,652	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	14,652
SOCIAL SECURITY MATCHING	73,834	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	73,834
RETIREMENT CONTRIBUTION	188,953	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	188,953
INSURANCE	209,770	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	209,770
WORKERS COMPENSATION	29,080	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	29,080
OPEB CONTRIBUTION	6,235	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	6,235
MEDICARE MATCHING	18,076	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	18,076
CELL PHONE ALLOWANCE	1,047	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,047
GENERAL & ADMINISTRATIVE EXP	107,306	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	107,306
OTHER PROFESSIONAL SERVICES	231,600	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	231,600
ALL TRAVEL	7,310	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	7,310
TELEPHONE	1,551	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,551
POSTAGE	430	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	430
GARBAGE AND SOLID WASTE	109,254	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	109,254
RENT-HEAVY EQUIPMENT	17,200	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	17,200
AUTOMOTIVE INSURANCE	9,257	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	9,257
OTHER INSURANCE	348,995	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	348,995
MAINTENANCE - AIR CONDITIONING	6,976	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	6,976
MAINTENANCE - AUTO EQUIPMENT	6,880	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	6,880
MAINTENANCE-HEAVY EQUIPMENT	27,279	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	27,279
MAINTENANCE - OTHER EQUIPMENT	2,683	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	2,683
LEGAL ADS	531	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	531
LICENSES AND PERMITS	19,488	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	19,488
ALL OFFICE SUPPLIES	886	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	886
COMPUTER SOFTWARE	2,802	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	2,802
FUEL & LUBRICANTS	36,225	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	36,225
TIRES & TUBES	1,806	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,806
CHEMICALS	1,085,508	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,085,508
UNIFORMS & CLOTHING	8,256	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	8,256
INSTITUTIONAL SUPPLIES	2,657	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	2,657
EXPENDABLE TOOLS	7,740	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	7,740
OTHER OPERATING SUPPLIES	11,242	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	11,242
DUES-MEMBERSHIPS	5,573	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	5,573
TUITION/REGISTRATION FEE	7,740	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	7,740
SEWAGE TREATMENT PLANT ELECTRI	724,500	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	724,500
OTHER MISC RENEWAL & REPLACEMN	215,000	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	215,000
SEWAGE PLANT MAINTENANCE	419,326	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	419,326
UTILITY RENEWAL & REPLACEMENT	1,032,000	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,032,000
COMMUNICATION EQUIPMENT MAINT	430	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	430
SEWAGE SLUDGE REMOVAL	483,557	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	483,557
WATER STORAGE TANK MAINTENANCE	1,333	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,333
TRAFFIC SIGNS	443	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	443
INTERNAL PRINTING EXPENSES	354	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	354
MAINTENANCE-PEST CONTROL	709	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	709
LANDSCAPE MATERIALS & SUPPLIES	2,580	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	2,580
OIL/LUBE	15,456	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	15,456
OTHER CONTRACTUAL SERVICES	2,923	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	2,923
METER MAINTENANCE	39,336	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	39,336
PUMPING EQUIPMENT MAINTENANCE	621,849	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	621,849
<b>General &amp; Engineering</b>									
REGULAR SALARIES	898,237	Weighted	6.14%	46.94%	46.92%	100.00%	\$ 55,164	\$ 421,642	\$ 421,430
OVERTIME	1,880	Weighted	6.14%	46.94%	46.92%	100.00%	115	883	882



## Sewer System Allocation to Functions

## Schedule 5

Description	Test Year COS	Allocation Basis/Factor	Customer % Allocation	Collection % Allocation	Treatment % Allocation	Total % Allocation	Customer \$ Allocation	Collection \$ Allocation	Treatment \$ Allocation
SPECIAL PAY	9,120	Weighted	6.14%	46.94%	46.92%	100.00%	560	4,281	4,279
SOCIAL SECURITY MATCHING	55,542	Weighted	6.14%	46.94%	46.92%	100.00%	3,411	26,072	26,059
RETIREMENT CONTRIBUTION	126,109	Weighted	6.14%	46.94%	46.92%	100.00%	7,745	59,197	59,167
INSURANCE	145,607	Weighted	6.14%	46.94%	46.92%	100.00%	8,942	68,350	68,315
WORKERS COMPENSATION	3,036	Weighted	6.14%	46.94%	46.92%	100.00%	186	1,425	1,424
OPEB CONTRIBUTION	4,765	Weighted	6.14%	46.94%	46.92%	100.00%	293	2,237	2,235
MEDICARE MATCHING	13,570	Weighted	6.14%	46.94%	46.92%	100.00%	833	6,370	6,367
CELL PHONE ALLOWANCE	2,133	Weighted	6.14%	46.94%	46.92%	100.00%	131	1,001	1,001
PENSION EXPENSE	188,046	Weighted	6.14%	46.94%	46.92%	100.00%	11,549	88,271	88,227
LEGAL SERVICES	91,967	Weighted	6.14%	46.94%	46.92%	100.00%	5,648	43,170	43,149
GENERAL & ADMINISTRATIVE EXP	83,768	Weighted	6.14%	46.94%	46.92%	100.00%	5,145	39,322	39,302
OTHER PROFESSIONAL SERVICES	1,477,312	Weighted	6.14%	46.94%	46.92%	100.00%	90,728	693,467	693,118
EXTERNAL AUDITORS	9,235	Weighted	6.14%	46.94%	46.92%	100.00%	567	4,335	4,333
VEHICLE ALLOWANCE	9,332	Weighted	6.14%	46.94%	46.92%	100.00%	573	4,381	4,378
ALL TRAVEL	10,784	Weighted	6.14%	46.94%	46.92%	100.00%	662	5,062	5,059
TELEPHONE	1,288	Weighted	6.14%	46.94%	46.92%	100.00%	79	605	604
OTHER COMMUNICATION SERVICES	4,572	Weighted	6.14%	46.94%	46.92%	100.00%	281	2,146	2,145
POSTAGE	89	Weighted	6.14%	46.94%	46.92%	100.00%	5	42	42
ELECTRIC SERVICES	13,324	Weighted	6.14%	46.94%	46.92%	100.00%	818	6,254	6,251
WATER & SEWER SERVICES	1,132	Weighted	6.14%	46.94%	46.92%	100.00%	70	532	531
RENT-BUILDINGS	35,705	Weighted	6.14%	46.94%	46.92%	100.00%	2,193	16,761	16,752
AUTOMOTIVE INSURANCE	2,532	Weighted	6.14%	46.94%	46.92%	100.00%	156	1,189	1,188
OTHER INSURANCE	90,998	Weighted	6.14%	46.94%	46.92%	100.00%	5,589	42,715	42,694
MAINTENANCE - AUTO EQUIPMENT	3,776	Weighted	6.14%	46.94%	46.92%	100.00%	232	1,773	1,772
OUTSIDE PRINTING	89	Weighted	6.14%	46.94%	46.92%	100.00%	5	42	42
ADVERTISING/EXCEPT LEGAL	222	Weighted	6.14%	46.94%	46.92%	100.00%	14	104	104
LEGAL ADS	222	Weighted	6.14%	46.94%	46.92%	100.00%	14	104	104
LICENSES AND PERMITS	1,078	Weighted	6.14%	46.94%	46.92%	100.00%	66	506	506
ALL OFFICE SUPPLIES	444	Weighted	6.14%	46.94%	46.92%	100.00%	27	209	208
COMPUTER SOFTWARE	33,509	Weighted	6.14%	46.94%	46.92%	100.00%	2,058	15,729	15,722
COMPUTER HARDWARE UPGRADE	521	Weighted	6.14%	46.94%	46.92%	100.00%	32	244	244
GIS SUPPLIES	444	Weighted	6.14%	46.94%	46.92%	100.00%	27	209	208
FUEL & LUBRICANTS	5,388	Weighted	6.14%	46.94%	46.92%	100.00%	331	2,529	2,528
TIRES & TUBES	666	Weighted	6.14%	46.94%	46.92%	100.00%	41	313	313
UNIFORMS & CLOTHING	444	Weighted	6.14%	46.94%	46.92%	100.00%	27	209	208
EXPENDABLE TOOLS	1,555	Weighted	6.14%	46.94%	46.92%	100.00%	95	730	730
OTHER OPERATING SUPPLIES	1,419	Weighted	6.14%	46.94%	46.92%	100.00%	87	666	666
BOOKS-MAGAZINES	89	Weighted	6.14%	46.94%	46.92%	100.00%	5	42	42
DUES-MEMBERSHIPS	2,244	Weighted	6.14%	46.94%	46.92%	100.00%	138	1,053	1,053
TUITION/REGISTRATION FEE	8,630	Weighted	6.14%	46.94%	46.92%	100.00%	530	4,051	4,049
GIS INTER-DEPT CHARGES	106,826	Weighted	6.14%	46.94%	46.92%	100.00%	6,561	50,145	50,120
IS/TELECOM INTER-DEPT CHGS	363,330	Weighted	6.14%	46.94%	46.92%	100.00%	22,314	170,551	170,465
COMMUNICATION EQUIPMENT MAINT	222	Weighted	6.14%	46.94%	46.92%	100.00%	14	104	104
CONTRACTED LABOR SERVICES	34,654	Weighted	6.14%	46.94%	46.92%	100.00%	2,128	16,267	16,259
OTHER CONTRACTUAL SERVICES	871	Weighted	6.14%	46.94%	46.92%	100.00%	53	409	409
INTERNAL PRINTING EXPENSES	1,999	Weighted	6.14%	46.94%	46.92%	100.00%	123	938	938
ATTRCTVE ITEMS-LAPTOPS/TABLETS	844	Weighted	6.14%	46.94%	46.92%	100.00%	52	396	396
WATER QUAL & TREATMNT FAC EVAL	9,774	Weighted	6.14%	46.94%	46.92%	100.00%	600	4,588	4,586
<b>Bio-Solids Operations</b>									
OTHER PROFESSIONAL SERVICES	403,220	Treatment	0.00%	0.00%	100.00%	100.00%	\$ -	\$ -	\$ 403,220
EXTERNAL AUDITORS	1,536	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,536
TELEPHONE	89	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	89
WATER & SEWER SERVICES	633	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	633
GARBAGE AND SOLID WASTE	288,033	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	288,033
OTHER INSURANCE	41,782	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	41,782





## Sewer System Allocation to Functions

## Schedule 5

Description	Test Year COS	Allocation Basis/Factor	Customer % Allocation	Collection % Allocation	Treatment % Allocation	Total % Allocation	Customer \$ Allocation	Collection \$ Allocation	Treatment \$ Allocation
MAINTENANCE - AIR CONDITIONING	1,860	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,860
MAINTENANCE-HEAVY EQUIPMENT	8,338	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	8,338
MAINTENANCE-ALARM MONITORING	610	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	610
LICENSES AND PERMITS	89	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	89
FUEL & LUBRICANTS	1,449	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,449
CHEMICALS	47,817	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	47,817
OTHER OPERATING SUPPLIES	4,376	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	4,376
SLUDGE FACILITY ELECTRIC	97,152	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	97,152
UTILITY RENEWAL & REPLACEMENT	430,000	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	430,000
SLUDGE FACILITY MAINTENANCE	57,824	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	57,824
LEGAL ADS	222	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	222
ALL OFFICE SUPPLIES	177	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	177
RENT-HEAVY EQUIPMENT	1,329	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	1,329
INTERNAL PRINTING EXPENSES	133	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	133
EXPENDABLE TOOLS	665	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	665
METER MAINTENANCE	3,174	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	3,174
PUMPING EQUIPMENT MAINTENANCE	70,671	Treatment	0.00%	0.00%	100.00%	100.00%	-	-	70,671
<b>Customer Service</b>									
REGULAR SALARIES	567,888	Customer	100.00%	0.00%	0.00%	100.00%	\$ 567,888	\$ -	\$ -
PART TIME EMPLOYEES	13,086	Customer	100.00%	0.00%	0.00%	100.00%	13,086	-	-
OVERTIME	14,697	Customer	100.00%	0.00%	0.00%	100.00%	14,697	-	-
SPECIAL PAY	8,286	Customer	100.00%	0.00%	0.00%	100.00%	8,286	-	-
SOCIAL SECURITY MATCHING	36,186	Customer	100.00%	0.00%	0.00%	100.00%	36,186	-	-
RETIREMENT CONTRIBUTION	85,722	Customer	100.00%	0.00%	0.00%	100.00%	85,722	-	-
INSURANCE	117,433	Customer	100.00%	0.00%	0.00%	100.00%	117,433	-	-
WORKERS COMPENSATION	4,617	Customer	100.00%	0.00%	0.00%	100.00%	4,617	-	-
OPEB CONTRIBUTION	4,660	Customer	100.00%	0.00%	0.00%	100.00%	4,660	-	-
MEDICARE MATCHING	8,467	Customer	100.00%	0.00%	0.00%	100.00%	8,467	-	-
GENERAL & ADMINISTRATIVE EXP	51,587	Customer	100.00%	0.00%	0.00%	100.00%	51,587	-	-
OTHER PROFESSIONAL SERVICES	20,225	Customer	100.00%	0.00%	0.00%	100.00%	20,225	-	-
EXTERNAL AUDITORS	6,873	Customer	100.00%	0.00%	0.00%	100.00%	6,873	-	-
CONTRACTED LABOR SERVICES	1,653	Customer	100.00%	0.00%	0.00%	100.00%	1,653	-	-
ALL TRAVEL	683	Customer	100.00%	0.00%	0.00%	100.00%	683	-	-
TELEPHONE	1,685	Customer	100.00%	0.00%	0.00%	100.00%	1,685	-	-
OTHER COMMUNICATION SERVICES	2,157	Customer	100.00%	0.00%	0.00%	100.00%	2,157	-	-
POSTAGE	77,136	Customer	100.00%	0.00%	0.00%	100.00%	77,136	-	-
RENT-BUILDINGS	26,572	Customer	100.00%	0.00%	0.00%	100.00%	26,572	-	-
AUTOMOTIVE INSURANCE	3,806	Customer	100.00%	0.00%	0.00%	100.00%	3,806	-	-
OTHER INSURANCE	68,378	Customer	100.00%	0.00%	0.00%	100.00%	68,378	-	-
MAINTENANCE - AUTO EQUIPMENT	6,549	Customer	100.00%	0.00%	0.00%	100.00%	6,549	-	-
OUTSIDE PRINTING	14,999	Customer	100.00%	0.00%	0.00%	100.00%	14,999	-	-
MAINTENANCE-ALARM MONITORING	99	Customer	100.00%	0.00%	0.00%	100.00%	99	-	-
RECORDING FEES	2,022	Customer	100.00%	0.00%	0.00%	100.00%	2,022	-	-
LICENSES AND PERMITS	33	Customer	100.00%	0.00%	0.00%	100.00%	33	-	-
ALL OFFICE SUPPLIES	1,003	Customer	100.00%	0.00%	0.00%	100.00%	1,003	-	-
COMPUTER SOFTWARE	41,428	Customer	100.00%	0.00%	0.00%	100.00%	41,428	-	-
COMPUTER HARDWARE UPGRADE	2,032	Customer	100.00%	0.00%	0.00%	100.00%	2,032	-	-
FUEL & LUBRICANTS	13,882	Customer	100.00%	0.00%	0.00%	100.00%	13,882	-	-
TIRES & TUBES	992	Customer	100.00%	0.00%	0.00%	100.00%	992	-	-
UNIFORMS & CLOTHING	1,951	Customer	100.00%	0.00%	0.00%	100.00%	1,951	-	-
EXPENDABLE TOOLS	1,637	Customer	100.00%	0.00%	0.00%	100.00%	1,637	-	-
OTHER OPERATING SUPPLIES	2,546	Customer	100.00%	0.00%	0.00%	100.00%	2,546	-	-
TUITION/REGISTRATION FEE	902	Customer	100.00%	0.00%	0.00%	100.00%	902	-	-
CREDIT CARD FEES	67,781	Customer	100.00%	0.00%	0.00%	100.00%	67,781	-	-
BAD DEBT-WATER/SEWER	48,151	Customer	100.00%	0.00%	0.00%	100.00%	48,151	-	-



## Sewer System Allocation to Functions

## Schedule 5

Description	Test Year COS	Allocation Basis/Factor	Customer % Allocation	Collection % Allocation	Treatment % Allocation	Total % Allocation	Customer \$ Allocation	Collection \$ Allocation	Treatment \$ Allocation
COMMUNICATION EQUIPMENT MAINT	165	Customer	100.00%	0.00%	0.00%	100.00%	165	-	-
MAINTENANCE-HEAVY EQUIPMENT	331	Customer	100.00%	0.00%	0.00%	100.00%	331	-	-
OTHER MISC RENEWAL & REPLACEMN	3,232	Customer	100.00%	0.00%	0.00%	100.00%	3,232	-	-
INTERNAL PRINTING EXPENSES	1,112	Customer	100.00%	0.00%	0.00%	100.00%	1,112	-	-
OTHER CONTRACTUAL SERVICES	8,141	Customer	100.00%	0.00%	0.00%	100.00%	8,141	-	-
<b>Wastewater Collection</b>									
REGULAR SALARIES	1,556,568	Collection	0.00%	100.00%	0.00%	100.00%	\$ -	\$ 1,556,568	\$ -
OVERTIME	111,554	Collection	0.00%	100.00%	0.00%	100.00%	-	111,554	-
SPECIAL PAY	24,566	Collection	0.00%	100.00%	0.00%	100.00%	-	24,566	-
SOCIAL SECURITY MATCHING	98,900	Collection	0.00%	100.00%	0.00%	100.00%	-	98,900	-
RETIREMENT CONTRIBUTION	241,339	Collection	0.00%	100.00%	0.00%	100.00%	-	241,339	-
INSURANCE	335,003	Collection	0.00%	100.00%	0.00%	100.00%	-	335,003	-
WORKERS COMPENSATION	31,909	Collection	0.00%	100.00%	0.00%	100.00%	-	31,909	-
OPEB CONTRIBUTION	9,910	Collection	0.00%	100.00%	0.00%	100.00%	-	9,910	-
MEDICARE MATCHING	23,141	Collection	0.00%	100.00%	0.00%	100.00%	-	23,141	-
CELL PHONE ALLOWANCE	531	Collection	0.00%	100.00%	0.00%	100.00%	-	531	-
GENERAL & ADMINISTRATIVE EXP	148,046	Collection	0.00%	100.00%	0.00%	100.00%	-	148,046	-
OTHER PROFESSIONAL SERVICES	20,367	Collection	0.00%	100.00%	0.00%	100.00%	-	20,367	-
CONTRACTED LABOR SERVICES	4,429	Collection	0.00%	100.00%	0.00%	100.00%	-	4,429	-
ALL TRAVEL	5,740	Collection	0.00%	100.00%	0.00%	100.00%	-	5,740	-
TELEPHONE	820	Collection	0.00%	100.00%	0.00%	100.00%	-	820	-
OTHER COMMUNICATION SERVICES	6,656	Collection	0.00%	100.00%	0.00%	100.00%	-	6,656	-
POSTAGE	882	Collection	0.00%	100.00%	0.00%	100.00%	-	882	-
GARBAGE AND SOLID WASTE	31,145	Collection	0.00%	100.00%	0.00%	100.00%	-	31,145	-
OTHER UTILITY SERVICES	7,826	Collection	0.00%	100.00%	0.00%	100.00%	-	7,826	-
RENT-HEAVY EQUIPMENT	1,342	Collection	0.00%	100.00%	0.00%	100.00%	-	1,342	-
AUTOMOTIVE INSURANCE	46,732	Collection	0.00%	100.00%	0.00%	100.00%	-	46,732	-
OTHER INSURANCE	295,323	Collection	0.00%	100.00%	0.00%	100.00%	-	295,323	-
MAINTENANCE - BUILDINGS	15,480	Collection	0.00%	100.00%	0.00%	100.00%	-	15,480	-
MAINTENANCE - AIR CONDITIONING	3,220	Collection	0.00%	100.00%	0.00%	100.00%	-	3,220	-
MAINTENANCE - AUTO EQUIPMENT	1,342	Collection	0.00%	100.00%	0.00%	100.00%	-	1,342	-
MAINTENANCE-HEAVY EQUIPMENT	194,858	Collection	0.00%	100.00%	0.00%	100.00%	-	194,858	-
MAINTENANCE - OTHER EQUIPMENT	12,814	Collection	0.00%	100.00%	0.00%	100.00%	-	12,814	-
OUTSIDE PRINTING	3,406	Collection	0.00%	100.00%	0.00%	100.00%	-	3,406	-
LEGAL ADS	185	Collection	0.00%	100.00%	0.00%	100.00%	-	185	-
LICENSES AND PERMITS	531	Collection	0.00%	100.00%	0.00%	100.00%	-	531	-
COMPUTER SOFTWARE	8,858	Collection	0.00%	100.00%	0.00%	100.00%	-	8,858	-
COMPUTER HARDWARE UPGRADE	1,250	Collection	0.00%	100.00%	0.00%	100.00%	-	1,250	-
FUEL & LUBRICANTS	107,180	Collection	0.00%	100.00%	0.00%	100.00%	-	107,180	-
TIRES & TUBES	15,239	Collection	0.00%	100.00%	0.00%	100.00%	-	15,239	-
UNIFORMS & CLOTHING	14,744	Collection	0.00%	100.00%	0.00%	100.00%	-	14,744	-
EXPENDABLE TOOLS	15,437	Collection	0.00%	100.00%	0.00%	100.00%	-	15,437	-
OTHER OPERATING SUPPLIES	49,605	Collection	0.00%	100.00%	0.00%	100.00%	-	49,605	-
PAVING MATERIAL	4,472	Collection	0.00%	100.00%	0.00%	100.00%	-	4,472	-
LANDSCAPE MATERIALS & SUPPLIES	877	Collection	0.00%	100.00%	0.00%	100.00%	-	877	-
TRAFFIC SIGNS	1,329	Collection	0.00%	100.00%	0.00%	100.00%	-	1,329	-
DUES-MEMBERSHIPS	212	Collection	0.00%	100.00%	0.00%	100.00%	-	212	-
TUITION/REGISTRATION FEE	6,882	Collection	0.00%	100.00%	0.00%	100.00%	-	6,882	-
LIFT STATION ELECTRIC	446,292	Collection	0.00%	100.00%	0.00%	100.00%	-	446,292	-
LIFT STATION MAINTENANCE	955,047	Collection	0.00%	100.00%	0.00%	100.00%	-	955,047	-
SEWER MAIN MAINTENANCE	657,675	Collection	0.00%	100.00%	0.00%	100.00%	-	657,675	-
UTILITY RENEWAL & REPLACEMENT	344,000	Collection	0.00%	100.00%	0.00%	100.00%	-	344,000	-
COMMUNICATION EQUIPMENT MAINT	2,236	Collection	0.00%	100.00%	0.00%	100.00%	-	2,236	-
OTHER MISC RENEWAL & REPLACEMN	387,000	Collection	0.00%	100.00%	0.00%	100.00%	-	387,000	-
OTHER CONTRACTUAL SERVICES	8,449	Collection	0.00%	100.00%	0.00%	100.00%	-	8,449	-





Sewer System Allocation to Functions

Schedule 5

Description	Test Year COS	Allocation Basis/Factor	Customer % Allocation	Collection % Allocation	Treatment % Allocation	Total % Allocation	Customer \$ Allocation	Collection \$ Allocation	Treatment \$ Allocation
<b>Other</b>									
Vehicles and Capital Equipment	1,033,221	Weighted	6.14%	46.94%	46.92%	100.00%	63,454	485,005	484,761
<b>Capital</b>									
Projects Funded with Cash	\$ 6,709,971	CIP	0.00%	74.33%	25.67%	100.00%	\$ -	\$ 4,987,576	\$ 1,722,394
Change in Fund Balance	\$ (1,346,356)	CIP	0.00%	74.33%	25.67%	100.00%	\$ -	\$ (1,000,757)	\$ (345,598)
<b>Total Expenses</b>	<b>\$ 26,724,530</b>						<b>\$ 1,641,258</b>	<b>\$ 12,544,793</b>	<b>\$ 12,538,479</b>
% Allocation							6.1%	46.9%	46.9%

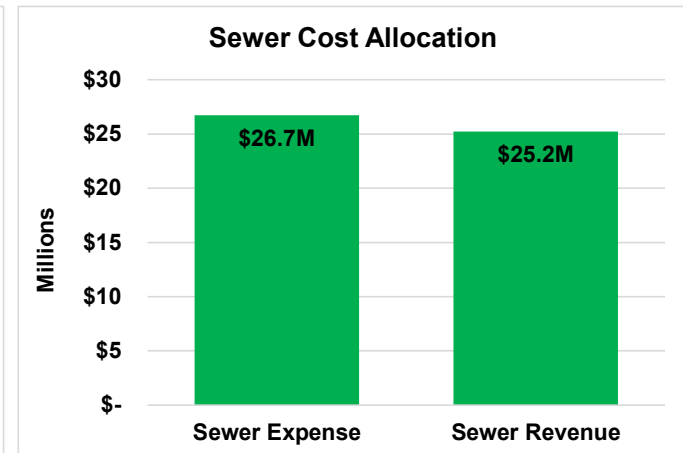
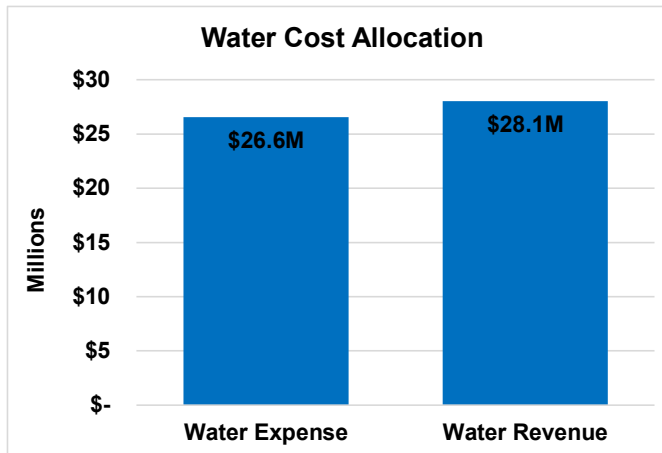


## Cost Allocation Summary Table

## Schedule 6

Expense Type	Water Expense	% of Total	Water Revenue	% of Total	Sewer Expense	% of Total	Sewer Revenue	% of Total
Wastewater Treatment	\$ -				\$ 7,405,037			
Water Production	8,654,433				-			
General & Engineering	3,835,282				3,859,345			
Bio-Solids Operations	-				1,461,177			
Customer Service	2,251,241				1,340,787			
Wastewater Collection	-				6,261,349			
Water Distribution	7,002,844				-			
Osprey Marsh	454,142				-			
Spoonbill Marsh	614,920				-			
Other	1,026,779				1,033,221			
Projects Funded with Cash	3,400,597				6,709,971			
Change in Fund Balance	(682,330)				(1,346,356)			
<b>Total</b>	<b>\$ 26,557,908</b>	<b>50%</b>	<b>\$ 28,051,376</b>	<b>53%</b>	<b>\$ 26,724,530</b>	<b>50%</b>	<b>\$ 25,231,062</b>	<b>47%</b>

WATER		SEWER	
Cost Allocation Variance	\$ 1,493,468	Cost Allocation Variance	\$ (1,493,468)



## Bulk Water Rates

## Schedule 7

Description	Test Year Costs	Customer	Distribution	Transmission	Treatment
<b>Allocated Water System Costs</b>	<b>\$ 26,557,908</b>	\$ 3,121,198	\$ 8,407,386	\$ 1,685,716	\$ 13,343,607
		Bills	1,000 gals.	1,000 gals.	1,000 gals.
Units of Service		667,188	3,627,099	3,627,099	3,627,099
		\$ per Bill	\$ per 1,000 gals.	\$ per 1,000 gals.	\$ per 1,000 gals.
Unit Cost of Service		\$ 4.68	\$ 2.32	\$ 0.46	\$ 3.68
Allocated Bulk Water Unit Cost of Service per 1,000 gals.	\$ 4.14	\$ -	\$ -	\$ 0.46	\$ 3.68



## Bulk Sewer Rates

## Schedule 8

Description	Test Year Costs	Customer	Collection		Treatment
			Allocable to Retail	Allocable to All	
			\$12,544,793		
<b>Allocated Sewer System Costs <sup>1</sup></b>	<b>\$ 26,724,530</b>	\$ 1,641,258	\$ 8,397,475	\$ 4,147,318	\$ 12,538,479

Notes:

1) Allocation of collection system costs allocable to all customers based on inch-feet analysis on IRCDUS' inventory of gravity sewers and force mains by length and diameter.

	Bills	1,000 gals.	1,000 gals.	1,000 gals.
Units of Service	402,828	2,173,400	2,196,876	2,196,876
	\$ per Bill	\$ per 1,000 gals.	\$ per 1,000 gals.	\$ per 1,000 gals.
Unit Cost of Service	\$ 4.07	\$ 3.86	\$ 1.89	\$ 5.71

Test Year Costs (excl. Customer Costs) \$ 25,083,272

Test Year Billed Sewer Volume (1,000 gals.) 2,196,876

Unit Cost of Service \$ 11.42

Allocated Bulk Sewer Unit Cost of Service per 1,000 gals.	\$ 7.60	\$ -	\$ -	\$ 1.89	\$ 5.71
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Bulk Unit Cost as % of Retail 67%

### Bulk Sewer Rate Design

	Existing (FY 24)	Proposed (FY 25)	Notes:
Billing Charge - per account per month	\$ 1.47	\$ 1.82	Proposed FY 25 Sewer Rate Increase
Service availability charge - per ERU	\$ 15.24	\$ 14.62	67% of Proposed FY 25 Retail Rate
Volumetric charge - per 1,000 gallons water meter basis	\$ 2.99	\$ 3.54	Scaled by the Sewer meter basis volumetric charge
Volumetric charge - per 1,000 gallons sewer meter basis	\$ 3.39	\$ 4.02	67% of Proposed FY 25 Retail Rate
Excess volume surcharge - greater than 7,600 gallons per month - per ERU	\$ 5.06	\$ 6.03	1.5X the volumetric rate



# Fire Services

# Schedule 9

Units of Service	Number of Services	Demand Factor <sup>2</sup>	Demand Factor	Equivalent Units	Distribution
Public Hydrants	4,787	111.31	1.00	4,787	91.5%
Private Hydrants	193	111.31	1.00	193	3.7%
Private Fire Lines <sup>1</sup>					
6" (Assumed)	254	111.31	1.00	254	
Subtotal	254			254	4.9%
Total				5,234	

Notes:

1) Private fire lines are assumed to be 6"

2) Demand factor calculated based on the Hazen-Williams equation for flow through pressure conduits as diameter raised to power of 2.63.

	Public Hydrants	Private Hydrants	Private Lines	Test Year Costs
	\$ 2,100,639	\$ 84,693	\$ 111,461	\$ 2,296,792
	91.5%	3.7%	4.9%	
Units of Service				254
Annual Unit Cost				\$ 438.82
Monthly Unit Cost				\$ 36.57

Private Fire Lines	Existing	Proposed
Monthly Charge per Connection	\$ 17.23	\$ 36.57

Line	Description	IRCDUS	Source/Notes:
1	Maximum Hour Demand (MGD)	28.75	2.5 times ADF per discussion with IRCDUS Staff
2	Peak Hour Flow (GPM)	19,965	Line 1 converted to gallons per minute
3	Residential Accounts	52,263	
4	Persons per Household	2.42	U.S. Census Bureau
5	Population Served (Estimate)	126,477	Line 3 * Line 4
6	Maine Curve Ratio	1.96	Source: AWWA M1 Manual, 7th Ed. Page 159. Formula = 1,020 SQRT of Population (000s) * (1 - 0.01 SQRT Population (000s)
7	% of Revenue to Public Fire Protection	9.0%	Estimated per result of Line 6 on Maine Curve
8	Test Year Water System Revenues	\$ 25,519,910	Schedule 1
9	Cost Attributed to Fire Protection	\$ 2,296,792	Line 7 * Line 8



## Reclaimed Water Costs

## Schedule 10

### Description

### **Notes:**

Allocated Wastewater Treatment Costs	\$	1,059,254	Schedule 5
Allocated Reclaimed Water Distribution Costs		769,512	Schedule 5
Total Allocated Reclaimed Water Costs	\$	1,828,766	
Test Year Wastewater Effluent (1,000 Gallons)		2,007,500	5.5 MGD
Reclaimed Water Unit Cost per (1,000 Gallons)	\$	0.91	

### Notes:

- 1) The recommendation from the rate study is to apply the sewer rate increases to reclaimed water to move the rate closer to cost of service over time.



## Septage and Sludge Rates

## Schedule 11

<u>Description</u>	<u>Notes:</u>	
Septage and Sludge Costs		
Biosolids Facility Expenses	\$ 1,461,177	Schedule 5
Sludge Removal at WWTF	483,557	Schedule 5
Indirect Operating Cost Allowance	315,485	Allocated General & Engineering O&M costs from Schedule 5
Capital Cost Allowance	359,926	Allocated capital costs from Schedule 5 to septage and sludge
<hr/> Total Septage and Sludge Costs	<hr/> \$ 2,620,145	
Test Year Wet Tons Managed by IRCDUS	100,536	
Cost per Wet Ton	\$ 26.06	
Cost per 1,000 Gallons	\$ 108.75	



# APPENDIX C: PROPOSED RATES

Schedule 1    Proposed FY 2025 and FY 2026 Rates





**Existing and Proposed Rates****Schedule 1**

<u>Water</u>	<u>Existing</u>	<u>Proposed FY 2025</u> Effective 10/1/24	<u>Proposed FY 2026</u> Effective 10/1/25
Service Availability Charge:			
Single-Family and Commercial (per ERU)	\$9.94	\$11.13	\$12.47
Manufactured Home and Multi-Family 0.85 (per ERU)	\$8.45	\$9.46	\$10.60
Volumetric Charge - Water:			
0 - 4,000 gallons per month per connection - per 1,000 gallons	\$2.50	\$2.80	\$3.14
4,001 - 7,000 gallons per month per connection - per 1,000 gallons	\$2.92	\$3.27	\$3.66
7,001 - 12,000 gallons per month per connection - per 1,000 gallons	\$5.63	\$6.31	\$7.07
12,001 and over gallons per month per connection - per 1,000 gallons	\$11.09	\$12.42	\$13.91
<u>Sewer</u>			
Service Availability Charge:			
Single-Family and Commercial (per ERU)	\$17.73	\$21.99	\$24.63
Manufactured Home and Multi-Family 0.85 (per ERU)	\$15.07	\$18.69	\$20.93
Volumetric Charge - Sewer:			
0 - 12,000 gallons per month per connection - per 1,000 gallons	\$3.25	\$4.03	\$4.51
12,001 gallons (billed water flow) per 1,000 gallons	\$4.87	\$6.04	\$6.76
Volumetric Charge for Mobile Home or Manufactured Home:			
To be used only for sewer only account already established as of January 1, 2013 and new accounts after January 1, 2013 only if county water is unavailable	\$9.75	\$12.09	\$13.54
Volumetric Charge for single family homes under 3,500 square feet:	\$22.76	\$27.31	\$30.04
To be used only for sewer only account already established as of January 1, 2013 and new accounts after January 1, 2013 only if county water is unavailable			
Volumetric Charge for single family homes over 3,500 square feet:	\$39.01	\$48.37	\$54.17
To be used only for sewer only account already established as of January 1, 2013 and new accounts after January 1, 2013 only if county water is unavailable			
<u>Bulk Water</u>			
Volumetric charge - per 1,000 gallons water meter basis	N/A	\$4.14	\$4.64
<u>Bulk Sewer</u>			
Billing charge - per account per month	\$1.47	\$1.82	\$2.04
Service availability charge - per ERU	\$15.24	\$14.62	\$16.37
Volumetric charge - per 1,000 gallons water meter basis	\$2.99	\$3.55	\$3.97
Volumetric charge - per 1,000 gallons sewer meter basis	\$3.39	\$4.02	\$4.50
Excess volume surcharge - greater than 7,600 gallons per month - per ERU	\$5.06	\$6.03	\$6.75
*Surcharge for bulk users will apply to flow exceeding total capacity reserved by bulk user in all meters			
<u>Inflow and Infiltration (I&amp;I)</u>			
I&I per thousand gallons up to 12,000 (per ERU)	\$6.50	\$8.06	\$9.03
I&I per thousand gallons over 12,000 (per ERU)	\$19.06	\$23.63	\$26.47
<u>Non-pressurized Reclaimed Water</u>			
Per 1,000 gallons	\$0.24	\$0.30	\$0.34
<u>Sludge and Septage</u>			
Charge per 1,000 gallons (a)	\$71.14	\$108.75	\$121.80
Charge per wet ton (b)	\$17.05	\$26.06	\$29.19
One-time dump fee for recreational vehicle - per dump	\$11.35	\$17.35	\$19.43



## APPENDIX D: MISCELLANEOUS FEES

### Schedule 1 Proposed Miscellaneous Fees



## Other Rates, Fees, and Charges

## Schedule 1

Line	USER FEES	Current FY 24 (\$)	Calculated (\$)	Proposed FY 25 (\$)	Change (\$)
1	Deposits - Hydrant Meter	\$345.00	\$240.00	\$345.00	\$-
2	New Account fee (due to opening or re-opening an account)	\$28.41	\$25.31	\$25.00	\$(3.41)
3	Charge for returned check	Florida Statute Section 832.08	-	Florida Statute Section 832.08	N/A
4	Issuance of duplicate bill	\$1.71	\$2.59	\$2.60	\$0.89
5	Meter removal fee	\$85.23	\$165.08	\$165.00	\$79.77
6	Water service connection - 2" to 12" Main	\$2,785.00	\$3,627.03	\$3,625.00	\$840.00
7	Water service connection - Greater than 12" Main	Cost plus overhead	-	Cost plus overhead	N/A
8	Sewer service connection - 2" to 12" Force Main	\$2,895.00	\$3,835.40	\$3,835.00	\$940.00
9	Sewer service connection - Greater than 12: Force Main	Cost plus overhead	-	Cost plus overhead	N/A
10	Unauthorized use of fire hydrants-per occurrence	\$130.69	-	\$500.00	\$369.31
11	Meter Installation - 5/8"	\$130.00	\$571.76	\$570.00	\$440.00
12	Meter Installation - 1"	\$250.00	\$693.14	\$695.00	\$445.00
13	Meter Installation - 1.5" - Obsolete remove from charges	\$500.00	-	Remove	N/A
14	Meter Installation - 2" and larger	Cost plus overhead	\$1,781.71	\$1,800.00	N/A
15	Meter Installation - hydrant meter	Cost plus overhead	\$359.72	\$360.00	N/A
16	New Line extension fees - water	Cost plus overhead	-	Cost plus overhead	N/A
17	New Line extension fees - sewer	Cost plus overhead	-	Cost plus overhead	N/A
18	Existing Line extension fee (per lot linear foot) - water <sup>1</sup>	\$11.25	N/A	\$40.00	\$28.75
19	Existing Line extension fee (per lot linear foot) - sewer <sup>1</sup>	\$15.77	N/A	\$60.00	\$44.23
20	Water service disconnection determined by IRCDUS/Includes Reconnect	\$85.23	\$187.44	\$90.00	\$4.77
21	Customer requested disconnect	\$85.23	\$95.00	\$90.00	\$4.77
22	Customer requested reconnect	\$85.23	\$95.00	\$90.00	\$4.77
23	Inspection fee - during Inspector's regular hours	\$85.23	\$62.42	\$62.00	\$(23.23)
24	Inspection fee - after hours - only in unique circumstances	Cost plus overhead	-	Cost plus overhead	N/A
25	Service call - during hours	\$85.23	\$127.79	\$90.00	\$4.77
26	Service call - after hours	\$107.96	\$201.11	\$125.00	\$17.04
27	Delinquency Charge	2.00 plus 1.5% per month	-	2.00 plus 1.5% per month	N/A
28	Meter test 5/8" and 2"	\$85.23	\$128.05	\$90.00	\$4.77
29	Meter test 5/8" and 1" - off site (obsolete, remove charge)	Cost plus overhead	-	Cost plus overhead	N/A
30	Meter test 2.0" and larger	Cost plus overhead	-	Cost plus overhead	N/A
31	Damage repair	Cost plus overhead	-	Cost plus overhead	N/A
32	Line location	Cost plus overhead	-	Cost plus overhead	N/A
33	Other and extraordinary services	Cost plus overhead	-	Cost plus overhead	N/A
34	Utility master plan revision by requested changes to the IRC Comprehension Plan shall be paid by the applicant requesting the change	Cost plus overhead	-	Cost plus overhead	N/A
35	Site plan review	\$167.89	\$700.91	\$700.00	\$532.11
36	Sewer Service Connection - Gravity Main	Cost plus overhead	-	Cost plus overhead	N/A
37	Fire Hydrant Flow Test	NEW	\$337.64	\$340.00	NEW
38	Force Main Pressure Test & Report	NEW	\$337.81	\$340.00	NEW

(1) These fees are based on a cost analysis performed by IRCDUS that has not been independently reviewed or verified by Stantec.



## APPENDIX E: CUSTOMER DEPOSITS

### Schedule 1 Proposed Customer Deposits



**Indian River County Department of Utility Services  
Customer Deposits Calculation**

**Schedule 1**

**WATER**

Water	Calculation											Rounded
	Average Consumption (kgal)	Days in Billing Period	Total kgals./ day	# of days: Billing to Disconnect	Kgals During Period	Volume (kgal) Tier 1	Volumetric Charge Tier 1	Volumetric Charge Prorated	Monthly Base Rate Charge	Base Rate Charge Prorated	Total Calculated Deposit	
							Rate per kgal					
Per ERU	4	30	0.13	60	8	4.0	\$ 2.80	\$22.40	\$ 11.13	\$22.27	\$44.67	\$45

**SEWER**

Sewer	Calculation											Rounded
	Average Billed Volume (kgal)	Days in Billing Period	Total kgals./ day	# of days: Billing to Disconnect	Kgals During Period	Volume (kgal) Tier 1	Volumetric Charge Tier 1	Volumetric Charge Prorated	Monthly Base Rate Charge	Base Rate Charge Prorated	Total Calculated Deposit	
							\$ 4.03					
Per ERU	4	30	0.13	60	8	4.0	\$16.12	\$32.24	\$ 21.99	\$43.97	\$76.21	\$80

