

2022 Water Rate Study Report
Indian Well Valley Water District
Final Report
January 4, 2023



January 4, 2023



Mr. Tyrell Staheli
Finance Director
Indian Wells Valley Water District
500 W. Ridgecrest Blvd.
Ridgecrest, CA 93555

Re: 2022 Water Rate Study Report

Dear Mr. Staheli,

Hildebrand Consulting is pleased to present this 2022 Water Rate Study Report (Report) that was performed for Indian Wells Valley Water District. We appreciate the fine assistance provided by you and all of the members of the District staff who participated in the study.

If you or others at the District have any questions, please do not hesitate to contact me at:

mhildebrand@hildco.com
(510) 316-0621

We appreciate the opportunity to be of service to the District and look forward to the possibility of doing so again in the near future.

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. Hildebrand', is located below the 'Sincerely,' text.

Mark Hildebrand
Hildebrand Consulting, LLC

Enclosure

TABLE OF CONTENTS

SECTION 1.	INTRODUCTION.....	2
1.1	DISTRICT BACKGROUND	2
1.2	STUDY BACKGROUND	2
1.3	STUDY OBJECTIVES.....	3
1.4	STUDY METHODOLOGY	3
SECTION 2.	10-YEAR FINANCIAL PLAN.....	5
2.1	EXISTING FUNDS AND REVENUES.....	5
2.2	CURRENT AND FORECASTED EXPENSES	11
2.3	PROPOSED FINANCIAL STRATEGY	14
SECTION 3.	COST OF SERVICE ANALYSIS AND RATE DESIGN	17
3.1	CURRENT RATES	17
3.2	COSA AND RATE DESIGN METHODOLOGY	18
3.3	PROPOSED RATE STRUCTURE.....	22
3.4	MISCELLANEOUS CHARGES	25
SECTION 4.	CONCLUSION	27

LIST OF TABLES

Table 1: FY 2021/22 Beginning Cash Balance.....	7
Table 2: Summary of Capital Spending through FY 2028/29*	14
Table 3: Allocation of Function Costs to Revenue Recovery Components.....	19
Table 4: Calculating Unit Cost of Service	21
Table 5: Year 1 Meter Charge and Arsenic Charge by Meter Size.....	22
Table 6: Proposed Tier Thresholds By Meter Size	24

LIST OF FIGURES

Figure 1: Revenue Categories (FY 2021/22 budget) 10
Figure 2: Budgeted Operating & Debt Expenses (FY 2021/22) 11
Figure 3: Historic and Projected Capital Spending 13
Figure 4: Cash Flow Projection with Recommended Rate Revenue Increases 16
Figure 5: Cost of Service and Rate Design Methodology Steps 18
Figure 6: Year 1 Tiered Rates and Tier Allocation 24

LIST OF SCHEDULES

Schedule 1 –Budgeted & Projected Operating and Debt Expenses
Schedule 2 –Capital Spending Request
Schedule 3 - Cash Flow Pro Forma
Schedule 4 – Allocation of Costs to System Functions
Schedule 5 - Five-Year Schedule of Proposed Rates

List of Acronyms

AWWA	American Water Works Association
CIP	capital improvement program
COP	Certificates of Participation
COSA	cost of service analysis
DCR	debt service coverage ratio
FY	fiscal year (which ends on June 30 for the District)
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
HCF	hundred cubic feet (748 gallons)
SGMA	Sustainable Groundwater Management Act

Section 1. INTRODUCTION

Indian Wells Valley Water District (District) has retained Hildebrand Consulting to update its financial plan and conduct a cost-of-service analysis (COSA) to update the District's water rates (Study). This report describes in detail the assumptions, procedures, and results of the study, including conclusions and recommendations.

1.1 DISTRICT BACKGROUND

The District was organized in 1953 for the purpose of providing domestic water supplies within its service area. The District is situated in the Indian Wells Valley, which lies in the northern portion of the Mojave Desert, southeasterly of the Sierra Nevada, and southerly of the Owens Valley. The District is the primary purveyor of public water supplies in the Ridgecrest area of Kern and San Bernardino Counties.

The District manages water resources and constructs, operates, maintains, repairs, and replaces water system facilities as needed to provide water service in compliance with applicable standards and regulations.

The District's water comes from groundwater wells, four of which are treated for arsenic removal. The service area varies in elevation by more than 500 feet; therefore, the District has created five different elevation zones for purposes of water rates.

1.2 STUDY BACKGROUND

The District prepared a water rate study in 2018 which included both a financial plan and COSA (2018 Rate Study¹). Based on the 2018 Rate Study's recommendations the

¹ Indian Wells Valley Water District, *Water Rate Study – Final Report*, November 29, 2018, Stantec

District adopted a five-year schedule of water rates with the last rate increase occurring on July 1, 2022.

1.3 STUDY OBJECTIVES

The primary objectives of this Study are to:

- i. Develop a multi-year financial management plan that integrates the District’s capital funding needs;
- ii. Identify future rate adjustments to water rates and a funding strategy that will ensure adequate revenues to meet the District’s ongoing financial requirements;
- iii. Determine the cost of providing water service to customers using industry accepted methodologies and to ensure compliance with Proposition 218 requirements; and
- iv. Recommend modifications to the existing rate structure, as needed, to address changes to the District’s cost structure while promoting affordability and water conservation to the extent appropriate.

1.4 STUDY METHODOLOGY

This Study applied methodologies that are aligned with industry standard practices for rate setting as laid out in the American Water Works Association (AWWA) M1 Manual², and applicable law, including California Constitution Article XIII D, Section 6(b), commonly known as Proposition 218.

The Study began with a review of the District’s current financial dynamics and latest available data for the utility’s operations. A multi-year financial management plan was then developed to determine the level of annual rate revenue required to cover projected annual operating expenses, debt service (including coverage targets), and

² AWWA M1 Manual: Principles of Water Rates, Fees, and Charges, 7th Edition

capital cost requirements while maintaining adequate reserves. This portion of the Study was conducted using an MS Excel[®]-based financial planning model which was customized to reflect financial dynamics and latest available data for the District's operations in order to develop a long-term financial management plan, inclusive of projected annual revenue requirements and corresponding annual rate adjustments.

The 10-year Financial Plan was developed through several interactive work sessions with District staff. As a result of this process, the Study has produced a robust Financial Plan that will enable the District to meet its future revenue requirements and achieve financial performance objectives throughout the study period while striving to limit rate increases.

Using the revenue requirements for Fiscal Year³ (FY) ending June 2023 (FY 2022/23), we then performed a detailed COSA using principles outlined by the AWWA and other generally accepted industry practices in order to develop rates that equitably reflect the cost of providing service.

The recommended rate schedules presented herein are designed to ensure that the District's water rates conform to accepted industry practice, legal requirements, and reflect the equitable distribution of system costs, while achieving the District's policy objectives, such as fiscal stability and affordability.

³ Fiscal years are indicated by their ending years. For example, FY 2023 starts on July 1, 2022 and ends on June 30, 2023.

Section 2. 10-YEAR FINANCIAL PLAN

The financial plan is an annual cash flow model. As a cash flow model, it differs from standard accounting income statements, and balance sheets.

2.1 EXISTING FUNDS AND REVENUES

The following described the District’s existing fund structures, policies and revenues.

2.1.1 Reserve Policies

Utilities set aside cash reserves in order to both (1) ensure that short-term cash flow requirements can always be met even during adverse conditions and (2) meet financial obligations associated with outstanding debt. Reserves help to ensure that a utility will always have adequate funds available to meet its financial obligations (including debt payments) during periods of revenue shortfall (either because revenues are unusually low or because expenditures are unusually high). Reserves also provide a financial backstop in the event of emergency repairs to the system as a result of natural disasters or unanticipated system failures.

Establishing target reserve levels is central to the process of developing a multi-year financial plan. Financial policies should articulate the level of the reserve targets, the purpose of the respective reserves, and the intended use of the funds, including any limitations on the use of the funds. Once reserve targets are established, they should be reviewed annually during the budgeting process to assure conformance with any adopted policies and consistency with the underlying financial plan. Decisions can be made to maintain, increase, or spend down the reserve balances, as appropriate, within the context of the long-range financial plan.

The financial plan in this Study is consistent with all of the District’s existing reserve policies. The District reserve policies are consistent with 1) our industry experience for

similar systems, 2) reserve policy recommendations by the AWWA, and 3) the criteria published by municipal utility rating agencies (Fitch, Moody's, and Standard & Poor's).

2.1.1.1 MINIMUM RESERVES

Minimum reserves refer to reserves that the District should never *plan* to draw down (although circumstances may force the District to use these reserves). In other words, such reserves provide the District with a critical financial cushion that should only be used as a result of unforeseen circumstances. The District has one such reserve, which is described below.

Operating Reserve - The District has a 6-month Operating Reserve policy, which means that 180 days of operating costs are kept available in cash reserves. This reserve ensures continuity of service regardless of short-term changes in cash flow or sudden increases in operating costs. Since this reserve target is set relative to the District's operating budget, the target will change as the budget changes. As detailed in **Schedule 3**, the Operating Reserve target is approximately \$4.2 million in FY 2022/23.

2.1.1.2 TARGET RESERVES

Target reserves are more flexible than minimum reserves and are designed to be drawn down and built back up over the course of a financial planning period. These reserves are meant to provide the District with both some protection against catastrophic failure as well as flexibility with cash funding its capital program.

Capital Reserve - The purpose of the Capital Reserve is both to (1) protect the District from the financial impacts that may be caused by the catastrophic failure of critical infrastructure and (2) manage the inherent volatility of capital spending. The District has sized the target of this reserve to be equal to the replacement cost of one well, one booster station and one storage tank. Based on District cost estimates, this equals approximately \$10.8 million.

Vehicle and Computer Replacement Reserves - These reserves total \$350 thousand and \$100 thousand, respectively. The vehicle and computer reserves are maintained at their maximum balance allowed by Resolution 13-08.

2.1.2 Beginning Fund Balance

The ending cash balance for FY 2020/21 was used to establish the FY 2021/22 beginning balance, as outlined in **Table 1**. The restricted funds refer to funds that were collected through the Capital Facility Fee and are designated to pay for growth-related capital projects. The remaining Certificate of Participation (COP) proceeds are designated to pay for capital projects in both FY 2021/22 and FY 2022/23.

Table 1: FY 2021/22 Beginning Cash Balance

Unrestricted Fund Balance	\$13,345,000
• Restricted Fund (Capital Facility Fund)	\$1,230,000
Remaining 2018 COP Proceeds	\$6,376,000
Total:	\$20,951,000

2.1.3 Forecasted Customer Growth

Growth in the customer base affects both water demand as well as Capital Facility Fee⁴ revenue. Estimated annual Capital Facility Fee revenues are based on the amount of new development activity (i.e., growth). Capital Facility Fee revenue accrues to the respective capital fund and is used to help fund planned capital improvement projects.

In recent years, Capital Facility Fee revenues indicate that the District has grown at a rate of about 0.3 percent per year. Future growth will depend on many factors, including

⁴ Capital Facility Fees are one-time charges to new development to pay for capacity in the utility systems.

the economy. Based on direction from District staff, this Study assumes that the annual growth rate will continue at an average of 0.3 percent for the planning period.

2.1.4 Rate Revenue

Rate revenue is the revenue generated from customers for water service. The District receives rate revenue in the form of fixed charges (Account Charge, Ready-to-Serve Charge and Arsenic Compliance Charge) and the consumption-based Commodity Charge and Zone Charge. The District also collects Construction Meter Charges for the use of temporary hydrant meters, a fixed Private Fire Service charge for those with direct fire service lines, and Bulk Water Rates for customers that receive their water from the filling station. Rate revenue is based upon FY 2021/22 budgeted revenues, adjusted annually to reflect assumed customer growth and the rate revenue adjustments that are proposed by this Study.

The Financial Plan starts with FY 2021/22 budgeted rate revenues. Estimated future rate revenues include the small amount of customer growth (see Section 2.1.3) as well as the annual rate revenue adjustments proposed by this Study. Other than demand increases associated with customer growth, water demand is anticipated to remain constant. Budgeted and projected rate revenues (including proposed rate adjustments) over the next ten years are listed in **Schedule 3**.

2.1.5 Non-Rate Revenues

In addition to rate revenue, the District receives additional “non-rate revenue” from sources such as miscellaneous service fees (e.g., turn-on service fee, delinquency billing charges, plan checks and inspection fees), Capital Facility Fees, operational revenue (e.g., energy curtailment credit and rent), Groundwater Sustainability Agency (GSA) fee revenue (see below) and interest revenue on investments. Projections of non-rate revenues were based on FY 2021/22 budgeted revenues and assumed to remain flat for the planning period. Future interest income was estimated based upon projected fund

balances and assumed interest rate of 0.5 percent, which is consistent with the District's historical interest earnings relative to its total reserve levels.

The District is subject to fees imposed by the Indian Wells Valley Groundwater Authority are designed to pay for the costs associated with complying with the requirements of the Sustainable Groundwater Management Act (SGMA). The District currently pays two such fees, both of which are volumetric fees and are collectively referred to as the "GSA fees." The first is the Groundwater Extraction Fee of \$0.24 per hundred cubic feet (HCF) of pumped groundwater to primarily pay for the preparation of the Groundwater Sustainability Plan (GSP). The second is the Replenishment Fee of \$1.65 / HCF of pumped groundwater to pay for the costs of an imported water supply. Currently the District passes through these GSA fees to customers by adding the above commodity rates to the District's then-current commodity rates.

Estimated future annual Capital Facility Fee revenues were based on the current fees and the projected amount of new growth (see Section 2.1.3). Capital Facility Fee revenue is restricted and is used to help fund specific growth-related capital improvement projects.

Budgeted water rate and non-rate revenues are depicted in Figure 1 and listed in detail in **Schedule 3**.

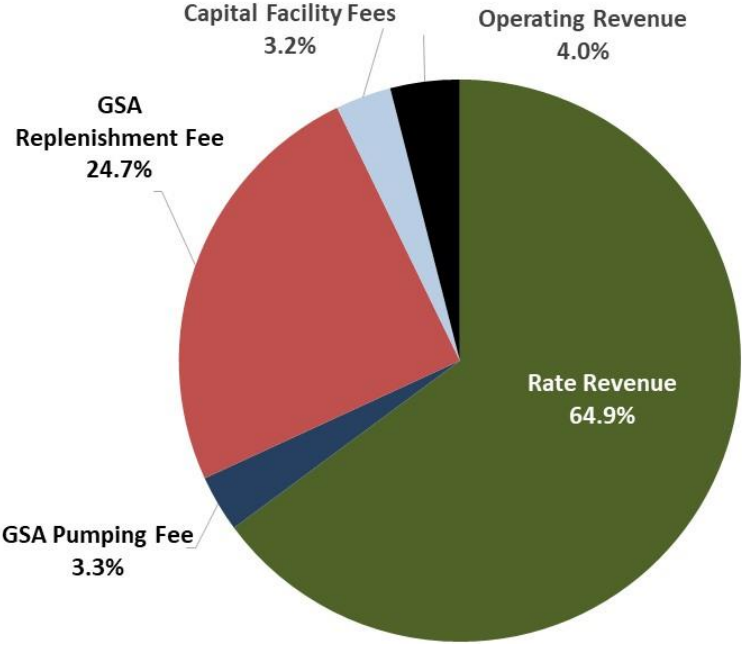


Figure 1: Revenue Categories (FY 2021/22 budget)

2.2 CURRENT AND FORECASTED EXPENSES

This section describes the District’s existing and forecasted operating, debt and capital expenses.

2.2.1 Operations and Maintenance

The District’s operating and maintenance expenses were projected over the next ten years based on expected inflation rates, starting with the budgeted expenses for FY 2021/22 (see Section 2.2.2). Major budgeted expense categories for FY 2021/22 are depicted in Figure 2. Budgeted and projected operating and maintenance costs are listed in detail in **Schedule 1**.

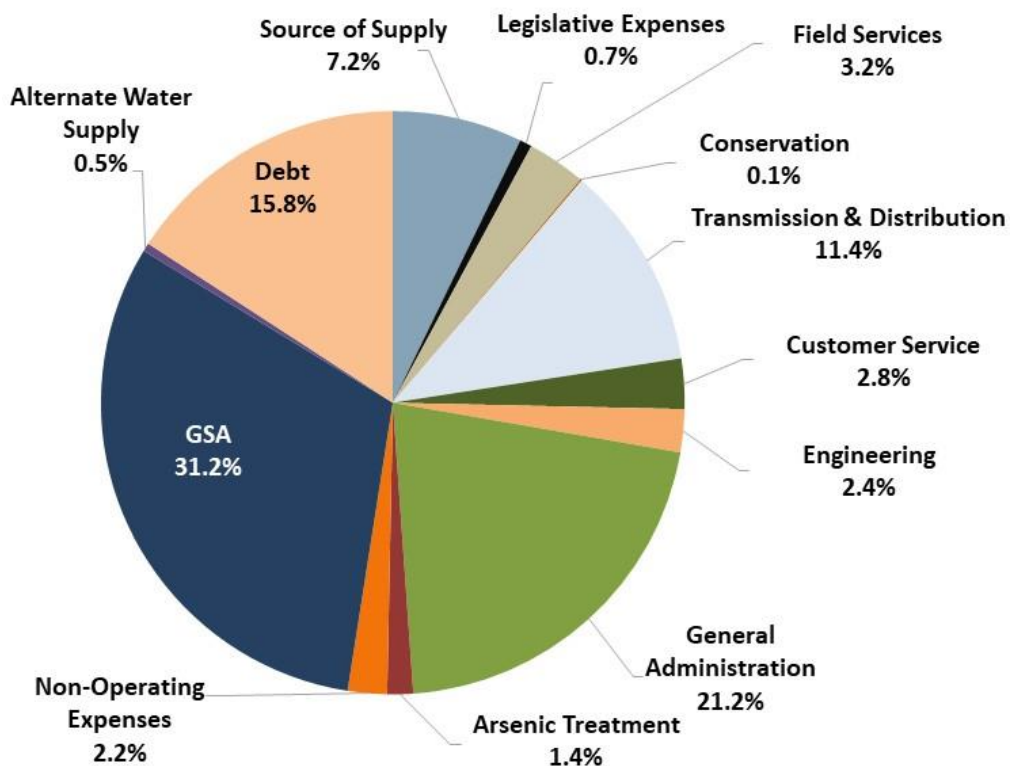


Figure 2: Budgeted Operating & Debt Expenses (FY 2021/22)

2.2.2 Cost Escalation Projections

Annual cost escalation factors for the various types of expenses were developed based upon a review of historical inflation trends, published inflation forecasts, industry experience, and discussions with District staff. During the projection period, most operating expenses are projected to increase at 3.0 percent per year, with the exception of salaries which are projected to increase by 8.0 percent⁵ during FY 2022/23 and FY 2023/24 followed by 5.0 percent per year and utilities which are projected to increase by 10 percent in FY 2022/23 followed by 3.0 percent thereafter.

2.2.3 Existing Debt

The District currently pays debt service on two outstanding loans. This includes a 2018 Water Revenue COP (with annual debt service of approximately \$1.9 million through FY 2038/39 followed by approximately \$800 thousand for ten more years) and a 2016 Solar Loan (with annual debt service of just over \$500 thousand through FY 2034/35).

2.2.4 Capital Improvement Program

Figure 3 shows that from FY 2017/18 through FY 2020/21 the District has spent an average of approximately \$2.3 million per year on capital projects to rehabilitate or improve the water system. During the period from FY 2021/22 through FY 2031/32 the District plans to increase its annual capital spending to an average of \$5.3 million per year in order to pro-actively address the water system's rehabilitation needs associated with supply facilities, pipes, water tanks, and other system facilities.

⁵ Salary escalations based on the District's Memorandum of Understanding with staff.

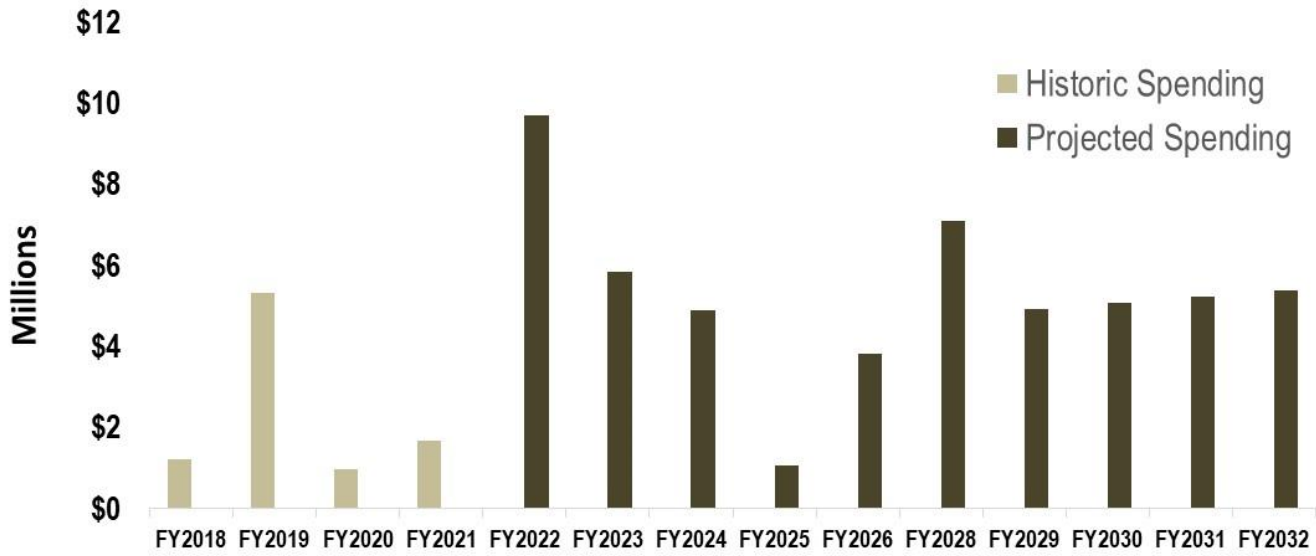


Figure 3: Historic and Projected Capital Spending

Some of the District’s more significant projects are highlighted in Table 2. The District plans to replace the Ridgecrest Height and Gateway booster stations (at a combined cost of approximately \$4.0 million in current dollars), build three new water tanks (at a combined cost of approximately \$5.5 million in current dollars), and four major transmission line projects (Springer, Gateway, Bowman, and La Mirage) for a combined cost of \$16.8 million in current dollars. A detailed list of the planned capital projects and associated costs through FY2028/29 is provided in **Schedule 2**. Starting in FY2029/30 the capital spending is assumed to be the same as the average capital spending from the previous eight years (about \$4.0 million in 2022 dollars).

Table 2: Summary of Capital Spending through FY 2028/29*

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Water Supply								
Ridgecrest Heights Booster			\$1,500,000 (debt)					
Disaster Repair - Gateway Booster	\$250,000	\$2,415,000						
Miscellaneous Water Supply	\$153,000	\$895,000	\$535,000	\$310,000	\$550,000	\$310,000	\$300,000	\$310,000
TOTAL WATER SUPPLY	\$403,000	\$3,310,000	\$2,035,000	\$310,000	\$550,000	\$310,000	\$300,000	\$310,000
Transmission and Distribution								
Springer 24" Line			\$3,400,000 (debt)					
Gateway Blvd 24"				\$2,500,000 (debt)				
Bowman 30"								\$5,400,000
College Heights Blvd 18"								
Eastside 4" Lateral Replacements		\$700,000						
La Mirage Mainline Replacements						\$2,750,000	\$2,750,000	
Tanks X 3	\$500,000	\$4,884,000						
Miscellaneous T&D	\$465,000	\$665,000	\$77,000	\$827,000	\$277,000	\$77,000	\$77,000	\$77,000
TOTAL TRANSMISSION & DISTRIBUTION	\$965,000	\$6,249,000	\$3,477,000	\$3,327,000	\$277,000	\$2,827,000	\$2,827,000	\$5,477,000
TOTAL TECH	\$30,000	\$28,000	\$15,000	\$30,000	\$15,000	\$15,000	\$30,000	\$15,000
TOTAL GENERAL PLANT	\$145,000	\$145,000	\$145,000	\$945,000	\$145,000	\$145,000	\$145,000	\$145,000
TOTAL FUTURE SOURCE OF SUPPLY	\$30,000	\$75,000						
TOTAL CAPITAL PROGRAM:	\$1.6M	\$9.8M	\$5.7M	\$4.6M	\$1.0M	\$3.3M	\$3.3M	\$5.9M

* All costs expressed in 2022 dollars

2.3 PROPOSED FINANCIAL STRATEGY

The above information was entered into a financial planning model to produce a 10-year projection of the sufficiency of current rate revenues to meet projected financial requirements and determine the level of rate revenue increases necessary in each year of the projection period. This section first explains the District's debt strategy, then describes the proposed rate increases for the next 5 years.

2.3.1 Debt Strategy

In 2018 the District issued \$28.6 million in debt through a Water COP. The proceeds from the 2018 COP debt have funded a majority of the District's capital spending needs since that time. As of July 1, 2021, the District had a balance of \$6.3 million remaining of the debt proceeds, which is expected to fund a majority of capital spending in FY 2021/22 and partially fund the capital spending in FY 2022/23.

As a result of the above, the District's cash reserves are currently higher than was projected by the 2018 Rate Study, which had anticipated a cash reserve level of about

\$6.5 million in FY 2021/22 as compared to the actual reserve levels of about \$20.0 million (see Section 2.1.2).

The Board has directed District Staff to mitigate the cost of the forecasted spike in capital spending with a new debt issue. As such, the capital plan calls for a debt issue of \$8.2 million⁶ FY 2024 to pay for the Ridgecrest Heights Booster Station, Springer 24” transmission line, and the Gateway Blvd. 24” transmission line projects (see Table 2). While the District will attempt to obtain a (lower cost) State Revolving Fund loan, this Study assumes that the debt will be a bond with a 4.3 percent interest rate for a 30-year period, including a 1 percent issuance cost and a 1-year debt service reserve requirement.

2.3.2 Debt Coverage Requirements

One of the requirements associated with debt is to maintain rate revenue and other non-rate revenues at levels sufficient to meet debt service coverage requirements (DCR). The District’s current debt contracts require that the District maintain net revenues (i.e., revenues after paying all operating costs) at a DCR level that is at least 1.20 times annual debt service. Based on published guidance from Fitch Ratings, utility systems with *midrange* financial profiles should maintain a DCR greater than 1.50 times annual debt service. **Schedule 3** shows that the proposed financial plan maintains a DCR of at least 1.44 (and usually higher).

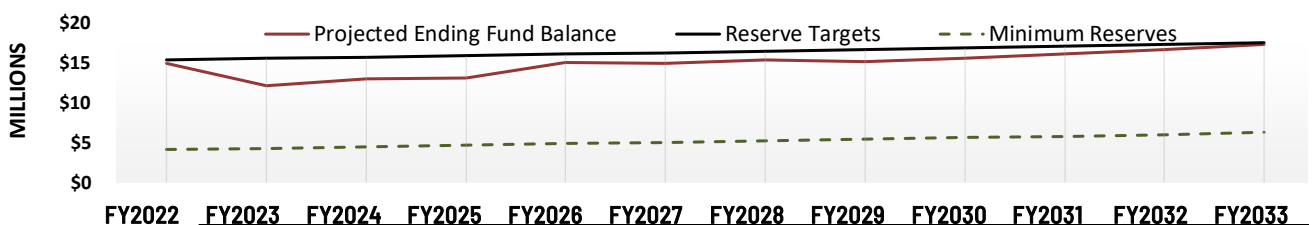
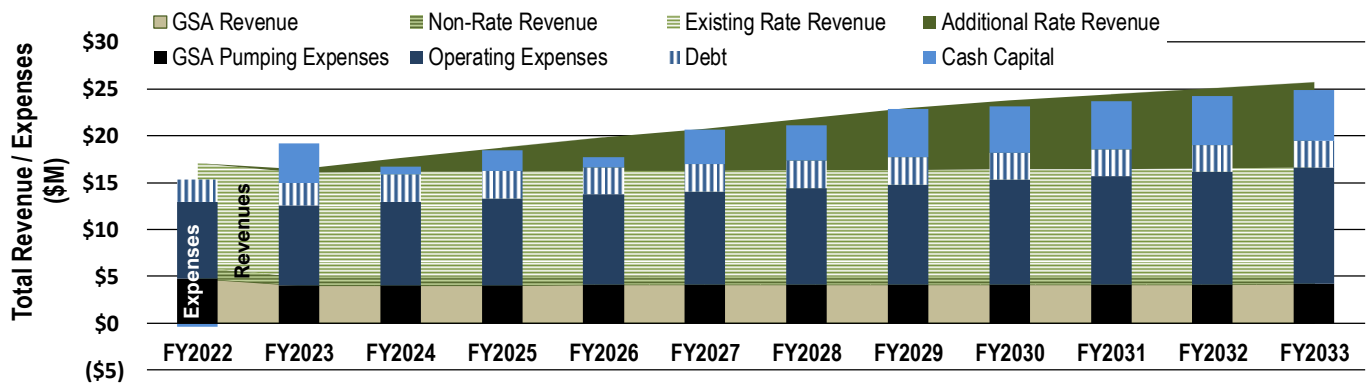
2.3.3 Proposed Rate Increases

Based upon the previously discussed financial data, assumptions, policies, and debt strategy, this Study proposes a five-year schedule of annual rate adjustments and debt funded capital spending as shown in **Figure 4**. The rate schedules associated with these rate adjustments (as well as the rate structure adjustments to be discussed in Section 3) have been provided as **Schedule 5**.

⁶ This includes the cost of the reserve requirement and the assumed 1 percent cost of issuance.

The first proposed rate increase for this Study is scheduled to occur March 1, 2023 (eight months into the fiscal year). All subsequent rate increases proposed by this Study will occur on January 1 of each year (halfway through the fiscal year).

The numbers provided in Schedule 3 are summarized graphically in Figure 4, which shows the District’s target reserves being met through-out the planning period. After the final recommended increase in FY 2026/27, it is anticipated (barring unforeseen emergencies or changes in infrastructure/operational needs) that the annual rate revenue increases will taper (but still continue) as shown in Schedule 3. These levelized rate increases will allow the District to transition to a pay-as-you-go (PayGo) financing model for its capital program, rather than continuing to debt finance capital spending.



	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033
		Proposed*					Projected					
Rate Revenue Increase:		8.0%	8.0%	8.0%	6.0%	6.0%	6.0%	6.0%	3.0%	3.0%	3.0%	3.0%
Debt Coverage Ratio:	1.74	1.74	1.69	1.95	2.16	2.39	2.61	2.84	2.97	3.06	3.13	3.20
Net Debt Proceeds:			\$5.0M	\$2.7M								

* Propose rate increases to be effective January 1 of the respective fiscal year

Figure 4: Cash Flow Projection with Recommended Rate Revenue Increases

Section 3. COST OF SERVICE ANALYSIS AND RATE DESIGN

The purpose of a COSA and rate design is to determine the cost of providing water service to the District's customers and structure the rates so that revenue is equitably recovered from individual customers. This Study employed well-established industry practices for these types of studies as recognized by the AWWA and other accepted industry practices. The focus of this analysis was to meet the following objectives:

- ▶ Fairly and equitably recover costs through rates;
- ▶ Conform to accepted industry practice and legal requirements;
- ▶ Provide fiscal stability; and
- ▶ Promote water conservation and affordability where appropriate.

3.1 CURRENT RATES

The District's current rate structure is comprised of fixed service charges and a commodity (consumption-based) rate. The District's current fixed service charge is made up of an Account Charge, a Ready-to-Serve Charge and an Arsenic Treatment Charge. These charges are assessed based on meter size and currently recover about 62 percent of rate revenue, which covers a portion of the District's fixed costs.

The Commodity Rates are designed to recover the remainder of the District's fixed costs as well as all of its variable costs. The Commodity Rates currently have four tiers and have tier water allocation based on the water needs of single family residential homes. Other accounts receive water allocations in proportion to their meter size. The monthly tier allocations for single family homes (and the smallest meter size of $\frac{3}{4}$ "") are 9 HCF of Tier 1 water, 15 HCF of Tier 2 water, and 21 HCF of Tier 3 water (Tier 4 water usage is unlimited). In addition, a Zone Charge is added to the Commodity Rates for those customers that require that water be delivered to higher elevations (see Section 3.4). In addition to water rates, the District charges other miscellaneous rates including bulk water accounts, private fire protection charges, and

construction meter charges (see Section 3.4), in addition to passing through the cost of the GSA to customers.

3.2 COSA AND RATE DESIGN METHODOLOGY

The cost-of-service methodology employed by this Study is based on the “commodity-demand” method promulgated in AWWA’s Manual M1: Principles of Water Rates, Fees, and Charges (M1), whereby costs (see Step 1 in Figure 5) are first allocated to individual functions (see Step 2), and the costs associated with each function is recovered through an appropriate rate (see Step 3).

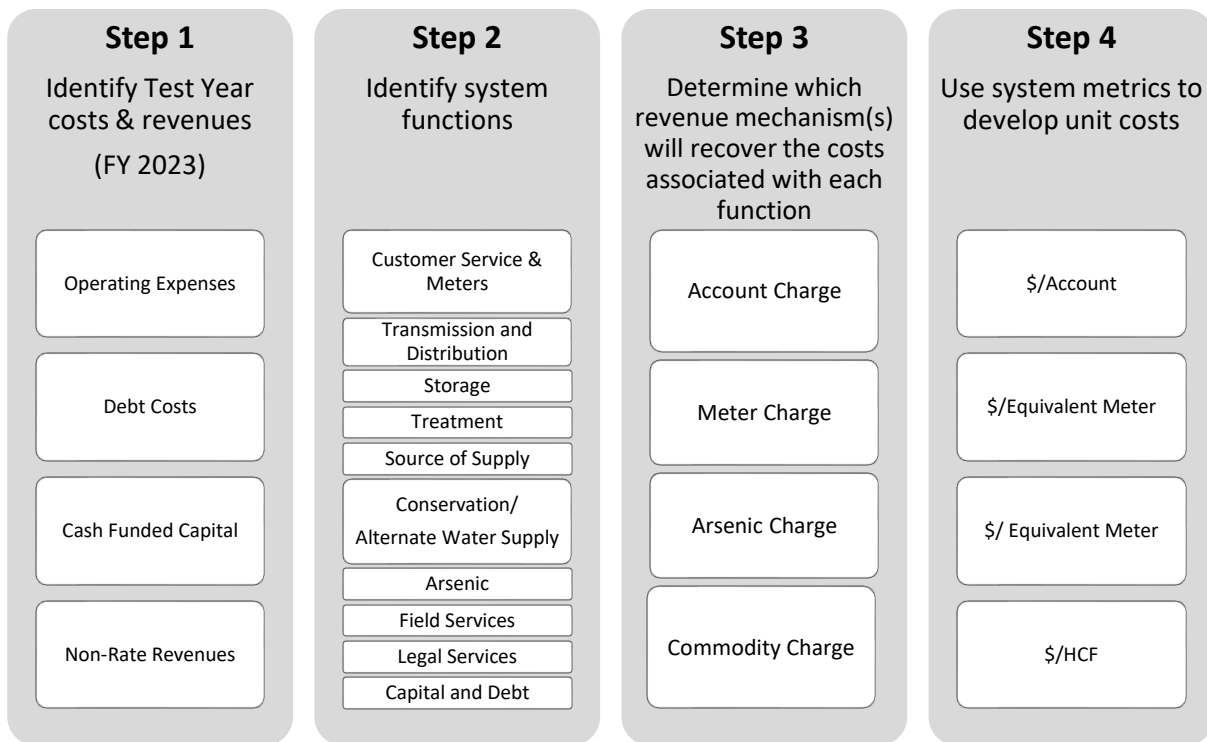


Figure 5: Cost of Service and Rate Design Methodology Steps

The following sub-sections give a detailed description of each step and the results.

3.2.1 Step 1: Identify Test Year Costs and Non-Rate Revenues

The District’s various costs (including operating expenses and debt service) and revenues come from the District’s FY 2022/23 annualized expenditure and revenue requirements per this Study’s financial plan. The capital spending value is based on a five-year average in order to mitigate against any anomalous values in the Test Year. Non-rate revenues and use of reserves are both credited against expenses since both reduce the need for rate revenue.

3.2.2 Step 2 and Step 3: Identify System Functions and Associated Revenue Recovery

Each line-item expense and revenue from Step 1 is assigned to one of ten systems functions (see Step 2 in Figure 5). A detailed list of how each line-item expense and revenue was assigned is provided as Schedule 4.

The cost associated with each of the ten functions is then determined to be recovered through a specific rate revenue component (either the account charge, the meter charge, the commodity charge or the arsenic charge). The assignment of function costs to revenue recovery components is presented in Table 3.

Table 3: Allocation of Function Costs to Revenue Recovery Components

Functions	Account Charge	Meter Charge	Commodity	Arsenic
Customer Service & Meters	50%	50%		
Transmission and Distribution		50%	50%	
Storage		50%	50%	
Treatment			100%	
Source of Supply			100%	
Conservation / Alternate Water Supply			100%	
Arsenic				100%
Field Services	50%	50%		
Legal Services			100%	
Capital and Debt (based on Asset Register)	5.2%	50.5%	16.8%	27.5%

Generally speaking, functions that are made up of predominantly fixed costs are recovered through fixed charges. For example, Customer Service and Meter costs do not vary with

changes in water sales (i.e., the costs are fixed) and are therefore recovered through the account charge and meter charge. Conversely, functions with variable costs are recovered through the variable charges. Conversely, the Source of Supply function is recovered entirely through the commodity charge.

While all variable costs are recovered through the commodity charge, not all fixed costs are recovered through the fixed charges. There are some fixed costs that are recovered through the commodity charge because the vast majority of the District's costs are fixed; and it is reasonable to recover some of those fixed costs through a variable revenue.

The percentages in the Capital Asset function in in Table 3 are based on the net value of existing assets.

The detailed summary of all cost allocations to revenue recovery components is presented in Schedule 4. Some of the line item in Schedule 4 have an allocation basis of "Indirect Operations." These are general costs that do not fall under any of the specific categories listed in Table 3, therefore the "indirect allocation" method is used to allocate those cost based on relative allocation of all other operating costs (i.e., based on the allocation results up until that point). Further, starting on Row 196 of Schedule 4, the District's non-rate revenue sources are "credited" to each revenue recovery component based on the indirect allocation method for all costs.

3.2.3 Step 4: Use System Metrics to Develop Unit Costs

After District's costs are allocated to revenue recovery components, those costs are then converted to a unit cost of service based on the appropriate system metrics, as shown in Table 4. For example, the revenue requirement for the account charge is approximately \$1.0 million and there are 12,016 current accounts, therefore the charge per account is \$83.23 / year or \$6.94 / month. The revenue requirements for the meter charge and the arsenic charge are divided by the total number of current equivalent meters (see explanation of equivalent meters in text box below). Finally, the commodity rate is calculated by dividing the revenue requirement by all of the District's water sales.

Table 4: Calculating Unit Cost of Service

	Account Charge	Meter Charge	Arsenic	Commodity
Units of Service:	12,016 Accounts	13,649 Equivalent Meters	13,649 Equivalent Meters	2,430,117 All Water Sales
Revenue Requirement	\$1,017,700	\$4,634,700	\$1,683,800	\$4,475,200
Unit Costs:	\$84.70 per Account per year	\$339.57 per equivalent meter per year	\$123.37 per equivalent meter per year	\$1.84 per HCF
	\$7.06 per Account per month	\$28.30 per equivalent meter per month	\$10.28 per equivalent meter per month	

EXPLAINING METER EQUIVALENCY

The meter equivalency metric is an industry-standard factor used to represent the proportional demand that different sized meters place on the system based on the design capacity necessary to serve it. A meter equivalency schedule allows us to express all meter sizes in terms of multiples of the lowest common denominator (in this case the smallest meter is ¾”). The meter equivalency schedule used by this Study is shown in the table below and remains the same as historical District practice.

Meter Equivalencies

Meter Size	Meter Type	GPM	Meter Equivalence (a)
¾”	Displacement	30	1.00
1”	Displacement	50	1.67
1 ½”	Displacement	100	3.33
2”	Displacement	160	5.33
3”	Compound	320	10.67
4”	Compound	500	16.67
6”	Compound	1,000	33.33
8”	Compound	1,600	53.33
10”	Compound	2,300	76.66

(a) Source: Table B-1, Appendix B, AWWA M1 Manual, 6th Ed.

3.3 PROPOSED RATE STRUCTURE

Some of the District’s costs have fundamentally changed since the last rate study, therefore this Study recommends a modification to the tiered rate structure to reflect these changes. No structural changes are recommended for the fixed charges. These recommendations are detailed below.

3.3.1 Proposed Fixed Rates

The Study recommends that the District’s fixed charges continue to be based on a fixed account charge (assessed to each account), a fixed meter charge (assessed based on meter size), and an arsenic charge (also assessed based on meter size). Together the account charge and meter charge make the Ready-to-Serve Charge. The account charge would be \$6.94 / month in Year 1 (see Table 4) while the meter charge and arsenic charge would depend on the meter size, as summarized in Table 5.

Table 5: Year 1 Meter Charge and Arsenic Charge by Meter Size

<u>Fixed Rates (per month)</u>		
Meter Size	Ready-to-Serve	Arsenic Charge
3/4"	\$35.36	\$10.28
1"	\$54.23	\$17.13
1 1/2"	\$101.39	\$34.27
2"	\$157.99	\$54.83
3"	\$308.93	\$109.65
4"	\$478.73	\$171.33
6"	\$950.39	\$342.67
8"	\$1,516.39	\$548.27
10"	\$2,176.73	\$788.13

These proposed fixed rates will result in just over 61 percent fixed rate revenue, which is very similar to the current fixed revenue percentage (the actual percentage will depend on actual water sales).

3.3.2 Tiered Commodity Rates

The proposed tiered rate structure will have two tiers (instead of four tiers). Tier 1 will recover the District's "commodity" function costs (approximately \$4.4 million, see Row 202 of Schedule 4) and the pass-through of GSA's Groundwater Extraction Fee (currently \$0.24 / HCF). Tier 2 will recover both Tier 1 costs as well as pass-through the GSA Replenishment Fee (currently \$1.65 / HCF). This concept is shown graphically in Figure 6 with rates that would be in effect during Year 1.

Previously the tier water allocations were based on customer water needs (e.g., the Tier 1 allocation for single family homes was based on indoor water needs). In contrast, the proposed revised methodology would size the Tier 1 allocation based on the District's GSA groundwater pumping allocation. Currently the GSA allows the District to pump 4,390 AF before the Replenishment Fee (currently \$2,130 / AF) is imposed. The Tier 1 allocation to District customers is therefore proposed to be designed to allow each customer to use their proportionate share of the water allocation before being charged the pass-through Replenishment Fee. In keeping with current practices, water allocations will continue to be sized in proportion to meter sizes. Based on current water usage (as well as accounting for approximately 8.1 percent water losses between the wells and the end users) an allocation of 20 HCF per equivalent meters results in Tier 1 water sales of 4,050 AF (or 4,377 after adding the 8.1 percent water losses, which is nearly identical to the groundwater pumping allocation mentioned above). As such, the Tier 1 allocation is proposed to be 20 HCF per equivalent meter (per month), with all water usage above the allocation being charged the Tier 2 rate (to pay for the GSA Replenishment Fee). Again, this concept is shown graphically in Figure 6 with rates that would be in effect during Year 1.

This Study assumes that the GSA fees and water allocation will remain the same over the next five years. As such, the GSA portion of the commodity rates remains the same in the proposed 5-year rate schedule (see Schedule 5). The portion of the commodity

rates designed to recover District costs will increase by the percentage of the proposed annual rate adjustments.

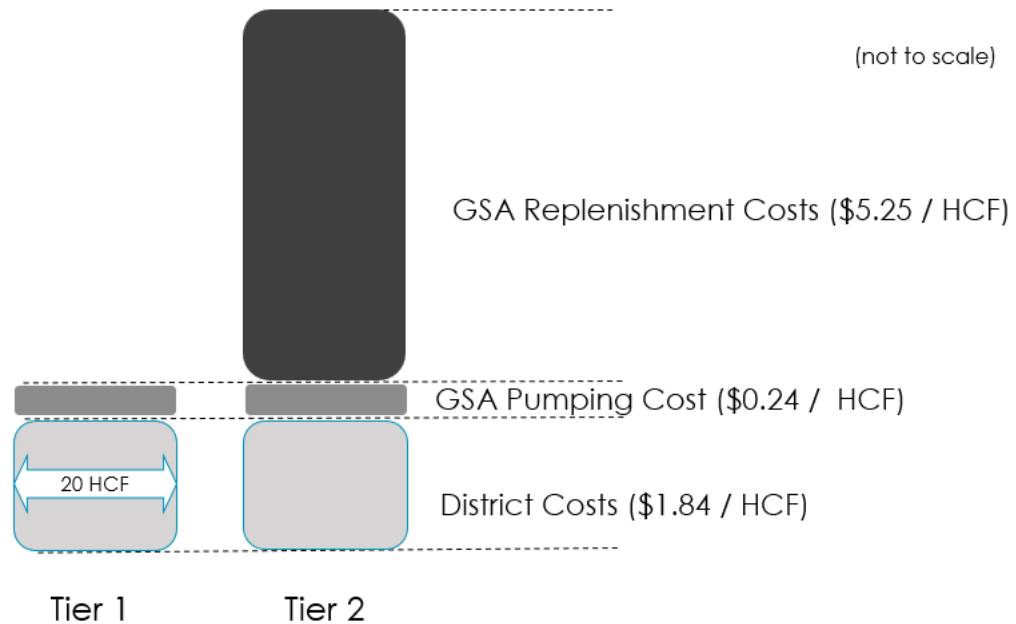


Figure 6: Year 1 Tiered Rates and Tier Allocation

The proposed tier thresholds by meter size are summarized in Table 6.

Table 6: Proposed Tier Thresholds By Meter Size

Meter Size	Tier 1 Threshold (HCF per month)
3/4"	20
1"	33
1.5"	65
2"	104
3"	208
4"	325
6"	650
8"	1040

See **Schedule 5** for a complete schedule of Ready-to Serve, Arsenic, and Commodity Rates over the next 5 years.

3.4 MISCELLANEOUS CHARGES

In addition to the fixed and commodity rates described above, the District charges additional rate and non-rate fees that are addressed below.

3.4.1 Zone Charge

The District currently charges a Zone Charge (elsewhere sometimes known as an elevation charge or pumping charge) to account for the cost to “lift” water to properties that are located in higher elevations. The District has five zones (Zone A through Zone E), which differ in elevation by approximately 100 ft. The methodology in calculating the Zone Charges in the 2018 Rate Study remains applicable, therefore the existing Zone Charges will only increase in proportion to the overall rate revenue increases described in Section 2.3.3. See Schedule 5 for a complete schedule of Zone Charges for the five-year planning period.

3.4.2 Bulk Water Rates

The District currently provides Bulk Water services for a metered rate to customers who receive the water at the District’s bulk water facility. Individually subscribed customers pay a fixed monthly charge in addition to a uniform commodity rate for water actually used. The methodology in calculating the Bulk Water Rates in the 2018 Rate Study remains reasonable, therefore the existing rate will only increase in proportion to the overall rate revenue increases described in Section 2.3.3. See Schedule 5 for a complete schedule of Bulk Water Rates for the five-year planning period.

3.4.3 Construction Meter Rates

The District provides the service of issuing temporary meters (“Construction Meters”). The methodology in calculating the monthly meter charges for the Construction Meter rates in the 2018 Rate Study remains reasonable, therefore that portion of the existing

Construction Meter rates will only increase in proportion to the overall rate revenue increases described in Section 2.3.3. The volumetric portion of the Construction Meter Rates will be set equal to Tier 2 Commodity rates going forward. See Schedule 5 for a complete schedule of Construction Meter rates for the five-year planning period.

3.4.4 Private Fire Rates

Private Fire rates apply to accounts that have a dedicated service line for fire protection. The methodology in calculating the Private Fire rates in the 2018 Rate Study remains reasonable, therefore the existing rates will only increase in proportion to the overall rate revenue increases described in Section 2.3.3. See Schedule 5 for a complete schedule of Private Fire rates for the five-year planning period.

Section 4. CONCLUSION

This Study used methodologies that are aligned with industry standard practices for rate setting as promulgated by AWWA and all applicable law, including Proposition 218. The proposed adjustments to the rates will provide revenue stability and continue to equitably and proportionately recover costs from the appropriate customers.

Based on the methodologies described above, Schedule 5 provides a complete schedule proposed rates over the five-year planning period. The water rates will need to be adopted in accordance with Proposition 218, which will require a detailed notice describing the proposed rates to be mailed to each affected property owner or customer at least 45 days prior to conducting a public hearing to adopt the rates.

It is recommended that the District continue to closely monitor its financial condition on an annual basis.

SCHEDULES

- Schedule 1: Budgeted and Projected Operating and Debt Expenses**
- Schedule 2: Capital Spending Forecast**
- Schedule 3: Cash Flow Pro Forma**
- Schedule 4: Allocation of Costs to System Functions**
- Schedule 5: Five-Year Schedule of Proposed Water Rates**

Schedule 1 –Budgeted and Projected Operating and Debt Expenses (1 of 3)

	FY2021/22	FY2022/23	FY2023/24	FY2024/25	FY2025/26	FY2026/27	FY2027/28	FY2028/29	FY2029/30	FY2030/31	FY2032/33
	Budget	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
SOURCE OF SUPPLY											
1 PERS ER Contribution	(\$36,000)	(\$37,000)	(\$38,000)	(\$39,000)	(\$41,000)	(\$42,000)	(\$43,000)	(\$44,000)	(\$46,000)	(\$47,000)	(\$48,000)
2 Water Supply - Supervision	\$101,000	\$109,000	\$118,000	\$124,000	\$130,000	\$136,000	\$143,000	\$150,000	\$158,000	\$166,000	\$174,000
3 Capital Project Credit - WS	(\$50,000)	(\$52,000)	(\$53,000)	(\$55,000)	(\$56,000)	(\$58,000)	(\$60,000)	(\$61,000)	(\$63,000)	(\$65,000)	(\$67,000)
4 Water Supply - Labor	\$315,000	\$340,000	\$367,000	\$386,000	\$405,000	\$425,000	\$447,000	\$469,000	\$492,000	\$517,000	\$543,000
5 Water Supply - Overtime	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000
6 Water Supply - Standby OT	\$6,000	\$6,000	\$7,000	\$7,000	\$8,000	\$8,000	\$9,000	\$9,000	\$9,000	\$10,000	\$10,000
7 Water Supply - Emp Benefits	\$168,000	\$173,000	\$178,000	\$184,000	\$189,000	\$195,000	\$201,000	\$207,000	\$213,000	\$219,000	\$226,000
8 Vehicle Maintenance WS	\$20,000	\$21,000	\$21,000	\$22,000	\$23,000	\$23,000	\$24,000	\$25,000	\$25,000	\$26,000	\$27,000
9 Vehicle Fuel WS	\$11,000	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$14,000	\$15,000	\$15,000	\$16,000
10 Maint of Pumping Structures	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
11 Maint of Pumping Equipment	\$27,000	\$28,000	\$29,000	\$30,000	\$30,000	\$31,000	\$32,000	\$33,000	\$34,000	\$35,000	\$36,000
12 Maint of Standby Generators	\$13,000	\$13,000	\$14,000	\$14,000	\$15,000	\$15,000	\$16,000	\$16,000	\$16,000	\$17,000	\$17,000
13 Maint and Care of Grounds	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
14 Maintenance Automated Controls	\$10,000	\$10,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000
15 Telemetry Mnt Agreement	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000
16 Operating Permits	\$15,000	\$15,000	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$18,000	\$19,000	\$20,000	\$20,000
17 Purchased Power Wells, Etc.	\$342,000	\$376,000	\$387,000	\$399,000	\$411,000	\$423,000	\$436,000	\$449,000	\$463,000	\$477,000	\$491,000
18 Water Bill Well Sites	\$9,000	\$10,000	\$10,000	\$10,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000
19 Solar Expenses	\$60,000	\$62,000	\$64,000	\$66,000	\$68,000	\$70,000	\$72,000	\$74,000	\$76,000	\$78,000	\$81,000
20 Natural Gas	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
21 Training, Conf, Cert Renewal	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
22 Bulk Water Station Expenses	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$14,000	\$15,000
23 Water Treatment Chemicals	\$36,000	\$37,000	\$38,000	\$39,000	\$41,000	\$42,000	\$43,000	\$44,000	\$46,000	\$47,000	\$48,000
24 Maint Reservoirs & Tanks	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
25 Misc Parts & Materials WS	\$10,000	\$10,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000
26 Stationery & Supplies WS	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
27 Cell Phones WS	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
28 PERS Cost by Function	\$10,000	\$10,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000
Arsenic Treatment											
29 PERS ER Contribution	(\$7,000)	(\$7,000)	(\$7,000)	(\$8,000)	(\$8,000)	(\$8,000)	(\$8,000)	(\$9,000)	(\$9,000)	(\$9,000)	(\$9,000)
30 Arsenic Plant - Supervision	\$17,000	\$18,000	\$20,000	\$21,000	\$22,000	\$23,000	\$24,000	\$25,000	\$27,000	\$28,000	\$29,000
31 Arsenic Plant - Labor	\$53,000	\$57,000	\$62,000	\$65,000	\$68,000	\$72,000	\$75,000	\$79,000	\$83,000	\$87,000	\$91,000
32 Arsenic Plant - OT	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$2,000	\$2,000	\$2,000
33 Arsenic Plant - Standby OT	\$8,000	\$9,000	\$9,000	\$10,000	\$10,000	\$11,000	\$11,000	\$12,000	\$13,000	\$13,000	\$14,000
34 Arsenic Plant - Emp Benefits	\$30,000	\$31,000	\$32,000	\$33,000	\$34,000	\$35,000	\$36,000	\$37,000	\$38,000	\$39,000	\$40,000
35 Maint Arsenic Plant Structures	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000
36 Maint of Arsenic Equipment	\$15,000	\$15,000	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$18,000	\$19,000	\$20,000	\$20,000
37 Maint Arsenic Plant Grounds	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
38 Maint Automated Controls	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
39 Telemetry Mnt Agreement	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000
40 Arsenic Plant - Purchased Powe	\$30,000	\$33,000	\$34,000	\$35,000	\$36,000	\$37,000	\$38,000	\$39,000	\$41,000	\$42,000	\$43,000
41 Solar Expenses	\$7,000	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000	\$8,000	\$9,000	\$9,000	\$9,000	\$9,000
42 Arsenic Lab Analysis & Eqmt	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
43 Arsenic Treatment Chemicals	\$40,000	\$41,000	\$42,000	\$44,000	\$45,000	\$46,000	\$48,000	\$49,000	\$51,000	\$52,000	\$54,000
44 Arsenic Solids Disposal	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000
45 Misc Parts & Materials Arsenic	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
46 PERS Cost by Function	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
Transmission and Distribution											
47 PERS ER Contribution	(\$47,000)	(\$48,000)	(\$50,000)	(\$51,000)	(\$53,000)	(\$54,000)	(\$56,000)	(\$58,000)	(\$60,000)	(\$61,000)	(\$63,000)
48 T&D - Supervision	\$104,000	\$112,000	\$121,000	\$127,000	\$134,000	\$140,000	\$147,000	\$155,000	\$163,000	\$171,000	\$179,000
49 T&D - Labor	\$474,000	\$512,000	\$553,000	\$581,000	\$610,000	\$640,000	\$672,000	\$706,000	\$741,000	\$778,000	\$817,000
50 T&D - NO-DES	\$131,000	\$141,000	\$153,000	\$160,000	\$168,000	\$177,000	\$185,000	\$195,000	\$204,000	\$215,000	\$225,000
51 T&D Capital Projects	(\$55,000)	(\$59,000)	(\$64,000)	(\$67,000)	(\$71,000)	(\$74,000)	(\$78,000)	(\$82,000)	(\$86,000)	(\$90,000)	(\$95,000)
52 T&D - Overtime	\$22,000	\$24,000	\$26,000	\$27,000	\$28,000	\$30,000	\$31,000	\$33,000	\$34,000	\$36,000	\$38,000
53 T&D Standby Time	\$37,000	\$38,000	\$39,000	\$40,000	\$42,000	\$43,000	\$44,000	\$46,000	\$47,000	\$48,000	\$50,000
54 T&D - Benefits	\$377,000	\$388,000	\$400,000	\$412,000	\$424,000	\$437,000	\$450,000	\$464,000	\$478,000	\$492,000	\$507,000
55 Vehicle Maint T&D	\$35,000	\$36,000	\$37,000	\$38,000	\$39,000	\$41,000	\$42,000	\$43,000	\$44,000	\$46,000	\$47,000
56 Vehicle Fuel T&D	\$30,000	\$33,000	\$34,000	\$35,000	\$36,000	\$37,000	\$38,000	\$39,000	\$41,000	\$42,000	\$43,000
57 Maint Heavy & Light Equipment	\$30,000	\$31,000	\$32,000	\$33,000	\$34,000	\$35,000	\$36,000	\$37,000	\$38,000	\$39,000	\$40,000
58 Maintenance of T&D	\$33,000	\$34,000	\$35,000	\$36,000	\$37,000	\$38,000	\$39,000	\$41,000	\$42,000	\$43,000	\$44,000
59 Maintenance of Fire Hydrants	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000
60 Maintenance Laterals & Meters	\$150,000	\$155,000	\$159,000	\$164,000	\$169,000	\$174,000	\$179,000	\$184,000	\$190,000	\$196,000	\$202,000
61 Maintenance Valves & Boxes	\$18,000	\$19,000	\$19,000	\$20,000	\$20,000	\$21,000	\$21,000	\$22,000	\$23,000	\$23,000	\$24,000
62 Maintenance of Streets	\$360,000	\$371,000	\$382,000	\$393,000	\$405,000	\$417,000	\$430,000	\$443,000	\$456,000	\$470,000	\$484,000



Schedule 1 –Budgeted and Projected Operating and Debt Expenses (2 of 3)

	FY2021/22	FY2022/23	FY2023/24	FY2024/25	FY2025/26	FY2026/27	FY2027/28	FY2028/29	FY2029/30	FY2030/31	FY2032/33
	Budget	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
63 Maintenance of Streets - Permi	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
64 Welding Supplies T&D	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
65 Misc Parts & Materials T&D	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$14,000	\$15,000	\$15,000	\$16,000	\$16,000
66 Equipment Rental	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
67 Capital Equipment Credit	(\$9,000)	(\$9,000)	(\$10,000)	(\$10,000)	(\$10,000)	(\$10,000)	(\$11,000)	(\$11,000)	(\$11,000)	(\$12,000)	(\$12,000)
68 Training & Conference T&D	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
69 Meal Tickets T&D	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
70 Stationery & Misc Supplies T&D	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
71 Cell Phones T&D	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000
72 PERS Cost by Function	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$19,000	\$19,000	\$20,000	\$20,000	\$21,000	\$22,000
Engineering											
73 PERS ER Contribution	(\$18,000)	(\$19,000)	(\$19,000)	(\$20,000)	(\$20,000)	(\$21,000)	(\$21,000)	(\$22,000)	(\$23,000)	(\$23,000)	(\$24,000)
74 Engineering - Labor	\$252,000	\$272,000	\$294,000	\$309,000	\$324,000	\$340,000	\$357,000	\$375,000	\$394,000	\$414,000	\$434,000
75 Eng - Capital Project Credit	(\$100,000)	(\$108,000)	(\$117,000)	(\$122,000)	(\$129,000)	(\$135,000)	(\$142,000)	(\$149,000)	(\$156,000)	(\$164,000)	(\$172,000)
76 Engineering - Benefits	\$81,000	\$83,000	\$86,000	\$89,000	\$91,000	\$94,000	\$97,000	\$100,000	\$103,000	\$106,000	\$109,000
77 Vehicle Maint ENG	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
78 Vehicle Fuel ENG	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000
79 Water Treatment Lab Analysis	\$27,000	\$28,000	\$29,000	\$30,000	\$30,000	\$31,000	\$32,000	\$33,000	\$34,000	\$35,000	\$36,000
80 Consumer Confidence Reports	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$9,000	\$9,000	\$9,000	\$10,000	\$10,000	\$10,000
81 Training & Conferences ENG	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
82 Misc Supplies & Equipment	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
83 Cell Phones ENG	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
84 PERS Cost by Function	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
85 Miscellaneous Consultant - GIS	\$20,000	\$21,000	\$21,000	\$22,000	\$23,000	\$23,000	\$24,000	\$25,000	\$25,000	\$26,000	\$27,000
86 Consulting Engineering Service	\$50,000	\$52,000	\$53,000	\$55,000	\$56,000	\$58,000	\$60,000	\$61,000	\$63,000	\$65,000	\$67,000
87 Water Trax Subscription	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000	\$14,000	\$14,000	\$15,000	\$15,000	\$16,000	\$16,000
88 Computer Supplies/Maint Agreem	\$15,000	\$15,000	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$18,000	\$19,000	\$20,000	\$20,000
Customer Service											
89 PERS ER Contribution	(\$16,000)	(\$16,000)	(\$17,000)	(\$17,000)	(\$18,000)	(\$19,000)	(\$19,000)	(\$20,000)	(\$20,000)	(\$21,000)	(\$22,000)
90 Customer Accts - Supervision	\$93,000	\$100,000	\$108,000	\$114,000	\$120,000	\$126,000	\$132,000	\$138,000	\$145,000	\$153,000	\$160,000
91 Customer Accts - Labor	\$97,000	\$105,000	\$113,000	\$119,000	\$125,000	\$131,000	\$138,000	\$144,000	\$152,000	\$159,000	\$167,000
92 Customer Accts - Overtime	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$2,000	\$2,000	\$2,000
93 Customer Accts - Benefits	\$78,000	\$80,000	\$83,000	\$85,000	\$88,000	\$90,000	\$93,000	\$96,000	\$99,000	\$102,000	\$105,000
94 Uncollectible Accounts	\$70,000	\$72,000	\$74,000	\$76,000	\$79,000	\$81,000	\$84,000	\$86,000	\$89,000	\$91,000	\$94,000
95 Postage & Supplies CUSTOMER	\$70,000	\$72,000	\$74,000	\$76,000	\$79,000	\$81,000	\$84,000	\$86,000	\$89,000	\$91,000	\$94,000
96 Print & Reproduction CUSTOMER	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$19,000	\$19,000	\$20,000	\$20,000	\$21,000	\$22,000
97 Training & Conference CUSTOMER	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
98 Stationery & Supplies CUSTOMER	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$14,000	\$15,000	\$15,000	\$16,000	\$16,000
99 PERS Cost by Function	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
Field Services											
100 PERS ER Contribution	(\$20,000)	(\$21,000)	(\$21,000)	(\$22,000)	(\$23,000)	(\$23,000)	(\$24,000)	(\$25,000)	(\$25,000)	(\$26,000)	(\$27,000)
101 Misc Parts & Materials FS	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000
102 Field Service - Supervision	\$101,000	\$109,000	\$118,000	\$124,000	\$130,000	\$136,000	\$143,000	\$150,000	\$158,000	\$166,000	\$174,000
103 Field Service - Labor	\$191,000	\$206,000	\$223,000	\$234,000	\$246,000	\$258,000	\$271,000	\$284,000	\$299,000	\$313,000	\$329,000
104 Field Service - Overtime	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000
105 Field Service Capitial Proj Cr	(\$75,000)	(\$77,000)	(\$80,000)	(\$82,000)	(\$84,000)	(\$87,000)	(\$90,000)	(\$92,000)	(\$95,000)	(\$98,000)	(\$101,000)
106 Field Service - Benefits	\$155,000	\$160,000	\$164,000	\$169,000	\$174,000	\$180,000	\$185,000	\$191,000	\$196,000	\$202,000	\$208,000
107 Vehicle Maintenance FS	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$19,000	\$19,000	\$20,000	\$20,000	\$21,000	\$22,000
108 Vehicle Fuel FS	\$13,000	\$14,000	\$15,000	\$15,000	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$18,000	\$19,000
109 Maintenance Meters FS	\$40,000	\$41,000	\$42,000	\$44,000	\$45,000	\$46,000	\$48,000	\$49,000	\$51,000	\$52,000	\$54,000
110 AMI	\$55,000	\$57,000	\$58,000	\$60,000	\$62,000	\$64,000	\$66,000	\$68,000	\$70,000	\$72,000	\$74,000
111 Training & Conferences FS	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
112 Stationery & Supplies FS	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
113 Cell Phones FS	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
114 PERS Cost by Function	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000
General Administration											
115 PERS ER Contribution	(\$80,000)	(\$82,000)	(\$85,000)	(\$87,000)	(\$90,000)	(\$93,000)	(\$96,000)	(\$98,000)	(\$101,000)	(\$104,000)	(\$108,000)
116 Administration - Supervision	\$542,000	\$585,000	\$632,000	\$664,000	\$697,000	\$732,000	\$768,000	\$807,000	\$847,000	\$890,000	\$934,000
117 Administration - Labor	\$207,000	\$224,000	\$241,000	\$254,000	\$266,000	\$280,000	\$293,000	\$308,000	\$324,000	\$340,000	\$357,000
118 Accounting - Labor	\$141,000	\$152,000	\$164,000	\$173,000	\$181,000	\$190,000	\$200,000	\$210,000	\$220,000	\$231,000	\$243,000
119 Administration - Overtime	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
120 Accounting - Overtime	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$2,000	\$2,000	\$2,000
121 Administration - Benefits	\$262,000	\$270,000	\$278,000	\$286,000	\$295,000	\$304,000	\$313,000	\$322,000	\$332,000	\$342,000	\$352,000
122 Accounting - Benefits	\$53,000	\$55,000	\$56,000	\$58,000	\$60,000	\$61,000	\$63,000	\$65,000	\$67,000	\$69,000	\$71,000
123 Vehicle Maintenance ADMIN	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
124 Vehicle Fuel ADMIN	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000	\$7,000	\$7,000

Schedule 1 –Budgeted and Projected Operating and Debt Expenses (3 of 3)

	FY2021/22	FY2022/23	FY2023/24	FY2024/25	FY2025/26	FY2026/27	FY2027/28	FY2028/29	FY2029/30	FY2030/31	FY2032/33
	Actual	Budget	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
125 Stationery & Supplies ADMIN	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$14,000	\$15,000
126 Printing & Reproduction ADMIN	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
127 Postage ADMIN	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
128 Memberships & Subscriptions	\$50,000	\$52,000	\$53,000	\$55,000	\$56,000	\$58,000	\$60,000	\$61,000	\$63,000	\$65,000	\$67,000
129 Travel & Conference MGMT	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
130 Travel & Conference ADMIN/ACCT	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
131 Travel & Conference (IT)	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
132 Maintenance of Structures	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
133 Office & Shop Utilities	\$25,000	\$28,000	\$28,000	\$29,000	\$30,000	\$31,000	\$32,000	\$33,000	\$34,000	\$35,000	\$36,000
134 Hazardous Waste Disposal	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000
135 Solar Expenses	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000
136 Telephones	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$19,000	\$19,000	\$20,000	\$20,000	\$21,000	\$22,000
137 Cell Phones ADMIN	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000
138 Internet Service Provider	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$15,000	\$15,000	\$16,000	\$16,000	\$16,000
139 Security Services	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$9,000
140 Custodian/Caretaker	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$15,000	\$15,000	\$16,000	\$16,000	\$16,000
141 Ins Property & Liability	\$252,000	\$260,000	\$267,000	\$275,000	\$284,000	\$292,000	\$301,000	\$310,000	\$319,000	\$329,000	\$339,000
142 Deductible Adjustments	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
143 New Employee Verification	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
144 Public Employees Retirement	\$266,000	\$274,000	\$283,000	\$291,000	\$300,000	\$309,000	\$318,000	\$327,000	\$337,000	\$347,000	\$358,000
145 PERS Cost by Function	\$24,000	\$25,000	\$25,000	\$26,000	\$27,000	\$28,000	\$29,000	\$30,000	\$30,000	\$31,000	\$32,000
146 Workers Comp Previous FY	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
147 Accrued Sick/Vacation Leave	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
148 Safety/Training & Equipment	\$46,000	\$47,000	\$49,000	\$50,000	\$52,000	\$53,000	\$55,000	\$57,000	\$58,000	\$60,000	\$62,000
149 Misc. Sundries & Supplies	\$15,000	\$15,000	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$18,000	\$19,000	\$20,000	\$20,000
150 Warehouse Supplies	\$10,000	\$10,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000
151 Legal Services	\$975,000	\$1,004,000	\$1,034,000	\$1,065,000	\$1,097,000	\$1,130,000	\$1,164,000	\$1,199,000	\$1,235,000	\$1,272,000	\$1,310,000
152 Auditing Services	\$26,000	\$27,000	\$28,000	\$28,000	\$29,000	\$30,000	\$31,000	\$32,000	\$33,000	\$34,000	\$35,000
153 Financial Services	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
154 Hydrogeologist Consultant	\$40,000	\$41,000	\$42,000	\$44,000	\$45,000	\$46,000	\$48,000	\$49,000	\$51,000	\$52,000	\$54,000
155 Underground Service Alert	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
156 Rents/Lease Equipment	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
157 Leases Real Estate BLM	\$7,000	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000	\$8,000	\$9,000	\$9,000	\$9,000	\$9,000
158 Equipment Maintenance	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$19,000	\$19,000	\$20,000	\$20,000	\$21,000	\$22,000
159 Server Maintenance Agreement	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
160 Computer Maintenance	\$20,000	\$21,000	\$21,000	\$22,000	\$23,000	\$23,000	\$24,000	\$25,000	\$25,000	\$26,000	\$27,000
161 Springbrook Software Maint	\$40,000	\$41,000	\$42,000	\$44,000	\$45,000	\$46,000	\$48,000	\$49,000	\$51,000	\$52,000	\$54,000
162 Cost of Service Study	\$30,000	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$60,000	\$0	\$0
163 Answering Service	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000
Legislative Expenses											
164 Director's Fees	\$26,000	\$29,000	\$31,000	\$32,000	\$34,000	\$36,000	\$37,000	\$39,000	\$41,000	\$43,000	\$45,000
165 Health Insurance Director's	\$68,000	\$70,000	\$72,000	\$74,000	\$77,000	\$79,000	\$81,000	\$84,000	\$86,000	\$89,000	\$91,000
166 Director's Workers Comp	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
167 Director's Payroll Taxes	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
168 Recording Secretary	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
169 Travel & Convention Directors	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Miscellaneous											
170 Admin Fees AD87-1	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
171 OPEB Expense	\$138,000	\$142,000	\$146,000	\$151,000	\$155,000	\$160,000	\$165,000	\$170,000	\$175,000	\$180,000	\$185,000
172 Misc Service Charges/Penalties	\$10,000	\$10,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000
173 Credit Card Service Charges	\$120,000	\$124,000	\$127,000	\$131,000	\$135,000	\$139,000	\$143,000	\$148,000	\$152,000	\$157,000	\$161,000
174 Web Payment Service Charges	\$59,000	\$61,000	\$63,000	\$64,000	\$66,000	\$68,000	\$70,000	\$73,000	\$75,000	\$77,000	\$79,000
175 Misc State & County Fees	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
176 SWRCB Annual Fee (was CDPH)	\$39,000	\$40,000	\$41,000	\$43,000	\$44,000	\$45,000	\$47,000	\$48,000	\$49,000	\$51,000	\$52,000
177 Public Information	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000
178 LAFCO Expense	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000
179 WSIP Monitoring	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
180 General Plan Expense	\$75,000	\$77,000	\$80,000	\$82,000	\$84,000	\$87,000	\$90,000	\$92,000	\$95,000	\$98,000	\$101,000
GSA											
181 GSA Pump Fee	\$560,000	\$560,000	\$562,000	\$563,000	\$565,000	\$567,000	\$568,000	\$570,000	\$572,000	\$574,000	\$575,000
182 GSA Replenishment Fee	\$4,230,000	\$3,493,000	\$3,504,000	\$3,514,000	\$3,525,000	\$3,535,000	\$3,546,000	\$3,557,000	\$3,567,000	\$3,578,000	\$3,589,000
Conservation											
183 Conservation Web Payment S/Chg	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$2,000	\$2,000	\$2,000
184 Water Conservation Programs	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
185 Water Conservation Advertising	\$10,000	\$10,000	\$11,000	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000
186 Conser/Public Education OT	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$3,000	\$3,000	\$3,000
Alternate Water Supply											
187 Well Monitoring Program	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
188 Kern County Property Tax	\$11,000	\$11,000	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$14,000	\$14,000	\$14,000	\$15,000
189 Inyo Kern County Property Tax	\$4,000	\$4,000	\$4,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000
190 Alternate Water Supply General	\$50,000	\$52,000	\$53,000	\$55,000	\$56,000	\$58,000	\$60,000	\$61,000	\$63,000	\$65,000	\$67,000
191 AWS Butterworth Ranch Olancha	\$15,000	\$15,000	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$18,000	\$19,000	\$20,000	\$20,000
192 AWS Stine Property	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$7,000	\$7,000
Debt Service											
193 Solar Loan	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000
194 2018 COP	\$1,891,000	\$1,882,000	\$1,885,000	\$1,879,000	\$1,880,000	\$1,875,000	\$1,878,000	\$1,880,000	\$1,887,000	\$1,887,000	\$1,885,000
195 Total Operating & Debt Expenses	\$15,341,000	\$14,963,000	\$15,382,000	\$15,715,000	\$16,146,000	\$16,446,000	\$16,828,000	\$17,225,000	\$17,719,000	\$18,102,000	\$18,534,000

Schedule 2 – Capital Spending Projections (in 2022 dollars)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
WATER SUPPLY								
1 Telemetry Replacements & Upgrades		\$10,000		\$10,000		\$10,000		\$10,000
2 Replacement Well/Well 36 (Phase II)								
3 Well 17 MCC			\$235,000					
4 Arsenic Plant Tower		\$45,000						
5 Arsenic Plant Underdrain	\$138,000	\$175,000						
6 Arsenic Plant Roofs		\$15,000						
7 Pressure Reduction Valve		\$250,000			\$250,000			
8 Magmeter X 10		\$100,000						
9 Electric Valves	\$15,000							
10 Well Rehab X 2		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
11 Ridgecrest Heights Booster			\$1,500,000					
12 Disaster Repair - Gateway Booster	\$250,000	\$2,415,000						
13 TOTAL WATER SUPPLY	\$403,000	\$3,310,000	\$2,035,000	\$310,000	\$550,000	\$310,000	\$300,000	\$310,000
WATER DISTRIBUTION								
14 New Service Installations	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
15 Burns Mainline Replacement					\$200,000			
16 French St Mainline Replacement				\$750,000				
17 Springer 24" Line			\$3,400,000					
18 Gateway Blvd 24"				\$2,500,000				
19 Bowman 30"								\$5,400,000
20 College Heights Blvd 18"								
21 Springer Tank Solar	\$10,000							
22 South Gold Canyon Mainline Replacement		\$150,000						
23 Karen Mainline Replacement		\$150,000						
24 Eastside 4" Lateral Replacements		\$700,000						
25 La Mirage Mainline Replacements						\$2,750,000	\$2,750,000	
26 Fire Hydrants	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
27 Springer to Gateway Tank								
28 Tanks X 3	\$500,000	\$4,884,000						
29 End-of-Life Meter Exchange	\$338,000	\$348,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
30 Bulk Station	\$100,000							
31 TOTAL TRANSMISSION & DISTRIBUTION	\$965,000	\$6,249,000	\$3,477,000	\$3,327,000	\$277,000	\$2,827,000	\$2,827,000	\$5,477,000
TECH								
32 Misc Computer Purchases	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
33 SCADA Laptops		\$13,000						
34 Replacement Equipment Server	\$15,000			\$15,000			\$15,000	
35 TOTAL TECH	\$30,000	\$28,000	\$15,000	\$30,000	\$15,000	\$15,000	\$30,000	\$15,000
GENERAL PLANT								
36 Vehicles Replacement	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000
37 New Infrastructure Back Parking Lot & North Wall				\$800,000				
38 Miscellaneous Capital Purchases	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
39 TOTAL GENERAL PLANT	\$145,000	\$145,000	\$145,000	\$945,000	\$145,000	\$145,000	\$145,000	\$145,000
SOURCE OF SUPPLY								
40 Groundwater Storage Study	\$30,000							
41 El Paso Exploration		\$75,000						
42 TOTAL FUTURE SOURCE OF SUPPLY	\$30,000	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0
43 TOTAL CAPITAL PROGRAM:	\$1,571,000	\$9,806,000	\$5,672,000	\$4,612,000	\$987,000	\$3,297,000	\$3,302,000	\$5,947,000
44 COST AFTER INFLATION	\$1,571,000	\$9,806,000	\$5,842,000	\$4,892,000	\$1,078,000	\$3,710,000	\$3,827,000	\$7,100,000

Schedule 3 –Cash Flow Pro Forma

	Actual FY2022	Budget FY2023	Forecast FY2024	Forecast FY2025	Forecast FY2026	Forecast FY2027	Forecast FY2028	Forecast FY2029	Forecast FY2030	Forecast FY2031	Forecast FY2032	Forecast FY2033	
1	Rate Revenue Increase:												
	8.00%	8.00%	8.00%	8.00%	6.00%	6.00%	6.00%	6.00%	3.00%	3.00%	3.00%	3.00%	
Rate Revenue													
2	Usage Revenue (Commodity & Zone)	\$4,044,000	\$4,165,320	\$4,510,000	\$4,884,000	\$5,289,000	\$5,623,000	\$5,978,000	\$6,354,000	\$6,755,000	\$6,977,000	\$7,208,000	\$7,446,000
3	Change due to growth & use		\$12,000	\$14,000	\$15,000	\$16,000	\$17,000	\$18,000	\$19,000	\$20,000	\$21,000	\$22,000	\$22,000
4	Increase due to rate adjustments		\$111,000	\$180,000	\$195,000	\$159,000	\$169,000	\$179,000	\$191,000	\$101,000	\$105,000	\$108,000	\$112,000
5	Fixed Revenue (RTS, Arsenic & Fire Protection)	\$6,926,000	\$7,133,780	\$7,725,000	\$8,366,000	\$9,061,000	\$9,632,000	\$10,239,000	\$10,884,000	\$11,571,000	\$11,954,000	\$12,348,000	\$12,755,000
6	Change due to growth & use		\$21,000	\$23,000	\$25,000	\$27,000	\$29,000	\$31,000	\$33,000	\$35,000	\$36,000	\$37,000	\$38,000
7	Increase due to rate adjustments		\$190,000	\$309,000	\$335,000	\$272,000	\$289,000	\$307,000	\$327,000	\$174,000	\$179,000	\$185,000	\$191,000
8	Other Rate Revenue (Bulk & Construction)	\$151,000	\$155,530	\$168,000	\$182,000	\$196,000	\$208,000	\$220,000	\$234,000	\$248,000	\$256,000	\$264,000	\$272,000
9	Increase due to rate adjustments		\$6,000	\$7,000	\$7,000	\$6,000	\$6,000	\$7,000	\$7,000	\$4,000	\$4,000	\$4,000	\$0
10	GSA Fees	\$4,761,000	\$4,053,000	\$4,065,000	\$4,078,000	\$4,090,000	\$4,102,000	\$4,114,000	\$4,127,000	\$4,139,000	\$4,152,000	\$4,164,000	\$4,176,000
Non-Rate Revenues													
11	Miscellaneous Fees	\$566,000	\$386,000	\$386,000	\$386,000	\$386,000	\$386,000	\$386,000	\$386,000	\$386,000	\$386,000	\$386,000	\$386,000
12	Interest Earnings	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
13	Capital Facility Fees	\$550,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000	\$399,000
14	Operating Revenue	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
15	Assessment Revenue	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
16	Total Revenue	\$17,116,000	\$16,750,630	\$17,904,000	\$18,990,000	\$20,019,000	\$20,978,000	\$21,996,000	\$23,079,000	\$23,950,000	\$24,587,000	\$25,243,000	\$25,915,000
O&M Costs													
17	Source of Supply	\$1,104,000	\$1,184,000	\$1,242,000	\$1,289,000	\$1,338,000	\$1,389,000	\$1,442,000	\$1,498,000	\$1,555,000	\$1,615,000	\$1,677,000	\$1,742,000
18	Legislative Expenses	\$103,000	\$107,000	\$112,000	\$116,000	\$120,000	\$124,000	\$129,000	\$133,000	\$138,000	\$143,000	\$148,000	\$154,000
19	Field Services	\$497,000	\$527,000	\$559,000	\$583,000	\$607,000	\$633,000	\$660,000	\$688,000	\$718,000	\$748,000	\$781,000	\$814,000
20	Conservation	\$14,000	\$14,000	\$15,000	\$15,000	\$15,000	\$16,000	\$16,000	\$17,000	\$17,000	\$18,000	\$18,000	\$19,000
21	Transmission & Distribution	\$1,741,000	\$1,829,000	\$1,920,000	\$1,994,000	\$2,070,000	\$2,149,000	\$2,232,000	\$2,318,000	\$2,408,000	\$2,501,000	\$2,598,000	\$2,700,000
22	Customer Service	\$428,000	\$451,000	\$474,000	\$493,000	\$513,000	\$533,000	\$554,000	\$576,000	\$599,000	\$623,000	\$648,000	\$674,000
23	Engineering	\$365,000	\$384,000	\$404,000	\$420,000	\$436,000	\$453,000	\$471,000	\$489,000	\$508,000	\$528,000	\$549,000	\$571,000
24	General Administration	\$3,243,000	\$3,356,000	\$3,505,000	\$3,631,000	\$3,822,000	\$3,898,000	\$4,039,000	\$4,185,000	\$4,397,000	\$4,495,000	\$4,660,000	\$4,830,000
25	Arsenic Treatment	\$219,000	\$232,000	\$243,000	\$253,000	\$262,000	\$272,000	\$282,000	\$293,000	\$304,000	\$316,000	\$328,000	\$340,000
26	Non-Operating Expenses	\$333,000	\$343,000	\$353,000	\$364,000	\$375,000	\$386,000	\$398,000	\$409,000	\$422,000	\$434,000	\$447,000	\$461,000
27	GSA	\$4,790,000	\$4,053,000	\$4,065,000	\$4,078,000	\$4,090,000	\$4,102,000	\$4,114,000	\$4,127,000	\$4,139,000	\$4,152,000	\$4,164,000	\$4,176,000
28	Alternate Water Supply	\$71,000	\$73,000	\$75,000	\$78,000	\$80,000	\$82,000	\$85,000	\$87,000	\$90,000	\$93,000	\$95,000	\$98,000
29	Total Operating Expenses	\$12,908,000	\$12,553,000	\$12,967,000	\$13,314,000	\$13,728,000	\$14,037,000	\$14,422,000	\$14,820,000	\$15,295,000	\$15,666,000	\$16,113,000	\$16,579,000
Capital Costs													
30	Total Capital Spending (rows 32, 33, 34 & 35)	\$1,571,000	\$9,806,000	\$5,842,000	\$4,892,000	\$1,078,000	\$3,710,000	\$3,827,000	\$7,100,000	\$4,939,000	\$5,087,000	\$5,240,000	\$5,397,000
31	Existing Debt Service	\$2,425,000	\$2,416,000	\$2,419,000	\$2,413,000	\$2,414,000	\$2,410,000	\$2,412,000	\$2,414,000	\$2,421,000	\$2,421,000	\$2,419,000	\$2,420,000
32	PayGo Funded Capital Projects	(\$350,000)	\$4,221,000	\$795,000	\$2,240,000	\$1,078,000	\$3,710,000	\$3,827,000	\$5,166,000	\$4,939,000	\$5,087,000	\$5,240,000	\$5,397,000
33	2018 COP Funded Projects	\$1,816,000	\$4,560,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	Capital Facility Fee Funded CIP	\$105,000	\$1,025,640	\$0	\$0	\$0	\$0	\$0	\$1,934,365	\$0	\$0	\$0	\$0
35	New Debt Funded Capital Spending	\$0	\$0	\$5,047,000	\$2,652,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	New Debt Service	\$0	\$0	\$494,000	\$494,000	\$494,000	\$494,000	\$494,000	\$494,000	\$494,000	\$494,000	\$494,000	\$494,000
37	Total Capital Expenses (rows 31, 32, 33, 34, & 36)	\$3,996,000	\$12,222,640	\$3,708,000	\$5,147,000	\$3,986,000	\$6,614,000	\$6,733,000	\$10,008,365	\$7,854,000	\$8,002,000	\$8,153,000	\$8,311,000
38	Total Rate Revenue Requirement	\$14,983,000	\$19,190,000	\$16,675,000	\$18,461,000	\$17,714,000	\$20,651,000	\$21,155,000	\$22,894,000	\$23,149,000	\$23,668,000	\$24,266,000	\$24,890,000
39	Beginning Year Balance	\$13,345,000	\$14,928,000	\$12,089,630	\$12,919,630	\$13,049,630	\$14,955,630	\$14,883,630	\$15,325,630	\$15,111,630	\$15,513,630	\$16,033,630	\$16,611,630
40	Surplus/(Shortfall)	\$1,583,000	(\$2,838,370)	\$830,000	\$130,000	\$1,906,000	(\$72,000)	\$442,000	(\$214,000)	\$402,000	\$520,000	\$578,000	\$626,000
41	End of Year Balance	\$14,928,000	\$12,089,630	\$12,919,630	\$13,049,630	\$14,955,630	\$14,883,630	\$15,325,630	\$15,111,630	\$15,513,630	\$16,033,630	\$16,611,630	\$17,237,630
42	Minimum Reserve Level	\$4,059,000	\$4,250,000	\$4,451,000	\$4,618,000	\$4,819,000	\$4,968,000	\$5,154,000	\$5,347,000	\$5,578,000	\$5,757,000	\$5,975,000	\$6,202,000
43	Available Balance	\$10,869,000	\$7,839,630	\$8,468,630	\$8,431,630	\$10,136,630	\$9,915,630	\$10,171,630	\$9,764,630	\$9,935,630	\$10,276,630	\$10,636,630	\$11,035,630
44	Ending Restricted Fund Balance	\$1,675,000	\$1,048,360	\$1,447,360	\$1,846,360	\$2,245,360	\$2,644,360	\$3,043,360	\$1,507,995	\$1,906,995	\$2,305,995	\$2,704,995	\$3,103,995
Debt Coverage Calculations													
45	Total Revenue Available for Debt Service	\$4,208,000	\$4,197,630	\$4,937,000	\$5,676,000	\$6,291,000	\$6,941,000	\$7,574,000	\$8,259,000	\$8,655,000	\$8,921,000	\$9,130,000	\$9,336,000
46	Total Yearly Parity Debt Payment	\$2,425,000	\$2,416,000	\$2,913,000	\$2,907,000	\$2,908,000	\$2,904,000	\$2,906,000	\$2,908,000	\$2,915,000	\$2,915,000	\$2,913,000	\$2,914,000
47	Debt Coverage Ratio	1.74	1.74	1.69	1.95	2.16	2.39	2.61	2.84	2.97	3.06	3.13	3.20

Schedule 4 –Allocation of Costs to System Functions (1 of 3)

Budget Line Items	FY 2022/23 Budget	Allocation Basis	Percent Allocation to Revenue Recovery Components				Account Charge	Meter Charge	Commodity	Arsenic
			Account Charge	Meter Charge	Commodity	Arsenic				
Water Supply Expenses										
1 PERS ER Contributions	(\$37,100)	Source of Supply	0%	0%	100%	0%	\$0	\$0	(\$37,100)	\$0
2 Supervision	\$109,100	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$109,100	\$0
3 Capital Credit	(\$51,500)	Source of Supply	0%	0%	100%	0%	\$0	\$0	(\$51,500)	\$0
4 Labor	\$340,200	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$340,200	\$0
5 Overtime	\$1,600	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$1,600	\$0
6 Standby Time	\$6,500	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$6,500	\$0
7 Benefits	\$173,000	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$173,000	\$0
8 Vehicle Maintenance	\$20,600	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$20,600	\$0
9 Vehicle Fuel	\$12,100	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$12,100	\$0
10 Maintenance Of Structures	\$4,100	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$4,100	\$0
11 Maintenance of Equipment	\$27,800	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$27,800	\$0
12 Maintenance Standby Generators	\$13,400	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$13,400	\$0
13 Maintenance & Care Of Grounds	\$4,100	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$4,100	\$0
14 Maintenance Automated Controls	\$10,300	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$10,300	\$0
15 Automated Controls Maint Agreement	\$4,600	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$4,600	\$0
16 Operating Permits	\$15,500	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$15,500	\$0
17 Purchased Power	\$376,200	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$376,200	\$0
18 Water Bills	\$9,700	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$9,700	\$0
19 Solar Expenses	\$61,800	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$61,800	\$0
20 Natural Gas	\$600	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$600	\$0
21 Training & Conferences	\$5,200	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$5,200	\$0
22 Bulk Water Station Expenses	\$11,300	Storage	0%	50%	50%	0%	\$0	\$5,650	\$5,650	\$0
23 Water Treatment Chemicals	\$37,100	Treatment	0%	0%	100%	0%	\$0	\$0	\$37,100	\$0
24 Maint Reservoirs & Tanks	\$2,100	Storage	0%	50%	50%	0%	\$0	\$1,050	\$1,050	\$0
25 Misc Parts & Materials	\$10,300	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$10,300	\$0
26 Stationery & Computer Supplies	\$2,100	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$2,100	\$0
27 Cell Phones	\$2,700	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$2,700	\$0
28 PERS Cost by Function	\$10,300	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$10,300	\$0
Arsenic Plant Expenses										
29 PERS ER Contributions	(\$7,200)	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	(\$7,200)
30 Supervision	\$18,400	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$18,400
31 Labor	\$57,200	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$57,200
32 Overtime	\$1,100	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$1,100
33 Standby Time	\$8,600	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$8,600
34 Benefits	\$30,900	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$30,900
35 Maintenance of Structures	\$3,600	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$3,600
36 Maintenance of Equipment	\$15,500	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$15,500
37 Maintenance Arsenic Plant Grounds	\$1,000	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$1,000
38 Maintenance Automated Controls	\$5,200	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$5,200
39 Automated Controls Maint Agreement	\$2,900	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$2,900
40 Purchased Power	\$33,000	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$33,000
41 Solar Expense	\$7,200	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$7,200
42 Lab Analysis & Equipment	\$5,200	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$5,200
43 Treatment Chemicals	\$41,200	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$41,200
44 Solids Disposal	\$4,400	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$4,400
45 Misc Parts & Materials	\$2,100	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$2,100
46 PERS Cost by Function	\$2,100	Arsenic	0%	0%	0%	100%	\$0	\$0	\$0	\$2,100
Transmission & Distribution Expenses										
47 PERS ER Contributions	(\$48,400)	Trans & Dist	0%	50%	50%	0%	\$0	(\$24,200)	(\$24,200)	\$0
48 Supervision	\$112,300	Trans & Dist	0%	50%	50%	0%	\$0	\$56,150	\$56,150	\$0
49 Labor	\$511,900	Trans & Dist	0%	50%	50%	0%	\$0	\$255,950	\$255,950	\$0
50 No-DES Labor	\$141,300	Trans & Dist	0%	50%	50%	0%	\$0	\$70,650	\$70,650	\$0
51 Capital Project Credit	(\$59,400)	Trans & Dist	0%	50%	50%	0%	\$0	(\$29,700)	(\$29,700)	\$0
52 Overtime	\$23,800	Trans & Dist	0%	50%	50%	0%	\$0	\$11,900	\$11,900	\$0
53 Standby Time	\$38,100	Trans & Dist	0%	50%	50%	0%	\$0	\$19,050	\$19,050	\$0
54 Benefits	\$388,300	Trans & Dist	0%	50%	50%	0%	\$0	\$194,150	\$194,150	\$0
55 Vehicle Maintenance	\$36,100	Trans & Dist	0%	50%	50%	0%	\$0	\$18,050	\$18,050	\$0
56 Vehicle Fuel	\$33,000	Trans & Dist	0%	50%	50%	0%	\$0	\$16,500	\$16,500	\$0
57 Maintenance Heavy & Light Equipment	\$30,900	Trans & Dist	0%	50%	50%	0%	\$0	\$15,450	\$15,450	\$0
58 Maintenance of T&D	\$34,000	Trans & Dist	0%	50%	50%	0%	\$0	\$17,000	\$17,000	\$0
59 Maintenance of Fire Hydrants	\$6,200	Trans & Dist	0%	50%	50%	0%	\$0	\$3,100	\$3,100	\$0
60 Maintenance Laterals & Meters	\$154,500	Trans & Dist	0%	50%	50%	0%	\$0	\$77,250	\$77,250	\$0
61 Maintenance Valves & Boxes	\$18,500	Trans & Dist	0%	50%	50%	0%	\$0	\$9,250	\$9,250	\$0
62 Maintenance Of Streets	\$370,800	Trans & Dist	0%	50%	50%	0%	\$0	\$185,400	\$185,400	\$0
63 Maintenance Of Streets - Permits	\$3,100	Trans & Dist	0%	50%	50%	0%	\$0	\$1,550	\$1,550	\$0
64 Welding Supplies	\$1,000	Trans & Dist	0%	50%	50%	0%	\$0	\$500	\$500	\$0
65 Misc Parts & Materials	\$12,400	Trans & Dist	0%	50%	50%	0%	\$0	\$6,200	\$6,200	\$0
66 Equipment Rental	\$3,100	Trans & Dist	0%	50%	50%	0%	\$0	\$1,550	\$1,550	\$0
67 Capital Equipment Credit	(\$9,300)	Trans & Dist	0%	50%	50%	0%	\$0	(\$4,650)	(\$4,650)	\$0
68 Training and Conferences	\$5,200	Trans & Dist	0%	50%	50%	0%	\$0	\$2,600	\$2,600	\$0
69 Meal Tickets	\$1,000	Trans & Dist	0%	50%	50%	0%	\$0	\$500	\$500	\$0
70 Stationery & Computer Supplies	\$2,100	Trans & Dist	0%	50%	50%	0%	\$0	\$1,050	\$1,050	\$0
71 Cell Phones	\$2,000	Trans & Dist	0%	50%	50%	0%	\$0	\$1,000	\$1,000	\$0
72 PERS Cost by Function	\$16,500	Trans & Dist	0%	50%	50%	0%	\$0	\$8,250	\$8,250	\$0

Schedule 4 – Allocation of Costs to System Functions (2 of 3)

		Percent Allocation to Revenue Recovery Components									
Budget Line Items		FY 2022/23	Account	Meter	Commodity			Account	Meter	Commodity	
		Budget	Charge	Charge	Commodity	Arsenic	Charge	Charge	Commodity	Arsenic	
			Allocation Basis								
Engineering Expenses											
73	PERS ER Contributions	(\$18,500)	Asset Register	5%	50%	17%	28%	(\$956)	(\$9,335)	(\$3,113)	(\$5,096)
74	Labor	\$272,200	Asset Register	5%	50%	17%	28%	\$14,072	\$137,344	\$45,810	\$74,973
75	Capital Project Credit	(\$108,000)	Asset Register	5%	50%	17%	28%	(\$5,584)	(\$54,494)	(\$18,176)	(\$29,747)
76	Benefits	\$83,400	Asset Register	5%	50%	17%	28%	\$4,312	\$42,081	\$14,036	\$22,971
77	Vehicle Maintenance	\$2,100	Asset Register	5%	50%	17%	28%	\$109	\$1,060	\$353	\$578
78	Vehicle Fuel	\$4,400	Asset Register	5%	50%	17%	28%	\$227	\$2,220	\$741	\$1,212
79	Water Treatment Lab Analysis	\$27,800	Treatment	0%	0%	100%	0%	\$0	\$0	\$27,800	\$0
80	Consumer Confidence Reports	\$7,700	Asset Register	5%	50%	17%	28%	\$398	\$3,885	\$1,296	\$2,121
81	Training and Conferences (Engineering)	\$3,100	Asset Register	5%	50%	17%	28%	\$160	\$1,564	\$522	\$854
82	Stationery & Computer Supplies	\$4,100	Asset Register	5%	50%	17%	28%	\$212	\$2,069	\$690	\$1,129
83	Cell Phones	\$1,000	Asset Register	5%	50%	17%	28%	\$52	\$505	\$168	\$275
84	PERS Cost by Function	\$5,200	Asset Register	5%	50%	17%	28%	\$269	\$2,624	\$875	\$1,432
85	Miscellaneous Consultant - GIS	\$20,600	Asset Register	5%	50%	17%	28%	\$1,065	\$10,394	\$3,467	\$5,674
86	Consulting Engineer Services	\$51,500	Asset Register	5%	50%	17%	28%	\$2,663	\$25,985	\$8,667	\$14,185
87	Water Trax Subscription	\$12,200	Asset Register	5%	50%	17%	28%	\$631	\$6,156	\$2,053	\$3,360
88	Computer Maintenance	\$15,500	Asset Register	5%	50%	17%	28%	\$801	\$7,821	\$2,609	\$4,269
Customer Service Expenses											
89	PERS ER Contributions	(\$16,500)	Customer Service & Me	50%	50%	0%	0%	(\$8,250)	(\$8,250)	\$0	\$0
90	Supervision	\$100,400	Customer Service & Me	50%	50%	0%	0%	\$50,200	\$50,200	\$0	\$0
91	Labor	\$104,800	Customer Service & Me	50%	50%	0%	0%	\$52,400	\$52,400	\$0	\$0
92	Overtime	\$1,100	Customer Service & Me	50%	50%	0%	0%	\$550	\$550	\$0	\$0
93	Benefits	\$80,300	Customer Service & Me	50%	50%	0%	0%	\$40,150	\$40,150	\$0	\$0
94	Uncollectible Accounts	\$72,100	Customer Service & Me	50%	50%	0%	0%	\$36,050	\$36,050	\$0	\$0
95	Postage & Supplies	\$72,100	Customer Service & Me	50%	50%	0%	0%	\$36,050	\$36,050	\$0	\$0
96	Printing & Reproduction	\$16,500	Customer Service & Me	50%	50%	0%	0%	\$8,250	\$8,250	\$0	\$0
97	Training & Conferences	\$2,100	Customer Service & Me	50%	50%	0%	0%	\$1,050	\$1,050	\$0	\$0
98	Cash Short/Over	\$200	Customer Service & Me	50%	50%	0%	0%	\$100	\$100	\$0	\$0
99	Stationery & Computer Supplies	\$12,400	Customer Service & Me	50%	50%	0%	0%	\$6,200	\$6,200	\$0	\$0
100	PERS Cost by Function	\$5,200	Customer Service & Me	50%	50%	0%	0%	\$2,600	\$2,600	\$0	\$0
Field Service Expenses											
101	PERS ER Contributions	(\$20,600)	Field Services	50%	50%	0%	0%	(\$10,300)	(\$10,300)	\$0	\$0
102	Misc Parts & Materials	\$3,600	Field Services	50%	50%	0%	0%	\$1,800	\$1,800	\$0	\$0
103	Supervision	\$109,100	Field Services	50%	50%	0%	0%	\$54,550	\$54,550	\$0	\$0
104	Labor	\$206,300	Field Services	50%	50%	0%	0%	\$103,150	\$103,150	\$0	\$0
105	Overtime	\$2,900	Field Services	50%	50%	0%	0%	\$1,450	\$1,450	\$0	\$0
106	Capital Project Credit	(\$77,300)	Field Services	50%	50%	0%	0%	(\$38,650)	(\$38,650)	\$0	\$0
107	Benefits	\$159,700	Field Services	50%	50%	0%	0%	\$79,850	\$79,850	\$0	\$0
108	Vehicle Maintenance	\$16,500	Field Services	50%	50%	0%	0%	\$8,250	\$8,250	\$0	\$0
109	Vehicle Fuel	\$14,300	Field Services	50%	50%	0%	0%	\$7,150	\$7,150	\$0	\$0
110	Maintenance of Meters	\$41,200	Field Services	50%	50%	0%	0%	\$20,600	\$20,600	\$0	\$0
111	Itron Software	\$0	Field Services	50%	50%	0%	0%	\$0	\$0	\$0	\$0
112	AMI	\$56,700	Field Services	50%	50%	0%	0%	\$28,350	\$28,350	\$0	\$0
113	Training and Conferences	\$5,200	Field Services	50%	50%	0%	0%	\$2,600	\$2,600	\$0	\$0
114	Stationery & Computer Supplies	\$1,000	Field Services	50%	50%	0%	0%	\$500	\$500	\$0	\$0
115	Cell Phones	\$2,600	Field Services	50%	50%	0%	0%	\$1,300	\$1,300	\$0	\$0
116	PERS Cost by Function	\$6,200	Field Services	50%	50%	0%	0%	\$3,100	\$3,100	\$0	\$0
Admin, Accounting & General Expenses											
117	PERS ER Contributions	(\$82,400)	Indirect Operations	15%	46%	29%	10%	(\$12,213)	(\$38,108)	(\$24,122)	(\$7,956)
118	Supervision	\$585,400	Indirect Operations	15%	46%	29%	10%	\$86,769	\$270,734	\$171,372	\$56,525
119	Administration - Labor	\$223,600	Indirect Operations	15%	46%	29%	10%	\$33,142	\$103,410	\$65,458	\$21,590
120	Accounting - Labor	\$152,300	Indirect Operations	15%	46%	29%	10%	\$22,574	\$70,435	\$44,585	\$14,706
121	Administration - Overtime	\$2,200	Indirect Operations	15%	46%	29%	10%	\$326	\$1,017	\$644	\$212
122	Accounting - Overtime	\$1,100	Indirect Operations	15%	46%	29%	10%	\$163	\$509	\$322	\$106
123	Administration - Benefits	\$269,900	Indirect Operations	15%	46%	29%	10%	\$40,005	\$124,823	\$79,012	\$26,061
124	Accounting - Benefits	\$54,600	Indirect Operations	15%	46%	29%	10%	\$8,093	\$25,251	\$15,984	\$5,272
125	Vehicle Maintenance	\$5,200	Indirect Operations	15%	46%	29%	10%	\$771	\$2,405	\$1,522	\$502
126	Vehicle Fuel	\$5,500	Indirect Operations	15%	46%	29%	10%	\$815	\$2,544	\$1,610	\$531
127	Stationery & Computer Supplies	\$11,300	Indirect Operations	15%	46%	29%	10%	\$1,675	\$5,226	\$3,308	\$1,091
128	Printing & Reproduction	\$500	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$500	\$0
129	Postage	\$4,100	Indirect Operations	15%	46%	29%	10%	\$608	\$1,896	\$1,200	\$396
130	Memberships & Subscriptions	\$51,500	Indirect Operations	15%	46%	29%	10%	\$7,633	\$23,818	\$15,076	\$4,973
131	Travel & Conference (Management)	\$5,200	Indirect Operations	15%	46%	29%	10%	\$771	\$2,405	\$1,522	\$502
132	Travel & Conference (Admin/Accounting)	\$5,200	Indirect Operations	15%	46%	29%	10%	\$771	\$2,405	\$1,522	\$502
133	Travel & Conference (IT)	\$3,100	Indirect Operations	15%	46%	29%	10%	\$459	\$1,434	\$908	\$299
134	Maintenance of Structures	\$5,200	Indirect Operations	15%	46%	29%	10%	\$771	\$2,405	\$1,522	\$502
135	Office & Shop Utilities	\$27,500	Indirect Operations	15%	46%	29%	10%	\$4,076	\$12,718	\$8,050	\$2,655
136	Hazardous Waste Disposal	\$4,400	Indirect Operations	15%	46%	29%	10%	\$652	\$2,035	\$1,288	\$425
137	Solar Expenses	\$3,600	Indirect Operations	15%	46%	29%	10%	\$534	\$1,665	\$1,054	\$348
138	Telephones	\$16,500	Indirect Operations	15%	46%	29%	10%	\$2,446	\$7,631	\$4,830	\$1,593
139	Cell Phones	\$5,700	Indirect Operations	15%	46%	29%	10%	\$845	\$2,636	\$1,669	\$550
140	Internet Service Provider	\$12,400	Indirect Operations	15%	46%	29%	10%	\$1,838	\$5,735	\$3,630	\$1,197
141	Security Services	\$6,700	Indirect Operations	15%	46%	29%	10%	\$993	\$3,099	\$1,961	\$647
142	Custodian/Caretaker	\$12,400	Indirect Operations	15%	46%	29%	10%	\$1,838	\$5,735	\$3,630	\$1,197
143	Ins Property & Liability	\$259,600	Indirect Operations	15%	46%	29%	10%	\$38,478	\$120,059	\$75,996	\$25,066

Schedule 4 – Allocation of Costs to System Functions (3 of 3)

Budget Line Items	Percent Allocation to Revenue Recovery Components										
	FY 2022/23		Account				Meter				
	Budget	Allocation Basis	Charge	Charge	Commodity	Arsenic	Charge	Charge	Commodity	Arsenic	
144	Deductible Adjustments	\$3,100	Indirect Operations	15%	46%	29%	10%	\$459	\$1,434	\$908	\$299
145	New Employee Verification	\$1,000	Indirect Operations	15%	46%	29%	10%	\$148	\$462	\$293	\$97
146	Public Employees Retirement	\$274,300	Indirect Operations	15%	46%	29%	10%	\$40,657	\$126,857	\$80,300	\$26,486
147	PERS Cost by Function	\$24,700	Indirect Operations	15%	46%	29%	10%	\$3,661	\$11,423	\$7,231	\$2,385
148	Workers' Comp Previous FY	\$5,200	Indirect Operations	15%	46%	29%	10%	\$771	\$2,405	\$1,522	\$502
149	Accrued Sick/Vacation Leave	\$5,200	Indirect Operations	15%	46%	29%	10%	\$771	\$2,405	\$1,522	\$502
150	Safety Materials and Equipment	\$47,400	Indirect Operations	15%	46%	29%	10%	\$7,026	\$21,921	\$13,876	\$4,577
151	Miscellaneous Supplies	\$15,500	Indirect Operations	15%	46%	29%	10%	\$2,297	\$7,168	\$4,538	\$1,497
152	Warehouse Supplies	\$10,300	Indirect Operations	15%	46%	29%	10%	\$1,527	\$4,764	\$3,015	\$995
153	Legal Services	\$1,004,300	Legal Services	0%	0%	100%	0%	\$0	\$0	\$1,004,300	\$0
154	Auditing Services	\$26,800	Indirect Operations	15%	46%	29%	10%	\$3,972	\$12,394	\$7,846	\$2,588
155	Financial Services	\$2,600	Indirect Operations	15%	46%	29%	10%	\$385	\$1,202	\$761	\$251
156	Hydrogeologist Consultant	\$41,200	Source of Supply	0%	0%	100%	0%	\$0	\$0	\$41,200	\$0
157	Underground Service Alert	\$3,100	Trans & Dist	0%	50%	50%	0%	\$0	\$1,550	\$1,550	\$0
158	Rents/Lease Equipment	\$4,100	Trans & Dist	0%	50%	50%	0%	\$0	\$2,050	\$2,050	\$0
159	Leases Real Estate BLM	\$7,200	Indirect Operations	15%	46%	29%	10%	\$1,067	\$3,330	\$2,108	\$695
160	Office Equipment Maintenance	\$16,500	Indirect Operations	15%	46%	29%	10%	\$2,446	\$7,631	\$4,830	\$1,593
161	Server Maintenance Agreement	\$2,100	Indirect Operations	15%	46%	29%	10%	\$311	\$971	\$615	\$203
162	Computer Maintenance	\$20,600	Indirect Operations	15%	46%	29%	10%	\$3,053	\$9,527	\$6,031	\$1,989
163	Springbrook Software Maintenance	\$41,200	Indirect Operations	15%	46%	29%	10%	\$6,107	\$19,054	\$12,061	\$3,978
164	Answering Service	\$6,200	Indirect Operations	15%	46%	29%	10%	\$919	\$2,867	\$1,815	\$599
Legislative Expenses											
165	Director's Fees	\$28,500	Indirect Operations	15%	46%	29%	10%	\$4,224	\$13,181	\$8,343	\$2,752
166	Director's Health Insurance	\$70,000	Indirect Operations	15%	46%	29%	10%	\$10,376	\$32,373	\$20,492	\$6,759
167	Director's Workers' Comp	\$3,100	Indirect Operations	15%	46%	29%	10%	\$459	\$1,434	\$908	\$299
168	Director's Payroll Taxes	\$2,100	Indirect Operations	15%	46%	29%	10%	\$311	\$971	\$615	\$203
169	Recording Secretary	\$2,100	Indirect Operations	15%	46%	29%	10%	\$311	\$971	\$615	\$203
170	Travel & Convention - Directors	\$1,500	Indirect Operations	15%	46%	29%	10%	\$222	\$694	\$439	\$145
Miscellaneous											
171	Admin Fees AD 87-1	\$1,800	Indirect Operations	15%	46%	29%	10%	\$267	\$832	\$527	\$174
172	OPEB Expense	\$142,100	Indirect Operations	15%	46%	29%	10%	\$21,062	\$65,718	\$41,599	\$13,721
173	Misc Service Charges/Penalties	\$10,300	Indirect Operations	15%	46%	29%	10%	\$1,527	\$4,764	\$3,015	\$995
174	Credit Card Service Charges	\$123,600	Indirect Operations	15%	46%	29%	10%	\$18,320	\$57,162	\$36,183	\$11,934
175	Web Payments	\$60,800	Indirect Operations	15%	46%	29%	10%	\$9,012	\$28,119	\$17,799	\$5,871
176	Misc State & County Fees	\$2,600	Indirect Operations	15%	46%	29%	10%	\$385	\$1,202	\$761	\$251
177	SWRCB Annual Fee	\$40,200	Indirect Operations	15%	46%	29%	10%	\$5,959	\$18,592	\$11,768	\$3,882
178	Public Information	\$6,200	Indirect Operations	15%	46%	29%	10%	\$919	\$2,867	\$1,815	\$599
179	LAFCO Expense	\$3,600	Indirect Operations	15%	46%	29%	10%	\$534	\$1,665	\$1,054	\$348
180	WSIP Monitoring	\$1,000	Indirect Operations	15%	46%	29%	10%	\$148	\$462	\$293	\$97
181	General Plan Exp	\$77,300	Indirect Operations	15%	46%	29%	10%	\$11,458	\$35,749	\$22,629	\$7,464
Conservation											
182	Conservation - Web Payments Svc Chg	\$1,200	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$1,200	\$0
183	Water Conservation Programs	\$500	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$500	\$0
184	Water Conservation Advertising	\$10,300	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$10,300	\$0
185	Conservation OT	\$2,100	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$2,100	\$0
Alternative Water Supply											
186	Well Monitoring Program	\$1,000	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$1,000	\$0
187	Kern County Property Tax	\$11,300	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$11,300	\$0
188	Inyo County Property Tax	\$4,300	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$4,300	\$0
189	Alternate Water Supply General	\$51,500	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$51,500	\$0
190	AWS - Butterworth Ranch Olancha	\$15,500	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$15,500	\$0
191	AWS - Stine Property	\$5,200	Conservation/AWS	0%	0%	100%	0%	\$0	\$0	\$5,200	\$0
NON-OPERATING COSTS											
193	Debt Service	\$2,416,000	Asset Register	5%	50%	17%	28%	\$124,905	\$1,219,041	\$406,602	\$665,451
194	Average PayGo	\$2,408,800	Asset Register	5%	50%	17%	28%	\$124,533	\$1,215,408	\$405,391	\$663,468
SOURCES											
196	Miscellaneous Fees	(\$386,000)	Indirect All Expenses	10%	44%	31%	16%	(\$36,963)	(\$168,091)	(\$119,790)	(\$61,157)
197	Non-Primary Rate Revenue	(\$588,300)	Indirect All Expenses	10%	44%	31%	16%	(\$56,335)	(\$256,186)	(\$182,571)	(\$93,209)
198	Interest Earnings	(\$50,000)	Indirect All Expenses	10%	44%	31%	16%	(\$4,788)	(\$21,773)	(\$15,517)	(\$7,922)
199	Operating Revenue	(\$60,000)	Indirect All Expenses	10%	44%	31%	16%	(\$5,746)	(\$26,128)	(\$18,620)	(\$9,506)
200	Assessment Revenue	(\$8,000)	Indirect All Expenses	10%	44%	31%	16%	(\$766)	(\$3,484)	(\$2,483)	(\$1,267)
201	Change in Fund Balance	(\$423,170)	Indirect All Expenses	10%	44%	31%	16%	(\$40,522)	(\$184,277)	(\$131,325)	(\$67,046)
202	Totals:	\$11,811,430						\$1,017,700	\$4,634,700	\$4,475,200	\$1,683,800

Schedule 5 – Five-Year Schedule of Proposed Water Rates (1 of 3)

Effective March 1, 2023

Commodity Charges (per HCF)

	District Commodity Rate	GSA Extraction Fee	GSA Replenishment Fee	Total
Tier 1	\$1.84	\$0.24	\$0.00	\$2.08
Tier 2	\$1.84	\$0.24	\$5.25	\$7.33

Fixed Monthly Charges

Meter Size	Ready-to-Serve	Arsenic Charge	Total
3/4"	\$35.36	\$10.28	\$45.64
1"	\$54.23	\$17.13	\$71.36
1 1/2"	\$101.39	\$34.27	\$135.66
2"	\$157.99	\$54.83	\$212.82
3"	\$308.93	\$109.65	\$418.58
4"	\$478.73	\$171.33	\$650.06
6"	\$950.39	\$342.67	\$1,293.06
8"	\$1,516.39	\$548.27	\$2,064.66
10"	\$2,176.73	\$788.13	\$2,964.86

Zone Charges

Zone	Volumetric Charge (per HCF)
Zone B	\$0.27
Zone C	\$0.50
Zone D	\$0.77
Zone E	\$1.04

Construction Meter Charges

	Rates
Monthly Meter Charge:*	\$223.18
Volumetric Unit Rate (per HCF):	\$7.33

* May be pro-rated for partial months.

Private Fire Service

Meter Size	Monthly Charge
1"	\$1.89
2"	\$11.71
3"	\$33.99
4"	\$72.41
6"	\$210.35
8"	\$448.28
10"	\$806.16

Bulk Water Rates

	Rates
Monthly Fixed Charge:	\$34.87
Volumetric Charge (per HCF):	\$6.95

Effective January 1, 2024

Commodity Charges (per HCF)

	District Commodity Rate	GSA Extraction Fee	GSA Replenishment Fee	Total
Tier 1	\$1.99	\$0.24	\$0.00	\$2.23
Tier 2	\$1.99	\$0.24	\$5.25	\$7.48

Fixed Monthly Charges

Meter Size	Ready-to-Serve	Arsenic Charge	Total
3/4"	\$38.19	\$11.10	\$49.29
1"	\$58.57	\$18.50	\$77.07
1 1/2"	\$109.50	\$37.01	\$146.51
2"	\$170.63	\$59.22	\$229.85
3"	\$333.64	\$118.42	\$452.06
4"	\$517.03	\$185.04	\$702.07
6"	\$1,026.42	\$370.08	\$1,396.50
8"	\$1,637.70	\$592.13	\$2,229.83
10"	\$2,350.87	\$851.18	\$3,202.05

Zone Charges

Zone	Volumetric Charge (per HCF)
Zone B	\$0.29
Zone C	\$0.54
Zone D	\$0.83
Zone E	\$1.12

Construction Meter Charges

	Rates
Monthly Meter Charge:*	\$241.03
Volumetric Unit Rate (per HCF):	\$7.48

* May be pro-rated for partial months.

Private Fire Service

Meter Size	Monthly Charge
1"	\$2.04
2"	\$12.65
3"	\$36.71
4"	\$78.20
6"	\$227.18
8"	\$484.14
10"	\$870.65

Bulk Water Rates

	Rates
Monthly Fixed Charge:	\$37.66
Volumetric Charge (per HCF):	\$7.51

Schedule 5 – Five-Year Schedule of Proposed Water Rates (2 of 3)

Effective January 1, 2025

Commodity Charges (per HCF)

	District Commodity Rate	GSA Extraction Fee	GSA Replenishment Fee	Total
Tier 1	\$2.15	\$0.24	\$0.00	\$2.39
Tier 2	\$2.15	\$0.24	\$5.25	\$7.64

Fixed Monthly Charges

Meter Size	Ready-to-Serve	Arsenic Charge	Total
3/4"	\$41.25	\$11.99	\$53.24
1"	\$63.26	\$19.98	\$83.24
1 1/2"	\$118.26	\$39.97	\$158.23
2"	\$184.28	\$63.96	\$248.24
3"	\$360.33	\$127.89	\$488.22
4"	\$558.39	\$199.84	\$758.23
6"	\$1,108.53	\$399.69	\$1,508.22
8"	\$1,768.72	\$639.50	\$2,408.22
10"	\$2,538.94	\$919.27	\$3,458.21

Zone Charges

Zone	Volumetric Charge (per HCF)
Zone B	\$0.31
Zone C	\$0.58
Zone D	\$0.90
Zone E	\$1.21

Construction Meter Charges

	Rates
Monthly Meter Charge:*	\$260.31
Volumetric Unit Rate (per HCF):	\$7.64

* May be pro-rated for partial months.

Private Fire Service

Meter Size	Monthly Charge
1"	\$2.20
2"	\$13.66
3"	\$39.65
4"	\$84.46
6"	\$245.35
8"	\$522.87
10"	\$940.30

Bulk Water Rates

	Rates
Monthly Fixed Charge:	\$40.67
Volumetric Charge (per HCF):	\$8.11

Effective January 1, 2026

Commodity Charges (per HCF)

	District Commodity Rate	GSA Extraction Fee	GSA Replenishment Fee	Total
Tier 1	\$2.28	\$0.24	\$0.00	\$2.52
Tier 2	\$2.28	\$0.24	\$5.25	\$7.77

Fixed Monthly Charges

Meter Size	Ready-to-Serve	Arsenic Charge	Total
3/4"	\$43.73	\$12.71	\$56.44
1"	\$67.06	\$21.18	\$88.24
1 1/2"	\$125.36	\$42.37	\$167.73
2"	\$195.34	\$67.80	\$263.14
3"	\$381.95	\$135.56	\$517.51
4"	\$591.89	\$211.83	\$803.72
6"	\$1,175.04	\$423.67	\$1,598.71
8"	\$1,874.84	\$677.87	\$2,552.71
10"	\$2,691.28	\$974.43	\$3,665.71

Zone Charges

Zone	Volumetric Charge (per HCF)
Zone B	\$0.33
Zone C	\$0.61
Zone D	\$0.95
Zone E	\$1.28

Construction Meter Charges

	Rates
Monthly Meter Charge:*	\$275.93
Volumetric Unit Rate (per HCF):	\$7.77

* May be pro-rated for partial months.

Private Fire Service

Meter Size	Monthly Charge
1"	\$2.33
2"	\$14.48
3"	\$42.03
4"	\$89.53
6"	\$260.07
8"	\$554.24
10"	\$996.72

Bulk Water Rates

	Rates
Monthly Fixed Charge:	\$43.11
Volumetric Charge (per HCF):	\$8.60

Schedule 5 – Five-Year Schedule of Proposed Water Rates (3 of 3)

Effective January 1, 2027

Commodity Charges

	District Commodity Rate	GSA Extraction Fee	GSA Replenishment Fee	Total
Tier 1	\$2.42	\$0.24	\$0.00	\$2.66
Tier 2	\$2.42	\$0.24	\$5.25	\$7.91

Fixed Monthly Charges

Meter Size	Ready-to-Serve	Arsenic Charge	Total
3/4"	\$46.35	\$13.47	\$59.82
1"	\$71.08	\$22.45	\$93.53
1 1/2"	\$132.88	\$44.91	\$177.79
2"	\$207.06	\$71.87	\$278.93
3"	\$404.87	\$143.69	\$548.56
4"	\$627.40	\$224.54	\$851.94
6"	\$1,245.54	\$449.09	\$1,694.63
8"	\$1,987.33	\$718.54	\$2,705.87
10"	\$2,852.76	\$1,032.90	\$3,885.66

Zone Charges

Zone	Volumetric Charge (per HCF)
Zone B	\$0.35
Zone C	\$0.65
Zone D	\$1.01
Zone E	\$1.36

Construction Meter Charges

	Rates
Monthly Meter Charge:*	\$292.49
Volumetric Unit Rate (per HCF):	\$7.91

* May be pro-rated for partial months.

Private Fire Service

Meter Size	Monthly Charge
1"	\$2.47
2"	\$15.35
3"	\$44.55
4"	\$94.90
6"	\$275.67
8"	\$587.49
10"	\$1,056.52

Bulk Water Rates

	Rates
Monthly Fixed Charge:	\$45.70
Volumetric Charge (per HCF):	\$9.12