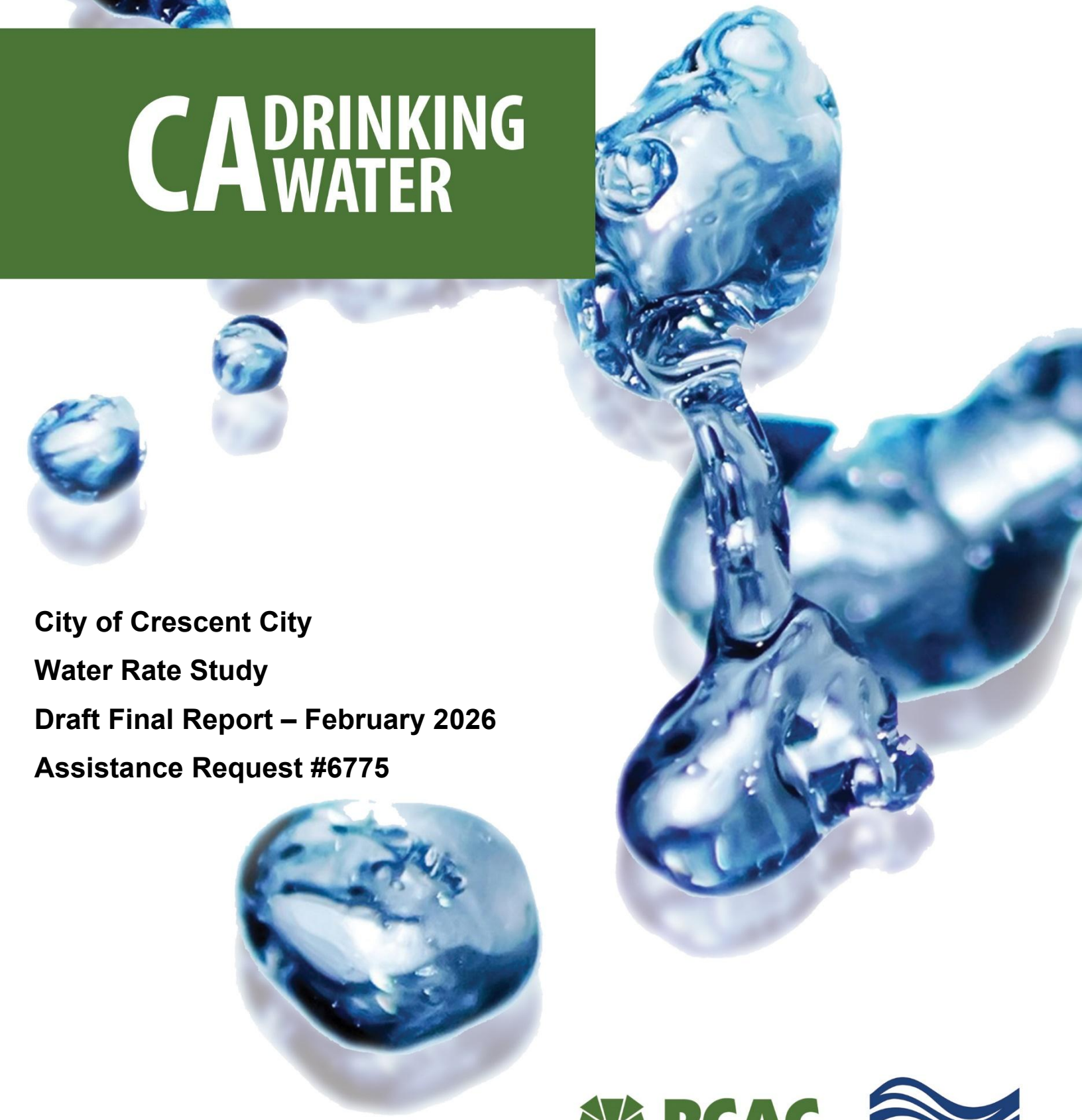
State of California State Water Resources Control Board
Safe and Affordable Funding for Equity and Resiliency
Training and Technical Assistance Project
Agreement Number: D1917007

CA DRINKING WATER



City of Crescent City

Water Rate Study

Draft Final Report – February 2026

Assistance Request #6775

RCAC
www.rcac.org

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

March 10, 2026

Emma Blankenship
Water Resource Control Engineer
Small Community Technical Assistance
SWRCB - Division of Financial Assistance
1001 I Street, 16th Floor
Sacramento, CA 95814

Subject: AR 6775, CITY OF CRESCENT CITY WATER RATE STUDY

Dear Emma,

Enclosed please find the final report for the City of Crescent City Water Rate Study.

The report consists of a discussion of the water system's current financial condition, projected financial condition, and recommended rate option.

The rate study process typically includes the following key milestones, though not all steps may be applicable in every instance:

- Preliminary Rate Discussions – Engaged with water system staff to review initial findings and discuss potential rate adjustments.
- Initial Rate Findings Presentation – An overview of the preliminary rate study results is scheduled to be presented to the board on March 16, 2026.
- Final Rate Recommendations – The final proposed rates, reflecting any revisions from initial discussions, are scheduled to be presented to the board on April 6, 2026.
- Proposition 218 Hearing – a Proposition 218 hearing is scheduled for June 1, 2026, to allow for public input and formal consideration of the proposed rates.

If you have additional questions, please feel free to contact me at (916) 508-3031.

Sincerely,

Kim Bennett

Kim Bennett
Regional Field Manager
RCAC Community & Environmental Services

Enclosure: City of Crescent City Water Rate Study
Eric Weir, City Manager, City of Crescent City
Linda Leaver, Finance Director, City of Crescent City
Martha Rice, City Attorney, City of Crescent City
David Yeager, Public Works Director, City of Crescent City
Samantha Ryan, Assistant Field Manager, RCAC – Community & Environmental Services

Submittal Details

Final Report Date

March 10, 2026

Community Contact Information

City of Crescent City
377 J St
Crescent City, CA 95531
707-464-7483

Submitted to:

Emma Blankenship, Water Resource Control Engineer
Small Community Technical Assistance, SWRCB Division of Financial Assistance

Eric Weir, City Manager
City of Crescent City

Linda Leaver, Finance Director
City of Crescent City

Martha Rice, City Attorney
City of Crescent City

David Yeager, Public Works Director
City of Crescent City

Submitted by:

Samantha Ryan, Assistant Field Manager
Rural Community Assistance Corporation - Community & Environmental Services
Email: Samantha.ryan@rcac.org / Phone: 707-572-7465

Executive Summary

RCAC conducted this water rate study on behalf of City of Crescent City (City) to establish rates that allow the City to operate and maintain the water system for the next five years and collect the necessary reserves for emergencies and capital improvements. RCAC analyzed data for fiscal year ending 2024 (FYE 2024), FYE 2025 and budgeted data for FYE 2026 to set rates for FYE 2027 through FYE 2031.

The City's current water rates were established on Dec. 16, 2013, through the adoption of Ordinance Number 777. The ordinance set annual rate increases through FYE 2018. The industry standard is to conduct a water rate study every five years to ensure revenues are covering expenses and costs are being applied to customer classes in a fair and equitable manner. This is essential for public entity water systems, which must ensure rate structures are consistent with current Proposition 218 case law. Proposition 218 has specific legal guidance on what is considered fair and equitable ways to distribute costs among customers.

The City requested a water rate analysis for the following reasons:

- To ensure full cost recovery, including operational costs, capital projects, debt, and other expenditure requirements.

- Evaluate the rate structure to ensure compliance with current Proposition 218 requirements and case law.

During the rate study analysis, RCAC determined that, for the test year ending FYE 2026, the City's projected operational revenue is expected to fall short of the level required to fully support the adopted budget. As a result, the City may need to implement cost reductions during the fiscal year to align expenditures with available funding. The City's Capital Improvement Program (CIP) is supported by anticipated grant funding, but additional rate revenues are necessary to fully implement the program, and project timelines may be adjusted if grant funding does not materialize. Over the FYE 2027 through FYE 2031 period, the City must increase annual water rate revenues by approximately 16.8% to restore financial sustainability and fully fund operating, capital, and reserve requirements. This revenue adjustment can be achieved through a variety of rate structure strategies. Carefully evaluating these structural options allows the City to meet its revenue target while aligning rates with Proposition 218 cost-of-service principles, financial goals, equity considerations, and long-term system sustainability.

RCAC and City staff explored several rate options that produce rates that are affordable and fair to its customers while also allowing the City to operate and maintain the water system in a way that ensure customers are provided with continuous, safe drinking water. The proposed rate option collects for the true cost of service which includes fully funding the operational and maintenance needs of the City and the planned 5-year CIP. Alternative options were evaluated, including applying a uniform annual percentage increase, phasing in rate adjustments over the five-year study period, and reducing the Capital Improvement Program. However, these

approaches generally resulted in higher rates by FY 2031 compared to the proposed option and/or delayed the City's ability to leverage available grant funding.

RCAC recommends the City:

- Adopts the proposed rates

Proposed Rates	Current Rates	2027	2028	2029	2030	2031
3/4" Meter	$22.49	$34.90	$36.60	$38.47	$40.52	$42.79
1" Meter	$31.66	$58.16	$61.00	$64.12	$67.54	$71.31
1.5" Meter	$50.35	$116.32	$122.01	$128.24	$135.08	$142.62
2" Meter	$76.85	$186.11	$195.22	$205.18	$216.13	$228.19
3" Meter	$113.24	$372.22	$390.43	$410.37	$432.26	$456.38
4" Meter	$147.93	$581.59	$610.05	$641.20	$675.41	$713.09
6" Meter	$210.95	$1,163.18	$1,220.10	$1,282.40	$1,350.82	$1,426.18
4" Fire Service	$13.33	$10.97	$11.41	$11.86	$12.34	$12.83
6" Fire Service	$17.60	$31.84	$33.12	$34.44	$35.82	$37.25
8" Fire Service	$26.28	$67.87	$70.59	$73.41	$76.35	$79.40
Usage (per HCF)	$2.62	$2.26	$2.36	$2.48	$2.60	$2.74
Prison Rate (per Thousand Gallons)	$3.11	$6.48	$6.89	$7.34	$7.84	$8.39
AIRB* Monthly Bill (500 cubic feet)	$22.49	$46.18	$48.41	$50.86	$53.55	$56.50
AIRB* Percent Increase		99.74%	4.82%	5.04%	5.26%	5.51%
AIRB* Affordability	0.76%	1.57%	1.64%	1.73%	1.82%	1.92%

*AIRB = Average ¾" Inside City Limits Residential Customer Bill

- Select a rate that collects for the true cost of service.
- Select a rate option that follows current Proposition 218 case law, which includes having no usage allocation incorporated into the base rate.
- Select a rate option that ensures a sustainable water system while also assessing the affordability to your customers.
    - The State Water Resources Control Board drinking water needs assessment measures affordability by dividing the annual bill (assuming 600 cubic feet or 4,388 gallons of water usage per month) by the median household income (MHI). Based on the %MHI, water system bills are categorized as no risk, medium risk, or high risk for affordability.

State Water Resources Control Board Needs Assessment: Affordability as %MHI		
No Risk	Medium Risk	High Risk
<1.5%	1.5% - 2.5 %	>2.5%

    - RCAC's rate model calculates affordability by taking the average residential bill for the water system and divides it by the MHI.

- Review revenues versus expenditures every year to ensure that the rates cover all costs to the system.

- Continue to be transparent. Successful utilities are those that are transparent to their customers regarding their day-to-day operations, including successes and struggles. Promote your services to your customers and continuously educate them on why it is necessary to raise and adjust rates.

- Continue to be prudent in keeping costs down for your customers and exploring ways to increase non-operational revenue.

Introduction

About RCAC

Founded in 1978, RCAC provides training, technical, and financial resources, and advocacy so rural communities can achieve their goals. Since 1978, our dedicated staff and active board, coupled with our key values: leadership, collaboration, commitment, quality, and integrity, have helped effect positive change in rural communities across the West.

RCAC's work includes environmental infrastructure (water, wastewater, and solid waste facilities); affordable housing development; economic and leadership development; and community development finance. These services are available to communities with populations of fewer than 50,000, other nonprofit groups, tribal organizations, farm workers, colonias and other specific populations. Headquartered in West Sacramento, California, RCAC's employees serve rural communities in 13 western states and the Pacific islands.

This rate study was funded by Safe and Affordable Funding for Equity and Resilience (SAFER) Program, for which RCAC is a Technical Assistance Provider. This rate study was performed under the capacity development program at RCAC (SAFERTRAIN). This study was provided at no cost to the City due to their distinction as a disadvantaged community.

Purpose of a Rate Study

An accurate and useful rate analysis not only identifies the total annual revenue required by a utility to conduct its normal day-to-day operations, but it also anticipates and plans for future operating and capital needs. Furthermore, the analysis attempts to determine whether the projected revenue under existing rates will satisfy those needs. The primary objective of this process is to ensure that the utility can obtain sufficient funds to develop, construct, operate, maintain, and manage its water system on a continuing basis, in full compliance with federal, state, and local requirements.

Governing Body Responsibilities

Governing body responsibilities for the water system include maintaining sufficient revenue and reserves to provide for ongoing maintenance for the foreseeable future. The ultimate responsibility of the governing body is to ensure preserved public health and compliance with environmental regulations.

All findings and conclusions of this rate study are RCAC's professional assessment and are not a directive for action to the community. Whereas RCAC strongly recommends its finding to the community, the governing body must act in accordance with the water system's governing documents as well as state and federal laws to enact RCAC recommendations in whole or in part.

Disclaimer

The findings, recommendations and conclusions contained in this rate analysis are based on financial information provided to RCAC by the water system. Although reasonable care was taken to ensure the reliability of this information, no warranty is expressed or implied as to the correctness, accuracy or completeness of the information contained herein. Any action taken on the basis of such findings, recommendations or conclusions is undertaken at the discretion of the water system. In no event will RCAC or its partners, employees or agents be liable for any decision made or action taken in reliance on the information contained in this analysis.

Guiding Principles in a Rate Study

Rates should be:

- **Sustainable** - Rates should cover the costs of the system to provide safe drinking water into the foreseeable future. This includes operations, repairs, interest, loan principal, capital replacement, and all other costs related to providing safe drinking water.

- **Fair** - Rates should be fair to all rate payers. While the costs should not exceed the costs of providing the service, they do need to capture the true costs of service. Low rates for current customers will require high rates for future customers.

- **Justifiable** - Rates must be based on actual needs of the water enterprise system. The water enterprise system expenses and revenue should be tracked separately from other funds.

- **Water conservation** - Water conservation is a key element of rate studies. Clean and safe water is limited, and inappropriate use of this resource negatively impacts community members.

- **State or funder specific requirements** – Some water systems may have state or funder requirements to maintain certain financial indicators and reserve levels. Regardless of any requirements, the governing body is obligated by its responsibilities to provide for sufficient reserves and long-term sustainability.

Rate Setting Process

A water rate study typically consists of three to four main components:

- **Revenue Requirement** – This component calculates the total revenue needed to cover the utility's operating costs and debt obligations.

- **Cost of Service Analysis** – This component evaluates the cost allocations associated with providing water services, including fixed and variable costs. It ensures that rates are aligned with the actual way a water system incurs costs when providing water service.

- **Rate Design and Rate Setting** – This step involves determining how to structure the rates based on the cost-of-service analysis. It considers factors like customer classes

(residential, commercial, etc.), water usage patterns, and equity, aiming to create a fair and sustainable rate system. Based on this, the appropriate rates are set to ensure financial stability and regulatory compliance.

- **Proposition 218 Process (applicable for public entities in California)** – This process ensures transparency and public participation in the decision-making surrounding water rate changes.

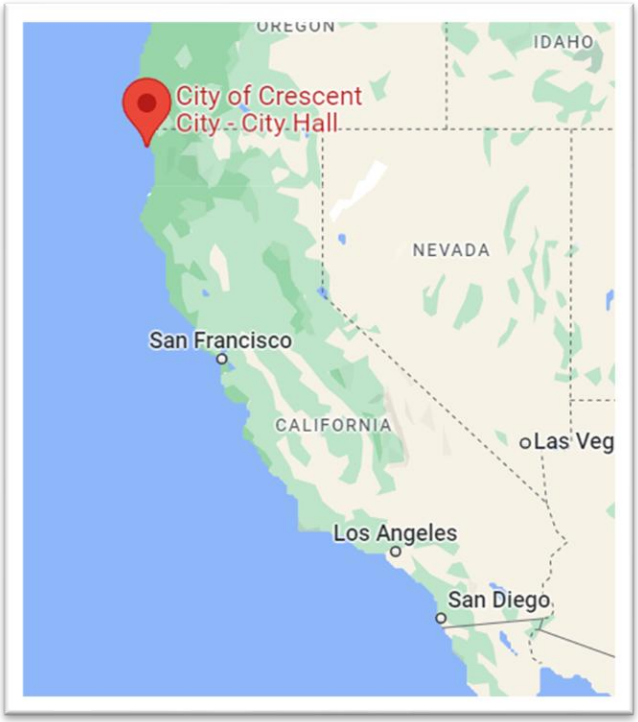
Together, these components help ensure that a water system can provide reliable service through fair and equitable rates while maintaining financial sustainability.

RCAC uses a cash-needs approach to develop revenue requirements to ensure there is sufficient revenue to recover total cash requirements for the 5-year time period of this rate study. This approach uses a format very similar to how many water systems develop an annual budget. While there are several methods to allocate costs, since RCAC mainly works with small, disadvantaged water systems, it is typical for RCAC to use a fixed vs variable cost allocation. The revenue requirement approach and cost allocation methodology used in this rate study can be found in the Rate Design and Options Section under Key Assumptions.

Water System Basic Statistics

Community

The City of Crescent City is in Del Norte County on the Northern Coast of California about 20 miles south of the Oregon border. The City has a population of about 6,000 and its water service boundary serves approximately 16,000 people.



The incorporated city is overseen by a five-member city council, where council members are elected to four-year terms. The City is managed by a city manager that oversees approximately 85 employees. The city's economy is driven by governmental activities, fishing, agriculture, tourism, and timber. However, the long-term outlook for the fishing and timber industries are uncertain.

Pelican Bay State Prison is the largest water user in the system and has a contract with the City for water service. According to the California Department of Corrections and Rehabilitation February 2026 Monthly Report of Population, the prison has the capacity to house 1,804 inmates and employs 2,429 people. It is estimated that there are approximately 1,706 inmates in the prison.

The median household income in the City is $35,340 according to the 2024 American Community Survey. The MHI is less than 60% of the current statewide MHI, making Crescent City a severely disadvantaged community.

System Description

The City is a public water system classified as a Community Water System and operates as public entity.

The water system pulls water from the Smith River through a Ranney well, which has the capability of pumping 5.9 million gallons per day (2.181 billion gallons per year). The average daily usage is 1.531 MGD. Water is chlorinated at a treatment facility off Kings Valley Road and

conveyed to its customers in over 100 miles of pipeline, ranging from small service lines up to 24" water mains. The distribution system also includes three tanks (50,000-gallon elevated storage tank, four-million-gallon Washington Tank, and 1.5-million-gallon Amador tank) and three booster stations.

The City maintains a Capital Improvement Program (CIP) that includes an ongoing annual budget for the replacement of water mains, equipment, and vehicles to support long-term system reliability. In recent years, the City has advanced several key infrastructure initiatives, including groundwater well and pump improvements, SCADA upgrades, implementation of automated meter reading (AMR), tank rehabilitation and upgrades, and system-wide surge protection enhancements.

Over the next five years, the City plans to continue proactive system maintenance through the regular replacement of water mains, equipment, and vehicles, while completing the automated meter reading project, advancing tank rehabilitation efforts, and investing in critical resiliency improvements such as a backup generator and redundant pipeline segments in key areas of the distribution system.

Current Water Rate Structure

The last rate study for the City occurred in 2013. The rates were adopted via Ordinance Number 777 on December 16, 2013, setting rates through FYE 2018. The current rate structure for the water system is a monthly base rate that varies by meter size and includes a 500 cubic foot allotment per month and a flat usage rate per 100 cubic feet after the allotment has been met. There is also a special contract with the Prison, which has its own State water permit, and separate fire charges for services that are only meant for fire protection.

Description	Current Rate
3/4" Meter	$22.49
1" Meter	$31.66
1.5" Meter	$50.35
2" Meter	$76.85
3" Meter	$113.24
4" Meter	$147.93
6" Meter	$210.95
4" Fire Service	$13.33
6" Fire Service	$17.60
8" Fire Service	$26.28
Usage (per HCF)	$2.62
Prison Rate (per Thousand Gallons)	$3.11
Average ¾" Inside Residential Bill (500 cubic feet)	$22.49
Affordability (Average ¾" Inside Residential Bill)	0.76%

The current rate structure can also be seen in Exhibit A.

The affordability of these rates for the average residential customer is 0.76 percent, as a measure of the percentage of the average residential customer's annual income that goes toward paying the average annual residential water bill in the water system.

Customer Water Use Statistics

Water demand varies by month, meter size, and customer class. The City typically experiences higher water usage during the late summer months, which can significantly influence revenue trends. As a result, revenues may appear stronger in the early months of the fiscal year and taper off as seasonal demand declines.

The City should also closely monitor water usage at the Prison, as this large customer accounts for approximately 15–25% of total system demand. Variations in usage from this single customer can materially impact overall water sales and revenue stability.

A summary of customer water usage data can be found in Exhibit B.

Future Population and Usage Projections

The United States Census shows a growth rate in the area as -7.0 percent per year, from April 2020 through July 2024. The City's 2020 Urban Water Management Plan estimated population growth to range from -0.49 to -0.54 percent per year. Looking at recent water usage data, the City has been seeing an approximate annual decline of 1.5% in water usage, a smaller adjustment of –0.05% was applied in the model to avoid overestimating revenue impacts.

Financial Condition and Analysis

Current Financial Policies

The financial policies of a public water system play a crucial role in ensuring the system's sustainability and effectiveness. These policies provide a framework for budgeting, revenue generation, expenditure control, debt management, and financial reporting. They help maintain financial stability, promote transparency, and ensure that the water system can meet current and future needs. By adhering to these policies, a public water system can effectively manage its resources, maintain the trust of its stakeholders, and continue to provide reliable and high-quality services to the community.

RCAC did not conduct a policy review as part of this rate study. Agreements between the City and community services districts and the prison were reviewed to understand how they may affect the rate study.

Current Financial Indicators

Water Fund Balance

The estimated working capital balance in the water fund at the end of the test FYE 2026 is $2,872,145. The current working capital balance is slightly above the minimum target of $2,251,694, which is intended to cover three key reserves: 90 days of O&M costs, a replacement Ranney well pump for emergencies, and the average annual revenue needed to support the CIP. While maintaining a balance modestly above this minimum provides a buffer for unexpected expenses, the City's current CIP assumptions rely heavily on grants. If grant funding does not materialize as expected, maintaining a reserve above the minimum may be particularly prudent. Conversely, if near-term projects are well-funded through grants, the City could consider capping the reserve closer to the minimum, while still preserving sufficient contingency for operational and capital risks.

Operating Cash Flow

The operating cash flow for the City has shown a downward projection over recent fiscal years. Although the actual working capital has shown some increases, this was due to not fully implementing the needed capital improvement plans. As those improvements are constructed, the projected working capital is projected to decrease. In the test year of FYE 2026, operational revenue is estimated to be below the level needed to fully support the adopted budget, requiring the City to implement cost reductions during the fiscal year to align expenditures with available funding. Additionally, the water system is not fully funding its CIP which causes needed infrastructure projects to be delayed.

Revenue Requirement

A revenue requirement for a water system refers to the total amount of money a utility must collect from its customers to cover all its costs. This includes operating expenses, taxes, debt payments, and costs to replace capital assets.

Current Budget

The objective of a budget is to ensure that the utility generates adequate revenue to cover the anticipated costs as they occur. The basic components of the budget include combined cash balances, operating and non-operating revenue, operation and maintenance expense, debt service (principal and interest payments) on borrowed funds, capital costs, reserves, and other cash payments (such as payments in lieu of taxes). Because debt covenants may impact the cash needs of the utility, it is also important to examine these restrictions as well.

A water system should develop and adopt an annual budget every fiscal year prior to the start of the fiscal year. The City was able to provide actuals for FYE 2024 and FYE 2025 and an adopted budget for FYE 2026.

Over the past several years revenues have covered expenses, but the City often finds ways to reduce costs throughout the year to ensure a balanced budget. Additionally, the water system

delays CIP projects if funding is not available. Underfunding operational budgets and reserves is not considered a financially sustainable method for managing a water system.

In 2026, the current revenue is not expected to cover current operational expenses. Costs have been increasing mainly due to inflation. The actuals and current budget can be seen as part of the rate study budget projections in Exhibit D.

Current Dedicated Reserves

Reserves are an accepted way to stabilize and support a utility's fiscal management. Small systems usually fund the operating expenses but often do not consider putting money aside for a specific upcoming financial need or project, or for an amount that can be used to provide rate stabilization in years when revenues are unusually low, or expenditures are unusually high. The rationale for maintaining adequate reserve levels is twofold. First, it helps to ensure that the utility will have adequate funds available to meet its financial obligations in times of varying needs. Second, it provides a framework around which financial decisions can be made to determine when reserve balances are inadequate or excessive and what specific actions need to be taken to remedy the situation.

Utility reserve levels can be thought of as a savings account. Reserve balances are funds that are set aside for a specific cash flow requirement, financial need, project, task, or legal covenant. Common reserve balances are established around the following four areas: operating reserve, capital improvements and replacement, emergency, and debt service reserve. These balances are maintained to meet short-term cash flow requirements, and at the same time, minimize the risk associated with meeting financial obligations and continued operational needs under adverse conditions.

The annual reserve goals can be seen in the general & administrative expenses in Exhibit D.

Operating Reserve

Operating reserves are established to provide the utility with the ability to withstand short-term cash flow fluctuations. There can be a significant length of time between when a system provides a service and when a customer pays for that service. In addition, a system's cash flow can be affected by weather and seasonal demand patterns.

The State of California Water Resources Control Board conducted a needs assessment in 2024. The results of their findings are outlined in the table below.

State Water Resources Control Board Needs Assessment: Cash on Hand Valuation		
No Risk	Medium Risk	High Risk
>90 Days	30 – 90 Days	< 30 Days

Because of potential delays in collecting payment, many utilities attempt to keep an amount of cash equal to at least 90 days or 25 percent of their annual cash O&M expenses in an operating

reserve to mitigate potential cash flow problems. In discussions with the water system, it was determined the goal would be 90 days cash on hand, this figure was incorporated in the water fund minimum balance.

Emergency Reserve

Emergency reserves are intended to help utilities deal with short-term emergencies which arise from time to time, such as main breaks or pump failures. The appropriate amount of emergency reserves will vary with the size of the utilities and should depend on major infrastructure assets. An emergency reserve is intended to fund the immediate replacement or reconstruction of the system's single most critical asset, an asset whose failure will result in an immediate water outage or threat to public safety. In discussions with the water system, it was determined that a Ranney well pump was the critical asset. This required $332,146 in the test year and was based off costs seen in the 2021 Ranney Pump Replacement project. This money was incorporated into the water fund minimum balance.

Capital Replacement Reserve

A capital replacement reserve (also called a repair and replacement reserve) is intended to be used for replacing system assets that have become worn out or obsolete. Unlike the emergency reserve fund, these reserves are intended to be used for planned replacements and improvements. Annual depreciation is frequently used to estimate the minimum level of funding for this capital reserve. But it is important to understand that depreciation expense is an accounting concept for estimating the decline of an asset's useful life and does not represent the current or future replacement cost of that asset.

To initiate a capital improvement plan, a small water or sewer system will start with a list of assets that includes the remaining service life, theoretical replacement costs in today's dollars and the remaining service life. It then calculates the monthly and annual reserve that must be collected from each customer to fully capitalize the replacement cost of each asset. In reality, the assets will fail and be replaced gradually, but the replacement cost of water system assets is often a shock to small systems that are struggling to keep rates reasonable.

RCAC did not conduct a capital replacement analysis and relied on the CIP information provided by City staff. The CIP averages $3.346 million in projects per year and is reliant on grants and loans. The average amount of revenue needed in water sales to fund the CIP is $1.127 million. It was decided that having the average annual revenue needed to support the CIP was appropriate for a reserve and added to the water fund minimum balance. A system that relies on grants and loans for their CIP should be aware that:

- Loans – Obtaining loans will come with debt service payments and debt reserve requirements that may increase the expenses in future years

- Grants - During this current economic climate, it is not advised to assume grants in the budgeting process

Debt Payments and Reserve

Water utilities that have issued debt to pay for capital assets will often have required reserves that are specifically defined to meet the legal covenants of the debt. Normally, debt service reserve

represents an amount equal to at least one full annual loan payment and can be accumulated to this level over a period of 5 to 10 years.

The City has no current debt service payments but is expected to take loans out to fund CIP projects of the 5-year rate study period of FYE 2027 – FYE 2031.

Analysis and Recommendations for Financial Condition

The City demonstrates strong budget and CIP management. It is recommended that the City assess the total valuation of its water system and determine the annual funding needed to replace assets at the end of their useful life. This estimate should then be compared to the planned CIP to ensure that sufficient projects are being completed to maintain a sustainable system capable of providing reliably safe drinking water.

The CIP management strategy includes grants and loans. It is recommended the City remember that applying for grants or loans will take staff time and financial resources. Additionally,

- Loans – Obtaining loans will come with debt service payments and debt reserve requirements that may increase the expenses in future years
- Grants - During this current economic climate, it is not advised to assume grants in the budgeting process

A rate increase is recommended to ensure that the City can cover all their costs, including funding reserves. Over the FYE 2027 through FYE 2031 period, the City must increase annual water rate revenues by approximately 16.8% to restore financial sustainability and fully fund operating, capital, and reserve requirements. This revenue adjustment can be achieved through a variety of rate structure strategies. Carefully evaluating these structural options allows the City to meet its revenue target while aligning rates with Proposition 218 cost-of-service principles, financial goals, equity considerations, and long-term system sustainability.

PROJECTED FINANCIAL POSITION WITH CURRENT RATES
based on 2024 actuals, 2025 budget, and 2026 budget provided by Staff

	FY2024 Actuals -	**FY2025** Actuals -	**FY2026** Test Year/ Projected 0% Increase	**FY2027 - FY2031** Projected 0% Increase
Water Sales Revenue	$2,609,969	$2,626,340	$2,682,897	$13,414,485
Other Revenue	$1,245,162	$291,799	$1,140,844	$15,250,720*
Total Revenue	**$3,855,130**	**$2,918,139**	**$3,583,041**	**$28,665,205**
CIP Expenses	$228,946	$761,150	$2,048,746	$17,963151*
O&M Expenses	$2,715,645	$2,823,648	$3,169,750	$19,180,385
Total Expenses	**$3,022,010**	**$3,584,798**	**$5,218,496**	**$37,143,536**
NET GAIN/LOSS	**$833,121**	**-$666,659**	**-$1,635,455**	**-$8,478,331**
			5-YEAR NET GAIN/LOSS	**-$8,478,331**

*assumes loans for Amador tank rehab, Washington tank rehab, and elevated tank removal and grant for Kings Valley redundant main

REQUIRED REVENUE INCREASE TO MAINTAIN A POSITIVE NET POSITION *based on 2024 actuals, 2025 budget, and 2026 budget provided by Staff*					
	FY2027 Projected 16.8% Increase	**FY2028** Projected 16.8% Increase	**FY2029** Projected 16.8% Increase	**FY2030** Projected 16.8% Increase	**FY2031** Projected 16.8% Increase
Water Sales Revenue	$3,133,580	$3,659,970	$4,274,785	$4,992,879	$5,831,601
Other Revenue	$200,144	$1,950,144[a]	$3,700,144[b]	$9,200,144[c]	$200,144
Total Revenue	**$3,333,724**	**$5,610,114**	**$7,974,929**	**$14,193,023**	**$6,031,745**
CIP Expenses	$909,100	$2,893,801[a]	$4,401,702[b]	$9,478,394[c]	$280,153
O&M Expenses	$3,365,530	$3,579,166	$3,813,051	$4,069,876	$4,352,762
Total Expenses	**$4,274,630**	**$6,472,967**	**$8,214,753**	**$13,548,270**	**$4,632,915**
NET GAIN/LOSS	**-$940,906**	**-$862,853**	**-$239,824**	**$644,753**	**$1,398,830**
			5-YEAR NET GAIN/LOSS		**$0**

a – assumes loans for Amador tank rehab and elevated tank removal
b – assumes loans for Amador tank rehab and Washington tank rehab
c – assumes grant for Kings Valley redundant main

Cost of Service and Rate Design

Fixed and Variable Costs

Water must be available to customers at all times whether the customer is using the water or not. A large share of water system costs are associated with bringing the first drop of water to the customer's tap, regardless of whether any water is used. Other costs occur as water gets used by customers. Fixed costs are those that must be recovered by a water system to ensure that drinking water is available to its customers, while variable costs are more directly related to how much water is being pumped, treated, stored, and distributed. The identification of costs as fixed costs, varied costs, or some percentage of both is a determination that each utility must make for itself. It is done by reviewing the budget and each line item closely. The allocation for the City is in Exhibit F.

Fixed costs are typically collected through a base rate, which is a fixed monthly charge. Variable costs are typically collected through a usage rate, which is a dollar amount per unit of water used by the customer.

Base Rate and Usage Rates

Base Rates

Fixed costs are typically collected through a base rate. These base rates can be calculated using several different methods including:

- Flat base rate – all customers pay the same amount regardless of service connection size.
- American Water Works Association Meter Ratios - standard meter ratios that are used to estimate the equivalent cost of service based on the capacity of a water meter.

Meter Size	Operating Capacity (GPM)	Meter Ratio
1/2"	15	0.75
5/8"	20	1.00
3/4"	30	1.50
1"	50	2.50
1.5"	100	5.00
2"	160	8.00
3"	320	16.00
4"	500	25.00
6"	1000	50.00
8"	1600	80.00
10"	2400	120.00
12"	3375	168.75

- Meter ratios based on actual usage seen in water system – custom meter ratios that are calculated on historical usage data of different meter sizes.

Usage Rates

Variable expenses are typically collected through the usage rate. These usage rates can be calculated using several different methods including:

- Uniform usage rate - customers are charged a single, constant rate for each unit of service.
- Tiered usage rate / Based Rate Allocation - the cost per unit of service changes as a customer's consumption exceeds certain thresholds or "tiers." Variations of tiered rates include increasing block rate and decreasing block rate. Tiered usage rates and base rate allocations are not recommended for public entity water systems due to current Proposition 218 case law.

Assumptions

In a rate study, assumptions are critical because they help frame the calculations and projections that determine pricing or rates. Assumption details used in this rate study can be seen in Exhibits C-F and include:

Financial Assumptions

- **Future Inflation Rates** – Allows the future cost of asset replacement to be calculated as well as helps to project the budget forward.
- **Future Loan Rates and Fees** – Important for calculating the debt service payment that will be required if a water system chooses to fund assets in need of replacement over the next 5 years through loan.
- **Existing Debt** – Annual payment and reserve requirements for current debt.

- **Existing Reserves** – The water fund balance which can be made up of cash, investments, and other liquid assets. Typically, operating reserves are in a checking account and capital reserves are in an interest-bearing savings account.

- **Reserve Targets** – Established dollar amounts to maintain in operating, emergency, debt, and capital reserves along with the number of years to build to this amount.

- **Median Household Income** – Average income for residential customers, this can come from several sources such as the SAFER Dashboard or U.S. Census.

- **Budget to Actual** – Identifies the difference between planned and actual figures to help businesses monitor performance, control spending, and adjust forecasts for better financial management.

Usage and Billing Assumptions

- **Community Growth Factor** – Growth factor to account for an increasing or decreasing population in the area. This data can come from the U.S. Census, the water system's master plan, or other sources. This factor can also account for any conservation factor if there is an expected reduction in water use seen after a rate increase. A study by the Department of Interior in California states price elasticity of water is -0.1%. RCAC also sometimes uses from -1.0% up to -5.0% from experience with working rural, disadvantage communities. This factor can also include any water system specific concerns for reduction in water use.

Capital Improvement Plan Assumptions

- **Default Funding Assumptions** - The City's 5-year capital improvement plan was used. The City determined the projects and likely funding sources used in this study.

Customized Assumptions

- **Budget projections** – While future inflation is a tool used to project many budget line items forward. A detailed review of each budget was completed and line items that needed further adjustments were changed based on the City's experience with these costs.

Inflation Assumptions	
Standard Inflation	4%
Other Benefits -4125-	10%
Energy -4210-	6.32%
ISF Allocation - IT -4823-	4.00%
ISF Allocation - Bldg Maint - 4824-	4.00%
ISF Allocation - Insurance -4826-	18.30%
Workers Comp -4123-	11.70%

- **Cost Allocation** – RCAC uses the identification of fixed and variable costs to allocate costs to base rates and usage rates. The identification of fixed and variable costs is best

left with the water system to identify. RCAC does advise that any debt service be considered a fixed cost and that many of the pumping and chemical costs be assigned to variable. The following are the cost allocation assumptions used:

- Water Department expenses were assumed to be 60% fixed, 40% variable based on the peak demand vs. the average demand. The exception was to electrical and chemical costs which were assumed to be 100% variable.

- Other Department costs that are needed to support the water department were assumed to be 100% fixed.

Rate Options and Recommendation

This rate study has analyzed various pricing structures for the water utility, taking into account the financial needs of the system, equitable distribution of costs among customers, and the promotion of water conservation. After careful evaluation, the top recommended rate option is being included in this report for the governing body's approval. City staff determined these rates to be the most fair, sustainable, and financially viable approach for the community. Details on the proposed rate option can be found below; rate tables and results can be seen in Exhibit G.

Alternative options were evaluated, including applying a uniform annual percentage increase, phasing in rate adjustments over the five-year study period, and reducing the Capital Improvement Program. However, these approaches generally resulted in higher rates by FY 2031 compared to the proposed option and/or delayed the City's ability to leverage available grant funding.

When considering a rate option, it is crucial for the governing body to consider not only the immediate financial implications but also the long-term sustainability and fairness of each approach. The following recommendation aims to guide the selection process and ensure that the chosen rate structure supports the community's needs while promoting fiscal responsibility and transparency.

RCAC values affordability when drafting rate options for small water systems. However, governing body responsibilities for the water system include maintaining sufficient revenue and reserves to provide for ongoing maintenance for the foreseeable future. The ultimate responsibility of the governing body is to ensure preserved public health and compliance with environmental regulations.

Proposed Rates

The proposed rate option collects for the true cost of service which includes fully funding the operational and maintenance needs of the City and the planned 5-year CIP. These rates were determined to best balance the need for affordable and fair rates for customers while also allowing

the City to operate and maintain the water system in a way that ensures customers are provided with continuous, safe drinking water.

Proposed Rates	Current Rates	2027	2028	2029	2030	2031
3/4" Meter	$22.49	$34.90	$36.60	$38.47	$40.52	$42.79
1" Meter	$31.66	$58.16	$61.00	$64.12	$67.54	$71.31
1.5" Meter	$50.35	$116.32	$122.01	$128.24	$135.08	$142.62
2" Meter	$76.85	$186.11	$195.22	$205.18	$216.13	$228.19
3" Meter	$113.24	$372.22	$390.43	$410.37	$432.26	$456.38
4" Meter	$147.93	$581.59	$610.05	$641.20	$675.41	$713.09
6" Meter	$210.95	$1,163.18	$1,220.10	$1,282.40	$1,350.82	$1,426.18
4" Fire Service	$13.33	$10.97	$11.41	$11.86	$12.34	$12.83
6" Fire Service	$17.60	$31.84	$33.12	$34.44	$35.82	$37.25
8" Fire Service	$26.28	$67.87	$70.59	$73.41	$76.35	$79.40
Usage (per HCF)	$2.62	$2.26	$2.36	$2.48	$2.60	$2.74
Prison Rate (per Thousand Gallons)	$3.11	$6.48	$6.89	$7.34	$7.84	$8.39
AIRB* Monthly Bill (500 cubic feet)	$22.49	$46.18	$48.41	$50.86	$53.55	$56.50
AIRB* Percent Increase		99.74%	4.82%	5.04%	5.26%	5.51%
AIRB* Affordability	0.76%	1.57%	1.64%	1.73%	1.82%	1.92%

*AIRB = Average ¾" Inside City Limits Residential Customer Bill

Implementation Remarks & Conclusion

Recommendations for the current financial condition and rate option selection have been discussed. Below are some additional recommendations for the City.

General Implementation Advice

Key points to remember with this rate adjustment are:

- Every year revenues versus expenditures should be reviewed to ensure that the rates cover all costs to the system.
- Rates should be reviewed every 5 years or whenever the water system is at risk of expenditures exceeding revenues.
- Successful utilities are those that strive to be transparent. In day-to-day operations, the City should strive to promote its services (highlights and the low points) and continuously educate residents about why it is necessary to raise and adjust rates.
- If possible, CIP reserves should be moved to and maintained in the highest interest-bearing accounts available to offset inflation unless the cost of doing so is more than the interest earned on the account.

Proposition 218 Overview

When the governing body selects a rate option, this triggers the Proposition 218 process. Proposition 218 is a voter-approved initiative in California that restricts the authority of government agencies to charge certain taxes or fees. This proposition regulates property-related fees and charges that are imposed on a parcel. Following a California Supreme Court decision, water and sewer rates are now also subject to Proposition 218. Therefore, the water system needs to follow Proposition 218 guidelines and related activities to legally pass new rates, which include sending out a public notice and holding a public hearing.

To be in compliance with Proposition 218, the public notice needs to contain certain information. This information includes how and why the rate increase was proposed, the consequences of not raising rates, how charges are allocated among different types of users, and the date, time, and location of the public hearing. Proposition 218 requires that a public hearing be held at least 45 days after the public notice has been sent out. After the public hearing, the governing board can adopt the new rates through an ordinance if there is no majority protest (50% plus one) from the property owners/rate payers. All protests are required to be in writing with the protester's name and affected parcel number. Proposition 218 does not apply to connection charges, capacity charges, wholesale rates, groundwater pumping fees and conservation penalties.

Additionally, the letter should include "In accordance with Senate Bill 323, any judicial action or proceeding to attack, review, set aside, void, validate, or annul an ordinance, resolution, or motion adopting a fee or charge for water service, or modifying or amending an existing fee or charge for water service, shall be commenced within 120 days of the effective date or of the date of the final passage, adoption, or approval of the ordinance, resolution, or motion, whichever is later."

Compliance with Assembly bill 2257 may prohibit a person or entity from bringing judicial action or proceeding with Prop 218 unless person/entity has timely submitted to the local agency a written objection that specifies grounds for noncompliance. Part of this compliance is to ensure a written basis for the rate increase is posted on the system's external website and includes a link to the public notice.

For full Proposition 218 compliance, always consult with your water system's legal advisor.

Conclusion

In conclusion, this rate study provides a fair and effective approach to maintaining the financial health of the water system, while ensuring equitable access to clean water for all customers. The recommended rates will allow the utility to continue providing high-quality service in a financially sustainable manner, meeting the needs of the community for years to come.

The attached Exhibits A through G provide detailed information and analysis supporting the findings and recommendation of this water rate study. Each exhibit has been prepared to illustrate the key components of the study, including cost of service, customer demand, rate structure

options, and the financial impact of the proposed rates. These exhibits are designed to offer transparency and allow for a clear understanding of the methodologies used to determine the recommended rate structure.

Exhibit A:
Current Rates

Table 1
City of Crescent City

CURRENT WATER RATES

from City website

Current Water Rates	Meter Size	Standard	Fire Service	Prison
Base Rates	0.625	$22.49		
	0.75	$22.49		
	1	$31.66		
	1.5	$50.35		
	2	$76.85		
	3	$113.24		
	4	$147.93	$13.33	
	6	$210.95	$17.60	
	8		$26.28	
	10		$44.12	
Usage Rate (per 100 CF)	per 100 CF	$2.62	$0.00	$3.11 per 1,000 gallons
Usage included in the base rate	CF	500	0	0 Gallons

Exhibit B:
Water System Use Characteristic

Table 2
City of Crescent City

WATER USAGE BY CUSTOMER CLASS 2024

from City Billing Software

Total Revenue in FYE 2024 (calculated w/billing data)	**$2,590,231**	**$ 2,609,969**
Total Usage in FYE 2024	**63,154,703**	**0.76%**

Class Code	Class Description	Meter Size	Avg Customer Cour	Avg Monthly Usage per Customer (CF)	Total Annual Usage (CF)
11101	3/4" Inside Residential	0.75	1089	542	7,082,981
11102	3/4" Outside Residential	0.75	1849	657	14,578,580
11103	3/4" Inside Commercial	0.75	208	616	1,535,684
11104	3/4" Outside Commercial	0.75	97	821	955,296
11106	3/4" Outside Industrial	0.75	1	339	4,410
11201	1" Inside Residential	1	6	1,509	108,613
11202	1" Outside Residential	1	14	1,274	213,975
11203	1" Inside Commercial	1	46	3,513	1,946,137
11204	1" Outside Commercial	1	18	2,684	577,129
11302	1 1/2" Outside Residential	1.5	1	2,458	29,494
11303	1 1/2" Inside Commercial	1.5	29	1,995	690,113
11304	1 1/2" Outside Commercial	1.5	8	13,068	1,280,688
11401	2" Inside Residential	2	2	7,180	172,313
11402	2" Outside Residential	2	4	4,747	227,837
11403	2" Inside Commercial	2	63	7,193	5,459,191
11404	2" Outside Commercial	2	32	5,738	2,180,612
11405	2" Inside Industrial	2	1	1,305	15,654
11406	2" Outside Industrial	2	1	9,039	108,473
11502	3" Outside Residential	3	1	6,958	83,500
11503	3" Inside Commercial	3	12	15,606	2,247,273
11504	3" Outside Commercial	3	3	5,673	204,233
11506	3" Outside Industrial	3	1	-	-
11603	4" Inside Commercial	4	6	12,320	899,395
11604	4" Outside Commercial	4	4	48,576	2,331,652
11703	6" Inside Commercial	6	1	134,254	1,611,053
11704	6" Outside Commercial	6	3	86,055	3,097,980
11907	Prison	Prison	1	512,966	6,155,587
51202	3/4" Bertsch Residential **	0.75	690	695	5,748,360
51204	3/4" Bertsch Commercial **	0.75	12	709	102,136
51302	1" Bertsch Residential **	1	24	664	188,030
51404	1 1/2" Bertsch Commercial **	1.5	1	1,148	13,781
51504	2" Bertsch Commercial **	2	1	2,294	27,525
51506	2" Bertsch Industrial **	2	1	1,857	22,280
51704	4" Bertsch Commercial **	4	1	67,058	804,700
61103	3/4" City Account (Ins.Comm.)	0.75	4	358	17,186
61203	1" City Account (Ins.Comm.)	1	2	253	6,063
61403	2" City Account (Ins.Comm.)	2	2	6,454	154,885
61503	3" City Account (Ins. Comm.)	3	1	9,525	114,300
72202	3/4" Churchtree Residential **	0.75	32	581	223,504
83202	3/4" Meadowbrook Residential **	0.75	140	818	1,374,660
83204	3/4" Meadowbrook Commercial **	0.75	4	2,606	125,066
83504	2" Meadowbrook Commercial **	2	1	36,198	434,374
					63,154,703

Exhibit C:
Assumptions

Table 3
City of Crescent City

RATE STUDY ASSUMPTIONS
developed with City Staff

Standard Assumptions

		2025	2026	2027	2028	2029	2030	2031
Growth Factor	**Growth Factor**	-0.05%	-0.05%	-0.05%	-0.05%	-0.05%	-0.05%	-0.05%

Meters — **Meter Ratios**

Meter Size	Operating Capacity (GPM)	5/8 "Meter Ratio	3/4" Meter Ratio
1/2"	15	0.75	0.50
5/8"	20	1	0.67
3/4"	30	1.5	1.00
1"	50	2.5	1.67
1.5"	100	5	3.33
2"	160	8	5.33
3"	320	16	10.67
4"	500	25	16.67
6"	1000	50	33.33
8"	1600	80	53.33
10"	2400	120	80.00
12"	3375	168.75	112.50
14"	4000		133.33
16"	5200		173.33
18"	6500		216.67
20"	8000		266.67
24"	13000		433.33
30"	20000		666.67

Customer Count — **Equivalent Connections**

	2026	2027	2028	2029	2030	2031
Current	5515	5515	5515	5515	5515	5515
Current + New Units	5555	5588	5588	5588	5588	5588
Rate Study Units	5555	5588	5588	5588	5588	5588

Customer Usage — **Total Water Usage**

	2026	2027	2028	2029	2030	2031
Current w/o Prison	56,942,131	56,913,660	56,885,203	56,856,761	56,828,332	56,799,918
Current w/Prison	69,521,340	69,486,580	69,451,836	69,417,111	69,382,402	69,347,711
Current w/New Units	58,100,833	58,071,782	58,042,746	58,013,725	57,984,718	57,955,726
Current w/Prison & New Units	70,680,042	70,644,702	70,609,380	70,574,075	70,538,788	70,503,518
Rate Study Usage w/o Prison	58,100,833	58,071,782	58,042,746	58,013,725	57,984,718	57,955,726
Rate Study Usage w/Prison	72,077,932	72,041,893	72,005,872	71,969,869	71,933,884	71,897,917

Prison Usage

2024 Usage	12,585,502
2025 Usage	13,984,091

	2026	2027	2028	2029	2030	2031	
Projection Based on FY2024 Usage	12,579,209	12,572,920	12,566,633	12,560,350	12,554,070	12,547,793	cubic feet
Projection Based on FY2025 Usage	13,977,099	13,970,110	13,963,125	13,956,144	13,949,166	13,942,191	cubic feet
Rate Study Projection	12,579,209	12,572,920	12,566,633	12,560,350	12,554,070	12,547,793	cubic feet

Fund Balance — **2025 Water Fund Balance**

FYE 2025 Estimated Balance from City	$ 4,018,606
FYE 2025 RCAC's Understanding	$ 2,175,354
FYE 2025 Fund Balance for Rate Study	$ 4,018,606

Reserves — **Operating Reserves**

Months of O&M Expenses: 3 = 25% of O&M costs

2026	2027	2028	2029	2030	2031
$3,169,750	$3,169,750	$3,169,750	$3,169,750	$3,169,750	$3,169,750
$792,438	$792,438	$792,438	$792,438	$792,438	$792,438

Emergency Reserves — Based on 2021 Ranney Pump Replacement: $273,000 (2021 costs)

2026	2027	2028	2029	2030	2031
$332,146	$345,432	$359,249	$373,619	$388,564	$404,107
$332,146	$345,432	$359,249	$373,619	$388,564	$404,107

CIP Reserves — 1-year of average projects

$1,127,110	$1,127,110	$1,127,110	$1,127,110	$1,127,110	$1,127,110
$1,127,110	$1,127,110	$1,127,110	$1,127,110	$1,127,110	$1,127,110

Loan Information — **Loan Information**

Year	2026	2027	2028	2029	2030	2031
Amador tank rehabilitation (construction) FY 27-28			$66,974.88	$66,974.88	$66,974.88	$66,974.88
Elevated tank removal FY 27-28			$11,162.48	$11,162.48	$11,162.48	$11,162.48
Amador tank rehabilitation (construction) FY 28-29				$66,974.88	$66,974.88	$66,974.88
Washington tank rehabilitation (construction) FY 28-29				$89,299.84	$89,299.84	$89,299.84
	$0	$0	$78,137	$234,412	$234,412	$234,412

Term	Rate
30	2%
30	2%
30	2%
30	2%

Loan Terms: 350,000

Other Revenue — **Other Revenue**: Use Other Revenue Offset Rates: No

Budget to Actual — **Budget to Actual**: 0%

Inflation — **Inflation**

Standard Inflation	4%	Source: https://data.bls.gov/timeseries/CUUR0400SA0?amp%253bdata_tool=XGtable&output_view=data&include_graphs=true
Other Benefits -4125-	10%	Verbal, For accounts ###-###-4125-####
Energy -4210-	6.32%	https://data.bls.gov/timeseries/CUUR0400SAH21?amp%253bdata_tool=XGtable&output_view=data&include_graphs=true
ISF Allocation - IT -4823-	4.00%	Standard Inflation
ISF Allocation - Bldg Maint - 4824-	4.00%	GSRMA premiums (City total) from City
ISF Allocation - Insurance -4826-	18.30%	GSRMA premiums (City total) from City
Workers Comp -4123-	11.70%	GSRMA premiums (City total) from City

Rate Option Specific Assumptions

		2025	2026	2027	2028	2029	2030	2031
Rate Option C	**% Increase Y2-Y5 Option**	0%	0%	-	16.0%	16.0%	16.0%	16.0%
Rate Option D	**Uniform Bill Increase %**			35.5%	35.5%	35.5%	35.5%	35.5%

Rate Option E — **CIP Funding**

	2026	2027	2028	2029	2030	2031
CIP Planned (Water Funded Projects + Loan Payment)	$ 1,348,746	$ 909,100	$ 1,143,801	$ 901,702	$ 478,394	$ 1,127,110
Averaged CIP less Fire Revenue	$ 1,332,636	$ 893,872	$ 893,872	$ 893,872	$ 893,872	$ 893,872
Varying CIP Budget for Rate Study	$ 1,332,636	$ 270,000	$ 270,000	$ 270,000	$ 270,000	$ 270,000

Rate Option F — PRISON Meter Ratio: 112.50

Exhibit D:
Rate Study Budget Projections

Table 4
City of Crescent City

PROJECTED FINANCIAL POSITION WITH CURRENT RATES

based on 2024 actuals, 2025 budget, and 2026 budget provided by Staff

			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Actuals	Budget	Projected	Projected	Projected	Projected	Projected	Projected
REVENUE	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Water Sales Total	$2,609,969	$2,626,340	$2,682,897	$2,682,897	$2,682,897	$2,682,897	$2,682,897	$2,682,897
Grant Revenue - Operating Total	$78,625	$0	$0	$0	$0	$0	$0	$0
Grant Revenue - CIP Total	$0	$0	$700,000	$0	$0	$0	$9,000,000	$0
Loan Revenue - Operating Total	$0	$0	$0	$0	$0	$0	$0	$0
Loan Revenue - CIP Total	$0	$0	$0	$0	$1,750,000	$3,500,000	$0	$0
Other Revenue Total	$1,136,326	$227,344	$196,844	$196,844	$196,844	$196,844	$196,844	$196,844
Revenue from Other Depts Total	$26,706	$61,155	$0	$0	$0	$0	$0	$0
CSD Admin Revenue Total	$3,505	$3,300	$3,300	$3,300	$3,300	$3,300	$3,300	$3,300
TOTAL REVENUE	**$3,855,130**	**$2,918,139**	**$3,583,041**	**$2,883,041**	**$4,633,041**	**$6,383,041**	**$11,883,041**	**$2,883,041**

	Actuals	Budget	Projected	Projected	Projected	Projected	Projected	Projected
EXPENSES	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
GASB Pension & OPEB Total	$6,339	$0	$0	$0	$0	$0	$0	$0
Grant Expense Total	$77,419	$0	$0	$0	$0	$0	$0	$0
Loan Payments - CIP Total	$0	$0	$0	$0	$78,137	$234,412	$234,412	$234,412
Capital Improvements Total	$228,946	$761,150	$2,048,746	$909,100	$2,815,664	$4,167,290	$9,243,982	$45,741
Dept 110 Expenses Total	$0	$64,839	$42,748	$46,049	$49,705	$53,765	$58,284	$63,326
Dept 111 Expenses Total	$117,538	$129,512	$134,430	$143,708	$153,976	$165,377	$178,077	$192,270
Dept 112 Expenses Total	$45,253	$54,322	$60,729	$64,906	$69,532	$74,670	$80,398	$86,803
Dept 113 Expenses Total	$0	$70,693	$71,166	$76,135	$81,631	$87,729	$94,516	$102,093
Dept 114 Expenses Total	$0	$21,815	$27,724	$29,630	$31,733	$34,061	$36,646	$39,524
Dept 120 Expenses Total	$378,725	$396,472	$466,310	$496,242	$529,123	$565,359	$605,420	$649,854
Dept 130 Expenses Total	$52,425	$57,225	$54,550	$57,368	$60,367	$63,562	$66,968	$70,604
Dept 371 Expenses Total	$2,031,430	$1,920,468	$2,253,437	$2,389,404	$2,537,356	$2,698,808	$2,875,505	$3,069,472
Dept 372 Expenses Total	$83,935	$108,302	$58,656	$62,088	$65,743	$69,721	$74,063	$78,817
O&M Expenses Total	**$2,709,306**	**$2,823,648**	**$3,169,750**	**$3,365,530**	**$3,579,166**	**$3,813,051**	**$4,069,876**	**$4,352,762**
CIP Expenses Total	**$228,946**	**$761,150**	**$2,048,746**	**$909,100**	**$2,893,801**	**$4,401,702**	**$9,478,394**	**$280,153**
TOTAL EXPENSES	**$3,022,010**	**$3,584,798**	**$5,218,496**	**$4,274,630**	**$6,472,967**	**$8,214,753**	**$13,548,270**	**$4,632,915**
NET GAIN/LOSS	**$833,121**	**-$666,659**	**-$1,635,455**	**-$1,391,589**	**-$1,839,926**	**-$1,831,712**	**-$1,665,229**	**-$1,749,874**
							5-YEAR NET GAIN/LOSS	**-$8,478,331**

Table 5
City of Crescent City

FUND 419 REQUIRED REVENUE FROM CUSTOMERS

provided by City Staff

	Actuals FY2024	Budget FY2025	0% Projected FY2026	0% Projected FY2027	0% Projected FY2028	0% Projected FY2029	0% Projected FY2030	0% Projected FY2031
419 REVENUE								
Water Sales Total	$ 2,609,969	$ 2,626,340	$ 2,682,897	$ 2,682,897	$ 2,682,897	$ 2,682,897	$ 2,682,897	$ 2,682,897
Grant Revenue - Operating Total	$ 78,625	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Loan Revenue - Operating Total	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Revenue Total	$ 1,136,326	$ 227,344	$ 196,844	$ 196,844	$ 196,844	$ 196,844	$ 196,844	$ 196,844
Revenue from Other Depts Total	$ 26,706	$ 61,155	$ -	$ -	$ -	$ -	$ -	$ -
CSD Admin Revenue Total	$ 3,505	$ 3,300	$ 3,300	$ 3,300	$ 3,300	$ 3,300	$ 3,300	$ 3,300
TOTAL 419 REVENUE	$ 3,855,130	$ 2,918,139	$ 2,883,041	$ 2,883,041	$ 2,883,041	$ 2,883,041	$ 2,883,041	$ 2,883,041

	Actuals FY2024	Budget FY2025	4% Projected FY2026	4% Projected FY2027	4% Projected FY2028	4% Projected FY2029	4% Projected FY2030	4% Projected FY2031
419 EXPENSES								
GASB Pension & OPEB Total	$ 6,339	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grant Expense Total	$ 77,419	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Dept 110 Expenses Total	$ -	$ 64,839	$ 42,748	$ 46,049	$ 49,705	$ 53,765	$ 58,284	$ 63,326
Dept 111 Expenses Total (Admin)	$ 117,538	$ 129,512	$ 134,430	$ 143,708	$ 153,976	$ 165,377	$ 178,077	$ 192,270
Dept 112 Expenses Total (Econ)	$ 45,253	$ 54,322	$ 60,729	$ 64,906	$ 69,532	$ 74,670	$ 80,398	$ 86,803
Dept 113 Expenses Total	$ -	$ 70,693	$ 71,166	$ 76,135	$ 81,631	$ 87,729	$ 94,516	$ 102,093
Dept 114 Expenses Total	$ -	$ 21,815	$ 27,724	$ 29,630	$ 31,733	$ 34,061	$ 36,646	$ 39,524
Dept 120 Expenses Total (Finance)	$ 378,725	$ 396,472	$ 466,310	$ 496,242	$ 529,123	$ 565,359	$ 605,420	$ 649,854
Dept 130 Expenses Total (Legal)	$ 52,425	$ 57,225	$ 54,550	$ 57,368	$ 60,367	$ 63,562	$ 66,968	$ 70,604
Dept 371 Expenses Total (Water)	$ 2,031,430	$ 1,920,468	$ 2,253,437	$ 2,389,404	$ 2,537,356	$ 2,698,808	$ 2,875,505	$ 3,069,472
Dept 372 Expenses Total (CSD)	$ 83,935	$ 108,302	$ 58,656	$ 62,088	$ 65,743	$ 69,721	$ 74,063	$ 78,817
TOTAL 419 EXPENSES	**$ 2,793,064**	**$ 2,823,648**	**$ 3,169,750**	**$ 3,365,530**	**$ 3,579,166**	**$ 3,813,051**	**$ 4,069,876**	**$ 4,352,762**
Less Non Water Sales Other Revenue	$ 1,245,162	$ 291,799	$ 200,144	$ 200,144	$ 200,144	$ 200,144	$ 200,144	$ 200,144
REVENUE REQUIRED FROM WATER SALES	**$ 1,547,902**	**$ 2,531,849**	**$ 3,169,750**	**$ 3,365,530**	**$ 3,579,166**	**$ 3,813,051**	**$ 4,069,876**	**$ 4,352,762**
Less Revenue From Prison			$ 573,535	$ 608,960	$ 647,615	$ 689,934	$ 736,404	$ 787,590
REVENUE REQUIRED FROM STANDARD CUSTOMERS			**$ 2,596,215**	**$ 2,756,570**	**$ 2,931,551**	**$ 3,123,116**	**$ 3,333,472**	**$ 3,565,172**

Table 6
City of Crescent City

FUND 919 REQUIRED REVENUE FROM CUSTOMERS

provided by City Staff

		Actuals	Budget	Projected	Projected	Projected	Projected	Projected	Projected
919 REVENUE		FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Revenue	Interest Income	30,000.00	51,188.93						
Revenue	Grant Revenue - Elev Tank Seis	0.00	0.00						
Revenue	Grant Revenue - Amador Tank	200,000.00	0.00						
Revenue	Grant Revenue - Grnd Src Well	500,000.00	0.00						
Revenue	Grant Revenue - Other	0.00	0.00	700,000	-	-	-	9,000,000	
Revenue	Loan Revenue - Amador Tank	0.00	0.00			$ 1,500,000	1,500,000		
Revenue	Loan Revenue - Elevated Tank	0.00	0.00			250,000			
Revenue	Loan Revenue - Washington Tank	0.00	0.00				2,000,000		
Revenue	Other Loan Revenue	0.00	0.00						
Revenue	Other Reimbursements	32,167.00	0.00						
Revenue	Transfers In - SCADA Master Pl	0.00	0.00						
Revenue	Transfers In - Elev Tank Seism	0.00	0.00						
Revenue	Transfers In - SCADA Upgrade	0.00	0.00						
Revenue	Transfers In - SCADA Ctrl Bldg	0.00	0.00						
Revenue	Transfers In - Piping Cresc St	0.00	0.00						
Revenue	Transfers In - USDA App	0.00	0.00						
Revenue	Transfers In - Ranney Pump	0.00	0.00						
Revenue	Transfers In - Amador Tank	0.00	0.00		30,000				
Revenue	Transfers In - Storm Drain Wat	0.00	0.00						
Revenue	Transfers In - Wash Tank	0.00	0.00		100,000				
Revenue	Transfers In - PRV Generator	0.00	0.00						
Revenue	Transfers In - Chlor Generator	0.00	0.00		140,000				
Revenue	Transfers in - Front St G-I	0.00	0.00						
Revenue	Transfers In - Ranney VFD	0.00	0.00						
Revenue	Transfers In - Surge Protect	0.00	0.00	620,000					
Revenue	Transfers In - Large Valves	0.00	0.00						
Revenue	Transfers In - Orchard Ln	0.00	0.00						
Revenue	Transfers In - Wash Diesel	0.00	0.00						
Revenue	Transfers In - Auto Meter Read	270,000.00	270,000.00	400,000	400,000	400,000			
Revenue	Transfers In - Water Main Repl	125,000.00	125,000.00	125,000	125,000	125,000	125,000	125,000	
Revenue	Transfers In - Grnd Src Well	154,000.00	154,000.00	154,000					
Revenue	Increase/Decrease in FMV	0.00	19,930.34						
Revenue	Transfers In - Kings Valley or Redundant Well					425,000	425,000		
Revenue	Transfers In - Equipment/Vehicle Purchases			12,150	75,000	75,000	75,000	75,000	
	Projected Water Fund Transfers			1,311,150	870,000	1,025,000	625,000	200,000	
	Projected Loan Revenue			-	-	1,750,000	3,500,000	-	
	Projected Grant Revenue			700,000	-	-	-	9,000,000	
TOTAL 919 REVENUE				**$2,011,150**	**$870,000**	**$2,775,000**	**$4,125,000**	**$9,200,000**	

	Actuals	Budget	Projected	Projected	Projected	Projected	Projected	Projected
919 EXPENSES	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
CIP - Average								846,956
CIP - Elev Tank Seismic Repair	76,139.00	8,593.95	-	-	250,000	-	-	
CIP - SCADA Upgrade	0.00	0.00	-	-	-	-	-	
CIP - SCADA Control Bldg	0.00	0.00	-	-	-	-	-	
CIP - Piping Crescent St	0.00	0.00	-	-	-	-	-	
CIP - USDA App	0.00	0.00	-	-	-	-	-	
CIP - Ranney Pump	137,938.00	0.00	-	-	-	-	-	
CIP - Amador Tank	514,591.00	0.00	-	30,000	1,500,000	1,500,000	-	
CIP - Storm Drain Water Lines	0.00	0.00	-	-	-	-	-	
CIP - Washington Tank	34,679.00	0.00	-	100,000	-	2,000,000	-	
CIP - PRV Generator	11,170.00	8,617.14	-	-	-	-	-	
CIP - Chlor Generator	0.00	0.00	-	140,000	-	-	-	
CIP - Wtr Main Front St G to I	257,048.00	109,501.24	-	-	-	-	-	
CIP - Ranney VFD	33,167.00	0.00	-	-	-	-	-	
CIP - Surge Protect	90,894.00	89,512.24	820,000	-	-	-	-	
CIP - Large Valves	0.00	0.00	-	-	-	-	-	
CIP - Orchard Ln	0.00	0.00	-	-	-	-	-	
CIP - Washington Diesel Tank	123,000.00	77,396.63	-	-	-	-	-	
CIP - Automatic Meter Reading	331,945.00	119,392.87	400,000	400,000	400,000	-	-	
CIP - Water Main Replacements	125,000.00	54,892.67	125,000	125,000	125,000	125,000	125,000	
CIP - Ground Source Well	654,000.00	0.00	654,000	-	-	-	-	
Contra Expense			-	-	-	-	-	
Kings Valley or Redundant Well			-	-	425,000	425,000	9,000,000	
Equipment/Vehicle Purchases			12,150	75,000	75,000	75,000	75,000	
TOTAL 919 EXPENSES			**$2,048,746**	**$909,100**	**$2,815,664**	**$4,167,290**	**$9,243,982**	**$892,698**
Less Grant Revenue			$700,000	$0	$0	$0	$9,000,000	$0
Less Loan Revenue			$0	$0	$1,750,000	$3,500,000	$0	$0
Plus Estimated Loan Payment			$0	$0	$78,137	$234,412	$234,412	$234,412
REVENUE REQUIREMENT FROM WATER SALES			**$1,348,746**	**$909,100**	**$1,143,801**	**$901,702**	**$478,394**	**$1,127,110**

Funded by Water Fund
Funded by debt
Funded by grants
Funded by Water Fund & Grant

Table 7
City of Crescent City

REQUIRED REVENUE INCREASE TO MAINTAIN A POSITIVE NET POSITION

based on 2024 actuals, 2025 budget, and 2026 budget provided by Staff

				16.8%	16.8%	16.8%	16.8%	16.8%
	Actuals	Budget	Projected	Projected	Projected	Projected	Projected	
REVENUE	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Water Sales Total	$2,609,969	$2,626,340	$2,682,897	$3,133,580	$3,659,970	$4,274,785	$4,992,879	$5,831,601
Grant Revenue - Operating Total	$78,625	$0	$0	$0	$0	$0	$0	$0
Grant Revenue - CIP Total	$0	$0	$700,000	$0	$0	$0	$9,000,000	$0
Loan Revenue - Operating Total	$0	$0	$0	$0	$0	$0	$0	$0
Loan Revenue - CIP Total	$0	$0	$0	$0	$1,750,000	$3,500,000	$0	$0
Other Revenue Total	$1,136,326	$227,344	$437,544	$196,844	$196,844	$196,844	$196,844	$196,844
Revenue from Other Depts Total	$26,706	$61,155	$0	$0	$0	$0	$0	$0
CSD Admin Revenue Total	$3,505	$3,300	$3,300	$3,300	$3,300	$3,300	$3,300	$3,300
Total Revenue	**$3,855,130**	**$2,918,139**	**$3,823,741**	**$3,333,724**	**$5,610,114**	**$7,974,929**	**$14,193,023**	**$6,031,745**

	Actuals	Budget	Projected	Projected	Projected	Projected	Projected	
EXPENSES	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
GASB Pension & OPEB Total	$6,339	$0	$0	$0	$0	$0	$0	$0
Grant Expense Total	$77,419	$0	$0	$0	$0	$0	$0	$0
Loan Payments - CIP Total	$0	$0	$0	$0	$78,137	$234,412	$234,412	$234,412
Capital Improvements Total	$228,946	$761,150	$2,048,746	$909,100	$2,815,664	$4,167,290	$9,243,982	$45,741
Dept 110 Expenses Total	$0	$64,839	$42,748	$46,049	$49,705	$53,765	$58,284	$63,326
Dept 111 Expenses Total	$117,538	$129,512	$134,430	$143,708	$153,976	$165,377	$178,077	$192,270
Dept 112 Expenses Total	$45,253	$54,322	$60,729	$64,906	$69,532	$74,670	$80,398	$86,803
Dept 113 Expenses Total	$0	$70,693	$71,166	$76,135	$81,631	$87,729	$94,516	$102,093
Dept 114 Expenses Total	$0	$21,815	$27,724	$29,630	$31,733	$34,061	$36,646	$39,524
Dept 120 Expenses Total	$378,725	$396,472	$466,310	$496,242	$529,123	$565,359	$605,420	$649,854
Dept 130 Expenses Total	$52,425	$57,225	$54,550	$57,368	$60,367	$63,562	$66,968	$70,604
Dept 371 Expenses Total	$2,031,430	$1,920,468	$2,253,437	$2,389,404	$2,537,356	$2,698,808	$2,875,505	$3,069,472
Dept 372 Expenses Total	$83,935	$108,302	$58,656	$62,088	$65,743	$69,721	$74,063	$78,817
O&M Expenses Total	**$2,709,306**	**$2,823,648**	**$3,169,750**	**$3,365,530**	**$3,579,166**	**$3,813,051**	**$4,069,876**	**$4,352,762**
CIP Expenses Total	**$312,703**	**$761,150**	**$2,048,746**	**$909,100**	**$2,893,801**	**$4,401,702**	**$9,478,394**	**$280,153**
TOTAL EXPENSES	**$3,022,010**	**$3,584,798**	**$5,218,496**	**$4,274,630**	**$6,472,967**	**$8,214,753**	**$13,548,270**	**$4,632,915**
NET GAIN/LOSS	**$833,121**	**-$666,659**	**-$1,394,755**	**-$940,906**	**-$862,853**	**-$239,824**	**$644,753**	**$1,398,830**
						5-YEAR NET GAIN/LOSS		**$0**

Exhibit E:
Capital Improvement Plan

Table 8
City of Crescent City

WATER CAPITAL IMPROVEMENT PLAN FY 25-26 THROUGH FY 29-30

provided by City Staff

CIP to be funded by Water Fund								
Project	**Description**	**FY 25-26**	**FY 26-27**	**FY 27-28**	**FY 28-29**	**FY 29-30**	**5 Year Total**	**Comments**
1	Automated meter read upgrade / replace all meters	400,000	400,000	400,000			1,200,000	
2	Surge protection project (city portion)	620,000					620,000	
3	Ground water source well (city portion)	154,000					154,000	
4	Generator at chlorination building		140,000				140,000	
5	Amador tank rehabilitation (PS&E)		30,000				30,000	
6	Washington tank rehabilitation (PS&E)		100,000				100,000	
7	Kings Valley redundant water main (PS&E)			425,000	425,000		850,000	Either project 7 or project 8 - TBD after feasibility study
8	Redundant well (PS&E)						-	Either project 7 or project 8 - TBD after feasibility study
9	Annual water main / large valve replacements	125,000	125,000	125,000	125,000	125,000	625,000	
10	Equipment / vehicle purchases	12,150	75,000	75,000	75,000	75,000	312,150	
		1,311,150	870,000	1,025,000	625,000	200,000	4,031,150	
						200,000		

Other (non-capital) large expenses to be funded by Water Fund								
Project	**Description**	**FY 25-26**	**FY 26-27**	**FY 27-28**	**FY 28-29**	**FY 29-30**	**5 Year Total**	**Comments**
11	SCADA Upgrade	65,000					65,000	
12	Feasibility study for redundant well / chlorination point	50,000					50,000	
		115,000	-	-	-	-	115,000	

CIP to be funded by debt								
Project	**Description**	**FY 25-26**	**FY 26-27**	**FY 27-28**	**FY 28-29**	**FY 29-30**	**5 Year Total**	**Comments**
5	Amador tank rehabilitation (construction)			1,500,000	1,500,000		3,000,000	
6	Washington tank rehabilitation (construction)				2,000,000		2,000,000	
7	Kings Valley redundant water main (construction)						-	Either project 7 or project 8; debt or grant?
8	Redundant well (construction)						-	Either project 7 or project 8; debt or grant?
13	Elevated tank removal			250,000			250,000	
		-	-	1,750,000	3,500,000	-	5,250,000	
				60,667	121,333	-	182,000	

CIP to be funded by grants								
Project	**Description**	**FY 25-26**	**FY 26-27**	**FY 27-28**	**FY 28-29**	**FY 29-30**	**5 Year Total**	**Comments**
2	Surge protection project (BOR, partner with Elk Valley Rancheria	200,000					200,000	
3	Ground water source well	500,000					500,000	
7	Kings Valley redundant water main (construction)					9,000,000	9,000,000	Either project 7 or project 8; debt or grant?
8	Redundant well (construction)						-	Either project 7 or project 8; debt or grant?
14	Water main - Front Street from Play St to Hwy 101 (CDBG)	-					-	Removed Since it is CDBG and has own account outside Water Fund
		700,000	-	-	-	9,000,000	9,700,000	

Exhibit F:
Cost Allocations

Table 9
City of Crescent City

RATE STUDY 419 ALLOCATIONS
developed with City Staff

Expense	Sub-Type	Pivot Classification	Fund 419	Water Fund	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	5-Yr Avg	% Fixed	% Variable	$ Fixed	$ Variable
	GASB Pension & OPEB Total				$0	$0	$0	$0	$0	$0	$0	100%	0%	$0	$0
	Grant Expense Total				$0	$0	$0	$0	$0	$0	$0	100%	0%	$0	$0
	Dept 110 Expenses Total				$42,748	$46,049	$49,705	$53,765	$58,284	$63,326	$54,226	100%	0%	$54,226	$0
	Dept 111 Expenses Total				$134,430	$143,708	$153,976	$165,377	$178,077	$192,270	$166,682	100%	0%	$166,682	$0
	Dept 112 Expenses Total				$60,729	$64,906	$69,532	$74,670	$80,398	$86,803	$75,262	100%	0%	$75,262	$0
	Dept 113 Expenses Total				$71,166	$76,135	$81,631	$87,729	$94,516	$102,093	$88,421	100%	0%	$88,421	$0
	Dept 114 Expenses Total				$27,724	$29,630	$31,733	$34,061	$36,646	$39,524	$34,319	100%	0%	$34,319	$0
	Dept 120 Expenses Total				$466,310	$496,242	$529,123	$565,359	$605,420	$649,854	$569,199	100%	0%	$569,199	$0
	Dept 130 Expenses Total				$54,550	$57,368	$60,367	$63,562	$66,968	$70,604	$63,774	100%	0%	$63,774	$0
Expense	Dept 371 Expenses	Salaries	419-371-4111-00000	Wages & Salaries	$500,570	$520,593	$541,417	$563,073	$585,596	$609,020	$563,940	60%	40%	$338,364	$225,576
Expense	Dept 371 Expenses	Salaries	419-371-4112-00000	Temp & PT Wages	$6,925	$7,202	$7,490	$7,790	$8,101	$8,425	$7,802	60%	40%	$4,681	$3,121
Expense	Dept 371 Expenses	Salaries	419-371-4113-00000	Overtime	$22,779	$23,690	$24,638	$25,623	$26,648	$27,714	$25,663	60%	40%	$15,398	$10,265
Expense	Dept 371 Expenses	Salaries	419-371-4121-00000	PERS - Water Operations	$155,307	$161,519	$167,980	$174,699	$181,687	$188,955	$174,968	60%	40%	$104,981	$69,987
Expense	Dept 371 Expenses	Benefits	419-371-4122-00000	Medicare	$7,906	$8,222	$8,551	$8,893	$9,249	$9,619	$8,907	60%	40%	$5,344	$3,563
Expense	Dept 371 Expenses	Benefits	419-371-4123-00000	Workers Compensation	$30,865	$34,476	$38,510	$43,016	$48,048	$53,670	$43,544	60%	40%	$26,126	$17,418
Expense	Dept 371 Expenses	Benefits	419-371-4124-00000	Unemployment	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Benefits	419-371-4125-00000	Other Benefits Water Ops & Mnt	$147,290	$162,019	$178,221	$196,043	$215,647	$237,212	$197,828	60%	40%	$118,697	$79,131
Expense	Dept 371 Expenses	Benefits	419-371-4126-00000	Retiree Benefits	$14,950	$15,548	$16,170	$16,817	$17,489	$18,189	$16,843	60%	40%	$10,106	$6,737
Expense	Dept 371 Expenses	PTS	419-371-4127-00000	PTS	$91	$95	$98	$102	$106	$111	$103	60%	40%	$62	$41
Expense	Dept 371 Expenses	Utilities	419-371-4210-00000	Electricity	$260,000	$276,423	$293,884	$312,448	$332,184	$353,167	$313,621	0%	100%	$0	$313,621
Expense	Dept 371 Expenses	Utilities	419-371-4220-00000	Gas, Water, Sewer, Other Util	$500	$520	$541	$562	$585	$608	$563	60%	40%	$338	$225
Expense	Dept 371 Expenses	Utilities	419-371-4225-00000	Refuse Disposal	$500	$520	$541	$562	$585	$608	$563	60%	40%	$338	$225
Expense	Dept 371 Expenses	Utilities	419-371-4230-00000	Telephone	$30,730	$31,959	$33,238	$34,567	$35,950	$37,388	$34,620	60%	40%	$20,772	$13,848
Expense	Dept 371 Expenses	Office Admin	419-371-4240-00000	Postage Water System	$500	$520	$541	$562	$585	$608	$563	60%	40%	$338	$225
Expense	Dept 371 Expenses	Office Admin	419-371-4310-00000	Wtr Maint - Office Supply	$1,200	$1,248	$1,298	$1,350	$1,404	$1,460	$1,352	60%	40%	$811	$541
Expense	Dept 371 Expenses	Office Admin	419-371-4311-00000	Office Equipment/Furniture	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Office Admin	419-371-4312-00000	Computer Equipment	$2,480	$2,579	$2,682	$2,790	$2,901	$3,017	$2,794	60%	40%	$1,676	$1,118
Expense	Dept 371 Expenses	PPE	419-371-4320-00000	Uniforms - Water Ops	$2,500	$2,600	$2,704	$2,812	$2,925	$3,042	$2,816	60%	40%	$1,690	$1,127
Expense	Dept 371 Expenses	PPE	419-371-4320-04320	Boot Reimbursement	$600	$624	$649	$675	$702	$730	$676	60%	40%	$406	$270
Expense	Dept 371 Expenses	PPE	419-371-4320-GLASS	Safety Glasses Reimb	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Fuel	419-371-4330-00000	Fuel	$2,000	$2,080	$2,163	$2,250	$2,340	$2,433	$2,253	60%	40%	$1,352	$901
Expense	Dept 371 Expenses	Chemicals	419-371-4340-00000	Chemical	$36,000	$37,440	$38,938	$40,495	$42,115	$43,800	$40,557	0%	100%	$0	$40,557
Expense	Dept 371 Expenses	Janitorial Supplies	419-371-4370-00000	Janitorial Supplies	$100	$104	$108	$112	$117	$122	$113	60%	40%	$68	$45
Expense	Dept 371 Expenses	Parts & Supplies	419-371-4390-00000	Parts & Supplies	$201,710	$209,778	$218,170	$226,896	$235,972	$245,411	$227,245	60%	40%	$136,347	$90,898
Expense	Dept 371 Expenses	Office Admin	419-371-4407-00000	Pre-employment Expense	$500	$520	$541	$562	$585	$608	$563	60%	40%	$338	$225
Expense	Dept 371 Expenses	Other Contracts	419-371-4409-00000	Other Contracts	$207,450	$215,748	$224,378	$233,353	$242,687	$252,395	$233,712	60%	40%	$140,227	$93,485
Expense	Dept 371 Expenses	Maintenance Contract	419-371-4450-00000	Maintenance Contracts	$52,400	$54,496	$56,676	$58,943	$61,301	$63,753	$59,034	60%	40%	$35,420	$23,613
Expense	Dept 371 Expenses	Maintenance Contract	419-371-4450-ENGRP	Maint Cont - Emerg Rp Eng Mar	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Maintenance Contract	419-371-4450-RPAIR	Maint Contracts - Emerg Repair	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Water Lab	419-371-4470-00000	Water - Lab Service (External)	$10,000	$10,400	$10,816	$11,249	$11,699	$12,167	$11,266	60%	40%	$6,760	$4,506
Expense	Dept 371 Expenses	Computer	419-371-4480-00000	Computer Contract Services	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Engineering	419-371-4491-00000	Engineering Serv-Design	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Travel, Training, Subs	419-371-4530-00000	Travel & Training	$8,400	$8,736	$9,085	$9,449	$9,827	$10,220	$9,463	60%	40%	$5,678	$3,785
Expense	Dept 371 Expenses	Travel, Training, Subs	419-371-4550-00000	Dues, Books, Subscriptions	$1,700	$1,768	$1,839	$1,912	$1,989	$2,068	$1,915	60%	40%	$1,149	$766
Expense	Dept 371 Expenses	Other Water Dept Exp	419-371-4620-00000	Interest Expense	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Other Water Dept Exp	419-371-4680-00000	Property Taxes Paid	$1,700	$1,768	$1,839	$1,912	$1,989	$2,068	$1,915	60%	40%	$1,149	$766
Expense	Dept 371 Expenses	Permits	419-371-4685-00000	Operating Tests/Permits/Fines	$18,800	$19,552	$20,334	$21,147	$21,993	$22,873	$21,180	60%	40%	$12,708	$8,472
Expense	Dept 371 Expenses	Other Water Dept Exp	419-371-4815-00000	Transfers Out	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Other Water Dept Exp	419-371-4817-00000	Depreciation Water	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	Water Lab	419-371-4820-00000	CC Lab Services (Internal)	$72,000	$74,880	$77,875	$80,990	$84,230	$87,599	$81,115	60%	40%	$48,669	$32,446
Expense	Dept 371 Expenses	ISF	419-371-4821-00000	Council/Clerk Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 371 Expenses	ISF	419-371-4823-00000	ISF Allocation - IT	$111,000	$115,440	$120,058	$124,860	$129,854	$135,048	$125,052	60%	40%	$75,031	$50,021
Expense	Dept 371 Expenses	ISF	419-371-4824-00000	ISF Allocation - Bldg Maint	$44,844	$50,091	$55,951	$62,498	$69,810	$77,978	$63,265	60%	40%	$37,959	$25,306
Expense	Dept 371 Expenses	ISF	419-371-4825-00000	ISF Allocation - Equipment	$123,342	$128,276	$133,407	$138,743	$144,293	$150,064	$138,956	60%	40%	$83,374	$55,583
Expense	Dept 371 Expenses	ISF	419-371-4826-00000	ISF Allocation - Insurance	$175,798	$207,969	$246,027	$291,050	$344,313	$407,322	$299,336	60%	40%	$179,602	$119,734
Expense	Dept 371 Expenses	ISF	419-371-4827-00000	HR Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Salaries	419-372-4111-41028	Wages/Salaries--Bertsch	$8,492	$8,832	$9,185	$9,552	$9,934	$10,332	$9,567	60%	40%	$5,740	$3,827
Expense	Dept 372 Expenses	Salaries	419-372-4111-41029	Wages/Salaries--Churchtree	$3,696	$3,844	$3,998	$4,157	$4,324	$4,497	$4,164	60%	40%	$2,498	$1,666
Expense	Dept 372 Expenses	Salaries	419-372-4111-41030	Wages/Salaries--Meadowbrook	$3,696	$3,844	$3,998	$4,157	$4,324	$4,497	$4,164	60%	40%	$2,498	$1,666
Expense	Dept 372 Expenses	Salaries	419-372-4112-41028	Temp & PT Wages	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Salaries	419-372-4112-41029	Temp & PT Wages	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Salaries	419-372-4112-41030	Temp & PT Wages	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Salaries	419-372-4113-41028	Overtime - Bertsch	$4,754	$4,944	$5,142	$5,348	$5,562	$5,784	$5,356	60%	40%	$3,213	$2,142
Expense	Dept 372 Expenses	Salaries	419-372-4113-41029	Overtime - Churchtree	$21	$22	$23	$24	$25	$26	$24	60%	40%	$14	$9
Expense	Dept 372 Expenses	Salaries	419-372-4113-41030	Overtime - Meadowbrook	$21	$22	$23	$24	$25	$26	$24	60%	40%	$14	$9
Expense	Dept 372 Expenses	Benefits	419-372-4121-41028	PERS	$2,642	$2,748	$2,858	$2,972	$3,091	$3,214	$2,976	60%	40%	$1,786	$1,191
Expense	Dept 372 Expenses	Benefits	419-372-4121-41029	PERS	$1,150	$1,196	$1,244	$1,294	$1,345	$1,399	$1,296	60%	40%	$777	$518
Expense	Dept 372 Expenses	Benefits	419-372-4121-41030	PERS	$1,150	$1,196	$1,244	$1,294	$1,345	$1,399	$1,296	60%	40%	$777	$518
Expense	Dept 372 Expenses	Benefits	419-372-4122-41028	Medicare - Bertsch Oceanview	$195	$203	$211	$219	$228	$237	$220	60%	40%	$132	$88
Expense	Dept 372 Expenses	Benefits	419-372-4122-41029	Medicare - Churchtree	$55	$57	$59	$62	$64	$67	$62	60%	40%	$37	$25
Expense	Dept 372 Expenses	Benefits	419-372-4122-41030	Medicare - Meadowbrook	$55	$57	$59	$62	$64	$67	$62	60%	40%	$37	$25
Expense	Dept 372 Expenses	Benefits	419-372-4123-41028	Workers Comp	$771	$861	$962	$1,075	$1,200	$1,341	$1,088	60%	40%	$653	$435
Expense	Dept 372 Expenses	Benefits	419-372-4123-41029	Workers Comp	$216	$241	$270	$301	$336	$376	$305	60%	40%	$183	$122
Expense	Dept 372 Expenses	Benefits	419-372-4123-41030	Workers Comp	$216	$241	$270	$301	$336	$376	$305	60%	40%	$183	$122
Expense	Dept 372 Expenses	Benefits	419-372-4125-41028	Other Benefits	$2,743	$3,017	$3,319	$3,651	$4,016	$4,418	$3,684	60%	40%	$2,211	$1,474
Expense	Dept 372 Expenses	Benefits	419-372-4125-41029	Other Benefits	$1,127	$1,240	$1,364	$1,500	$1,650	$1,815	$1,514	60%	40%	$908	$605
Expense	Dept 372 Expenses	Benefits	419-372-4125-41030	Other Benefits	$1,127	$1,240	$1,289	$1,341	$1,394	$1,450	$1,343	60%	40%	$806	$537
Expense	Dept 372 Expenses	Benefits	419-372-4126-41028	Retiree Benefits	$378	$393	$409	$425	$442	$460	$426	60%	40%	$256	$170
Expense	Dept 372 Expenses	Benefits	419-372-4126-41029	Retiree Benefits	$107	$111	$116	$120	$125	$130	$121	60%	40%	$72	$48
Expense	Dept 372 Expenses	Benefits	419-372-4126-41030	Retiree Benefits	$107	$111	$116	$120	$125	$130	$121	60%	40%	$72	$48
Expense	Dept 372 Expenses	PTS	419-372-4127-41028	PTS - Bertsch Oceanview	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	PTS	419-372-4127-41029	PTS - Churchtree	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	PTS	419-372-4127-41030	PTS - Meadowbrook	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Parts & Supplies	419-372-4390-00000	Parts & Supplies	$5,000	$5,200	$5,408	$5,624	$5,849	$6,083	$5,633	60%	40%	$3,380	$2,253
Expense	Dept 372 Expenses	Parts & Supplies	419-372-4390-41028	Parts and supplies - BOV	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Parts & Supplies	419-372-4390-41029	Parts & Supplies - Churchtree	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Parts & Supplies	419-372-4390-41030	Parts & Supplies - Meadowbrook	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Other Contracts	419-372-4409-41028	Other Contracts - BOV	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Other Contracts	419-372-4409-41029	Other Contracts - Churchtree	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Other Contracts	419-372-4409-41030	Other Contracts - Meadowbrook	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Maintenance Contract	419-372-4450-00000	Maint Contracts - CSD	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Maintenance Contract	419-372-4450-41028	Maint Contracts - BOV	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Maintenance Contract	419-372-4450-41029	Maint Contracts - Churchtree	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Maintenance Contract	419-372-4450-41030	Maint Contracts - Meadowbrook	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Water Lab	419-372-4470-00000	Lab Service (External) - CSD	$400	$416	$433	$450	$468	$487	$451	60%	40%	$270	$180
Expense	Dept 372 Expenses	Water Lab	419-372-4470-41028	Lab Services (External) - BOV	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Water Lab	419-372-4470-41029	Lab Services (External) - Chur	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Water Lab	419-372-4470-41030	Lab Services (External) - Mead	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Permits	419-372-4685-00000	Op Tests/Permits/Fines - CSD	$600	$624	$649	$675	$702	$730	$676	60%	40%	$406	$270
Expense	Dept 372 Expenses	Permits	419-372-4685-41028	Op Tests/Permits/Fines - BOV	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Permits	419-372-4685-41029	Op Tests/Permits/Fines - Churc	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Permits	419-372-4685-41030	Op Tests/Permits/Fines - Meado	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	Water Lab	419-372-4820-00000	CC Lab Services (Internal)	$7,700	$8,008	$8,328	$8,661	$9,008	$9,368	$8,675	60%	40%	$5,205	$3,470
Expense	Dept 372 Expenses	ISF	419-372-4821-41028	Council/Clerk Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4821-41029	Council/Clerk Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4821-41030	Council/Clerk Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4823-41028	ISF Allocation - IT	$2,501	$2,601	$2,705	$2,813	$2,926	$3,043	$2,818	60%	40%	$1,691	$1,127
Expense	Dept 372 Expenses	ISF	419-372-4823-41029	ISF Allocation - IT	$798	$830	$863	$898	$934	$971	$899	60%	40%	$539	$360
Expense	Dept 372 Expenses	ISF	419-372-4823-41030	ISF Allocation - IT	$798	$830	$863	$898	$934	$971	$899	60%	40%	$539	$360
Expense	Dept 372 Expenses	ISF	419-372-4824-41028	ISF Allocation - Bldg Maint	$1,010	$1,128	$1,260	$1,408	$1,572	$1,756	$1,425	60%	40%	$855	$570
Expense	Dept 372 Expenses	ISF	419-372-4824-41029	ISF Allocation - Bldg Maint	$322	$360	$402	$449	$501	$560	$454	60%	40%	$273	$182
Expense	Dept 372 Expenses	ISF	419-372-4824-41030	ISF Allocation - Bldg Maint	$322	$360	$402	$449	$501	$560	$454	60%	40%	$273	$182
Expense	Dept 372 Expenses	ISF	419-372-4825-41028	ISF Allocation - Equipment	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4825-41029	ISF Allocation - Equipment	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4825-41030	ISF Allocation - Equipment	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4826-41028	ISF Allocation - Insurance	$3,960	$4,685	$5,542	$6,556	$7,756	$9,175	$6,743	60%	40%	$4,046	$2,697
Expense	Dept 372 Expenses	ISF	419-372-4826-41029	ISF Allocation - Insurance	$1,263	$1,314	$1,366	$1,421	$1,478	$1,537	$1,423	60%	40%	$854	$569
Expense	Dept 372 Expenses	ISF	419-372-4826-41030	ISF Allocation - Insurance	$1,263	$1,314	$1,366	$1,421	$1,478	$1,537	$1,423	60%	40%	$854	$569
Expense	Dept 372 Expenses	ISF	419-372-4827-41028	HR Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4827-41029	HR Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
Expense	Dept 372 Expenses	ISF	419-372-4827-41030	HR Allocation	$0	$0	$0	$0	$0	$0	$0	60%	40%	$0	$0
				Total 419 Expenses	$3,169,750	$3,365,530	$3,579,166	$3,813,051	$4,069,876	$4,352,762	$3,836,077			$2,509,892	$1,326,185
				Less Other Revenue	0	0	0	0	0	0					
				Less Prison Revenue	$573,535	$608,960	$647,615	$689,934	$736,404	$787,590				65%	35%
				Revenue Needed From Other Customers	$2,596,215	$2,756,570	$2,931,551	$3,123,116	$3,333,472	$3,565,172					

FY2026	$1,698,667	$897,548
FY2027	$1,803,586	$952,985
FY2028	$1,918,073	$1,013,478
FY2029	$2,043,411	$1,079,705
FY2030	$2.181.044	$1.152.428
FY2031	$2.332.642	$1.232.530

Table 10
City of Crescent City

RATE STUDY 419 ALLOCATIONS

developed with City Staff

Expense	Sub-Type	Water Fund	Actuals FY2024	Budget FY2025	Projected FY2026	Projected FY2027	Projected FY2028	Projected FY2029	Projected 2030	Projected 2031	5-Yr Average	% Fixed	% Variable	$ Fixed	$ Variable
	Loan Payments - CIP Total		0	0	0	0	0	0	0	$846,956	$ 169,391	60%	40.00%	$ 101,635	$ 67,756.51
Expense	Capital Improv	Transfers Out	$433,418	$435,628	$37,596	$39,100	$40,664	$42,290	$43,982	$45,741	$ 42,355	60%	40.00%	$ 25,413	$ 16,942.19
Expense	Capital Improv	Transfers Out - SCADA Mstr Pl	$0	$0	$0	$0	$0	$0	$0		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Elev Tank Seis	$0	$0	-	-	$250,000	-	-		$ 250,000	60%	40.00%	$ 150,000	$ 100,000.00
Expense	Capital Improv	Transfers Out - SCADA Upgrade	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - SCADA Ctrl Bld	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Piping Crsc St	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - USDA App	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Ranney Pump	$0	$0	-	$0	$0	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Amador Tank	$0	$0	-	$30,000	$1,500,000	$1,500,000	-		$ 1,010,000	60%	40.00%	$ 606,000	$ 404,000.00
Expense	Capital Improv	Transfers Out - Storm Drain Wa	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Wash Tank	$0	$0	-	$100,000	-	$2,000,000	-		$ 1,050,000	60%	40.00%	$ 630,000	$ 420,000.00
Expense	Capital Improv	Transfers Out - PRV Generator	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Chlor Generato	$0	$0	-	$140,000	-	-	-		$ 140,000	60%	40.00%	$ 84,000	$ 56,000.00
Expense	Capital Improv	Transfers out - Front St G-I	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Ranney VFD	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Surge Protect	$0	$200,000	$820,000	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Large Valves	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Orchard Ln	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Wash Diesel	$0	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Transfers Out - Auto Meter Rea	$270,000	$400,000	$400,000	$400,000	$400,000	-	-		$ 400,000	60%	40.00%	$ 240,000	$ 160,000.00
Expense	Capital Improv	Transfers Out - Water Main Rep	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000	$125,000		$ 125,000	60%	40.00%	$ 75,000	$ 50,000.00
Expense	Capital Improv	Transfers Out - Grnd Src Well	$154,000	$0	$654,000	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Contra Expense	-$467,907	$0	-	-	-	-	-		$ -	60%	40.00%	$ -	$ -
Expense	Capital Improv	Kings Valley or Redundant Well			-	-	$425,000	$425,000	$9,000,000		$ 3,283,333	60%	40.00%	$ 1,970,000	$ 1,313,333.33
Expense	Capital Improv	Equipment/Vehicle Purchases			$12,150	$75,000	$75,000	$75,000	$75,000		$ 75,000	60%	40.00%	$ 45,000	$ 30,000.00
		Total 919 Expenses Planned			$ 2,048,746	$ 909,100	$ 2,815,664	$ 4,167,290	$ 9,243,982	$ 892,698	$ 6,545,080			$ 3,927,048	$ 2,618,032
		Less Grant Revenue			$700,000	$0	$0	$0	$9,000,000	$0				60.0%	40.0%
		Less Loan Revenue			$0	$0	$1,750,000	$3,500,000	$0	$0					
					$1,348,746	$909,100	$1,065,664	$667,290	$243,982						
		Plus Annual Loan Payment			$0	$0	$78,137	$234,412	$234,412	$234,412					
		Total Needed From Water Sales			$1,348,746	$909,100	$1,143,801	$901,702	$478,394	$1,127,110	$912,021				
		Less Fire Service Revenue			$16,110	$16,754	$17,424	$18,121	$18,846	$19,600					
		Total Needed From Other Customers			$ 1,332,636	$ 892,346	$ 1,126,377	$ 883,581	$ 459,548	$ 1,107,510					
		Total Needed From Other Customer Averaged			$ 1,332,636	$ 893,872	$ 893,872	$ 893,872	$ 893,872	$ 893,872					
					1998789	$ 1,999,000									

FY2026	$	799,582	$	533,055
FY2027	$	535,407	$	356,938
FY2028	$	675,826	$	450,551
FY2029	$	530,149	$	353,433
FY2030	$	275,729	$	183,819
FY2031	$	664,506	$	443,004
5 Yr Avg	$	536,323	$	357,549
	$	536,323	$	357,549
	$	536,323	$	357,549
	$	536,323	$	357,549
	$	536,323	$	357,549

Exhibit G:
Proposed Rates

Table 11
City of Crescent City

Proposed Rate Option Detail
developed with City Staff

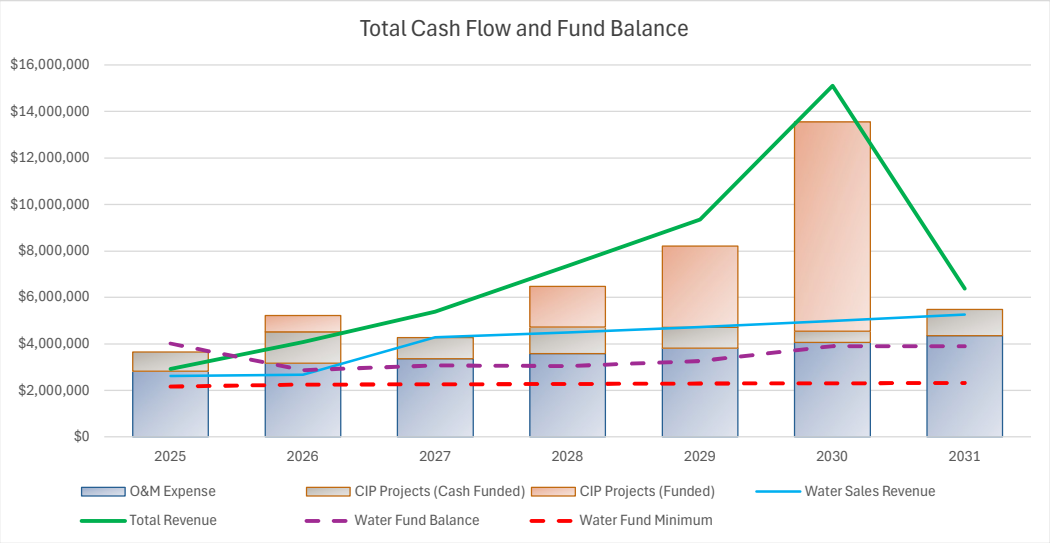
Proposed Rate Option: Cost Recovery Rate	2026 (Current Rate)	2027	2028	2029	2030	2031	5-Year Totals
BEGINNING FUND BALANCE	**$4,018,606**	**$2,872,145**	**$3,077,724**	**$3,049,463**	**$3,264,207**	**$3,903,214**	
Total Water Sales Net Revenue	$3,171,891	$4,280,065	$4,494,562	$4,729,353	$4,987,133	$5,271,026	
Total O&M Expenses	$3,169,750	$3,365,530	$3,579,166	$3,813,051	$4,069,876	$4,352,762	
Water Sales Revenue Net of O&M	**$2,141**	**$914,535**	**$915,396**	**$916,302**	**$917,257**	**$918,264**	**$4,581,755**
Other Revenue	$200,144	$200,144	$200,144	$200,144	$200,144	$200,144	
CIP Projects (Funded)	$700,000	$0	$1,750,000	$3,500,000	$9,000,000	$0	
Total Revenue for Capital Replacemer	**$902,285**	**$1,114,679**	**$2,865,540**	**$4,616,446**	**$10,117,401**	**$1,118,408**	**$19,832,475**
CIP Projects (Planned, Cash Portion)	$1,348,746	$909,100	$1,143,801	$901,702	$478,394	$1,127,110	
CIP Projects (Funded)	$700,000	$0	$1,750,000	$3,500,000	$9,000,000	$0	
Water Fund Balance Change	**-$1,146,461**	**$205,579**	**-$28,261**	**$214,744**	**$639,007**	**-$8,702**	**$1,022,367**
ENDING FUND BALANCE	**$2,872,145**	**$3,077,724**	**$3,049,463**	**$3,264,207**	**$3,903,214**	**$3,894,513**	
Debt Service Coverage Ratio	-	-	11.7	3.9	3.9	3.9	

Proposed Rate Option	2026 (Current Rates)	2027	2028	2029	2030	2031
3/4" Meter	$22.49	$34.90	$36.60	$38.47	$40.52	$42.79
1" Meter	$31.66	$58.16	$61.00	$64.12	$67.54	$71.31
1.5" Meter	$50.35	$116.32	$122.01	$128.24	$135.08	$142.62
2" Meter	$76.85	$186.11	$195.22	$205.18	$216.13	$228.19
3" Meter	$113.24	$372.22	$390.43	$410.37	$432.26	$456.38
4" Meter	$147.93	$581.59	$610.05	$641.20	$675.41	$713.09
6" Meter	$210.95	$1,163.18	$1,220.10	$1,282.40	$1,350.82	$1,426.18
4" Fire Service	$13.33	$10.97	$11.41	$11.86	$12.34	$12.83
6" Fire Service	$17.60	$31.84	$33.12	$34.44	$35.82	$37.25
8" Fire Service	$26.28	$67.87	$70.59	$73.41	$76.35	$79.40
Usage (per HCF)	$2.62	$2.26	$2.36	$2.48	$2.60	$2.74
Prison (per Thousand Gallons)	$3.11	$6.48	$6.89	$7.34	$7.84	$8.39
Average Residential Bill (500cf)	$22.49	$46.18	$48.41	$50.86	$53.55	$56.50
Avg Residential Bill Percent Increase	0.0%	99.7%	4.8%	5.0%	5.3%	5.5%
Avg Residential Bill Affordability	0.76%	1.57%	1.64%	1.73%	1.82%	1.92%

NOTES: These proposed rates collect the City's "true cost of service" which includes fully funding its O&M budget and its planned capital projects.

Proposed Rate Option: Cost Recovery Rate, continued

GRAPHS:



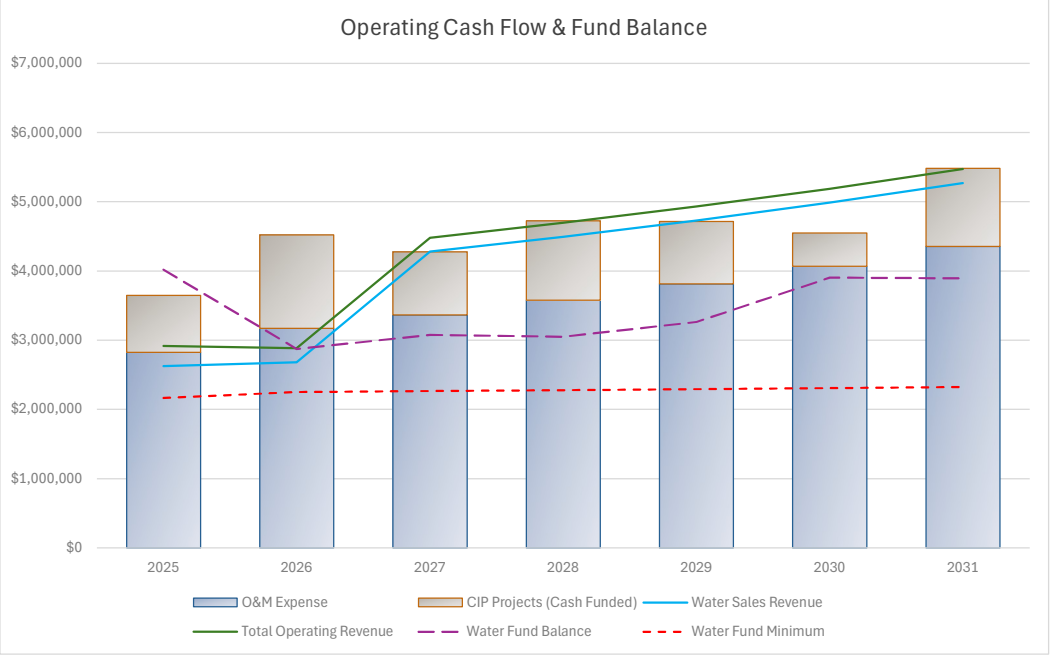


Exhibit H:
Customer Impact Analysis

Table 12
City of Crescent City

CUSTOMER IMPACT ANALYSIS

from City Billing Software and Rate Model

Total Revenue in FYE 2024 (calculated w/billing data)
Total Usage in FYE 2024

Proposed >1.75x Current Bill
Proposed >2x Current Bill

Class Code	Class Description	Current Bill	Proposed New Bill	Current Annual Revenue	Proposed Annual Revenue
11101	3/4" Inside Residential	23.59	47.13	$308,264	$615,790
11102	3/4" Outside Residential	26.60	49.72	$590,342	$1,103,404
11103	3/4" Inside Commercial	25.52	48.79	$63,663	$121,721
11104	3/4" Outside Commercial	30.89	53.42	$35,959	$62,177
11106	3/4" Outside Industrial	18.28	42.55	$238	$553
11201	1" Inside Residential	58.08	92.20	$4,182	$6,639
11202	1" Outside Residential	51.93	86.90	$8,724	$14,600
11203	1" Inside Commercial	110.60	137.44	$61,271	$76,140
11204	1" Outside Commercial	88.89	118.74	$19,111	$25,529
11302	1 1/2" Outside Residential	101.65	171.79	$1,220	$2,061
11303	1 1/2" Inside Commercial	89.51	161.33	$30,969	$55,820
11304	1 1/2" Outside Commercial	379.64	411.24	$37,205	$40,301
11401	2" Inside Residential	251.86	348.14	$6,045	$8,355
11402	2" Outside Residential	188.11	293.23	$9,029	$14,075
11403	2" Inside Commercial	252.20	348.43	$191,417	$264,457
11404	2" Outside Commercial	214.10	315.61	$81,357	$119,933
11405	2" Inside Industrial	97.93	215.55	$1,175	$2,587
11406	2" Outside Industrial	300.58	390.11	$3,607	$4,681
11502	3" Outside Residential	282.45	529.25	$3,389	$6,351
11503	3" Inside Commercial	509.02	724.41	$73,299	$104,315
11504	3" Outside Commercial	248.78	500.25	$8,956	$18,009
11506	3" Outside Industrial	100.14	372.22	$1,202	$4,467
11603	4" Inside Commercial	457.63	859.63	$33,407	$62,753
11604	4" Outside Commercial	1,407.52	1,677.83	$67,561	$80,536
11703	6" Inside Commercial	3,715.32	4,192.97	$44,584	$50,316
11704	6" Outside Commercial	2,452.49	3,105.23	$88,290	$111,788
11907	Prison	11,933.02	24,845.10	$458,482	$298,141
51202	3/4" Bertsch Residential **	27.59	50.57	$228,300	$418,452
51204	3/4" Bertsch Commercial **	27.97	50.90	$4,028	$7,330
51302	1" Bertsch Residential **	35.97	73.15	$10,179	$20,702
51404	1 1/2" Bertsch Commercial **	67.34	142.24	$808	$1,707
51504	2" Bertsch Commercial **	123.85	237.87	$1,486	$2,854
51506	2" Bertsch Industrial **	112.39	228.01	$1,349	$2,736
51704	4" Bertsch Commercial **	1,891.76	2,094.93	$22,701	$25,139
61103	3/4" City Account (Ins.Comm.)	18.77	42.98	$901	$2,063
61203	1" City Account (Ins.Comm.)	25.18	63.86	$604	$1,533
61403	2" City Account (Ins.Comm.)	232.83	331.75	$5,588	$7,962
61503	3" City Account (Ins. Comm.)	349.70	587.17	$4,196	$7,046
72202	3/4" Churchtree Residential **	24.60	48.00	$9,471	$18,479
83202	3/4" Meadowbrook Residential **	30.82	53.35	$51,801	$89,682
83204	3/4" Meadowbrook Commercial **	77.66	93.70	$3,727	$4,497
83504	2" Meadowbrook Commercial **	1,012.13	1,003.00	$12,146	$12,036
			Total Annual Revenue	**$2,590,231**	**$3,897,717**

Exhibit I:
Residential Monthly Bill Comparison

Table 13
City of Crescent City

MONTHLY RESIDENTIAL WATER BILL COMPARISON

from Rate Model & Water System Websites