

FORESTHILL PUBLIC UTILITY DISTRICT

AGENDA

Special Meeting of FORESTHILL PUBLIC UTILITY DISTRICT BOARD OF DIRECTORS

Pursuant to the Governor's Executive Orders N-29-20 and N-33-20 and given the state of emergency regarding the threat of COVID-19, the meeting will be held via teleconference.

www.foresthillpud.com

Wednesday	June 2, 2021	7:00 P.M.
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Join Zoom Meeting: <https://zoom.us/j/93713344714> Meeting ID: 937 1334 4714

Dial by your location: 408 638 0968 or 669 900 6833 US (San Jose)

Find your local number: <https://zoom.us/u/ab9A83mKzC>

A. CALL TO ORDER: 7:00 PM

B. ROLL CALL (3 minutes):

_____ President Mark Bell
_____ Vice President Patty Wade
_____ Director Jane Stahler
_____ Director Robert Palmeri
_____ Vacant

C. PUBLIC COMMENT: (20 minutes)

- This is the time for the Board to hear from the public. We welcome and encourage your comments as the Board takes them into consideration in our deliberations.
- Speakers are limited to a maximum of three minutes.
- The Board may not respond to, discuss, or engage in any type of dialog regarding any public comment, however the President may direct questions to staff for a later response or future consideration by the Board.
- Appropriate and respectful language and behavior is vital to the functioning of a public meeting. We ask Board, staff, and members of the public to speak courteously and respectfully. Therefore, the Board prohibits disruptive behavior.

D. ADOPTION OF THE AGENDA: (2 minutes)

E. ACTION ITEMS: (30 minutes)

1. Approve "Notice of Public Hearing on Proposed Revenue Decrease and Rate Structure Adjustments to the Foresthill Public Utility District Water Rates" and set date and virtual address for public hearing on July 29, 2021
Recommended Action: Approve
Public Comment:

2. Approve Notice of Objection Process Pursuant to Foresthill Public Utility District Ordinance 19-01 and set the date on which staff will present summary of written response to objections

Recommended Action: Approve

Public Comment:

F. ADJOURNMENT:

In accordance with Government Code Section 54954.2(a) this notice and agenda were posted in the District's front window at the Foresthill Public Utility District office, 24540 Main Street, Foresthill, CA 95631 on or before 9:30 PM., May 27, 2021.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the General Manager at (530)367-2511. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting.

Henry N. White, Board Clerk & Ex-Officio Secretary



NOTICE OF PUBLIC HEARING ON PROPOSED REVENUE DECREASE AND RATE STRUCTURE ADJUSTMENTS

This notice provides information about proposed changes to FPUD's water rates and charges and rate structure. The Board of Directors will hold a public hearing and consider public comments before voting on the proposed changes.

HEARING DATE: Thursday, July 29, 2021

TIME: 7:00 p.m.

HEARING: <https://zoom.us/j/93173228201>

Meeting ID: 93173228201

Dial in: 669 900 6833 or 408 638 0968

Summary: Bill Decrease for Most Customers

More than half of all customers (those with average and low use) would see a decrease in their winter bill of about \$8 per month and no increase in summer bills in the first year.

All multi-unit customers would save money, including mobile home parks and apartment complexes.

We Cut Costs and Control Expenses

Cost control is a daily focus of the District; here are some examples that help us keep rates down:

\$1.89 million in benefits from outside water sales since 2015 — This pays for critical water system improvements without using funds from our customers.

We obtained \$1.3 million in grants in may 2021 and \$75,000 in grants last year — funding used to invest in critical water system upgrades and not billed to our customers.

Small staff — Our lean staff of seven are hard at work each day operating the dam, treatment plant, pipelines, pumps, fixing fire hydrants, answering questions, and more.

Long-term planning for cost savings and reliability — We must invest about \$1 million each year to ensure that the water system is always reliable and provides the water you need.

Reducing revenue for the next five years — In addition, the District is proposing to reduce its budget for needed facility upgrades and replacements over the next five years and will seek grants and water sales to make up the difference.

Reasons for the Proposed RATE STRUCTURE Changes

The District periodically reviews its water rate structure to ensure that each class (residential and commercial) of customer continues to pay its fair and proportional share of costs. The cost for serving each class of customers varies over time because of changes in customer water use, state regulations, service costs, and other factors. The last approved rate structure was adopted in 2014.

Reasons for the Proposed RATE Changes

The rate changes are designed to provide the revenue needed to pay all costs of providing safe and reliable water service: operating Sugar Pine Reservoir and the treatment plant, quality testing, pipelines, pumps, customer service, and more. The rates are based on the actual cost of providing service and anticipated costs for maintenance and for upgrading and replacing aging, worn, and outdated facilities.

Details of the Proposed Revenue Decrease and Rate Structure Changes

Examples of How the Rate Changes Will Affect Your Water Bill

To determine the amount of the proposed bill for individual properties, a rate calculator is available on the District's website. You can also contact the District office for help. Below are examples of bills in the first

Type of User	Water Use	Current Bill	Proposed Bill
Residential low use (50% of average) 5/8" connection	5,000 gallons per month	\$88.44	\$80.61
Residential average use 5/8" connection	10,000 gallons per month	\$90.54	\$90.41
Residential high use (2x average) 5/8" connection	20,000 gallons per month	\$106.04	\$110.01
Average dual service	14,000 gallons per month	\$176.52	\$98.25
Non-residential average use 3/4" connection	10,000 gallons / month	\$90.54	\$110.14

Proposed Monthly Fixed Service Charges

Service charges cover the cost to provide customer service for each meter (meter reading, billing, etc.) and the cost of water capacity based on the size of the meter.

MONTHLY FIXED SERVICE CHARGE FOR ALL CUSTOMER CLASSES						
Service Size	CURRENT Charge	PROPOSED Charges				
		Aug. 2021	July 2022	July 2023	July 2024	July 2025
5/8"	\$90.54	\$70.81	\$71.52	\$72.95	\$74.41	\$75.90
3/4"	\$90.54	\$91.20	\$92.11	\$93.95	\$95.83	\$97.75
1"	\$163.87	\$131.98	\$133.30	\$135.97	\$138.69	\$141.46
1 1/2"	\$328.68	\$264.51	\$267.16	\$272.50	\$277.95	\$283.51
2"	\$643.17	\$427.63	\$431.91	\$440.55	\$449.36	\$458.35
4"	\$1,581.35	\$1,854.88	\$1,873.43	\$1,910.90	\$1,949.12	\$1,988.10
6"	\$1,581.35	\$3,587.97	\$3,623.85	\$3,696.33	\$3,770.26	\$3,845.67
8"	\$1,581.35	\$7,156.09	\$7,227.65	\$7,372.20	\$7,519.64	\$7,670.03
Multi-Unit Properties	\$90.54 / month / dwelling unit for 1st unit + \$88.51 per additional unit	Proposed to change from being based on number of dwelling units as currently to be based on service size as above				

Over 65% of customers have a 5/8" service connection.

Only 20 service connections are 2" and above.

Proposed Consumption Charge

As requested by the Community Advisory Committee, the District proposes to simplify the consumption charge. Currently, the District provides credit for water use less than 10,000 gallons and an overage charge for use above 10,000 gallons. Also, Commercial customers paid based on load factor. There is just one consumption charge for all now.

CONSUMPTION CHARGE FOR ALL CUSTOMERS (\$ PER 1000 GALLONS PER MONTH)					
CURRENT	PROPOSED Charges				
	Aug. 2021	July 2022	July 2023	July 2024	July 2025
Credit (\$0.42) for each 1,000 gallons used per month below 10,000 gallons.					
Overage charge (\$1.55) for each 1,000 gallons used over 10,000 per month.	\$1.96	\$1.98	\$2.02	\$2.06	\$2.10

The consumption charge of \$1.96 per 1,000 gallons is equal to 5 gallons per penny.

Understanding the Rate and Rate Structure Changes

In developing the proposed rate changes, the District followed the recommendations of the Community Advisory Committee that met in late 2019, studied the District's rates, and published seven key recommendations.

- 1) Eliminated the multi-unit charge** - All customers now pay based on the size of their service connection rather than the number of units they have.
- 2) Everyone pays the same consumption charge** - FPUD eliminated the mid-day load factors for commercial. Now all customers pay the same consumption charge.
- 3) Eliminate or reduce higher costs for commercial accounts** - Commercial, multi-unit residential, and single-family residential all pay based on the same service connection size and consumption charge.
- 4) Adjust the proportion of costs collected from the current 95% fixed and 5% variable** to 80% fixed cost and 20% variable. Customers who use less water can now more easily lower their water bills because a larger portion of their bill is based on metered water use.
- 5-7) The Board will review the other Community Advisory Committee recommendations before the end of the year:** 5) eliminate or substantially reduce charges for inactive meters; 6) establish a low-income rate assistance program, and; 7) reduce "will serve" or connection fees.

Recognizing the impact of COVID-19, FPUD Reduced its Budget

To minimize the impact on rates, the District's revenue will decrease over the next five years. The District will seek to make up for budget cuts by seeking grants and water sales to outside organizations (temporary water transfers). The District maintains healthy emergency reserves in case there are emergency or unexpected financial needs.

More Details About the Rate Adjustments

The Proposed changes in rates are based on detailed engineering, financial and legal evaluations carried out with the help of recognized experts in water rates. The rates conform to California law requiring that each class of customers (residential and commercial) pay their proportionate share of the cost to serve them.

The maximum rates that may be imposed are shown in this document - Before implementing the rates, the Board of Directors may choose to implement the full amount or less but not more.

If approved, the new rates and rate structure changes will go into effect on August 15, 2021.

BOARD OF DIRECTORS:

Mark Bell, President | Patty Wade, Vice President | Jane Stahler, Director | Robert Palmeri, Director

GENERAL MANAGER:

Hank White



24540 Main Street.
Foresthill, CA 95631

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NOTICE OF PUBLIC HEARING ON PROPOSED REVENUE DECREASE AND CHANGES TO THE RATE STRUCTURE

Where to Learn More, Get Answers, and Make Comments

CONTACT US: Phone: (530) 367-2511 or email:
customerservice@foresthillpud.com.

VISIT OUR WEBSITE: www.foresthillpud.com

OTHER OPPORTUNITIES: The District is planning additional outreach on rates before the hearings. Contact the District or check the website for information.

PARTICIPATE IN VIRTUAL BOARD HEARINGS. The Board will review and consider adopting the rate increases and rate structure modifications on Thursday, July 29, 2021 at 7:00 p.m.

At the public hearing on July 29, 2021, Foresthill will hear and consider all public comments regarding the rates and fees (including oral comments), but only written protests submitted in accordance with the criteria above will be considered when determining whether a majority protest against the imposition of proposed rates and fees exists. One protest per parcel will be tabulated and if the total protests exceed fifty percent of the ratepayers then the water rate increase may not be adopted as proposed.

How to Oppose the Proposed Changes

If you oppose the proposed Foresthill water rate changes, your protest must be submitted in writing to the General Manager and indicate it is a protest to the Foresthill rates. Written protests may be mailed to the Foresthill Public Utility District P.O. Box 266, Foresthill, CA 95631, hand-delivered to the Foresthill Public Utility District at 24540 Main Street, Foresthill, CA 95631, or submitted during the public hearing on July 29, 2021. Mailed pro-tests must be received by the district by the time and the date of the public hearing on July 29, 2021 to be considered. **All other written protests must be received prior to the close of the public comment portion of the public hearing on July 29, 2021.** In order to be valid, a protest must clearly bear (1) the date, (2) designation of parcel address or parcel number, (3) printed name of the person submitting the protest, and (4) original signature of the record owner or trustee, or authorized signatory of a corporation/partnership, or customer of record (person whose name is printed on the water bill) of the property identified on the protest. Protests not bearing the original signature shall not be counted. Protests which have been altered by someone other than the person who signed them shall not be counted. Protests can be withdrawn upon written notice of intent to do so submitted before the close of the public comment portion of the public hearing. In accordance with the California Constitution, only one protest will be counted per parcel. Protests will be disclosable public records once received by the District.



FORESTHILL PUBLIC UTILITY DISTRICT

Water Rate Study

May 26, 2021
Final Report



FORESTHILL PUBLIC UTILITY DISTRICT

2450 Main Street
Foresthill, CA 95631



WATER RATE STUDY

May 26, 2021
Final Report

HF&H CONSULTANTS, LLC

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Walnut Creek, CA 94596





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HF&H CONSULTANTS, LLC
Managing Tomorrow's Resources Today

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Robert C. Hilton, CMC

May 26, 2021

Mr. Hank White
General Manager
Foresthill Public Utility District
24540 Main Street
Foresthill, CA 95631

Subject: Water Rate Cost-of-Service Study -Draft Report

Dear Mr. White:

HF&H is pleased to submit this cost-of-service report to the Foresthill Public Utility District. The rates proposed in this report reflect the current and projected cost of providing service for the next five years, FY 2021-22 through FY 2025-26. We greatly appreciate your assistance in developing the cost-of-service analysis.

Very truly yours,

HF&H CONSULTANTS, LLC

Rick Simonson, Senior Vice President
Gabe Sasser, Senior Associate

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GLOSSARY

AWWA – American Water Works Association.

CCF – Hundred cubic feet (see HCF below).

CIP - Capital Improvement Program.

COS - Cost of Service.

EDU – Equivalent Dwelling Unit.

EMU – Equivalent Meter Unit.

FY - Fiscal Year.

FYE – Fiscal Year Ending.

O&M - Operating and Maintenance, in reference to the costs of running facilities.

PAYGo - Pay-As-You-Go, in reference to funding capital improvements from cash rather than from borrowed sources such as bonds or loans.

R&R – Repair and Replacement.

Service Charges – Fixed charges paid per account regardless of the amount of water used. The charge is proportionate to the capacity of the customer’s service.

tGal – Thousand gallons

ACKNOWLEDGEMENTS

District Board of Directors

Mark Bell, President
Patty Wade, Vice President
Robert Palmeri, Director
Jane Stahler, Director

District Staff

Hank White, General Manager
Addie Poulos, Administrative Assistant
Roger Carroll, Finance Manager

HF&H Consultants, LLC

Rick Simonson, C.M.C., Vice President
Gabe Sasser, Senior Associate
Geoffrey Michalczyk, Senior Associate

LIMITATIONS

This document was prepared solely for the Foresthill Public Utility District in accordance with the contract between the District and HF&H and is not intended for use by any other party for any other purpose. In preparing this study, we relied on information from the District, which we consider accurate and reliable.

Rounding differences caused by stored values in electronic models may exist.

This document represents our understanding of relevant laws, regulations, and court decisions but should not be relied upon as legal advice. Questions concerning the interpretation of legal authorities referenced in this document should be referred to a qualified attorney.

I. EXECUTIVE SUMMARY

OVERVIEW

HF&H Consultants, LLC (HF&H) was retained by Foresthill Public Utility District (District) to conduct a cost of service (COS) analysis and water rate study. The District engaged HF&H to evaluate their current rate structure and update their water rates for a five-year period from FY 2021-22 through FY 2025-26. This section summarizes the findings and recommendations in this report.

In preparing this water rate study, expenses, revenues, and reserves were projected for a five-year planning period through FY 2025-26. The rates derived in this five-year period will be used for setting rates under Art. XIID, Sec. 6 of the State Constitution.¹

The following findings and recommendations were made, which result in the proposed water rate structure and subsequent rates. It is expected that the first rate increase will be effective August 15, 2021 with future rate increases effective each July 1 over the following four-year period, beginning July 1, 2022.

FINDINGS & RECOMMENDATIONS

In preparing this water rate study, the following findings were made.

1. **Operating and Maintenance costs.** Operating and Maintenance (O&M) expenses (labor, utilities, maintenance, regulatory compliance, etc.) are based on the District's Board-adopted FY 2021-22 operating budget which is projected to increase by an average of 2.9% per year through the five-year planning period. The detailed annual O&M expenses are shown in detail in Table 2 of the rate model included in the Appendix.
2. **Capital costs.** The District prepared a Capital Improvement Plan (CIP) through FY 2025-26 (in 2021 dollars) driven by a focus on improvements to distribution and transmission assets. The District plans to spend \$6.4 million over the next five fiscal years, an average of \$1.28 million per year.

The District plans to fund these projects through a combination of connection fees from new customers, grants, the sale of surplus water, and water rate revenue. The proposed water rates resulting from this rate study include funding an average of approximately \$428,000 per year in capital projects, the remaining costs will

¹ This law was enacted by Proposition 218 in 1996. The law contains procedural and substantive requirements that apply to property-related fees and charges such as water rates. The law exempts connection charges, which instead are governed by Section 66000 of the Government Code.

be funded through connection fees, grants, and/or surplus water sales. If the connection fee, grant, and surplus water sales revenue received in any given year are not sufficient to complete the budgeted project(s), the project(s) will be deferred.

3. **Revenue from existing rates.** Annual revenue generated from existing rates is sufficient to cover the District’s budgeted FY 2021-22 operating and capital expenses described above. As a result, overall revenue generated from customer water rates can be reduced by 12% in FY 2021-22. Because the rate adjustments are proposed to go into effect in mid-August, the actual decrease in rate revenue for FY 2021-22 will be 10%, as revenues during the first two months of the fiscal year (July and August) will be at current rates.

It should be noted that the ability to adopt new rates which will generate 10% less revenue in FY 2021-22 (saving rate payers money), is a direct result of the District’s decision to commit to fund a substantial amount of capital projects by aggressively pursuing grant funding and through revenues generated by selling surplus water. Had the needed capital projects been assumed to be solely funded with water rate revenue from rate payers, the rate revenues would have needed to increase.

The proposed rates discussed in this report reflect such a reduction in total revenue; however, the rate structure changes also being recommended (discussed in Section IV), which better aligns the rates with the cost-of-service and meets the District’s rate setting objectives, will result in some customer bills decreasing less than the 12%, or increasing, while other customer bills will decrease greater than 12%. The rate structure change will take effect with the mid-August 2021 rate adjustments, no further rate structure changes are proposed to be made through the end of the five-year planning period. As such, the annual percentage changes in rates (effective each July 1 of each subsequent year), as shown in **Figure ES-1**, will be applied across-the-board to all then-current water rates.

Figure ES-1. Changes in Annual Rate Revenue

Fiscal Year	Rate Adjustments	Date of Rate Adjustment	Revenue After Rate Adjustments	Change in Revenue
Current Revenue at Current Rates			\$2,868,017	
FY 2021-22	various	Aug. 2021	\$2,583,212	-10%
FY 2022-23	1%	July 2022	\$2,553,039	-1%
FY 2023-24	2%	July 2023	\$2,606,114	2%
FY 2024-25	2%	July 2024	\$2,660,293	2%
FY 2025-26	2%	July 2025	\$2,715,598	2%

4. **Fixed Service Charge revisions.** While most of the District’s current service charges are proportional to the design capacity of the meter size used, there are a

few exceptions. Currently, meters sized 5/8" and 3/4" are charged the same, and the same is true for all meter sizes exceeding 2". The proposed charges would be graduated in proportion to the capacity of the service (i.e., meter-size).

A comparison of proposed and existing service charge rates is provided in **Figure ES-2**. The rate adjustment percentage increases shown in **Figure ES-1**, have been applied to calculate rates for the next five fiscal years. Monthly bills are the sum of both the fixed service charges and consumption charges multiplied according to usage (discussed in Item #5).

Figure ES-2. Current and Proposed Service Charges (\$/month)

Service Size	Current (\$/month)	Proposed (\$/mo; All Customer Classes)				
		Aug. 2021	Jul. 2022	Jul. 2023	Jul. 2024	Jul. 2025
5/8"	\$90.54	\$70.81	\$71.52	\$72.95	\$74.41	\$75.90
3/4"	\$90.54	\$91.20	\$92.11	\$93.95	\$95.83	\$97.75
1"	\$163.87	\$131.98	\$133.30	\$135.97	\$138.69	\$141.46
1 1/2"	\$328.68	\$264.51	\$267.16	\$272.50	\$277.95	\$283.51
2"	\$643.17	\$427.63	\$431.91	\$440.55	\$449.36	\$458.35
4"	\$1,581.35	\$1,854.88	\$1,873.43	\$1,910.90	\$1,949.12	\$1,988.10
6"	\$1,581.35	\$3,587.97	\$3,623.85	\$3,696.33	\$3,770.26	\$3,845.67
8"	\$1,581.35	\$7,156.09	\$7,227.65	\$7,372.20	\$7,519.64	\$7,670.03

- Consumption charge revisions.** The District currently provides a monthly allotment to all customers based on meter size or number of dwelling units. Customers are billed based on two uniform consumption charge rates, known as "overage" and "credit", in relation to their actual usage versus their monthly allotment. Under the ratemaking proposal, the District would bill all customers on a uniform consumption charge rate and discontinue minimum monthly allotments. All customers will pay based on the first gallon of usage. **Figure ES-3** summarizes the current and proposed consumption charge rates. Percentage increases shown in **Figure ES-1**, have been applied to calculate rates for the next five fiscal years.

Monthly bills are the sum of both the service charge rate (Item #4 above) and the consumption charge rate multiplied by a customer's respective water use during the month.

Figure ES-3. Current and Proposed Consumption Charge Rates

Consumption Charge	Current (\$/tGal/month)	Proposed (\$/tGal/month; All Customers)				
		Aug-21	Jul-22	Jul-23	Jul-24	Jul-25
All customers	Credit (\$0.42)	\$1.96	\$1.98	\$2.02	\$2.06	\$2.10
	Overage \$1.55					

- Reserve fund targets.** Rates are set to generate a constant level of revenue to maintain reserves at adequate levels. At the same time that revenue from rates is added

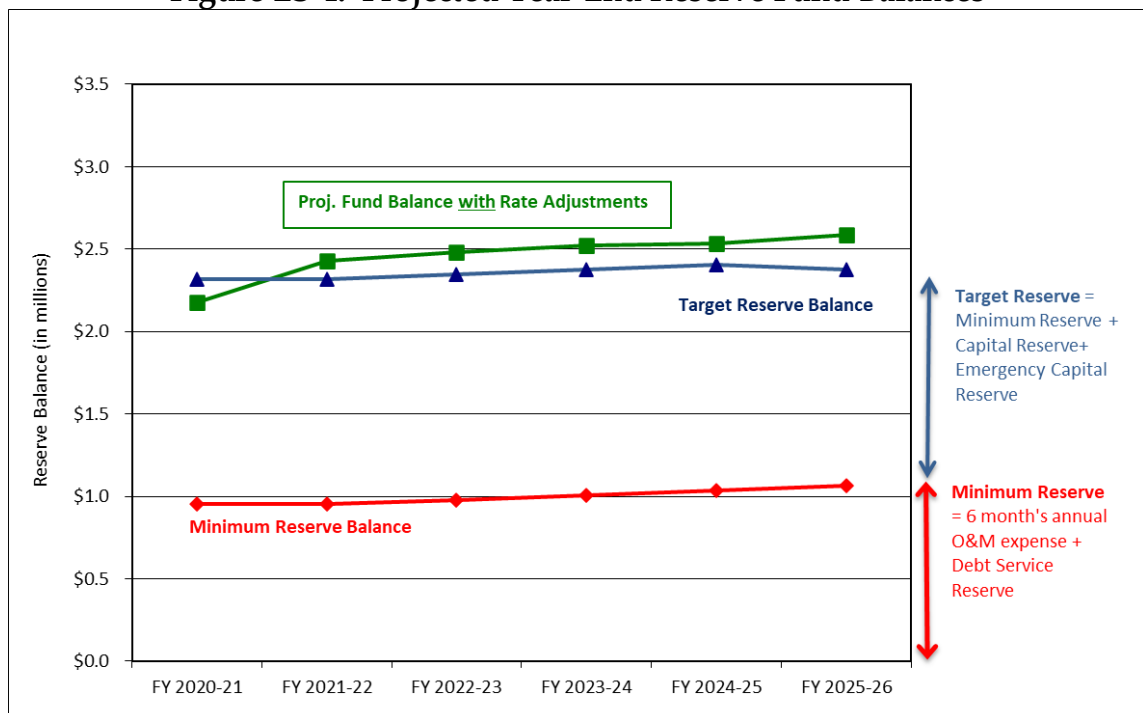
to reserves, reserves are drawn down to fund capital projects whose costs vary from year to year. In effect, reserves are used to buffer rates from varying levels of capital expenditures and unforeseen variances in operating expenditures. To determine what constitutes adequate reserve amounts for rate making purposes, we determine separate operating and capital reserve targets.

The operating reserve provides working capital for monthly O&M expenses. We agree with the District’s current policy requiring an operating reserve of six months of O&M expenses. This is adequate to cover potential cash flow lags between when the District incurs expenses and when it receives revenue from monthly billings. Furthermore, the operating reserve will accommodate uneven expense and revenues throughout the year.

The capital reserve provides liquidity to fund construction for projects that are funded on a PAYGo basis (as opposed to those that are funded from debt). With adequate capital reserves, the District is able to pay contractors without encroaching on the operating reserves. For purposes of this study, we recommend a target capital reserve balance equal to the District’s average annual water-rate funded capital expenditures. In addition, we recommend maintaining an additional \$600,000 in the District’s capital reserve for emergency capital repair purchases.

- Reserve fund balance.** With the recommended rate changes in **Figures ES-2 and ES-3**, the District’s reserve fund balance (solid green line) will meet or exceed the District’s reserve target throughout the five-year financial planning period.

Figure ES-4. Projected Year-End Reserve Fund Balances



8. **Water Rate Implementation.** This report documents the rates proposed for adoption by the District, as shown in **Figures ES-2** and **ES-3**, above. In accordance with Proposition 218, the District may adopt the rates for the five-year financial planning period once all property owners have been notified of the proposed rates and the public protest hearing has been conducted, no earlier than 45 days after the mailing of the notices.

The proposed rate plan would maintain adequate reserves for cash flow and emergency purposes. Actual revenues and expenses may differ from the projections included in the five-year financial model (included in **Appendix**), which is the basis for these proposed rate increases. Each year, as part of the annual budget process, the District would confirm the need for the next incremental rate change. The District can implement a lower rate increase, if supported by the financial forecast, without conducting the Proposition 218 protest process.

II. INTRODUCTION

BACKGROUND

The District provides treated water services to the community of Foresthill, located in Placer County. Currently the District serves just over 2,000 residential and non-residential metered accounts across an approximate service area of 13,000 acres. The District owns and operates its own plant which treats all raw water captured by the Sugar Pine Reservoir. The District assumed ownership of Sugar Pine Reservoir in 2003.

The previous rate study occurred in 2014 and covers FY 2014-15 through FY 2018-19. This study also included a cost-of-service analysis. In the past, the District was in a precarious financial position and structured their rates to mitigate this risk.

STUDY PURPOSE

The purpose of this study is to conduct a cost-of-service analysis that will determine rates that proportionally recover the cost of providing Foresthill's water service. Toward that end, the cost-of-service analysis determines how much revenue should be generated by each component of the rate structure so that rate payers within each customer category are charged for their proportionate share of the cost of providing service on a parcel basis. The cost-of-service analysis has been tailored specifically to the District's customer classes and the rate structures that are appropriate for each category. Rate re-structuring was pursued while ensuring the District would maintain adequate reserves to support continued operations and capital infrastructure repair and replacements.

STUDY PROCESS

A comprehensive rate study comprises three steps. Revenue requirement projections determine how much revenue is needed from rates. Cost-of-service analysis determines how much of the revenue should come from fixed and variable charges. Rate design determines the structure of the fixed service charges and the variable consumption charges for each customer category. The study process also considered recommendations made by the Community Advisory Committee.

The cost-of-service analysis considers industry practices described by the American Water Works Association.² At the outset of the analysis, the types of customer classes were reviewed, as were the types of rate structures that are appropriate to the District's customer categories. Customer meter records, water usage data, and District policies were also reviewed to hone our analysis.

² *Principles of Water Rates, Fees, and Charges*. American Water Works Association Manual M1, 7th Edition.

REPORT ORGANIZATION

The report contains six sections:

1. **Executive Summary** – Summarizes our findings and recommendations.
2. **Introduction** – Provides context for the study.
3. **Revenue Requirements** – Documents the annual revenue requirements and increases in rate revenue for the five-year planning period from FY 2021-22 through FY 2025-26.
4. **Cost-of-Service Analysis** – Documents the allocation of costs to be recovered by the fixed service charge and the consumption charges.
5. **Rate Design** – Documents the derivation of the rates.
6. **Customer Bill Impacts** - Provides a comparison by meter size and usage of current and proposed rates, assuming monthly usage.

In addition to the report sections, you may refer to these additional sections for guidance:

- A. **Table of Contents**
- B. **Glossary**
- C. **Appendix** - Contains a copy of the rate model.

III. REVENUE REQUIREMENTS

To determine whether additional rate revenue is required, projected operating and capital expenses are compared with projected revenue from current rates. Annual surpluses or deficits are then applied to the reserve funds. Rates are then adjusted so that the expenses are covered, and reserve targets are met.

A spreadsheet model was developed to derive revenue requirements for FY 2021-22 through FY 2025-26. The revenue requirements represent the costs that must be covered by revenue from rates and other sources. The District’s Board-approved operating and capital budget for FY 2021-22 served as the starting point for projecting the District’s expenses and revenues.

The derivation of future rates builds on the trend analysis described later in this report. In setting future rates, expenses, revenues, and reserve balances are forecasted. This projection reflects the District’s rate-making objectives. The financial planning model that was developed to make these projections reflects the current understanding of the District’s circumstances, discussed in the following sections.

REVENUE REQUIREMENT ASSUMPTIONS AND PROJECTIONS

Expense projections combined with contributions to reserves become the revenue requirements. The District’s Board-approved operating budget was relied on for the FY 2021-22 expenses in the first year of the financial-planning period. Working with District staff, inflationary factors were developed based on recent historical results. The assumptions shown in **Figure III-1** were used to project the District’s revenue requirements through FY 2025-26.

Figure III-1. Projection Assumptions

	Budget		Projected		
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
a Annual EMU Growth Rate	0.00%	0.00%	0.00%	0.00%	0.00%
Annual Additional EMUs	0	0	0	0	0
Total EMUs End of Year	2,585	2,585	2,585	2,585	2,585
b General Inflation	Budget	2.00%	2.00%	2.00%	2.00%
c Salaries & Wages	Budget	3.00%	3.00%	3.00%	3.00%
d Benefits	Budget	4.50%	4.50%	4.50%	4.50%
e Construction Cost Inflation	Budget	3.31%	3.31%	3.31%	3.31%
f Interest on Fund Balance	1.50%	1.50%	1.50%	1.50%	1.50%
g Bad debt as a % of rate revenue	0.0%	0.0%	0.0%	0.0%	0.0%
h Annual connection fee revenues	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000
i Utilities	Budgeted	3.0%	3.0%	3.0%	3.0%

Labor and Operations Expenses

These cost categories include direct salaries and benefits, materials and services, contract services, and overhead. These expenses are projected to increase an average of 2.9% per year

during the projection period. Details of budgeted and projected expenses are provided on Table 2 of the rate model included in the Appendix.

Debt Service

The District has annual debt service of approximately \$340,000. Approximately half of the annual debt service was incurred to acquire the Sugar Pine Reservoir, to improve the District’s water reliability. The other portion of the debt service is a result of funding system improvements and investments in improving fire flow to better serve the public. The annual debt service payments are partially offset by assessment revenues. Projections of the District’s net debt service payments, to be funded through water rates, are summarized in **Figure III-2**.

Figure III-2. Debt Service (Water Rate Funded)

	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
Assessment District No. 2 Debt Service					
2017 Water Revenue Bond	\$86,814	\$86,723	\$86,772	\$86,752	\$86,876
2017 Limited Obligation Refunding Bond	\$82,738	\$82,869	\$82,947	\$82,006	\$81,946
Assessment District Revenue	(\$82,239)	(\$82,239)	(\$82,239)	(\$82,239)	(\$82,239)
District Enterprise Fund					
2014 Water Loan Agreement - Sugar Pine Reservoir	\$168,583	\$171,333	\$173,383	\$169,852	\$111,981
Net Debt Service Funded with Water Rates	\$255,896	\$258,686	\$260,863	\$256,371	\$198,563

The District does not plan on issuing additional debt to fund capital improvement projects during the five-year planning period.

Capital Improvements

Rates need to generate enough revenue to cover annual operating and capital repair and replacement expenses. However, rates are not set to exactly match cash expenditures because cash expenditures can fluctuate and the District may receive funds from other sources (e.g., grants, surplus water sales). Reserves are used to cover the difference so that rate increases are smooth and gradual. In order to maintain adequate reserves to help modulate rates, the revenue requirements include contributions to reserves. The contributions to reserves represent additional revenue from water rates that is needed to maintain adequate operating and capital reserves.

The District’s current level of reserves has enabled it to pay down its existing debt service and pursue capital improvements without additional debt funding. The District intends to continue paying for capital infrastructure projects on a Pay-As-You-Go (PAYGo) basis (using water rate revenue, grants, connection fees, and surplus water sales revenue), rather than incurring additional debt.

Facilities the District has constructed to provide water service will depreciate and eventually need to be replaced. The District has conducted periodic facility condition assessments to prioritize and address long-term capital projects via its Capital Improvement Program (CIP).

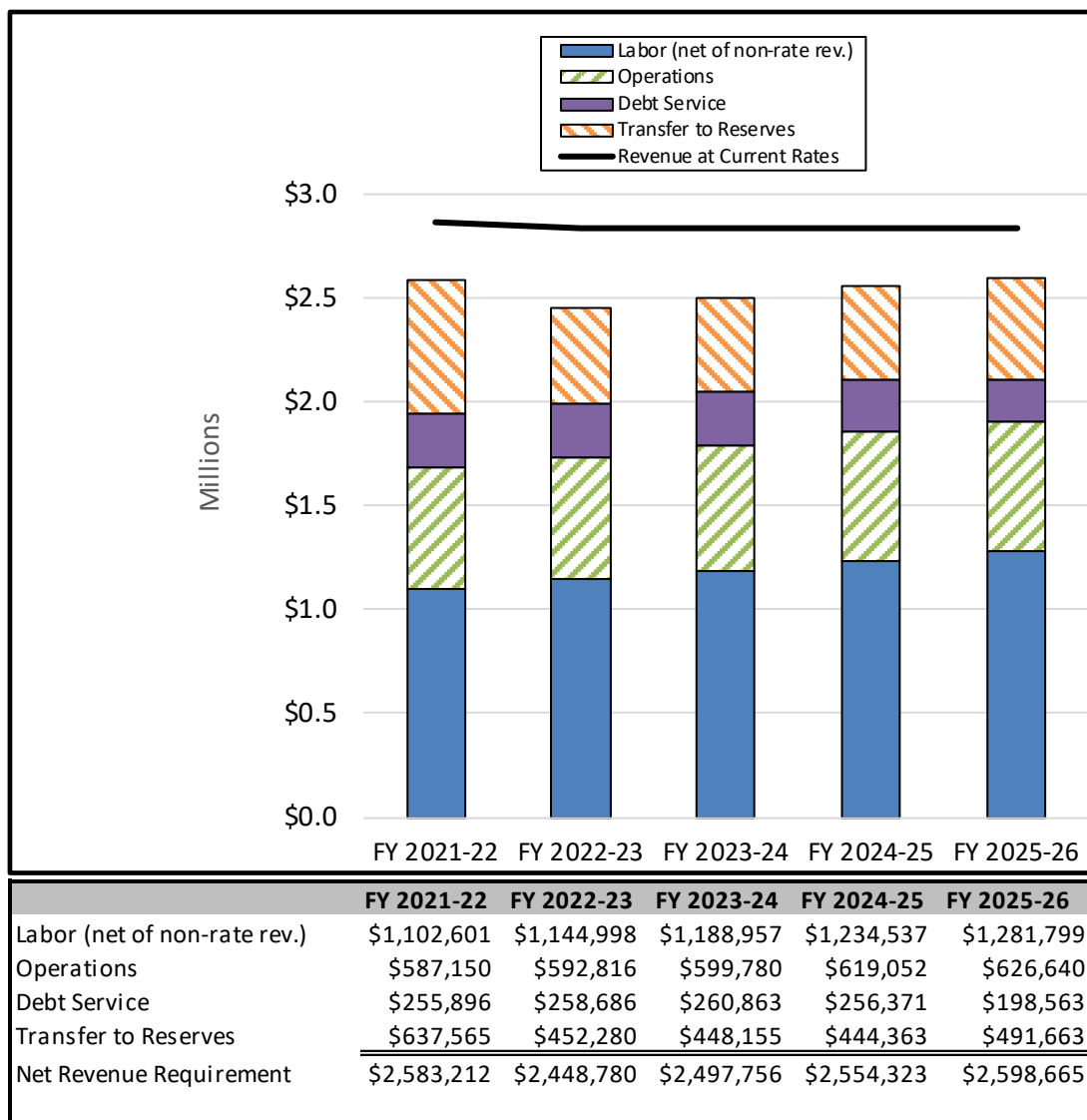
Based on these condition assessments and District capital outlay plans, the revenue requirement projections show approximately \$6.4 million in capital projects over the next 5 years are necessary, as shown in Figure III-3. The projections include an annual inflationary adjustment of 3.3% based on the average annual increase in the Construction Cost Index published by Engineering News-Record over the past ten years. The District plans to fund these projects through a combination of grants, the sale of surplus water, and water rate revenue. The proposed water rates from this rate study include funding an average of \$427,385 per year in capital projects, the remaining project costs will be funded through grants or surplus water sales. If the grant or surplus water sales revenue received in any given year are not sufficient to complete the budgeted project, the project will be deferred.

Figure III-3. Projected Capital Improvement Plan

Project Description	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Total Project Cost
Sugar Pine Dam & Reservoir						
Water Right Permit Extension	\$85,000					\$85,000
Piezometers	\$100,000					\$100,000
Deformation Survey and monuments		\$50,000				\$50,000
Regulatory Expenses						
Cost of Service Study	\$45,000					\$45,000
Treatment Plant						
Auxiliary Generators	\$100,000		\$100,000			\$200,000
Scaffold system for filters	\$20,000					\$20,000
Control Panel Rehabilitation		\$100,000				\$100,000
SCADA/GIS		\$100,000				\$100,000
Lime system rehabilitation	\$60,000					\$60,000
Rehabilitate storage tank			\$500,000			\$500,000
Asphalt sealing (51,000 sq-ft)	\$30,000					\$30,000
** Eq/Inventory building		\$100,000	\$100,000			\$200,000
TL 2300 Turbidity Meter	\$5,000					\$5,000
Transmission & Distribution						
Ditch Witch Vacuum Trailer		\$120,000				\$120,000
Auxiliary Storage Tank					\$1,000,000	\$1,000,000
Sierra View Lane Pipe Replacement	\$1,000,000	\$1,000,000				\$2,000,000
Remaining Pipes (Distribution)				\$800,000		\$800,000
Pressure Relief Stations QTY 36	\$90,000	\$50,000	\$40,000	\$40,000	\$40,000	\$260,000
Sample stations	\$5,000					\$5,000
Administration						
Computers & Software	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000
Billing Software	\$10,000					\$10,000
Facilities/Repairs (Paint & back office)	\$15,000	\$5,000	\$5,000	\$5,000	\$5,000	\$35,000
Equipment/Vehicles						
Vehicle Fleet (7)	\$60,000		\$60,000		\$60,000	\$180,000
Backhoe	\$150,000					\$150,000
Project Costs	\$1,779,000	\$1,529,000	\$809,000	\$849,000	\$1,109,000	\$6,075,000
Inflation Adjustment (3.3% annually)	100.0%	103.3%	106.7%	110.3%	113.9%	
Escalated Total Project Costs	\$1,779,000	\$1,579,634	\$863,469	\$936,171	\$1,263,363	\$6,421,637
Less: Non-Water Rate Funding Sources						
Connection Fees	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$105,000)
Grants or Surplus Water Sales	(\$1,358,000)	(\$1,145,388)	(\$415,537)	(\$474,101)	(\$786,686)	(\$4,179,712)
Total Capital Funded with Water Rate Revenue	\$400,000	\$413,246	\$426,932	\$441,070	\$455,677	\$2,136,925
<i>Average Annual Capital Spending Funded through Water Rates</i>						\$427,385

The application of the assumptions in **Figure III-1** and inclusion of the capital expenses, to be funded with water rate revenue described above, comprise the revenue requirements shown in **Figure III-4**.

Figure III-4. Net Revenue Requirement Projections



Revenue from Current Rates

As shown in **Figure III-4**, revenue from current rates is projected to be greater than the annual projected revenue requirements during the five-year planning period. As a result, overall revenue generated from customer water rates can be reduced by 12% in FY 2021-22. The proposed rates discussed in this report reflect such a reduction in total revenue; however, the rate structure changes also being recommended (discussed in **Section V**), will result in some customer bills decreasing less than the 12%, or increasing, while other customer bills will decrease greater than 12%.

It should be noted, the revenue at current rates reflects a sustained reduction in water demand of 20% in FY 2022-23, as a result of current drought conditions and potential changes in water demand, as some customers will experience bill increases as a result of the rate restructure.

RESERVE FUNDS

Rates are set to generate sufficient revenue to cover annual expenses. In addition, rates are set to maintain adequate reserves.

Operating Reserve

The District's reserve policy states that the minimum operating reserve balance will equal six months' annual O&M expense plus the debt service reserve. It is essential to not drop below this minimum balance to ensure adequate cash flow is available to the District throughout the year. Maintaining the minimum balance for the operations reserve is recommended as the highest priority for the District.

Debt Service Reserve

The purpose of a debt service reserve is to provide funding to avoid defaulting on any existing loans if the District failed to make a loan payment. We recommend maintaining a full year's loan repayment. As such, the District's target debt service reserve is between \$280,802 and \$338,135 depending on the specific fiscal year.

Capital Reserve

Just as working capital is needed to pay on-going O&M expenses, working capital is also needed to fund construction of water rate-funded (i.e., as opposed to debt-funded, grant-funded, etc.) capital projects. For purposes of this study, we recommend a Capital Reserve target equal to the average annual water-rate-funded capital expenses (\$427,000).³

Emergency Reserve

Should a District asset unexpectedly fail, this reserve will provide funding toward replacement or repair. In light of the District's decision to assume a significant amount of funding for capital projects will need to come from connection fees, grants, and/or revenue from the sale of surplus water, all of which are not guaranteed to materialize, we recommend maintaining an additional reserve amount for emergency repair and replacement purposes. As such, the reserve balance target includes an emergency reserve amount of \$600,000 (in addition to the operating, debt, and capital reserve targets discussed above), which is equal to 2% of the book value of the District's existing assets.

REVENUE CHANGES

The required revenue changes are determined by comparing the revenue from existing rates with the revenue requirements. Rate revenue is then adjusted to reduce or eliminate deficits

3

or surpluses, provide adequate debt coverage, and maintain reserves. As shown in **Figure III-4**, annual revenue generated from existing rates is sufficient to cover the District’s budgeted FY 2021-22 operating and capital expenses described above. As a result, overall revenue generated from customer water rates can be reduced by 12% in FY 2021-22. Because the rate adjustments are proposed to go into effect in mid-August, the actual decrease in rate revenue for FY 2021-22 will be 10%, as revenues during the first two months of the fiscal year (July and August) will be at current rates.

Figure III-5 summarizes the proposed annual rate changes and resulting changes in revenue generated. In FY 2021-22, the percentage rate increase varies among customers, because of rate structure modifications. In subsequent years, the rate adjustments are applied across the board to all rates.

Figure III-5. Projected Revenue Increases

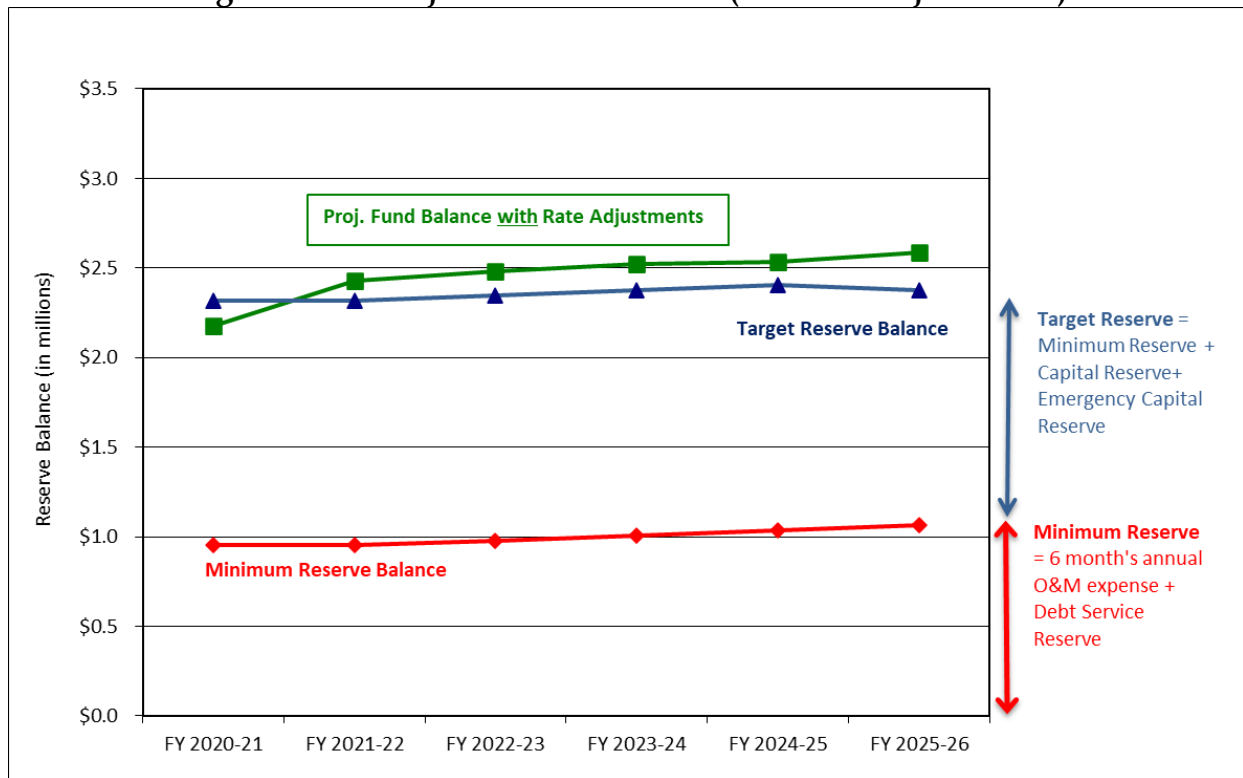
Fiscal Year	Rate Adjustments	Date of Rate Adjustment	Revenue After Rate Adjustments	Change in Revenue
Current Revenue at Current Rates			\$2,868,017	
FY 2021-22	various	Aug. 2021	\$2,583,212	-10%
FY 2022-23	1%	July 2022	\$2,553,039	-1%
FY 2023-24	2%	July 2023	\$2,606,114	2%
FY 2024-25	2%	July 2024	\$2,660,293	2%
FY 2025-26	2%	July 2025	\$2,715,598	2%

RESERVE FUND BALANCE

Figure III-6 shows (solid green line) the annual fluctuations in the fund balance that are caused by the differences between the revenue requirement and revenue from rates with the rate increases; the dashed green line is the projected fund balance without the rate adjustments. The revenue and rate adjustments in **Figure III-5** were derived to maintain the fund balance at or slightly above the target reserve. Maintaining a fund balance near the target reserve, will ensure the District has adequate cash flow for operations and reserves to pay for planned capital improvements and unplanned emergencies.

Figure III-6 contains two target lines. First, the Minimum Reserve balance (red line) is equal to six month’s annual O&M expense plus the debt service reserve. It is essential to not drop below this minimum balance to ensure adequate cash flow is available to the District throughout the year. Second, the Target Reserve (blue line) is the sum of the Capital Reserve and Emergency Reserve added to the Minimum Reserve balance.

Figure III-6. Projected Fund Balance (after rate adjustments)



IV. COST OF SERVICE ANALYSIS

GENERAL APPROACH

The revenue requirement analysis establishes how much revenue is required from rates. The next step in the analysis is determining the cost of service. Cost-of-service analysis (COS) is used to derive rates that proportionally allocate the cost of service. This study uses the base/extra capacity method to allocate the cost of service to the fixed (service charge) and variable (consumption charge) rate components. The District has historically charged water customers the combination of a fixed service charge and a variable consumption charge based on metered water use in relation to a minimum monthly water allotment. This chapter explains the derivation of the revised service charge and consumption rates that will proportionally generate sufficient revenue to cover the operating and capital costs of the District, as well as maintain a reasonable reserve balance.

Analytical Procedure

The cost-of-service analysis in this study involved a series of steps that allow for reasonable cost allocations. Costs are first classified according to the associated function. Functions provide the level of service required by customers. The cost of functions can be allocated in proportion to the service provided.

1. **Service function cost classification** – Revenue requirements need to be converted into service function cost categories, which conversion is needed for allocating costs that will be used for calculating rates.
2. **Demand service function allocation percentages** – Base and extra capacity allocation factors are needed to apportion costs related to the demand service functions and to customer categories.
3. **Service function allocations** – Costs from Step 1 are allocated to the demand and customer service functions from Step 2.

The steps constitute the cost-of-service analysis, which converts the revenue requirement for FY 2021-22 of \$2,583,263 (as shown in **Exhibit III-4**) into service charge rates and consumption charge rates.

Service Function Cost Classification

After determining a utility’s revenue requirements, the COS analysis begins by aligning the budget items with the associated function. For example, some cost items are related to functions that support the ability to meet base and peak water demands while other costs are incurred to provide customer service. In other words, “function” refers to the type of operational activity or capital cost needed to provide service. Organizing the budget by functions correlates budget items with the rate (fixed service charges or consumption charges) that will fund the cost.

The service functions for each cost category determine how the capital and O&M costs are allocated. The service functions fall into two categories:

- **Demand service function** - functions related to delivering water to customers at varying levels of demand. These costs will be recovered from the consumption rates.
- **Customer service function** - functions related to customer service and “reserved” capacity. These costs will be recovered from the service charge rates.

The cost of these service functions is derived from the District’s Board-approved FY 2021-22 budget. **Figure IV-1** shows the classification of the budgeted operating and capital expenses and non-operating revenues by service function, organizing them into O&M, Capital, Debt Service, and Non-Operating Revenue categories. The proposed rates are designed to generate 80% of revenue from the service charge and 20% of revenue from the consumption charge.

Figure IV-1. FY 2021-22 Revenue Requirement by Service Function

Cost Categories	Consumption Charge	Service Charge	FY 2021-22 Revenue Requirement
O&M Expenses by Function			
Source of Supply	\$27,908	\$33,768	\$61,676
Pumping	\$18,498	\$22,381	\$40,879
Treatment	\$104,106	\$125,964	\$230,070
Distribution	\$186,253	\$225,360	\$411,613
Customer Service	\$0	\$484,029	\$484,029
Regulatory Compliance	\$0	\$350,600	\$350,600
Management and Administration	\$0	\$324,884	\$324,884
Total O&M Expenses	\$336,765	\$1,566,986	\$1,903,751
Total Capital Expenses (Debt Service)	\$0	\$87,313	\$87,313
Sugar Pine Debt Service	\$0	\$168,583	\$168,583
Capital Expenses (PayGo) by Function			
Source of Supply	\$4,987	\$6,035	\$11,022
Pumping	\$0	\$0	\$0
Treatment	\$45,144	\$54,623	\$99,767
Distribution	\$130,975	\$158,475	\$289,451
Customer Service	\$0	\$25,122	\$25,122
Regulatory	\$0	\$2,024	\$2,024
Total Capital Expenses	\$181,106	\$246,278	\$427,385
Net Non-Operating Revenue (Rev)/Exp	\$0	(\$3,820)	(\$3,820)
Total Revenue Requirement	\$517,871	\$2,065,341	\$2,583,212
% of Total	20%	80%	

V. RATE DESIGN

GENERAL

The proposed rate design simplifies the District’s rate structure in accordance with rate setting objectives of the District staff, board, and citizens advisory committee. In summary, the proposed rates:

1. Eliminate the various allotments of water included in the fixed service charges, which varied by meter size and essentially provided more water to customers with larger meters, who put more demands on the system.
2. Replaces the per-unit charge for multi-unit customer classes (e.g., mobile homes, apartments) with a fixed service charge based on their meter size, which is consistent with all other customers.
3. Reduces the amount of revenue generated by the fixed service charges (from 95% to 80%) and increases the amount of revenue generated by the consumption charges (from 5% to 20%). With this revised proportionality that increases the weight given to variable charges, customers would have more control over their monthly bill. Customers who reduce their water use will reduce their variable cost compared to customers who increase their water use.

FIXED SERVICE CHARGE RATE DESIGN

Service charge rates are fixed rates charged per account that are billed each billing period to recover the cost of the customer service function. The service charge rates are graduated in proportion to the capacity of the service connection serving a property. Service charge rates are independent of customer categories (e.g., single-family residents, multi-unit complexes, commercial businesses, schools) because the maximum potential demand capacity of a service connection varies by meter size. As such, the proposed fixed service charges would vary for all customers based on the size of the service connection serving the property. Service charges cover the cost to provide customer service for each connection (e.g. meter reading, billing, etc.) and the cost of overall water system capacity needed to meet maximum potential demand from each meter size, regardless of the number of dwelling units served by the meter.

The cost-of-service analysis determined how much of the revenue requirement would be collection from the fixed service charges (\$2,065,341, as shown in **Figure IV-1**). The function has two components – customer accounts and customer capacity – each of which is itemized in the cost-of-service analysis in **Figure V-1**. Costs attributable to customer accounts are allocated to customers in proportion to the number of accounts. Costs attributable to water system capacity needed to meet a customer’s demand are allocated in proportion to meter size and are described in terms of Equivalent Meter Units (EMUs), which are discussed on the next page.

Figure V-1 derives the unit costs for the customer accounts and customer capacity cost components. Each account is allocated \$19.84 for the customer account cost component. That amount represents the costs the District incurs to maintain an account regardless of the capacity of the service. Each account is also allocated a total of \$50.97 per EMU ((\$37.60 + \$5.43 + \$7.94)). That amount represents a portion of the cost of providing distribution system capacity for each account, and increases based on the capacity of the meter.

Figure V-1. Service Charge Unit Costs

FY 2021-22 Service Charge Expenses	Service Charge Components				Total Service Charge
	Base Component		Sugar Pine Reservoir	Repair & Replacement	
	Accounts	Capacity	Debt Service	Component	
O&M Expenses	\$484,029	\$1,082,957			\$1,566,986
Total Capital Expenses (Debt Service)		\$87,313			\$87,313
Sugar Pine Reservoir (Debt Service)			\$168,583		\$168,583
Total Capital Expenses				\$246,278	\$246,278
Non-Operating Revenue	\$0	(\$3,820)			(\$3,820)
Total FY 2019-20	\$484,029	\$1,166,451	\$168,583	\$246,278	\$2,065,341
% of Component	23%	56%	8%	12%	100%
Units of Service	2,033	2,585	2,585	2,585	
	Accounts	EMUs	EMUs	EMUs	
Monthly Cost					
per Account	\$19.84				
per EMU		\$37.60	\$5.43	\$7.94	

Capacity costs associated with the distribution system are apportioned among the connections in proportion to the capacity associated with each connection. Accounts are converted to EMUs to apportion the customer capacity cost component. An EMU represents the number of 5/8-inch meters to which a larger meter is equivalent. For example, a 1-inch meter provides 2.20 times as much capacity as a 5/8-inch meter. The capacity multipliers are based on the manufacturer’s nominal capacity of the District’s meters. There are 2,585 total EMUs. In effect, the 2,033 services of various sizes have the equivalent capacity as 2,585 5/8-inch meters.

Figure V-2. Service Charge Units of Service

Service Size	# of Accounts	Meter Ratings (gpm)	Capacity Multiplier*	EMUs
	a	b	c = b ÷ 25	a * c
5/8"	1,371	25	1.00	1,371
3/4"	583	35	1.40	816
1"	17	55	2.20	37
1-1/2"	4	120	4.80	19
2"	10	200	8.00	80
4"	4	900	36.00	144
6"	1	1,750	70.00	70
8"	0	3,500	140.00	0
Dual 3/4"	8	35	1.40	11
Dual Service	29	25	1.00	29
Triple Service	3	25	1.00	3
Triple Service T3	3	35	1.40	4
Total Accounts	2,033		Total EMUs	2,585

* Capacity multiplier assumes 5/8" meter = 1 EMU = 25 gals/min

Monthly service charge components for capacity, Sugar Pine Dam Reservoir debt service and Repair and Replacement (R&R) funding with their capacity components are shown in **Figures V-3, V-4, and V-5**, respectively.

The account component of \$19.84, which all customers pay, has been combined with the base capacity component (product of \$37.60/EMU and capacity multiplier) as one base charge in **Figure V-3**.

Figure V-3. Proposed Base Service Charge Rates – FY 2021-22

Service Size	Account Component (\$/mo.)	Capacity Component			Total Base Charge (\$/mo.)
		\$/EMU	Capacity Multiplier	Total	
	a	b	c	d = b * c	e = a + d
5/8"	\$19.84	\$37.60	1.00	\$37.60	\$57.44
3/4"	\$19.84	\$37.60	1.40	\$52.64	\$72.48
1"	\$19.84	\$37.60	2.20	\$82.72	\$102.56
1 1/2"	\$19.84	\$37.60	4.80	\$180.48	\$200.32
2"	\$19.84	\$37.60	8.00	\$300.80	\$320.64
4"	\$19.84	\$37.60	36.00	\$1,353.61	\$1,373.45
6"	\$19.84	\$37.60	70.00	\$2,632.02	\$2,651.86
8"	\$19.84	\$37.60	140.00	\$5,264.04	\$5,283.88

Figure V-4. Proposed Sugar Pine Debt Service Charge Rates – FY 2021-22

Service Size	Account Component (\$/mo.)	Capacity Component			Total Sugar Pine Charge (\$/mo.)
		\$/EMU	Capacity Multiplier	Total	
	a	b	c	d = b * c	e = a + d
5/8"	\$0.00	\$5.43	1.00	\$5.43	\$5.43
3/4"	\$0.00	\$5.43	1.40	\$7.61	\$7.61
1"	\$0.00	\$5.43	2.20	\$11.96	\$11.96
1 1/2"	\$0.00	\$5.43	4.80	\$26.08	\$26.08
2"	\$0.00	\$5.43	8.00	\$43.47	\$43.47
4"	\$0.00	\$5.43	36.00	\$195.63	\$195.63
6"	\$0.00	\$5.43	70.00	\$380.40	\$380.40
8"	\$0.00	\$5.43	140.00	\$760.79	\$760.79

Figure V-5. Proposed R&R Capacity Service Charge Rates – FY 2021-22

Service Size	Account Component (\$/mo.)	Capacity Component			Total R&R Charge (\$/mo.)
		\$/EMU	Capacity Multiplier	Total	
	a	b	c	d = b * c	e = a + d
5/8"	\$0.00	\$7.94	1.00	\$7.94	\$7.94
3/4"	\$0.00	\$7.94	1.40	\$11.11	\$11.11
1"	\$0.00	\$7.94	2.20	\$17.47	\$17.47
1 1/2"	\$0.00	\$7.94	4.80	\$38.11	\$38.11
2"	\$0.00	\$7.94	8.00	\$63.51	\$63.51
4"	\$0.00	\$7.94	36.00	\$285.79	\$285.79
6"	\$0.00	\$7.94	70.00	\$555.71	\$555.71
8"	\$0.00	\$7.94	140.00	\$1,111.42	\$1,111.42

Figure V-6 combines the preceding Figures V-3, V-4, and V-5, which is the total recommended service charge rates for FY 2021-22.

Figure V-6. Proposed Monthly Service Charge Rates - FY 2021-22

Service Size	Base Component	Sugar Pine Component	Repair & Replacement Component	Total Service Chg (\$/mo.)
5/8"	\$57.44	\$5.43	\$7.94	\$70.81
3/4"	\$72.48	\$7.61	\$11.11	\$91.20
1"	\$102.56	\$11.96	\$17.47	\$131.98
1 1/2"	\$200.32	\$26.08	\$38.11	\$264.51
2"	\$320.64	\$43.47	\$63.51	\$427.63
4"	\$1,373.45	\$195.63	\$285.79	\$1,854.88
6"	\$2,651.86	\$380.40	\$555.71	\$3,587.97
8"	\$5,283.88	\$760.79	\$1,111.42	\$7,156.09

Figure V-7 compares the proposed with the current service charge rates. As shown in **Figure V-7**, larger meters (6" and 8") will see a significant increase. There are currently three meters over 4 inches, the High School (8"), Divide School (6"), and a multi-unit complex (6"). At any time, any customer may re-evaluate their needed meter size, based on their current water needs, and replace their meter with the appropriate size.

Figure V-7. Comparison of Monthly Service Charge Rates – FY 2021-22

Service Size	Current (\$/month)	Proposed (\$/month)	Difference (\$/month)
5/8"	\$90.54	\$70.81	(\$19.73)
3/4"	\$90.54	\$91.20	\$0.66
1"	\$163.87	\$131.98	(\$31.89)
1 1/2"	\$328.68	\$264.51	(\$64.17)
2"	\$643.17	\$427.63	(\$215.54)
4"	\$1,581.35	\$1,854.88	\$273.53
6"	\$1,581.35	\$3,587.97	\$2,006.62
8"	\$1,581.35	\$7,156.09	\$5,574.74
Dual Service			
5/8"	\$179.05	\$70.81	(\$108.24)
3/4"	\$179.05	\$91.20	(\$87.85)
Triple Service			
5/8"	\$267.56	\$70.81	(\$196.75)
3/4"	\$267.56	\$91.20	(\$176.36)
Multi-Unit	\$90.54+\$88.51 per additional DU	varies based on meter size only	varies based on meter size

Figure V-8 shows the proposed Service Charge rates. Dual service, triple service and other multi-unit customers would be billed based on meter size, and not on the number of dwelling units within the multi-unit complex. That more closely aligns the charges paid by multi-unit customers to the maximum demands they can place on the District water system based on their service connection size, with larger sizes representing more ability to instantaneously demand more water and related distribution system capacity smaller service connections.

Figure V-8. Proposed Monthly Service Charge Rates

Service Size	Current (\$/month)	Proposed (\$/mo; All Customer Classes)				
		Sept. 2021	Jul. 2022	Jul. 2023	Jul. 2024	Jul. 2025
5/8"	\$90.54	\$70.81	\$71.52	\$72.95	\$74.41	\$75.90
3/4"	\$90.54	\$91.20	\$92.11	\$93.95	\$95.83	\$97.75
1"	\$163.87	\$131.98	\$133.30	\$135.97	\$138.69	\$141.46
1 1/2"	\$328.68	\$264.51	\$267.16	\$272.50	\$277.95	\$283.51
2"	\$643.17	\$427.63	\$431.91	\$440.55	\$449.36	\$458.35
4"	\$1,581.35	\$1,854.88	\$1,873.43	\$1,910.90	\$1,949.12	\$1,988.10
6"	\$1,581.35	\$3,587.97	\$3,623.85	\$3,696.33	\$3,770.26	\$3,845.67
8"	\$1,581.35	\$7,156.09	\$7,227.65	\$7,372.20	\$7,519.64	\$7,670.03

CONSUMPTION CHARGE DESIGN

The proposed rate structure would remove the monthly water allotment and credit system for using less water than allotted. The proposed rate structure would simplify rates and give customers more control over their monthly bill in response to the customer’s increased or decreased water use. As with the district’s existing consumption charges the proposed rate structure would have a uniform consumption rate value (i.e. no tiers) that applies to all customers and customer types.

The uniform rate in **Figure V-9** is derived by dividing the total revenue to be derived by the consumptions charges for FY 2021-22 (\$517,871, as shown in **Figure IV-1**) by the projected water demand in FY 2021-22. Water demand for FY 2021-22 was projected based on calendar year 2019 actual demand, as more recent 2020 demand patterns have been affected by COVID-19.

Figure V-9. Calculation of Consumption Charge (FY 2021-22)

Revenue needed from Consumption Charges	\$517,871
Projected Demand (tGal)	264,695
Uniform Consumption Charge per tGal	\$1.96

Consumption Charge Rate Summary

Figure V-10 shows the current and proposed consumption charge rates.

Figure V-10. Proposed Consumption Charge Rates

Customer Class	Current (\$/tGal/month above or below allotment)	Proposed (\$/tGal/month)				
		Sept. 2021	Jul. 2022	Jul. 2023	Jul. 2024	Jul. 2025
All customers	Credit (\$0.42) Overage \$1.55	\$1.96	\$1.98	\$2.02	\$2.06	\$2.10

VI. SAMPLE CUSTOMER BILL IMPACTS

In the previous section, the consumption and service charge structures were compared for the current and proposed rates. A further understanding of the differences between the two structures can be gained by comparing bills based on both rate structures.

BILL COMPARISON

Bills Under Proposed Rates

Under the recommended structure, customers pay the sum of the service charge corresponding to the capacity of their service plus a consumption charge for water use during the billing period. **Figure VI-1** provides sample impacts. The bill impacts shown in **Figure VI-1** assume various size meters based on the most-common meter size for the given customer type. Actual bill impacts will vary depending on meter size and actual water use during the month. Customers’ bills vary during the year, which means that a customer may have a low demand at one time of the year and pay less, and a higher demand at another time and pay more.

Figure VI-1. Sample Customer Bills as of August 2021

<u>Monthly Bill Impacts</u>	<u>Usage</u>		<u>Current Bill</u>	<u>Proposed</u>	<u>Change (\$)</u>
	<u>DUs</u>	<u>(tGal/mo)</u>			
<u>Residential (5/8")</u>					
Low Use (50% of average)		5.0	\$88.44	\$80.61	(\$7.83)
Average Use		10.0	\$90.12	\$90.41	\$0.29
High Use (2x average)		20	\$102.94	\$110.01	\$7.07
Avg. Dual Service Customer	2	14.0	\$176.53	\$98.25	(\$78.28)
Avg. Triple Service Customer	3	26.0	\$265.88	\$121.77	(\$144.11)
<u>Non-Residential</u>					
1" Meter - Multi-Unit	36	40.3	\$3,198.52	\$210.97	(\$2,987.55)
1" Meter - Multi-Unit	14	101.0	\$1,272.79	\$329.94	(\$942.85)
2" Meter - Multi-Unit	12	35.6	\$1,068.70	\$497.41	(\$571.29)
4" Meter - Multi-Unit	78	468.9	\$7,079.15	\$2,773.92	(\$4,305.22)
4" Meter - Multi-Unit	34	231.3	\$3,093.72	\$2,308.23	(\$785.49)
6" Meter & 1 1/2" Meter - Multi-Unit	114	568.5	\$10,300.14	\$4,966.74	(\$5,333.40)
Low Use Non-Residential Customer (3/4")		28.5	\$119.22	\$147.06	\$27.85
Avg. Non-Residential Customer (3/4")		57.0	\$163.39	\$202.92	\$39.53
High Use Non-Residential Customer (3/4")		114.0	\$251.74	\$314.64	\$62.90
1" Meter		17.0	\$163.45	\$165.30	\$1.85
2" Meter		32.0	\$631.41	\$490.35	(\$141.06)

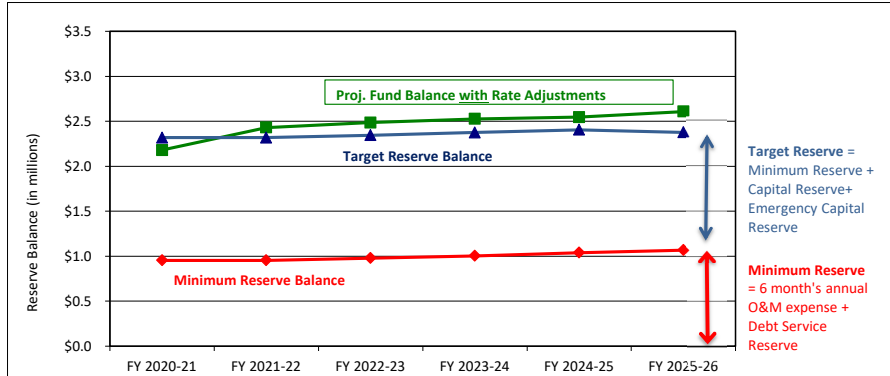


Appendix. Water Rate Model

	A	B	C	D	E	F	G	H	I
1	Foresthill PUD								
2	Water Rate Study								
3	Table 1A - Assumptions								
4									
5									
6	Inflation Factor Assumptions used for projections:								
7		Budget	Projected						
8		FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Notes		
9	a	Annual EMU Growth Rate	0.08%	0.08%	0.08%	0.08%	0.08%	Estimate; To Tables 3, 4, 7	
10		Annual Additional EMUs	2	2	2	2	2	To Table 7; Provided by District	
11		Total EMUs End of Year	2,585	2,587	2,589	2,591	2,593	2,595	Data provided by District, from Table 7
12	b	General Inflation	Budget	2.00%	2.00%	2.00%	2.00%	2.00%	Estimate
13	c	Salaries & Wages	Budget	3.00%	3.00%	3.00%	3.00%	3.00%	Estimate
14	d	Benefits	Budget	4.50%	4.50%	4.50%	4.50%	4.50%	Estimate
15	e	Construction Cost Inflation	Budget	3.31%	3.31%	3.31%	3.31%	3.31%	ENR SF 10-Year Average annual change
16	f	Interest on Fund Balance	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	Estimate; To Table 4
17	g	Bad debt as a % of rate revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	To Table 3; per District bad debt is recovered.
18	h	Annual connection fee revenues	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	To Table 4; per District
19	i	Utilities	Budgeted	3.0%	3.0%	3.0%	3.0%	3.0%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1		Foresthill PUD																			
2		Water Rate Study																			
3		Table 1B - Summary																			
4																					
5																					
6																					
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	Budget	Projected				
		FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
1	Eff. Date of Rate Adjustments	8/15/2021	7/1/2022	7/1/2023	7/1/2024	7/1/2025
2						
3	Annualized Change in Revenue	-12.0%	1.0%	2.0%	2.0%	2.0%
4	Cumulative	-12.0%	-11.1%	-9.3%	-7.5%	-5.7%
5						
6	Reduction in water consumption	0.0%	-20.0%	0.0%	0.0%	0.0%
7	for sensitivity analysis	100.0%	80.0%	80.0%	80.0%	80.0%



Service Size	Current (\$/month)	Proposed (\$/mo; All Customer Classes)				
		Aug. 2021	Jul. 2022	Jul. 2023	Jul. 2024	Jul. 2025
	% change	various	1.0%	2.0%	2.0%	2.0%
5/8"	\$90.54	\$70.81	\$71.52	\$72.95	\$74.41	\$75.90
3/4"	\$90.54	\$91.20	\$92.11	\$93.95	\$95.83	\$97.75
1"	\$163.87	\$131.98	\$133.30	\$135.97	\$138.69	\$141.46
1 1/2"	\$328.68	\$264.51	\$267.16	\$272.50	\$277.95	\$283.51
2"	\$643.17	\$427.63	\$431.91	\$440.55	\$449.36	\$458.35
4"	\$1,581.35	\$1,854.88	\$1,873.43	\$1,910.90	\$1,949.12	\$1,988.10
6"	\$1,581.35	\$3,587.97	\$3,623.85	\$3,696.33	\$3,770.26	\$3,845.67
8"	\$1,581.35	\$7,156.09	\$7,227.65	\$7,372.20	\$7,519.64	\$7,670.03

Customer Class	Current (\$/tGal/month above or below allotment)	Proposed (\$/tGal/month)					
		Aug. 2021	Jul. 2022	Jul. 2023	Jul. 2024	Jul. 2025	
	% change	various	1.0%	2.0%	2.0%	2.0%	
All customers	Credit Overage	(\$0.42)	\$1.96	\$1.98	\$2.02	\$2.06	\$2.10

	B	C	D	E	F	G	H	I
1	Foresthill PUD							
2	Water Rate Study							
3	Table 2 - Revenue Requirements							
4		Inflation	Budgeted	Projected				
5		Factor	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Notes
6	Operating Expenses							
7	Source of Supply							
8	Salaries	c	\$34,150	\$35,175	\$36,230	\$37,317	\$38,436	
9	Taxes	c	\$2,612	\$2,690	\$2,771	\$2,854	\$2,940	
10	Benefits	d	\$14,914	\$15,585	\$16,286	\$17,019	\$17,785	
11	Maintenance	b	\$2,000	\$2,040	\$2,081	\$2,122	\$2,165	
12	Vehicle Expense	b	\$0	\$0	\$0	\$0	\$0	
13	Contracted Services	b	\$1,000	\$1,020	\$1,040	\$1,061	\$1,082	
14	Resource Development	b	\$0	\$0	\$0	\$0	\$0	
15	Power	i	\$5,000	\$4,120	\$4,244	\$4,371	\$4,502	
16	Other	b	\$2,000	\$2,040	\$2,081	\$2,122	\$2,165	
17								
18								
19	Pumping							
20	Salaries	c	\$16,045	\$16,526	\$17,022	\$17,533	\$18,059	
21	Taxes	c	\$1,227	\$1,264	\$1,302	\$1,341	\$1,381	
22	Benefits	d	\$7,007	\$7,322	\$7,652	\$7,996	\$8,356	
23	Materials & Supplies	b	\$100	\$102	\$104	\$106	\$108	
24	Equipment Expense	b	\$1,000	\$1,020	\$1,040	\$1,061	\$1,082	
25	Power	i	\$10,000	\$8,240	\$8,487	\$8,742	\$9,004	
26	Propane	i	\$5,000	\$4,120	\$4,244	\$4,371	\$4,502	
27	Other	b	\$500	\$510	\$520	\$531	\$541	
28								
29								
30	Treatment							
31	Salaries	c	\$112,389	\$115,761	\$119,233	\$122,810	\$126,495	
32	Taxes	c	\$8,598	\$8,856	\$9,122	\$9,395	\$9,677	
33	Benefits	d	\$49,083	\$51,292	\$53,600	\$56,012	\$58,532	
34	Operating Supplies	b	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412	
35	Chemicals	b	\$25,000	\$20,400	\$20,808	\$21,224	\$21,649	
36	Vehicle Expense	b	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412	
37	Equipment Maintenance	b	\$2,000	\$2,040	\$2,081	\$2,122	\$2,165	
38	Contracted Services	b	\$0	\$0	\$0	\$0	\$0	
39	Resource Development	b	\$0	\$0	\$0	\$0	\$0	
40	Power	i	\$18,000	\$14,832	\$15,277	\$15,735	\$16,207	
41	Propane	i	\$2,000	\$1,648	\$1,697	\$1,748	\$1,801	
42	Other	b	\$0	\$0	\$0	\$0	\$0	
43	Uniforms	b	\$3,000	\$3,060	\$3,121	\$3,184	\$3,247	
44								
45								
46	Distribution							
47	Salaries	c	\$225,273	\$232,031	\$238,992	\$246,162	\$253,547	
48	Taxes	c	\$17,233	\$17,750	\$18,282	\$18,831	\$19,396	
49	Benefits	d	\$98,382	\$102,809	\$107,436	\$112,270	\$117,322	
50	Operating Supplies	b	\$40,000	\$40,800	\$41,616	\$42,448	\$43,297	
51	Uniforms	b	\$6,000	\$6,120	\$6,242	\$6,367	\$6,495	

	B	C	D	E	F	G	H	I
1	Foresthill PUD							
2	Water Rate Study							
3	Table 2 - Revenue Requirements							
4		Inflation	Budgeted	Projected				
5		Factor	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Notes
52	Vehicles Expense	b	\$12,000	\$12,240	\$12,485	\$12,734	\$12,989	
53	Equipment rentals/repairs	b	\$4,000	\$4,080	\$4,162	\$4,245	\$4,330	
54	General Shop Maintenance	b	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412	
55	Contracted Services	b	\$1,000	\$1,020	\$1,040	\$1,061	\$1,082	
56	Resource Development	b	\$225	\$230	\$234	\$239	\$244	
57	Utilities	i	\$1,500	\$1,545	\$1,591	\$1,639	\$1,688	
58	Other	b	\$1,000	\$1,020	\$1,040	\$1,061	\$1,082	
59	Subtotal Distribution		\$411,613	\$424,745	\$438,323	\$452,364	\$466,885	
60								
61	Customer Service							
62	Salaries	c	\$282,199	\$290,665	\$299,385	\$308,366	\$317,617	
63	Taxes	c	\$21,588	\$22,236	\$22,903	\$23,590	\$24,297	
64	Benefits	d	\$123,242	\$128,788	\$134,583	\$140,640	\$146,968	
65	Office Supplies	b	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412	
66	Equipment maintenance	b	\$2,000	\$2,040	\$2,081	\$2,122	\$2,165	
67	Computer Enhancement Service	b	\$15,000	\$15,300	\$15,606	\$15,918	\$16,236	
68	Contracted Services	b	\$20,000	\$20,400	\$20,808	\$21,224	\$21,649	
69	Telephone & Internet	i	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255	
70	Other	b	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412	
71	Subtotal Customer Service		\$484,029	\$499,929	\$516,379	\$533,400	\$551,013	
72								
73	Regulatory Compliance							
74	Salaries	c	\$87,330	\$89,950	\$92,648	\$95,428	\$98,291	
75	Taxes	c	\$6,681	\$6,881	\$7,088	\$7,301	\$7,520	
76	Benefits	d	\$38,139	\$39,855	\$41,649	\$43,523	\$45,481	
77	Supplies	b	\$1,200	\$1,224	\$1,248	\$1,273	\$1,299	
78	Water Analysis	b	\$10,000	\$10,200	\$10,404	\$10,612	\$10,824	
79	Accounting and auditing	b	\$15,000	\$15,300	\$15,606	\$15,918	\$16,236	
80	Legal Services	b	\$60,000	\$61,200	\$62,424	\$63,672	\$64,946	
81	State Dam Inspection	b	\$70,000	\$71,400	\$72,828	\$74,285	\$75,770	
82	Restoration Fee - US Bureau of Reclamation	b	\$25,000	\$25,500	\$26,010	\$26,530	\$27,061	
83	State Dept of Public Health	b	\$13,500	\$13,770	\$14,045	\$14,326	\$14,613	
84	Other	b	\$5,250	\$5,355	\$5,462	\$5,571	\$5,683	
85	Placer county Hazmat permit	b	\$5,000	\$5,100	\$5,202	\$5,306	\$5,412	
86	Department of Transportation testing	b	\$500	\$510	\$520	\$531	\$541	
87	Water Rights and Storage fees	b	\$13,000	\$13,260	\$13,525	\$13,796	\$14,072	
88	Subtotal Regulatory Compliance		\$350,600	\$359,506	\$368,660	\$378,072	\$387,749	
89								
90	Management and Administration							
91	Salaries	c	\$98,141	\$101,085	\$104,118	\$107,241	\$110,459	
92	Taxes	c	\$7,508	\$7,733	\$7,965	\$8,204	\$8,450	
93	Benefits	d	\$42,860	\$44,789	\$46,804	\$48,910	\$51,111	
94	Retired Medical Insurance	d	\$15,000	\$15,675	\$16,380	\$17,117	\$17,888	
95	Materials and supplies	b	\$7,000	\$7,140	\$7,283	\$7,428	\$7,577	
96	Maintenance	b	\$10,000	\$10,200	\$10,404	\$10,612	\$10,824	
97	County Tax Collection System charge	b	\$2,600	\$2,652	\$2,705	\$2,759	\$2,814	

	B	C	D	E	F	G	H	I
1	Foresthill PUD							
2	Water Rate Study							
3	Table 2 - Revenue Requirements							
4		Inflation	Budgeted	Projected				
5		Factor	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Notes
98	Dues and Subscriptions	b	\$10,500	\$10,710	\$10,924	\$11,143	\$11,366	
99	Travel - Seminars/Workshops	b	\$1,500	\$1,530	\$1,561	\$1,592	\$1,624	
100	Board Stipends	b	\$0	\$0	\$0	\$0	\$0	
101	Pension liability	d	\$28,000	\$29,260	\$30,577	\$31,953	\$33,391	
102	Utilities	i	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628	
103	Other General Expense	b	\$5,500	\$5,610	\$5,722	\$5,837	\$5,953	
104	Election Expense		\$0	\$6,000	\$0	\$6,000	\$0	
105	Bank Analysis/other fees	b	\$6,000	\$6,120	\$6,242	\$6,367	\$6,495	
106	Liability and vehicle insurance	b	\$84,775	\$86,471	\$88,200	\$89,964	\$91,763	
107	Interest expense	f	\$500	\$508	\$515	\$523	\$531	
108	Subtotal Maintenance and Administration		\$324,884	\$340,632	\$344,705	\$361,114	\$365,873	
109								
110	Total Operating Expenses		\$1,903,751	\$1,954,674	\$2,008,515	\$2,076,342	\$2,134,226	To Tables 4 & 6
111				2.7%	2.8%	3.4%	2.8%	
112	Non-Rate (Revenue)/Expense							
113	Bad Debt Expense		\$0	\$0	\$0	\$0	\$0	
114	Meter Installation	b	(\$6,000)	(\$6,120)	(\$6,242)	(\$6,367)	(\$6,495)	
115	Property Tax Revenue	b	(\$112,000)	(\$114,240)	(\$116,525)	(\$118,855)	(\$121,232)	
116	Water Charges Penalties	b	(\$10,000)	(\$10,200)	(\$10,404)	(\$10,612)	(\$10,824)	
117	Service Charges and Reconnects	b	(\$15,000)	(\$15,300)	(\$15,606)	(\$15,918)	(\$16,236)	
118	Miscellaneous		(\$50,000)	(\$50,000)	(\$50,000)	(\$50,000)	(\$50,000)	
119	Stub Out charges	b	\$0	\$0	\$0	\$0	\$0	
120	Total Non-Rate Revenue ^[1]		(\$193,000)	(\$195,860)	(\$198,777)	(\$201,753)	(\$204,788)	
121								
122	Net Operating Expenses		\$1,710,751	\$1,758,814	\$1,809,738	\$1,874,589	\$1,929,438	
123								
124	Debt Service Payments - (portion funded with water rates)							
125	Total Debt Service		\$255,896	\$258,686	\$260,863	\$256,371	\$198,563	From Table 6
126								
127	Subtotal before Transfers		\$1,966,647	\$2,017,500	\$2,070,601	\$2,130,960	\$2,128,001	
128				2.6%	2.6%	2.9%	-0.1%	
129	Transfers to/(from):							
130	Operating (General) Reserve		\$189,180	\$0	\$0	\$0	\$0	From Table 4
131	Capital Improvement Reserve		\$427,385	\$427,385	\$427,385	\$427,385	\$427,385	From Table 4
132	Emergency Capital Reserve		\$0	\$0	\$0	\$0	\$0	From Table 4
133	Debt Service Reserve		\$0	\$0	\$0	\$0	\$0	From Table 4
134	Total Transfers		\$616,565	\$427,385	\$427,385	\$427,385	\$427,385	
135								
136	Total Revenue Requirement		\$2,583,212	\$2,444,885	\$2,497,985	\$2,558,345	\$2,555,386	To Table 3
137	<i>Annual Change</i>			-5.4%	2.2%	2.4%	-0.1%	
138								
139	[1] Interest is included in the 4 - Reserves tab							

	A	B	C	D	E	F	G	H
1	Foresthill PUD							
2	Water Rate Study							
3	Table 3 - Changes in Rate Revenue							
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	A	B	C	D	E	F	G	H	I
1	Foresthill PUD								
2	Water Rate Study								
3	Table 4 - Reserve Funds								
4									
5									
6		inflation		Estimated	Projected				
7		factor	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Notes
8	Operating Reserve (includes "General Reserve", "General Fund - unrestricted", and "District 2")								
9				\$491,463	\$689,434	\$705,609	\$719,856	\$725,902	
10									
11									
12									
13									
14									
15									
16									
17									
18									
19	Capital Improvement Reserve (includes "Repair & Replacement Reserve")								
20				\$1,391,475	\$1,439,937	\$1,072,781	\$918,054	\$918,037	
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33	Debt Service Reserve								
34				\$294,457	\$298,874	\$303,357	\$307,907	\$312,526	
35									
36									
37									
38									
39									
40									
41									
42									
43	Emergency Capital Reserve								
44				\$0	\$0	\$403,000	\$580,320	\$589,025	
45									
46									
47									
48									
49									
50									
51									
52									

	A	B	C	D	E	F	G	H	
1	Foresthill PUD								
2	Water Rate Study								
3	Table 5 - Capital Improvement Program								
4									
5									
6								Total	
7	Project Description	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Project Cost	Notes	
8	Sugar Pine Dam & Reservoir								
9	Water Right Permit Extension	\$85,000					\$85,000		
10	Piezometers	\$100,000					\$100,000		
11	Deformation Survey and monuments		\$50,000				\$50,000		
12	Regulatory Expenses								
13	Cost of Service Study	\$45,000					\$45,000		
14	Treatment Plant								
15	Auxiliary Generators	\$100,000		\$100,000			\$200,000		
16	Scaffold system for filters	\$20,000					\$20,000		
17	Control Panel Rehabilitation		\$100,000				\$100,000		
18	SCADA/GIS		\$100,000				\$100,000		
19	Lime system rehabilitation	\$60,000					\$60,000		
20	Rehabilitate storage tank			\$500,000			\$500,000	dependent upon selling water or grant funding	
21	Asphalt sealing (51,000 sq-ft)	\$30,000					\$30,000		
22	** Eq/Inventory building		\$100,000	\$100,000			\$200,000		
23	TL 2300 Turbidity Meter	\$5,000					\$5,000		
24	Transmission & Distribution								
25	Ditch Witch Vacuum Trailer		\$120,000				\$120,000		
26	Auxiliary Storage Tank					\$1,000,000	\$1,000,000	dependent upon selling water or grant funding	
27	Sierra View Lane Pipe Replacement	\$1,000,000	\$1,000,000				\$2,000,000	dependent upon selling water or grant funding	
28	Remaining Pipes (Distribution)				\$800,000		\$800,000		
29	Pressure Relief Stations QTY 36	\$90,000	\$50,000	\$40,000	\$40,000	\$40,000	\$260,000		
30	Sample stations	\$5,000					\$5,000		
31	Administration								
32	Computers & Software	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000		
33	Billing Software	\$10,000					\$10,000		
34	Facilities/Repairs (Paint & back office)	\$15,000	\$5,000	\$5,000	\$5,000	\$5,000	\$35,000		
35	Equipment/Vehicles								
36	Vehicle Fleet (7)	\$60,000		\$60,000		\$60,000	\$180,000		
37	Backhoe	\$150,000					\$150,000		
38	Project Costs	\$1,779,000	\$1,529,000	\$809,000	\$849,000	\$1,109,000	\$6,075,000	To Table 4	
39	Inflation Adjustment (3.3% annually)	100.0%	103.3%	106.7%	110.3%	113.9%			
40	Escalated Total Project Costs	\$1,779,000	\$1,579,634	\$863,469	\$936,171	\$1,263,363	\$6,421,637		
41	Less: Non-Water Rate Funding Sources								
42	Connection Fees	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$21,000)	(\$105,000)	From Table 1A	
43	Grants or Surplus Water Sales	(\$1,358,000)	(\$1,145,388)	(\$415,537)	(\$474,101)	(\$786,686)	(\$4,179,712)		
44	Total Capital Funded with Water Rate Revenue	\$400,000	\$413,246	\$426,932	\$441,070	\$455,677	\$2,136,925		
45	<i>Average Annual Capital Spending Funded through Water Rates</i>							\$427,385	

	A	B	C	D	E	F	G	H
1	Foresthill PUD							
2	Water Rate Study							
3	Table 6 - Debt Service & Coverage							
4								
5								
6			Budgeted		Projected			
7			FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	Notes
8	Assessment District No. 2 Debt Service Fund							
9	2017 Water Revenue Bond		\$86,814	\$86,723	\$86,772	\$86,752	\$86,876	Source: Financial Statements FYE 2018 pg. 37
10	2017 Limited Obligation Refunding Bond		\$82,738	\$82,869	\$82,947	\$82,006	\$81,946	Source: Financial Statements FYE 2018 pg. 37
11								
12	District Enterprise Fund:							
13	2014 Water Loan Agreement - Sugar Pine Reservoir		\$168,583	\$171,333	\$173,383	\$169,852	\$111,981	Source: Financial Statements FYE 2018 pg. 37
14								
15	Total Debt Service		\$338,135	\$340,925	\$343,102	\$338,610	\$280,802	
16								
17	Less: Assessment District revenue		(\$82,239)	(\$82,239)	(\$82,239)	(\$82,239)	(\$82,239)	Source: FY 2019-20 CAFR
18								
19	Water Rate-Funded Debt Service		\$255,896	\$258,686	\$260,863	\$256,371	\$198,563	To Table 2
20								
21								
22	Debt Coverage Calculation							
23	Operating Revenue							
24	Rate revenue - Service Charge		\$2,583,212	\$2,553,039	\$2,606,114	\$2,660,293	\$2,715,598	From Table 3
25	Non-Operating Income		\$193,000	\$195,860	\$198,777	\$201,753	\$204,788	From Table 2
26	Interest income		\$34,285	\$33,573	\$29,982	\$29,049	\$29,520	From Table 4
27	Total Funds Available		\$2,810,497	\$2,782,472	\$2,834,873	\$2,891,095	\$2,949,906	To below
28								
29	Expenses							
30	O&M		\$1,903,751	\$1,954,674	\$2,008,515	\$2,076,342	\$2,134,226	From Table 2
31	Total Expenses		\$1,903,751	\$1,954,674	\$2,008,515	\$2,076,342	\$2,134,226	
32								
33	Net Operating Revenue		\$906,746	\$827,798	\$826,359	\$814,753	\$815,680	Revenue less O&M expenses
34								
35	Debt Service		\$338,135	\$340,925	\$343,102	\$338,610	\$280,802	From above
36	Debt Coverage Ratio (1.10 Min)		2.68	2.43	2.41	2.41	2.90	To Table 1B
37								

	B	C	D	E	F	G	H	I	J	K	L																																																																											
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1	Foresthill PUD										
2	Water Rate Cost-of-Service Study										
3	Tab 7. Service Charge Cost-of-Service Calculation										
4											
92											
93	R&R Component Calculation										
94			Account				Capacity Component			Total	
95	Service	Component				Capacity				R&R Charge	
96	Size	(\$/mo.)	\$/EMU	Multiplier	Total					(\$/mo.)	
97		a	b	c	d = b * c					e = a + d	
98	5/8"	\$0.00	\$7.94	1.00	\$7.94					\$7.94	
99	3/4"	\$0.00	\$7.94	1.40	\$11.11					\$11.11	
100	1"	\$0.00	\$7.94	2.20	\$17.47					\$17.47	
101	1 1/2"	\$0.00	\$7.94	4.80	\$38.11					\$38.11	
102	2"	\$0.00	\$7.94	8.00	\$63.51					\$63.51	
103	4"	\$0.00	\$7.94	36.00	\$285.79					\$285.79	
104	6"	\$0.00	\$7.94	70.00	\$555.71					\$555.71	
105	8"	\$0.00	\$7.94	140.00	\$1,111.42					\$1,111.42	
106											

	B	C	D	E	F	G	H	I	J	K	L
1	Foresthill PUD										
2	Water Rate Study										
3	Table 8 - Load Factors										
4											
5											
6	Billed Water Use in tGal (by Customer Category)										Notes
7											
8	Customer Category		CY 2019		Non-Seasonal Demand	Seasonal Demand	Peak Period Demand	Peak Day Demand			
9			tGals	% of Total							
10	Residential		223,080	84%	123,261	99,819	90,595	985			
11	Non-Residential		41,615	16%	1,892	39,723	20,442	222			
12	Total		264,695	100%	125,153	139,543	111,037	1,207	Total Use to Tab 9		
13					47%	53%					
14	Source: Actual consumption data - CY 2019										
15	Non-seasonal Demand = Average of February and March Billed Usage Annualized										
16	Seasonal Demand = Total Demand minus Non-seasonal Demand										
17	Peak Period Demand = Average of July, August, and September Billed Usage										
18	Peak Day Demand = Peak Period Demand divided by 90 days										
19											
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		Levels of Demand				
		Base Day	Average Day	Maximum Day	Maximum Hour	Peak/Avg Day Ratio
Demand by Customer Category (tGal/Day)*						
	Residential	338	611	1,389	2,083	1.61
	Non-Residential	5	114	313	470	1.95
	Total	343	725	1,702	2,553	1.66
Ratio of Flows to Average Day						
	Residential	0.55	1.00	2.27	3.41	
	Non-Residential	0.05	1.00	2.75	4.12	
	Total	0.47	1.00	2.35	3.52	
	Level of Service	343	725	1,702	2,553	
	Base Day Demand	343	343	343	343	
	Ratio of Level of Service to Base Day	1.00	2.11	4.96	7.45	Load Factors

2.35

*Base Day = Non-seasonal Demand ÷ 365 days
Average Day = CY 2019 Total ÷ 365
Maximum Day = Average Day * Ratio of Maximum Day Flow to Average Day
Maximum Hour = Maximum Day * 1.5

		Load Factors	Demand Service Levels				Totals
Allocation Basis			Base Day	Average Day	Maximum Day	Maximum Hour	
	Base Day	1.00	1.00			1.00	
	Allocation %		100%			100%	
	Average Day	2.11	1.00	1.11		2.11	
	Allocation %		47%	53%		100%	
	Maximum Day	4.96	1.00	1.11	2.85	4.96	
	Allocation %		20%	22%	57%	100%	
	Maximum Hour	7.45	1.00	1.11	2.85	2.48	
	Allocation %		13%	15%	38%	33%	
						100%	

	B	C	D	E	F	G	H	I	J	K	L
1	Foresthill PUD										
2	Water Rate Study										
3	Table 8 - Load Factors										
4											
56											
57											
58											
59	Flow per Customer (tGal per month)		Base Day	Average Day	Maximum Day	Maximum Hour					
60	Residential										
61		tGal per day	338	611	1,389	2,083	From "Demand by Customer Category (tGal/Day)" above x 30 days				
62		tGal per month	10,131	18,335	41,660						
63		# of Dwelling Units	1,992	1,992	1,992						
64		Average flow per DU (tGal/mo)	5	9	21	>21					
65		Average gallons per day	167	300	700	>733	tGal per month ÷ Monthly bills Average flow per bill x 1,000 ÷ 30 days				
66											
67	Non-Residential										
68		tGal per day	5	114	313	470					
69		tGal per month	155	3,420	9,400						
70		# of Accounts	83	83	83						
71		Average flow per Account (tGal/mo)	2	41	113	>113					
72		Average gallons per day	67	1,367	3,767	>3433					
73											
74	Combined										
75		tGal per day	343	725	1,702	2,553					
76		tGal per month	10,287	21,756	51,060						
77		# of Dwelling Units/Accounts	2,374	2,374	2,374						
78		Average flow per DU (tGal/mo)	4	9	22	>22					
79		Average gallons per day	133	300	733	>667					
80											

	A	B	C	D	E	F	G	H	I	J
1		Foresthill PUD								
2		Water Rate Study								
3		Table 9 - Allocations								
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	A	B	C	D	E	F	G	H	I	J
1		Foresthill PUD								
2		Water Rate Study								
3		Table 9 - Allocations								
4										
51		Calculation of the Uniform Consumption Charge								
52		Revenue needed from Consumption Charge			\$517,871					
53		Projected Water Demand (tGal)			264,695					
54		<u>\$ per tGal</u>			<u>\$1.96</u>					
55										
56										
57		System-Wide Allocation Factors				Base	Average Day	Maximum Day	Maximum Hour	Customer Service
58		System-wide								
59		Base	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
60		Average Day	49.2%	50.8%	0.0%	0.0%	0.0%	0.0%	0.0%	
61		Max Day	21.0%	21.7%	57.4%	0.0%	0.0%	0.0%	0.0%	
62		Max Hour	14.0%	14.4%	38.3%	33.3%	0.0%	0.0%	0.0%	
63		Max Hour Only	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
64		Exp Composite - Consumption Only	53.8%	11.7%	21.5%	13.0%	0.0%	0.0%	0.0%	
65		Exp Composite - Total	19.8%	4.3%	7.9%	4.8%	63.2%	0.0%	0.0%	
66		Service Charge	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
70										



Notice of Ordinance 19-01 Establishing a Procedure for Ratepayer Objections to Proposed Water Rates

On November 18, 2019, the Foresthill Public Utility District ("Foresthill") Board of Directors ("Board") adopted Ordinance 19-01, establishing a procedure for ratepayer objections to proposed water rates, ("Ordinance 19-01") which took effect on December 18, 2019. The purpose of this notice is to make ratepayers aware of Ordinance 19-01, to explain what the ordinance does, and to inform ratepayers about how they can participate in Ordinance 19-01's objection process.

Ordinance 19-01 was published in the Auburn Journal and posted at the Foresthill Public Utility District office, the Foresthill Post office and the Foresthill Library. A copy of this ordinance can be found on Foresthill's website at www.foresthillpud.com. A hard copy of the ordinance is available for viewing during business hours at Foresthill Public Utility District, located at 24540 Main Street, Foresthill, CA 95631.

Information on the proposed water rates can be found on the District's website at www.foresthillpud.com.

Purpose of Ordinance 19-01: The purpose of Ordinance 19-01 is to provide a meaningful opportunity for a ratepayer to make and resolve an objection to a proposed water rate before resorting to litigation after the new rate is approved. This ordinance is intended to create an exhaustion of administrative remedies procedure in order for ratepayers to bring an objection regarding a proposed water rate to the District board of directors' attention during the rate consideration process, and to provide an opportunity for the District to address or resolve the objection(s) before the District Board of Directors makes a final decision on whether to adopt a proposed water rate.

Ordinance 19-01 requires a rate challenger to exhaust his or her administrative remedies by complying with the ordinance prior to filing any lawsuit alleging that the District's new water service rates violate Proposition 218 or other applicable law.

Overview of Exhaustion Procedure Created By Ordinance 19-01: The exhaustion procedure includes the following chronological steps and will run concurrently with the Proposition 218 process governing water rate changes proposed for fiscal years 2021-22 through 2025-26:

1. District board directs staff to send notice of the start of the exhaustion procedure to record owners or customers of record.

Notice was sent on or about May 28, 2021.

2. Ratepayers have no less than 30 calendar days to submit to the District written objections to the proposed rate.

Written objections must be submitted to the District by July 5, 2021 in accordance with the procedures detailed below.

3. District staff will review timely submitted written objections and draft a written response to the written objections. District staff will then present its findings and written responses to the District board for review. The District board will determine whether action is needed in response to the written objections and staff responses or findings.

4. A summary of written objections and staff response will be presented prior to the start of a Proposition 218 protest hearing and prior to a final determination by the District board regarding whether to approve the proposed water rate.

District staff will present a summary of findings and written responses at a special District board meeting on July 29, 2021 at 7 PM.

The purpose of this notice is to comply with step one (above) and to notify District ratepayers about the start of the exhaustion procedure for the District's rate change initiated by public release of the new rate study at the District's May 27, 2021 Board of Directors meeting.

How Ratepayers Can Submit Written Objections: Ratepayers can submit a written objection to the proposed water rates by complying with the following process. **The deadline for a ratepayer to submit a written objection is July 5, 2021.**

Ratepayers who wish to submit an objection regarding the proposed water rate must do so in writing and specify that the objection is submitted as part of the exhaustion procedure or in accordance with the exhaustion ordinance.

All written objections shall (1) state the specific grounds for concern with a proposed water rate and (2) include a desired resolution or outcome. If the nature of the dispute is vague or unclear, the District may request clarification. Objections shall include the name, phone number, street address, and e-mail address (if applicable) and preferred method of communication with the objecting ratepayer (also referred to as "objector").

An objection template is available for ratepayer convenience. Templates can be found online at the District website (www.foresthillpud.com) or are available for pickup at the District Office.

Any objection must be received by the District before the close of business on July 5, 2021.

A postmark will not be considered as sufficient. Verbal objections or written objections that are not received by the deadline specified in the exhaustion notice may be considered by the District board with an offer of proof of extraordinary circumstances. The District board has sole discretion to determine whether to consider those untimely objections.

Objections must be submitted in writing by mail, or hand delivery to the respective addresses below.

Mailing Address:
Foresthill Public Utility District
P.O. Box 266
Foresthill, CA 95631

Hand Delivery Location:
Foresthill Public Utility District
24540 Main Street
Foresthill, CA 95631

Does a Written Protest Submitted in Compliance With Proposition 218 Also Satisfy the Requirements of Ordinance 19-01's Exhaustion Procedure? No, these are two separate processes that each require separate action to participate.

Please note: The exhaustion procedure is separate from the Proposition 218 protest hearing. To participate in the exhaustion procedure, a written objection must indicate it is submitted as an objection in accordance with the exhaustion ordinance. Ratepayers who wish to submit a written protest for the Proposition 218 protest hearing must follow separate directions provided in the Proposition 218 notice letter, which was sent to property owners or customers of record on May 28, 2021.

Staff will Present Written Response at a Public Meeting Prior to Final Decision on Rates: Staff will review timely submitted written objections and compile written responses and present findings and a summary of the written responses at a public meeting. That public meeting will take place virtually on July 29, 2021 at 7 PM. Written responses will also be available to the public following that meeting.

What Happens After Staff Presents Written Responses? The District board, in exercising its discretion, shall determine whether further review is needed, whether the input gathered from written objections and the staff response warrant amendments to the proposed water rate, or whether to proceed to the Proposition 218 protest hearing.

As previously noticed, the Proposition 218 Protest hearing will take place at the District's Board of Directors meeting at 7 PM on July 29, 2021 The meeting will be held virtually.

Questions? If you have any questions regarding this notice, please call the Foresthill Customer Service Department at (530) 367-2511.

ORDINANCE NO. 19-01
OF
FORESTHILL PUBLIC UTILITY DISTRICT
ESTABLISHING A PROCEDURE FOR RATEPAYER OBJECTIONS
TO PROPOSED WATER RATES

Section I: Findings

The Board of Directors of the Foresthill Public Utility District (District) finds and declares as follows:

1. Foresthill Public Utility District (District) owns and operates a public water system.
2. State law requires that certain changes to water service rates occur in accordance with procedures outlined in Article XIII D, section 6, of the California Constitution, commonly referred to as "Proposition 218."
3. The purpose of this ordinance is to provide a meaningful opportunity for a ratepayer to resolve an objection to a proposed water rate before resorting to litigation after the new rate is approved.
4. This ordinance is intended to create an exhaustion of administrative remedies procedure in order for ratepayers to bring an objection regarding a proposed water rate to the District board's attention early in the rate consideration process, and to provide an opportunity for the District to address or resolve the objection(s) before the District board makes a final decision on whether to adopt a proposed water rate pursuant to Proposition 218.
5. Use of the term "water rate" is defined broadly to include consumptive rates, fixed rates, and other rates governed by Proposition 218.
6. This ordinance will take effect 30 days after initial board adoption and will apply to any proposed water rate changes pending at the time of adoption or proposed thereafter.

Section II: Adoption of Exhaustion Procedures

Be it enacted by the Board of Directors of the Foresthill Public Utility District:

1. Overview of Exhaustion Procedure

The exhaustion procedure shall include the following chronological steps and may run concurrently with the Proposition 218 process (further detail provided below):

1. District board directs staff to send notice of the start of the exhaustion procedure to record owners or customers of record.
2. Ratepayers have no less than 30 calendar days to submit to the District written objections to the proposed rate.

3. District staff will review timely submitted written objections and draft a written response to the written objections. District staff will then present its findings and written responses to the District board for review and to determine whether action is needed in response to the written objections and staff responses or findings.

4. A summary of written objections and staff response will be presented prior to the start of a Proposition 218 protest hearing and prior to a final determination by the District board regarding whether to approve the proposed water rate.

2. Initiating Exhaustion Procedure

Once a proposed water rate has been presented to the District board the board shall also direct staff to compile and transmit to ratepayers an exhaustion procedure timeline with specific deadlines for each step of the exhaustion procedure specified below, in compliance with this ordinance. The exhaustion procedure must conclude before the Proposition 218 protest hearing, but may conclude on the same day as the Proposition 218 protest hearing.

3. Exhaustion Notice

The exhaustion notice shall include an overview of the exhaustion procedure (example in section 12.2 above), specify how ratepayers can submit written objections, provide the date and time by which those objections must be received by the District, specify when written staff response will be presented to the public, and identify the point of contact to whom the objections will be sent. The exhaustion notice must notify ratepayers of the following or substantially similar terms:

“The exhaustion procedure is separate from the Proposition 218 protest hearing. To participate in the exhaustion procedure, a written objection must indicate it is submitted as an objection in accordance with the exhaustion ordinance. Ratepayers who wish to submit a written protest for the Proposition 218 protest hearing must follow separate directions provided in the Proposition 218 notice letter.”

4. Written Objections

Ratepayers shall be given no less than 30 calendar days, starting on the date the exhaustion notice is mailed, to submit written objections to the District regarding the proposed water rate.

As stated above, to avoid confusion with written protests for the Proposition 218 process, a written objection must specify that it is submitted as part of the exhaustion procedure or in accordance with the exhaustion ordinance. All written objections shall state the specific grounds for concern with a proposed water rate and include a desired resolution or outcome. If the nature of the dispute is vague or unclear, the District board may request clarification. Objections shall include the name, phone number, street address, and e-mail address (if applicable) and preferred method of communication with the objecting ratepayer (also referred to as “objector”).

Any protest must be received by the District before the close of business on the stated deadline date, and a postmark will not be considered as sufficient. Verbal objections or written objections that are not received by the deadline specified in the exhaustion notice may be considered by the District board with an offer of proof of extraordinary circumstances. The District board has sole discretion to determine whether to consider those objections.

5. Staff Response

At the close of the written objection period, District staff shall review timely submitted and otherwise compliant written objections in accordance with the requirements above and shall draft written responses to the written objections.

District staff shall present the findings to the District board at a board meeting that was specified in the exhaustion notice. The District board, in exercising its discretion, shall determine whether further review is needed, whether the input gathered from written objections and the staff response warrant amendments to the proposed water rate, or whether to proceed to the Proposition 218 protest hearing.

6. Conclusion of Exhaustion Procedure

Once the District board has made its final determination as to any objection, it may proceed to the Proposition 218 protest hearing (as previously noticed in accordance with Proposition 218).

7. Rate Challenger Must Exhaust Administrative Remedies

No claim, suit for damages, suit for injunctive relief, petition for writ of mandamus, or administrative or judicial proceeding shall be brought against the District, the District board, or its employees, officers, or designees, regarding a challenge to a proposed water rate unless the challenging party first exhausts its administrative remedies by complying with the exhaustion procedure specified above.

PASSED AND ADOPTED by the District Board of the Directors on November 18, 2019 by the following vote:

AYES:	<u>5</u>
NOES:	<u>0</u>
ABSTAIN:	<u>0</u>
ABSENT:	<u>0</u>



Neil Cochran, Board President

ATTEST:

By: 
Hank White, Clerk and Ex-Officio Secretary